Docket

Project Summary Report

By: J. W. Alt October 2, 1958

1. Docket No. DMA-255X (Lead)
   Contract No. Idm-189

   Property: Whitedelf Mine
   Bonner County, Idaho

   Operator: Whitedelf Mining and Development Co.
   Clark Fork, Idaho

   Operator's Property Rights: Owner and lessee
   Lease, dated March 30, 1926
   Landlord's Subordination Agreement, dated October 10, 1951
   Consent to Lien, dated June 10, 1955

2. Contract dated October 19, 1951. To complete - 12 months.

Work Authorized

1.	Deepen existing winze from present 400 level sump to the 800 level, 400 feet @ $165.00/ft.	$66,000.00
2.	Installing skip loading pocket on 800 level	2,000.00
3.	Drift 900 feet northeasterly along the pearl fissure zone to the projected position of the north ore body. Drift 200 southwesterly along the pearl fissure to the projected position of the Daugherty ore body 1100 feet @ $32.50/ft.	35,750.00
4.	Equipment to be purchased	4,500.00
5.	Rehabilitation and repairs to existing winze	12,000.00
	Total Estimated Cost	$120,250.00
	Government Participation @ 50%	$60,125.00

Amendments

No. 1 - Agreed April 15, 1952, effective January 1, 1952.
Change in equipment to be purchased.
Under Labor and Classification add:
Auditing $100 maximum salary per month.

No. 2 - Dated August 20, 1952.
Extend completion time from 12 months to 24 months.
Change the estimated total cost of the project from $120,250.00 to $163,950.00, and Government participation from $60,125.00 to $81,975.00.

Amendment No. 2 (continued)

Estimated Cost of the Project

1.	Deepening existing winze 400 ft. @ $180/ft.	$12,000.00
2.	Install skip loading pocket on 800 level	2,000.00
3.	Drifting, 1100 feet @ $52.50/ft.	57,750.00
4.	Equipment to be purchased	3,997.55
5.	Rehabilitation and repairs to existing winze	17,600.00
6.	Contingencies - for unforeseen expenditures with reference to all of the above items	10,602.45
	Total Estimated Cost	$163,950.00

No. 3 - Agreed December 15, 1952. Effective October 19, 1952.
Increase in equipment to be purchased to $4,847.55
Decrease in contingencies to $9,752.45

No. 4 - Agreed April 29, 1953. Effective January 1, 1953.
Pertains to miners' rate of pay.

No. 5 - Agreed November 3, 1953
Extends completion time from 24 months from date of contract to April 19, 1954.
Increases royalty payment period from 10 years to 11 years.

No. 6 - Agreed May 6, 1954. Effective October 19, 1951
Extends completion time to May 1, 1955
Increases royalty payment period from 11 years to 12 years.
Estimated cost of the project increased from $163,950.00 to $232,950.00, and Government participation from $81,975.00 to $116,475.00.
Allows for 1500 feet of additional drifting on the 800 level.

Estimated Cost of Additional Work

1,500 feet of drifting @ $46.00/ft. $69,000.00

No. 7 - Agreed May 26, 1955, effective October 19, 1951.
Extends completion time to March 1, 1956.
Increases royalty payment period to 14 years.

No. 8 - dated November 14, 1955.
Allows operations to be recessed from July 1, 1955, to January 1, 1956.
Extends completion time to September 1, 1956.
Increases royalty payment period from 14 years to 15 years.

Work Completed

Rehabilitation - winze	$17,937.11
Shaft deepening, 413 feet	76,225.49
800 station skip pocket	3,554.13
Drifting and crosscutting, 2801.5 feet	125,037.37
Operating Equipment Purchased	1,128.66
Total Cost	$223,882.76

Work on the project was started on December 15, 1951.
By mutual agreement, the contract was terminated on July 31, 1956.

3. Report of Review dated September 11, 1957

Total cost as billed by Contractor	$227,006.26
Less proceeds from property disposition	2,645.25
Net Claimed Cost	$224,361.01
Exceptions	478.25
Total Accepted Cost	$223,882.76

Payment to the Contractor $111,941.38 less $200.00 to compensate for not furnishing a final project report.

Operator's final report - dated January 3, 1958.
Field Team final report - dated August 1958.

4. Certification date - February 8, 1957

The discovery consisted of silver-lead ore occurring in a mineralized fault in the Wallace formation (argillite and impure quartzite). Estimated ore reserves are 40,000 tons with an average grade of 7.9 ounces of silver per ton and 4.6 percent lead.

5. Comments -

Work under the terms of the contract got off to a slow start, and standards of the early work were considered by the Field Team representatives to be inadequate with highly unsatisfactory safety conditions. The work completed under the contract was done satisfactorily except in the south drift where the Operator did not set timbers as needed and portions of the drift caved, causing delays in advance toward the south ore bodies. The Operator had difficulty in maintaining a labor force at the property at all times as the miners would leave to work in the logging industry during summer months because of higher wages and better working conditions.

The results of the drifting along the Pearl vein, the principal mineralized structure at the Whitedelf

mine, showed that all the known ore shoots on the 400 level extend to the 800 level, but the ore shoots found on the 800 level are narrower and some of them are of lower grade than the ore bodies mined from the upper levels. Furthermore, the North ore shoot has decreased greatly in strike length. Most of the ore shoots on the 800 level are so narrow or so low grade that they would be unprofitable to mine. For this reason ore reserves can be calculated only for the White, Thornton, and North ore bodies.

It is estimated that 19,410 tons of ore is indicated from the exploration work. This reserve was calculated using a 2.5-foot mining width for each of the three ore shoots. The grade of this ore reserve is problematical because no records were kept of the ore grade on the 400 level and only limited sampling was done on the narrow veins on the 800 level. Such sampling as is available indicates an average grade of 12.6 ounces of silver per ton and 5.9 percent lead.

Government participation in further exploration of the Pearl vein within the Wallace formation is not warranted.

J. W. Alt

MME Form 7
(2/63)

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Date	Surname	Code
12/5/69		120
		220

AIRMAIL

DEC 5 1969

Mr. Cline E. Tedrow
4055 South Madelia Street
Spokane, Washigton 99203

Re: DMA-255X (Lead)
Whitedelf Mining and Development Company
Whitedelf Mine
Bonner County, Idaho
Contract Idm-E189

Dear Cline:

This is in reply to your request, dated November 17, 1969, for permission to examine the contract and geological data obtained on the Whitedelf mine under the subject contract.

All of the material furnished with the application, the contract, eight amendments, Termination Agreement, and Operator's monthly reports and vouchers are available for examination in the OME Region I Field Office in Spokane, or in this office. Copies of any or all of this material can be obtained through arrangements we have with a local commercial printing firm to quote you prices, and to print at your expense any number of copies you may wish to order.

We enclose a copy of the Operator's final report on the contract and copies of a map entitled "Underground Geological Map (Composite Plan) of the Whitedelf Mine, Bonner County, Idaho," Scale 1" = 40', and of a section entitled, "Longitudinal Section (Vertical) through Pearl Vein, Whitedelf Mine," Scale 1" = 100'. It appears that assays of all samples, and all of the workings completed under the contract are posted on the map.

If you are seeking geological information on which to consider additional exploration, I doubt that much of the contract, amendment and voucher material would be useful as it consists largely of legal, engineering, and operational data pertaining to the DMA project. Most of the material is out-of-date.

The application consists of 18 pages of material responsive to the questions on the application form plus the following:

1. A 7-page report on the property by Gratton Lynch, September 1947.

2. A copy of Geological Survey Bulletin 944-B entitled, "Lead-Silver Deposits of the Clark Fork District, Bonner County, Idaho," 1947.

3. A copy of U. S. Bureau of Mines RI-3992, entitled "Clark Fork District, Bonner County, Idaho," by S. H. Lorain, August 1946.

4. A reprint from Economic Geology, Vol. XLI, March-April, 1946, entitled, "Lead-Silver Mineralization in the Clark Fork District, Bonner County, Idaho," by Alfred L. Anderson.

5. 2 promotional pamphlets.

6. 2 longitudinal sections of the Whitedelf mine adapted from Plate 10 in USGS Bulletin 944.

If you wish any of the published material furnished with the application, it would be simpler to consult these in the Geological Survey or Bureau of Mines offices in Spokane, or cheaper to order them directly from the publishers than to have copies made commercially.

Please let us know what, if any, material you would want us to make available for duplication.

Sincerely yours,

Harold Kirkemo (gla)

Harold Kirkemo
Chief, Office of
Minerals Exploration

Enclosures

cc: Director's Reading File
Mineral Resources
OME docket
OME Region I w/copy incoming letter
OME Reading File
Mr. Kirkemo

HKirkemo/gla 12-5-69

KEYSTONE 4-0981

CLINE E. TEDROW

CONSULTING MINING ENGINEER

4055 SOUTH MADELIA STREET
SPOKANE, WASHINGTON 99203

MEMBER:
AIMME
NORTHWEST MIN. ASSOC.
WASH. STATE PROF. ENGR. SOC.
NATIONAL SOCIETY OF PROF. ENGR'S

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November 17, 1969

Mr. H. Kirkemoe, Chief Geologist
Department of Interior
United States Geological Survey
Office of Minerals and Exploration
Washington, D. C.

Re: Whitedelf Mining & Development
Company, Clark Fork, Idaho
IDM-E-189
Docket # 255X

Dear Harold:

In talking with Mr. A. E. Weissenborn of the Spokane Office of United States Geological Survey today, he suggested to me that I contact you by letter and secure permission from you for the examination of the contract and the geological data on the Whitedelf Mining and Development Comapny, obtained under Contract IDM-E-189, Docket #255X, that was undertaken October 19, 1951 and completed December 27, 1957.

In trying to secure this information from the Compton White family, they seem to feel that they have lost the information. I recently was appointed President of the Whitedelf Mining and Development Company, because as President of the Silverfields Corporation, we had secured stock control of the corporation.

If it would be possible to secure this letter of authority from you relative to this matter, and also a copy of the geological map under that contract, I would appreciate it very much.

Thank you.

Very truly yours,

Cline E. Tedrow

Cline E. Tedrow

INSTRUCTIONS TO DELIVERING EMPLOYEE

☐ Deliver *ONLY* to addressee

☐ Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE *(must always be filled in)*

Compton d. W Pulliam, Jr

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Mrs. John K. Ish Import

DATE DELIVERED

OCT 27 1966

SHOW WHERE DELIVERED *(only if requested)*

C55—16—71548-5—F GPO

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE

WASHINGTON, D.C. STA. 20

OCT 27 1966

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

REGISTERED NO. 500941	NAME OF SENDER U. S. Geological Survey Office of Minerals Exploration
CERTIFIED NO.	STREET AND NO. OR P. O. BOX Dept. of the Interior
INSURED NO.	CITY, STATE, AND ZIP CODE Washington, D. C. 20242

POD Form 3811 Sep. 1963

C55—16—715486—F

Dr 55

DMEA-255 Whitedelph Mining and Development Company

MME Form 7
(2/63)

OFFICIAL FILE COPY

Date	Surname	Code
12/66	Kirkemo	

REGISTERED MAIL
RETURN RECEIPT REQUESTED

OCT 2 5 1966

Hon. Compton I. White, Jr.
House of Representatives
Washington, D. C. 20515

Re: DMMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract Idm-2189

Dear Mr. White:

By the terms of the subject Exploration Project Contract, as amended, and the certification of discovery or development dated February 8, 1957, all minerals mined or produced from October 19, 1951, to October 19, 1966, were subject to the Government's royalty as set forth in said contract.

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

Sincerely yours,

FRANK E JOHNSON

Frank E. Johnson
Chief, Office of
Minerals Exploration

cc: Director's Reading File
Division File
Economic Geology File
OME Reading File
OME Region I w/cy of incoming ltr 9/1 and Form 63
Branch of Budget and Finance
120M

MMerrithew/mm (9/20/66)

23263

UNITED STATES
DEPARTMENT OF THE INTERIOR
OFFICE OF MINERALS EXPLORATION
GEOLOGICAL SURVEY
So. 157 Howard Street
Spokane, Washington 99204
September 14, 1966

OFFICIAL COPY
O. M. E.
RECEIVED
SEP 16 1966
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110

Memorandum

To: Chief, Office of Minerals Exploration

From: Field Officer, Region I

Subject: Royalty inspection
DMEA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract Idm-E189

With reference to your memorandum of August 24, 1966, the Whitedelf mine was visited September 9, 1966. The change house, mill building and ore bin had obviously not been in use for several years. In some cases timbers showed evidence of starting to deteriorate. Steps leading up to the top of the ore bin at the Norquist adit portal were in such disrepair that no attempt was made to climb them for a look at the Norquist portal. It was obvious that there had been no work at, much less production from, this mine for several years. This was subsequently confirmed by a service station operator in the village of Clark Fork who stated that there had been no activity at the Whitedelf mine "for several years."

D. R. MacLaren

D. R. MacLaren

Distribution:
OME(Orig.&1)
Docket
CPF

Crude and Mill Cleanings

Lots 202, 203, 204 - Shipped to Bunker Hill Smelter

Value $ 17.53
.05

Reg $ 87.65

Amt 87.60 - 9/1/66

OFFICE OF MINERALS EXPLORATION
U.S. GEOLOGICAL SURVEY

TO: Budget & Finance

FROM: Office of Minerals Exploration

- ABSTRACT OF REMITTANCES -

Date	Amount	Bank, City and State	Name of Remitter	Docket & Contract Numbers	Purpose
9/12/66	$87.60	Idaho First Natl' Bank, Sandpoint, Idaho.	*Compton I. White Jr. for Whitedelf Mining & Development Co.	DMA-255 E-189	Royalties

*check made payable to Whitedelf Mining but has been endorsed on back to U.S.Geological Survey.

REMARKS: (List smelter or mill lot numbers covered by royalties)

9/12/66
Date Prepared

Catherine A. Curtiss
Person Preparing Abstract

Date Received

Person Receiving Remittance

COMPTON I. WHITE, JR.
1ST DISTRICT, IDAHO

ROOM 250
CANNON HOUSE OFFICE BUILDING
TELEPHONE: 202-225-6611

HOME ADDRESS:
BOX 536
CLARK FORK, IDAHO 83811

Congress of the United States
House of Representatives
Washington, D.C. 20515

COMMITTEES:
INTERIOR AND INSULAR AFFAIRS
SUBCOMMITTEES:
IRRIGATION AND RECLAMATION
MINES AND MINING
PUBLIC LANDS

BANKING AND CURRENCY
SUBCOMMITTEES:
INTERNATIONAL FINANCE
DOMESTIC FINANCE

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September 1, 1966

Honorable Frank E. Johnson
Chief, Office of Minerals Exploration
Geological Survey
United States Department of The Interior
Washington, D. C.

Dear Mr. Johnson:

I am enclosing a check in the amount of $87.60 covering the five percent royalty of shipments, Whitedelf Mining and Development Company, since February 1965. They include Lots 202, 203 and 204, which were shipped to the Bunker Hill Smelter, Kellogg, Idaho.

In my conversation, I was in error; I used the royalty amount paid to the Whitedelf by the lessors rather than the gross amount, therefore, the difference in the amount mentioned on the telephone and the amount tendered. I do not have the Smelter sheets here in Washington, but I am sure you can secure copies at the Smelter in Kellogg.

With kindest regards, I am

Sincerely yours,

Compton I. White, Jr.
Member of Congress

CIW:RBT

No royalty rec.
8/
Check Returned
7/21

OFFICIAL FILE COPY

Date	Surname	Code
		110
		220

Memorandum

To: Field Officer, Region I

From: Chief, Office of Minerals Exploration

Subject: DMEA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract Idm-2189

We have not received any replies to three requests for information on the ownership status and production for the subject property sent to the Operator by registered mail, although these requests were received by the Operator's representative.

In a recent telephone discussion you advised that Mr. Compton I. White, Jr., had visited you and said that he would give his attention to this matter; however, we have not received the requested information.

As the royalty obligation on production from this property expires October 19, 1966, a field check on the property should be made about that time to determine if there has been any production on which royalty may be due the Government before closing our records on this case.

FRANK E. JOHNSON

Frank E. Johnson

cc: Director's Reading File
Division File
Econ. Geol. File
OMX Reading File
DMEA Docket
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FEJohnson/gla/mm (8/24/66)

MME Form 7
(10-58)

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Date	Surname	Code
		220

October 17, 1962

Memorandum

To: Acting Field Officer, Region I

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

Subject: DMA-255X (Lead)
Whitedelph Mining and Development Co.
Whitedelph Mine
Bonner County, Idaho
Contract Idm-E189

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

(a) Original to the Fiscal Section, Division of Administrative Services, Office of the Secretary, Department of the Interior, Washington 25, D. C.; and

(b) One copy for your files.

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

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

Enclosures

EDTalbert/ama 10-16-62

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

43683

File

No. 157 Howard Street
Spokane 4, Washington
August 12, 1959

Mr. Compton I. White, Jr.
Whitedelf Mining & Development Co.
Clark Fork, Idaho

Re: Docket No. DMA-275X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Ism-E108

Dear Mr. White:

Enclosed for your information and files is a copy of a Report of Royalty Review dated July 15, 1959, covering the sales of crude ore and lead concentrates from the Whitedelf mine during the period October 1, 1956, through July 14, 1959.

Sincerely yours,

A. K. Weissenborn
Executive Officer, OME
Field Team, Region I

Enclosure

cc: OME (2)
DMA
BLM (2)
FRM (A2)

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O. M. E.
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8/17	[illegible]	800
8-19	[illegible]	500
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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

1201 N. Division St.
Spokane 2, Washington

September 15, 1958

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9/23	[illegible]	130
9/24	C	220
9/30	[illegible]	500

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

Re: Docket No. DMEA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

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

The purpose of the project was to explore the Pearl vein on the 800-foot level. The vein had produced considerable galena ore between the 400 level and the surface.

The contract was effective as of October 19, 1951 and was terminated by mutual agreement on July 31, 1956. Exploration work consisted of 413 feet of shaft sinking and 2,801.5 feet of cross-cutting and drifting at a cost of $223,882.76, of which the Government contributed 50 percent or $111,941.38. The Operator was debited $200.00 in lieu of a final engineering report; thus reducing the Government's share to $111,741.38.

The project was successful and was certified on February 8, 1957. Project work developed 19,410 tons of indicated ore averaging 12.6 ounces silver per ton and 5.9 percent lead.

Government participation in further exploration of the Pearl vein within the Wallace formation is not warranted.

By Field Team, Region I

OME Reviewed by
~~DMEA~~ OPERATING COMMITTEE
9-23-58
(date)

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

Stephen W. Zoldok
Stephen W. Zoldok
for: Wing G. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: USGS (3)

DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

FIELD TEAM, REGION I

ORIGINAL FILE COPY
DMEA
RECEIVED SEP 18 1958

DATE	INITIALS	CODE
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FINAL REPORT

Contract Idm-E189

by

M. R. Lickes
Mining Engineer
U. S. Bureau of Mines

H. B. Nickelson
Geologist
U. S. Geological Survey

Final FRTM Report.

WHITEDELF MINING & DEVELOPMENT COMPANY

Clark Fork, Idaho

Docket No.:	DMA-255X
Commodity:	Lead
Contract date:	October 19, 1951
Termination date:	July 31, 1956

OME Reviewed by
OPERATING COMMITTEE
9-23-58
(date)

Whitedelf Mine
Clark Fork Mining District
Bonner County, Idaho

Spokane, Washington

August 1958

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ILLUSTRATIONS

Plate		In Map Pocket
1	Underground geologic map of the Whitedelf mine, Bonner County, Idaho	
2	Longitudinal section (vertical) through the Pearl vein (June 1958)	
3	Geologic map of the area containing the lead-silver deposits around the town of Clark Fork by A. L. Anderson (U.S.G.S. Bull. 944, pl. 6)	
4	Map showing the fault and vein systems at the Whitedelf mine, Bonner County, Idaho, by A. L. Anderson (U.S.G.S. Bull. 944, pl. 9)	
5	Plan of the workings on the southwest segment of the Pearl vein at the Whitedelf mine showing the geology on levels, Bonner County, Idaho, by A. L. Anderson (U.S.G.S. Bull. 944, pl. 8)	

Fig.		In Map Pocket
1	Section looking easterly (Hecla Mining Company)	
2	Geologic and assay map of 500 level (Hecla Mining Company)	
3	Geologic and assay map of 465 level (Hecla Mining Company)	

TABLES

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2	Classification of Whitedelf adits and levels	7
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FINAL REPORT

WHITEDELF MINING & DEVELOPMENT COMPANY
Whitedelf Mine
Clark Fork Mining District
Bonner County, Idaho

Contract Idn-E189

* * * *

INTRODUCTION

This report describes an exploration project for lead at the Whitedelf mine near Clark Fork, Bonner County, Idaho. The work was done by the Whitedelf Mining and Development Company under Defense Minerals Exploration Administration Contract No. Idn-E189.

Summary

The work accomplished under the DMEA contract consisted of rehabilitation of the existing shaft, 413 feet of shaft sinking, and 2,801.5 feet of crosscutting and drifting. The cost of this exploration was $223,882.76, of which the Government provided 50 percent or $111,941.38. The Operator was debited $200 in lieu of a final engineering report; thus, the Government share was reduced to $111,741.38.

The results of the drifting along the Pearl vein, the principal mineralized structure at the Whitedelf mine, showed that all the known ore shoots on the 400 level extend to the 800 level, but the ore shoots found on the 800 level are narrower and some of them are of lower grade than the ore bodies mined from the upper levels. Furthermore, the North ore shoot has decreased greatly in strike length. (See plate 1, a composite underground geologic map, and plate 2, a longitudinal section along the vein.) Most of the ore shoots on the 800 level are so narrow or so low grade that they would be unprofitable to mine. For this reason ore reserves can be calculated only for the White, Thornton, and North ore bodies. However, raises driven on some of the other ore shoots may discover minable portions as they approach the 400 level.

The exploration ore milled from the 800 level drifting on the Pearl vein produced 79.7005 tons of concentrate which contained 7,873.8 ounces of silver, 91,613.6 pounds of lead, and 3,743.4 pounds of antimony. If a 3-foot mining width is assumed, the drift produced approximately 1,000 tons of ore averaging 7.87 ounces of silver per ton, 4.58 percent lead, and 0.187 percent antimony. The grade of the ore that could be mined from above the 800 level would undoubtedly be better than the grade calculated from the exploration drifts.

It is estimated that 19,410 tons of ore is indicated from the exploration work. This reserve was calculated using a 2.5-foot mining width for each of the three ore shoots (pl. 2). The grade of this ore reserve is problematical because no records were kept of the ore grade on the 400 level and only limited sampling was done on the narrow veins on the 800 level. Such sampling as is available indicates an average grade of 12.6 ounces of silver per ton and 5.9 percent lead. This is comparable to the reported average grade of all ore mined through 1953 of 8.1 ounces of silver per ton and 6.1 percent lead.

Recommendations

On February 8, 1957, the Government issued a Certification of Discovery or Development for the ore discovered by the project.

As a "last hope" measure some diamond drilling from crosscuts in the hanging wall of the 800 level drift might be done to test the downward extension of the North, Thornton, and White ore bodies. However, the decrease in grade of the South ore body, the apparent decrease in strike length of the North ore body, and the probable decrease in width of the vein in some of the other ore shoots suggest that the ore may bottom not far below the 800 level. Unless further geologic work should demonstrate that the Pearl vein will pass into a more favorable wall rock (such as the St. Regis formation), there is no reason to believe that the ore at deeper levels would be any better -- if as good -- than it is on the 800 level.

LOCATION AND ACCESSIBILITY

The Whitedelf mine is 2 miles by level road north of Clark Fork, Idaho, in sec. 34, T. 56 N., R. 2 E., Boise meridian. The main line of the Northern Pacific Railway and U. S. Highway 10A pass through Clark Fork, a town of 400 population.

The mine can be reached from Clark Fork by traveling northwest half a mile on U. S. Highway 10A to a point just past Lightning Creek bridge, then turning north and following the township graveled road along the creek for 1.5 miles (pl. 3).

The adits of the Whitedelf mine have been driven in the southeast end of Howe Mountain, which rises to an altitude of 3,000 feet. The slopes of the mountain are covered by glacial till, the remains of the original forestation, and a cover of second growth and underbrush. Ample timber for mining is available.

Most of the 30-35 inches of annual precipitation falls between September and the end of June. Although on the higher slopes of the Cabinet Mountains to the north, snow accumulates to great depth, the snowfall at Clark Fork is moderate and seldom interferes with mining.

PROPERTY

The land included in the contract is the NE¼ sec. 34, T. 56 N., R. 2 E., Boise meridian. The south half of this quarter section is owned by the mining company, except 5 percent of the mineral rights reserved to Compton I. White, Sr. The north half is held by the company under a 50-year lease, dated March 30, 1926, from Compton I. White, Sr.; the lease requires a 15 percent royalty on gross production.

Accompanying the contract were two subordination agreements, both signed by Compton I. White, Sr.: (1) Landlord's Subordination Agreement, dated October 10, 1951, covering the land included in the contract; and (2) Subordination Agreement, dated November 14, 1951, covering his 5 percent interest in the south half of the quarter section. The former document apparently refers to the north half of the quarter because that is the only portion of the land owned by Mr. White.

At the time of authorization of Amendment No. 6, Owner's Consent to Lien, dated May 11, 1954, covering his interest in the NE¼, was signed by Compton I. White, Sr. This document was in lieu of the Landlord's Subordination Agreement dated October 10, 1951. As a condition to making Amendment No. 7 effective, Consent to Lien was required, which was dated June 10, 1955, and covered the company's interest in the NE¼; it was signed by both Compton I. White, Sr. and Compton I. White, Jr.

History and Production

As early as 1924 some test pits were dug on the Pearl vein and on the Pugh fault which cuts the Pearl vein, but it was not until 1926 that impetus was given to exploration and development when an uprotted tree on the outcrop of the Middle vein, which lies between the two structures, disclosed galena. Later a road cut exposed a favorable showing on the Pearl vein, and exploration along this vein discovered high-grade shipping ore (pl. 4).

The Whitedelf Mining and Development Company was organized in 1926. Little capital outlay was necessary and the mine showed a profit almost immediately. Mining was pursued diligently. The Norquist tunnel was advanced and stopes carried to the surface, and by the end of 1927 the Norquist tunnel had been extended approximately to its present limits. The mine was furnished with electricity, and an inclined shaft was collared 420 feet from the adit portal. By the end of 1928 the shaft had been sunk to the 200-foot level, with drifts northeast and southwest on the 100- and 200-foot levels. A 50-ton flotation mill was erected and placed in operation in 1929. Shaft sinking continued and by 1932 the shaft had been completed to the 400-foot level. The northerly drift on the 400 level was extended to the present face

The mine was closed in 1933 because of the low price of lead and remained idle except for leasing operations until 1937. In that year a search was begun for additional ore along and above the Norquist tunnel. In 1938 the mine was dewatered, the lower levels were retimbered, and an inclined winze was sunk from the 400 level to the 600-foot level from a point about 420 feet northeast of the shaft.

Up to this time all work had been done in ground lying northeast of the Pugh fault, but in 1938 the portion of the Pearl vein lying south of the Pugh fault was discovered on the southwest slopes of Howe Mountain, and in 1939 high-grade ore was mined from it. In 1940 the company suspended operations and leased the mine to James E. White, brother of Compton I. White, Sr. In 1940 the James E. White and Reid-Clagg adits were started on the southwest slope of Howe Mountain to explore further the south part of the structure. A body of silver-rich ore, called the South ore body, was opened along the James E. White tunnel. After the ore above the tunnel was mined out in 1941, development was transferred to the 400 level, where a drift southwest was started that eventually cut the South ore body. In this development work two other ore bodies, the Dougherty and Thornton ore shoots, were cut on the 400 level between the Pugh fault and the South ore shoot.

In 1943 the Bureau of Mines proposed diamond drilling the Pearl vein between the Whitedelf mine and the adjoining Hope mine. Diamond drilling was started in 1944 and completed in early 1946 (Lorain, S. H., Clark Fork Lead-Zinc District, Bonner County, Idaho: U. S. Bureau of Mines R. I. 3992, 1946, 10 p.). Three holes and 4 deflection holes drilled from them totaled 4,686 feet; each intersected "a strong, mineralized fault at, or very near, the projected position of the Pearl fault." Drill Hole 3 intersected the vein in the area below the Whitedelf North ore shoot, 1,041 feet below the adit level. Assays from this intersection, which is 4 feet 8 inches thick, averaged 17 percent lead and 22.2 ounces of silver per ton.

During 1946-48, 554 feet of development drift and 100 feet of sinking were completed (McDowell, George A , Annual Reports, Mining Industry of Idaho). This work represents further development of the South ore body; a raise from the 400 level to the White tunnel was completed, with drifts at one sublevel, and a winze was completed from the 400 level to the 500 level.

Sporadic mining was carried on by lessees in the ensuing years, while the company was attempting to finance deeper development by sinking to the 1,000 foot level and drifting to cut the ore intersected by USBM DDH-3.

In May 1951 the company applied for and was granted exploration aid under the Defense Production Act of 1950.

Table 1 presents production statistics for the Whitedelf mine from 1926 through 1955, compiled by the Division of Mineral Industries, Region I of the Bureau of Mines, Albany, Oregon.

Mine Workings and Plant

The Whitedelf mine camp comprises a change house, a timber-framing shed, and a 50-ton bulk flotation mill. No housing is available at the mine, nor is any necessary, because access to Clark Fork is easy in all weather. Table 2 presents pertinent data on Whitedelf adits and levels, and plate 4 by Anderson shows the adit location.

From the main shaft, collared 420 feet southwest of the Norquist adit portal, workings extend both northeasterly and southwesterly on the 100-, 200-, 400-, and 800-foot levels. From the shaft station on the 400 level a 65-foot crosscut was driven to the vein, and 420 feet northeast of this intersection a 240-foot winze, inclined 51°, was sunk on the vein to the 500- and 600-foot levels of the North ore body (pl. 2). From the south end of the 400-level drift, 1,200 feet southwest of the 400-level shaft station, a raise connects with the South adit, and from the same point a winze extends down to the 500 level in the South ore body. The extent of the stoping off the various levels along the Pearl vein is shown on plate 2.

All development above and including the 400 level was completed prior to the DMEA contract. Sinking from the 400 to the 800 level and crosscutting and drifting through the projected positions of the North and South ore bodies on the 800 level were completed under the contract.

The workings that are known to be accessible or reasonably so are: Norquist adit, South adit, 400 level, and 800 level. Portions of the other levels are probably caved. Prior to the

Table 1

Production of the Whitedelf mine, 1926-55 in terms of recoverable metals

YEAR	ORE short tons	GOLD fine ounces	SILVER fine ounces	COPPER pounds	LEAD pounds	ZINC pounds
1926	978	.95	37,795	893	683,852	--
1927	2,518	--	103,163	209	1,685,318	--
1928	2,109	--	64,636	338	1,144,566	--
1929	10,464	1.70	66,082	664	1,[illegible]57,193	--
1930	18,955	--	81,227	2,123	1,778,550	--
1931	15,323	--	61,635	1,520	1,259,956	--
1932	9,551	--	39,736	818	779,188	--
1933	900	--	4,574	76	84,322	--
1934	70	--	4,678	75	85,296	--
1935	No Production					
1936	250	--	1,796	--	28,600	--
1937	2,755	--	14,480	--	326,038	--
1938	3,465	2.00	26,185	--	433,960	--
1939	3,522	1.00	25,608	439	409,790	--
1940	5,136	1.00	46,302	2,000	484,914	--
1941	5,006	--	50,477	2,500	446,580	--
1942	1,700	--	29,944	1,625	101,155	--
1943	No Production					
1944	1,871	--	32,906	1,172	142,862	--
1945	3,055	1.00	36,917	1,122	188,500	13,500
1946	880	--	6,666	270	45,850	[illegible],950
1947	210	--	2,262	--	12,300	890
1948	1,524	--	9,594	600	76,657	[illegible],355
1949	1,884	--	11,381	1,140	133,800	--
1950	740	--	5,002	335	97,000	--
1951	654	--	4,656	187	60,861	[illegible],013
1952	No Production					
1953	374	--	2,319	100	36,512	1,[illegible]87
1954	2,364	--	7,928	300	109,600	4,400
1955	28	--	1,703	--	2,000	500
TOTAL	96,286	7.65	779,649	18,506	11,702,220	[illegible]7,595

Table 2.--Classification of Whitedelf adits and levels 1/

Adit	Elevation (feet)	Length 2/ (feet)	Remarks
Norquist (Pearl vein):			
Main level	2,200 (est.)	3,100	Extensive stopes, some to surface; inclined shaft to 800 level.
100 level	2,108	715	Extensive stopes.
Sublevel (south)	2,030 (est.)	200	
200 level	2,015	935	Extensive stopes.
400 level	1,835 approx.	2,312	North, Dougherty, Thornton, and South ore shoots stoped. South end: raise to South adit; winze to 500 level. North end: winze to 500 and 600 levels.
500 level (north)	1,735 approx.	174	
500 level (south)	1,740 approx	100	
600 level (north)	1,647 approx.	173	
800 level	1,436	2,801.5	Stopes started since completion of contract.
Anderson No. 1	2,323	360	Winze to Norquist main level; one raise
Anderson No. 2	2,295	155	
Jim White (Middle vein)	2,200	465	
Pugh (Pugh fault)	2,155	304	
Reid-Clagg	2,395	140	Two stopes to surface, pl. 5.
South (Pearl vein) (also James E. White)	2,075	700	Stopes. Connected with 400 level, pl. 5
Unnamed		42	
Vein intersection, USBM DDH-3	1,163		

1/ Elevations based on Anderson's work; apparently these are assumed. USBM survey elevations are 26 feet higher.

2/ Includes all lateral workings.

actual sinking operations, the South adit, a portion of which had caved, was cleaned out and retimbered as an escapeway from the 400 level.

The main shaft, which is 835.48 feet long on the slope sill to sill and inclined 70°, is 2-compartment and completely timbered by square sets.

Ground in and around the drifts on the 800 level must be supported by timber in the more brecciated portions after short periods of time. During the term of the contract the Operator often postponed setting timber until the back had started to slough. In this way he avoided the added expense of timbering in less broken portions of the vein, but about 57 feet of the SW drift near station 421 caved during a period when the mine was inactive, and it was necessary to bypass this area when work was resumed.

During the contract work broken rock was mucked with an Eimco loader and trammed to the skip pocket by a Mancha trammer that pulled two cars per trip. From the skip pocket it was loaded through a chute into a 1,000-pound-capacity bucket that rides in wooden V-shaped guides. A 40-hp Coeur d'Alene Hardware Company, single-drum, electrically-powered hoist set beside the shaft collar on the Norquist level raised the buckets and dumped them into a 2-compartment storage pocket above the level. Muck was drawn from the storage pocket through chutes into cars and hand-trammed to the ore bin on the hillside above the mill or to the waste dump on the slope below the framing shed.

Air was furnished by a 320 cfm Sullivan compressor installed in the mill building. The mine was dewatered in two stages: an IR 2MRV40 motor pump at the 800 level shaft station discharged behind a dam approximately 20 feet south of the 400 level shaft station and an IR 2MRV50 motor pump installed in the 400 level drift south delivered the water to a ditch along the adit crosscut. The amount of water pumped varies with the season but is not excessive.

The project work was completed without the aid of ventilation fans. While the drifts were being driven, the air at the faces was fairly good, but after the drift work had been finished and stoping operations were begun, the air supply was obtained by compressed air. Some places on the 800 level are almost devoid of oxygen and may be dangerous to enter.

GEOLOGY

The geology of the Clark Fork district is described by A. L. Anderson, in "Geology of the Lead-Silver Deposits of the Clark Fork District, Bonner County, Idaho," U. S. Geological Survey Bulletin 944B, 1943-46. Information from Anderson's report has been used freely in this report.

The deposits of the district all lie within the Wallace formation and the overlying Striped Peak formation of Belt rock of Precambrian age. The only other sedimentary formation in the area is the older Prichard formation which lies north of the Hope fault, a major structure (pl. 3). Glacial deposits cover large areas of the mountains, and recent alluvium deposits cover the valley floors. Diabase and porphyry dikes associated with the Hope fault are the only igneous rocks in the area. Granodiorite occurs in several places outside the district mapped by Anderson.

Throughout the Clark Fork district the Belt strata form the west limb of an open syncline several miles in breadth, with the Hope fault cutting directly across the fold. The Wallace and Striped Peak formations on the southwest side of the fault strike N. 20°-30° W. and dip from 10° to 25° SE. In the Prichard formation northeast of the fault the beds strike N. 20°-30° W. and dip 15°-20° SE. The Hope fault strikes N. 55°-60° W. and probably dips more than 70° SW. Anderson estimates a horizontal displacement of about 12 miles, and the vertical displacement is not less than 1,800 feet and probably several times as great.

The lower part of the Prichard formation is composed of argillaceous quartzites and nearly pure quartzites that grade into shaly or argillaceous beds near the top of the formation. The upper shaly portion is about 1,500 feet thick and is typical of the upper portion of the same formation in the Coeur d'Alene district. The Prichard lies northeast of the Hope fault and forms the Cabinet Mountains (pl. 3).

The Wallace formation is a calcareous shale or argillite that contains numerous thin beds of impure quartzite. The formation, which Anderson reports to be more than 6,000 feet thick, as a whole is heterogeneous; it is greenish-gray in color and has a distinctive weathering characteristic that is due to the more soluble limy portions of the rock. The Whitedelf mine is in the Wallace formation, which lies west of Lightning Creek and forms Howe Mountain (pl. 3). The lower portion of the Striped Peak formation is essentially a thin-bedded bluish-gray shale with interbedded massive beds of banded greenish argillite and argillaceous quartzite. These rocks grade upward into a great thickness of reddish sandstone and shale alternating with olive-drab colored shale, argillite, and quartzite. These rocks occupy the Middle Mountain, Clark Fork, and Antelope Mountain areas (pl. 3). The Hope and Lawrence mines and several other smaller properties east of Clark Fork are in this formation.

The Belt rocks have been folded in broad open folds that strike nearly north. In the immediate mine area the beds strike N. 20°-30° W. and dip 10°-12° NE. and form the west limb of a syncline several miles in breadth.

The most prominent structural feature is the Hope fault with its related faults. Anderson believes that some of the related faults are responsible for the silver and lead deposits in the district. Although there are many smaller faults that diverge from the Hope fault, only two types have been found that have lead and silver ore bodies along them -- the low-angle thrust faults and the high-angle reverse faults.

The low angle thrust faults are prevalent in the weaker shaly portion in the lower part of the Striped Peak formation. Most of these faults strike north-northeast to northeast, but a few strike northwest; their dips are about 10°-30° SE. or NE. Dips and strikes along these faults vary within short distances and these low-angle faults cut the bedding of the strata at a considerable angle. The movement along these faults is slight. Considerable production along this type of mineralized structure has come from the Elsie K vein at the Hope mine and from the Lawrence mine.

The high-angle reverse faults prefer the more competent Wallace formation. At the Whitedelf mine the most important of these faults contains the Pearl vein (pls. 1, 4, and 5). This mineralized fault strikes N. 35°-45° E. and dips 65°-70° SE. Drag folds in the mine workings show reverse movement, and slickensides show that the last movement was diagonal.

High-angle normal faults striking about N. 35° W. and dipping from 50° to 70° SW. have been found in the district. The most important of these faults was cut at the Hope mine. Diabase dikes commonly fill the openings, and some sulfide minerals are occasionally associated with the dikes. Luxuriant vegetation marks the outcrop of the dike fault in the Hope mine. The direction of movement appears to be vertical.

Two sets of strike-slip faults that are sharply contrasted in magnitude and trend have been recognized. One set has minor faults, all of which trend in the northeast quadrant. The first set of faults is related to the Hope fault both in direction and in movement. The second set is best illustrated by the Pugh fault at the Whitedelf mine and the Norquist fault at the Hope mine. Prominent topographical outcrops are formed by these faults, which strike N. 70° E. and dip nearly vertically.

Anderson has correlated the time sequence of folding, faulting, and mineralization in the following order:

1. Folding

2. Emplacement of Batholithic masses outside the immediate area (late Jurassic or Cretaceous)

3. Hope Fault (late Cretaceous or early Tertiary time)

4. Low-angle thrust faults

5. High-angle reverse faults } may be contemporary

6. High angle normal faults }

7. Strike slip faults

8. Mineralization

9. Fault movement

10. Another period of mineralization

11. Fault movement

As stated before, the producing mines in the district are along the low-angle thrust faults and the high-angle reverse faults. Anderson separates the mineral assemblages into two periods; the first group resembles the Coeur d'Alene type of mineralization, and the second, or later, type consists of minerals formed by hypogene enrichment. The early minerals are galena, sphalerite, tetrahedrite, bournonite, pyrite, arsenopyrite, siderite, rhodochrosite, quartz, barite, and calcite. The late hypogene minerals are quartz, pyrargyrite, semseyite ($9PbS.4Sb_2S_3$), jordanite ($4PbS.As_2S_3$), and bournonite ($Cu_2S.2PbS.Sb_2S_3$). The last three minerals are rarely seen in the hand specimen.

Much of the ore comes from compact seams and lenses composed entirely of massive sulfides, but some occurs in stringers or as disseminated grains.

The localization of the ore shoots in the area appears to be structural and has no relation to chemical composition of the wall rock. The ore was deposited in openings created by separation of the walls during faulting. Ore deposition in both the low-angle and high-angle faults prefers local flattening of the dips, as is logical for reverse movement along mineralized faults. Union of ore seams also increases the width of the ore bodies. Recurrent faulting with consequent reopening of the mineralized faults during the period of mineralization has been an important factor in the

distribution and localization of ore shoots, for the deposits that were not disturbed after the early period of mineralization were not enriched by the younger high-silver mineralizing solutions. Apparently the low-angle thrust faults and the high-angle reverse faults have had less movement and thus less gouge was formed, allowing the openings to be filled with the mineralizing solutions. The faults with large gouge zones are rarely ore producers.

The broken and crushed zones along all the faults cut in the Whitedelf mine are altered and leached. Sericite is the major alteration mineral.

Factors that improve the ore deposition along the Pearl vein are the flattening of the vein by a few degrees and the possibility that the Wallace formation in the upper workings of the mine is more siliceous than normal. Anderson mentions the Wallace formation in the vicinity of the Whitedelf mine is more quartzitic than that examined higher or lower in the formation. The more quartzitic rock probably forms better openings for ore deposition and undoubtedly is responsible for disseminated ore minerals found in the walls of the vein on the upper levels. Dips taken along the ore shoots on the Pearl vein on the upper levels indicate that the vein is a few degrees flatter than those taken on the 800 level.

Project Geology

The exploration project was justified by data obtained from USBM DDH-3 which intersected ore in the North ore shoot approximately 272 feet below the 800 level. In addition, it was believed that the other known ore shoots would extend to the 800 level.

The original exploration project consisted of deepening the existing inclined shaft, crosscutting to the Pearl vein, and drifting northeast to explore the North ore body. Later the contract was amended to drift southwest to test the South ore body.

No important structure or faulting was encountered during the shaft sinking; however, a fracture was encountered near the 800 level that is related to a major fractured and broken area that was later cut in the crosscut and in the southwest drift (pl. 1).

The crosscut intersected a small pod of ore on the Pearl vein that was about 8 feet long and 4 feet wide and that apparently did not continue above or below the drift. The crosscut was driven farther as it was not realized at the time that the Pearl vein had been reached. This crosscut intersected a vein striking N. 46° W. and dipping 56° SW., composed of quartz and minor amounts of galena, sphalerite, and rhodochrosite. A few feet from the face of the crosscut a large cross fault striking N. 80° E. and dipping 73° SE. was

cut, which is believed to be the Pugh fault. Beyond the Pugh fault the same vein that had been followed in the crosscut was again found; it was about 6 feet wide and was composed mainly of quartz, with minor amounts of sulfide. Assays from samples cut across the face were low in metal content (pl. 1). Since this vein was not productive, the work was discontinued and a drift on the Pearl vein was started to the northeast; the major strand of the vein encountered in the crosscut was cut at approximately 15 feet. Assays from samples cut across the vein showed very little metal content. This northwest striking vein did not offset the Pearl vein and was not found in the southeast wall of the Pearl vein. The Pugh fault did not displace this vein much, but the dip is flatter north of the fault. Neither this vein nor any similar structure was encountered on the 400 level to the northeast.

The Pugh fault, which was cut 240 feet northeast of the crosscut, is a minor fracture compared to the large fault zones found on other levels. Anderson reports about 112 feet of strike slip on the Pugh fault in the Norquist adit, whereas only about 20 feet of strike slip movement was found on the 800 level. The difference in the amount of movement along this fault between the Norquist adit and the 800 level might be explained by a fractured zone encountered in the first 220 feet of the southwest drift. It is possible the Pugh fault dissipated its movement along many fractures. It is also possible that this fault may be a hinge type, with the hinge area near the 800 level. The first ore shoot encountered in the northeast drift is 145 feet from the crosscut and about 30 feet from the Pugh fault. This shoot is 2.5 feet wide and 80 feet long and averages about 30.0 ounces silver per ton and less than 1 percent lead. The ground in this area is badly fractured, and dilution and difficult ground conditions are expected if this ore shoot is mined.

Seventy feet northeast of the Pugh fault small stringers of ore from 1 to 6 inches wide were found along 300 feet of the drift, and some of this material was milled during the drifting. Beyond this 300-foot point the ore in the vein widened to 10-12 inches, and galena was disseminated in the footwall for approximately 2.5 feet. This ore shoot, which is the downward continuation of the North ore body mined down to the 600 level, was followed for about 95 feet to where the vein became barren. (Geologic maps by Hecla Mining Company, figures 1, 2, and 3, show the geology and assay results on the 465 level and the 500 level. Also see plate 2.) The Operator and lessees have followed this ore shoot up the dip for approximately 130 feet. The stope is about 60-70 feet long.

USBM DDH-3 cut this ore shoot approximately 272 feet below the 800 level. The ore in this hole averaged 22.2 ounces silver per ton and 17 percent lead, indicating that the vein is wider and richer at depth than it is on the 800 level.

A footwall branch or split in the Pearl vein was encountered at the northeast end of the North ore shoot. This split continued 120 feet to the northeast, and long holes southwest of the ore shoot cut the same branch vein (pl. 1). Ore was again encountered to the northeast beyond the junction of the two vein strands, and it continued to the present face. The ore along the vein was in lenses that ranged in width from 1 to 10 inches. Assays from samples show the ore was of good grade (pl. 1). Seventy feet back of the face the Operator drove a raise 42 feet on the widest portion of the vein, and approximately 30 tons of concentrate were recovered from ore from the raise and the stope. The Operator reported that the ore terminated against a fault at the head of the raise, and the operation was discontinued.

The first ore encountered in the SW. drift was the downward continuation of the Dougherty ore body. This vein intersection on the 800 level was from 4 to 6 inches wide and extended along the drift for 25 feet.

The Thornton ore shoot was cut approximately 600 feet beyond the Dougherty ore shoot. The intervening drift was practically barren of ore minerals. The Thornton ore shoot is about 110 feet long and the vein averages about 4-6 inches in width. (See plate 1 for the assay results from samples cut along the vein.) Two raises have been driven on this ore shoot, one for about 15 feet and the other for about 42 feet. The vein pinched down to about 2 inches in width in the face of both raises.

From the Thornton ore shoot to the face of the drift the ore in the vein ranged in width from 1 to 8 inches. Two raises (shown on plate 1) were driven up on the vein, but the Operator discontinued them when the mine was leased to the miners who drove the drifts. The Operator reported about 1½ feet of ore in back of the northeast end of the stope.

The 800 level drifting shows that the ore shoots discovered on the upper levels extend downward, but the veins are much narrower and in most cases mining them is not profitable.

THE PROJECT

The Operator originally applied for a procurement contract, but the mine's developed reserves were insufficient to qualify for it and he was advised to apply for exploration assistance under the Defense Production Act of 1950. The program the Operator proposed consisted of deepening the 400-foot winze an additional 600 feet and driving 1,000 feet of drifts and crosscuts on the new level at an estimated cost of $150,000.

The Field Team examining engineers considered three alternate proposals: (1) to drift on the Pearl vein 1,300 feet from the adjoining Hope mine, then sink a 300-foot winze on the ore shoot to the level of the drill hole intersection; (2) to rehabilitate the main 400-foot winze and the 400 level drift north, then sink 600 feet of winze in the North ore shoot and drift on the 1000 level; or (3) to sink a new 2½-compartment vertical shaft 1,000 feet from a collar site near the mill, then drift 2,500 feet on the 1000 level. The Operator rejected proposal (1) because there was excessive water in the Hope mine and because it was not possible to make an arrangement satisfactory to the two companies involved. Proposal (2) was considered impractical because extra handling of muck would be necessitated if extensive exploration were to result from the sinking. Proposal (3) offered some advantages because it would have obviated the necessity of working through the existing winze which was in poor condition, and it was favored by the Field Team. DMEA, however, favored deepening the existing winze because the cost would be less.

The contract as approved included rehabilitation of and repairs to the existing winze, deepening it 400 feet to the 800 level, installing a skip loading pocket on the 800 level, and 1,100 feet of drifting, of which 900 feet was to be northeasterly to the projected position of the North ore body and 200 feet southwesterly to the projected position of the Dougherty ore body. This was essentially the program proposed by the Operator; the only change was limiting the shaft extension to 400 feet from the 600 originally proposed.

The contract, dated October 19, 1951, was effective for 12 months. Work got off to a slow start, and standards of the early work were considered by Field Team representatives to be inadequate with highlyunsatisfactory safety conditions. Consideration was given to recommending withdrawal of Government participation in the contract. At the request of J. J. Forbes, Director, U. S. Bureau of Mines, and with the permission of Compton I. White, Jr., superintendent of the Whitedelf mine, a safety inspection was made on February 14, 1952, by L. H. McGuire and P. F. Yopes of the Seattle office of the Bureau of Mines, accompanied by M. E. Volin and E. A. Magill of the Mining Division of Region I, Spokane, Washington.

In the safety inspection report McGuire listed many undesirable conditions and practices and recommended measures that would improve mine safety but did not condemn working through and extending the existing winze for exploration purposes. For the exploration program the report recommended that (1) the sheave wheel be regrooved and reset with a permanent ladderway installed for servicing, (2) the hoist be anchored securely in a concrete foundation, (3) hoist drum flanges be built up, (4) the hoist brake be made

automatic, (5) some of the shaft timber be replaced, (6) new ladders be installed with collars at 20-foot intervals, (7) the cable be replaced and diameter reduced to 5/8-inch, (8) a log be kept of all cable servicing, (9) idlers be added in the hoisting compartment to protect sill timbers from excessive wear, and (10) several modifications be made to the skip when installed. It also recommended changes in the electrical installations, testing the adit level for suspected subsidence, improvement in communication between levels, and many operational safety measures.

Following the safety inspection, rehabilitation and shaft sinking were performed under subcontract, all such contracts being approved by the Government. Rehabilitation was done by local miners under several contracts with the Operator, and the shaft was sunk by R. S. McClintock Co. in a highly satisfactory manner.

The main level adit was retimbered where necessary and rewired. The shaft station, ore pockets, and chute lips on the adit level were retimbered, the rope raise enlarged and timbered so the hoist cable would have sufficient clearance and require no idlers, and the sheave wheel was relocated and a ladder for servicing it provided. Timber was placed under a brow on the south side of the main level shaft station, and a concrete foundation that contained anchor bolts to secure the hoist was poured.

Portions of the 400 level drift south were retimbered, and the South adit from the portal to the hole-through of the raise from the 400 level was cleaned out, retimbered, and lagged as necessary to provide an escapeway from the 400 level. A dam was built near the 400 level shaft station to impound water from the upper levels and from shaft sinking.

The winze was completely retimbered from the collar to 65 feet below it; the footwall wall plates were repaired where cut by the wire rope from 65 to 445 feet; and four helper sets were placed in the fault zone above the 400 level. Slide and angle blocks were renewed from the collar of the shaft to the bottom of the winze and all ladders replaced, offset with collars.

The contract authorized $165 per foot for shaft deepening. The shaft contract was let for $155 per foot, with the Operator furnishing electric power, air, hoisting facilities, pump and pump station on the 400 level, ore cars, ventilation fan and pipe, and all timber. These increased the cost of sinking considerably over the amount paid to the contractor. The Field Team approved furnishing of timber by the Operator at not in excess of $50 per M. The contractor pumped the water to the 400 level and furnished labor, materials except those furnished by the Operator, and water and air line below the 400 level. He wished to use a hoisting bucket in the sinking operation, so a skip was not installed, nor has it been since.

The 2-compartment shaft was sunk a total distance of 415 feet; outside dimensions average 14 by 8 feet and the compartments are $4\frac{1}{2}$ by $4\frac{1}{2}$ feet in the clear. Under contract with local miners a shaft station was cut on the new level; it is 10 feet deeper than originally planned in order to take advantage of firmer ground. Crosscutting and drifting were carried out as described under Project Geology.

The original contract was an actual cost contract, and it was estimated that 1,100 feet of drifting would be completed with the funds allowed. Drifting costs, however, were lower than estimated, and 1,368 feet were completed under this phase of the contract This put the north drift into the North ore shoot, and the south drift cut the Dougherty ore shoot.

The Operator requested further drifting and the Field Team agreed that it was warranted. The contract was amended, adding 1,500 feet of drifting, with the specification that at least 500 feet be used to extend the 800 level north drift through the projected position of the northernmost boundary of the North ore shoot; the remainder was to be used to continue drifting southerly to and through possible 800 level extensions of the Thornton and South ore shoots. Government participation was still on an actual cost basis, but in the Amended Contract 1,500 feet was the maximum allowable footage, and $46, the maximum allowable average cost per foot.

The contract was terminated after all target areas were reached and after all but 84 feet of the drifting authorized was completed.

There were eight amendments to the contract. Amendment No. 1, dated April 15, 1952, effective January 1, 1952, changed minor equipment items and cost and added a provision to pay for auditing.

Amendment No. 2, dated August 20, 1952, effective the date of the Original Contract, changed the completion date from 12 to 24 months from October 19, 1951, andincreased the allowable cost of the project from $120,250 to $163,950. The cost of winze rehabilitation was increased from $12,000 to $17,600, the winze deepening from $165 to $180 per foot, and the drifting from $32.50 to $52.50 per foot; equipment to be purchased was decreased from $4,500 to $3,977.55 to incorporate changes made by Amendment No. 1; and a contingency fund of $10,602.45 was added. This amendment was necessitated by actual costs of the work.

Amendment No. 3, dated December 15, 1952, effective the date of the contract, authorized transfer of contingency funds to equipment purchase to buy a standby pump.

Amendment No. 4, dated April 29, 1953, effective January 1, 1953, increased the permissible hourly charge for labor and authorized drifting on a bonus or unit contract between the Operator and the miners. This was done because it tended to increase labor efficiency.

Amendment No. 5, dated November 23, 1953, changed the completion date from 24 months from the date of the contract to not later than April 19, 1954. It also extended the royalty repayment period to 11 years from the date of the contract.

Amendment No. 6, dated May 5, 1954, effective October 19, 1951, added 1,500 feet of drifting on the 800 level, increased the total contract amount from $163,950 to $232,950, extended the completion date to not later than May 1, 1955, and changed the royalty repayment period to 12 years. The value of the Government's equity in equipment purchased was set at $1,045, to be repaid by deductions of $1 per foot of drift completed until the entire amount was retired.

Amendment No. 7, dated May 26, 1955, extended the completion period to March 1, 1956. Annex III, accompanying Amendment No. 7, extended the royalty repayment period to 14 years from the date of the contract and provided for payment of royalty without certification of the property from the date of the contract to the end of the period within which certification could be made.

Amendment No. 8, dated November 14, 1955, allowed a recess in project work from July 1, 1955, to January 1, 1956, extended the completion date of the contract to September 1, 1956, and extended the royalty repayment period to 15 years from the date of the original contract, or until October 19, 1966.

The contract was terminated by mutual consent on October 12, 1956, effective July 31, 1956.

Ore Reserves

The ore reserves are difficult to calculate because most of the ore shoots on the 800 level, except the North ore body, are not wide enough to mine profitably at the present time, and very little is known of the actual width and grade of the ore mined just off the 400 level.

The indicated ore reserves were calculated, assuming a 2.5-foot mining width. The tenor of the ore was calculated by weighting and averaging analyses of samples cut on the 800 level. There is no information on the tenor of the ore above the 800 level except in the North ore body on the 400 and the 500 levels. Assays of samples from the 500 level and the 800 level were used to calculate the grade of ore in this shoot. It is estimated that about 19,410 tons of indicated ore is present in the mine; of this amount 8,975 tons is estimated in the North ore body below the 800 level to a point 100 feet below USBM DDH-3 (pl. 2).

The South ore body averages 2.4 ounces silver per ton and 1.0 percent lead on the 800 level. This is too low grade to be considered as indicated ore and is not included in the reserves.

The Thornton ore body is assumed to be continuous from the 400 level to the 800 level. There is no factual information as to the grade or width of the ore on the 400 level. Calculations are based on sample analysis of the ore section on the 800 level. Two raises in the ore zone, one of 15 feet and one of 42 feet, showed a 2-inch width of ore at the face. This indicates that the ore body will not be minable for its entire strike and dip. This was taken into consideration in calculating indicated ore reserves. It is estimated that there is 3,450 tons of ore in this shoot averaging 7.9 ounces silver per ton and 2.2 percent lead.

The Daughtery ore body cannot be considered in the ore reserves as there is no information on the grade or width on the 400 level and the 800 level did not cut any mineralized zone that could be considered as ore.

The first ore encountered in the northeast drift (White ore body, pl. 2) had a strike length of 80 feet, averaging 28.8 ounces silver per ton and 0.8 percent lead. Assuming this ore body is continuous half the strike length along the dip, there is estimated 900 tons of indicated ore.

The North ore body has an estimated 6,083 tons of indicated ore from the 500 level to the 800 level, averaging 12.8 ounces silver per ton and 7.1 percent lead. There is an estimated 8,973 tons of indicated ore in the North ore body below the 800 level, assuming the ore body extends 100 feet below USBM DDH-3 (pl. 2). The grade of the ore is estimated to be the same as the ore above the 800 level, i.e., 12.8 ounces silver per ton and 7.1 percent lead.

Table 3. - Ore Bodies and Indicated Reserves

	Tons	Silver oz/ton	Lead %
South ore body	---	2.4	1.0
Thornton ore body	3,450	7.9	2.2
Doughtery ore body	---	---	---
White ore body	900	28.8	0.8
North ore body: 500-800 level	6,085	12.8	7.1
North ore body: Below 800 level	8,975	12.8	7.1
	19,410	12.6	5.9

Factor used in calculating tonnage was 2.5 tons per cubic yard of ore in place.

Exploitation Possibilities

Basis for the indicated ore reserves is as follows:

North ore body 500 to 800 level.--The amount of stoping off the 500 and 600 levels is not actually known. Assay averages from samples taken on the 465 and the 500 levels are shown on figures 2 and 3. From these samples and 2 samples cut on the 800 level (pl. 1) the ore is estimated to average about 12.8 ounces silver per ton and 7.1 percent lead.

The average width estimated for this block of ore is 2.5 feet; this figure is based on the width of the ore shoot on the 465, 500, 600, and 800 levels and has been reduced to allow for portions of the area that may not be mined. The tonnage indicated for this block is 6,085 tons.

North ore body below the 800 level.--The width of this block of ore is estimated to be about 2.5 feet thick. This estimate is based on a 3- to 4-foot width of vein cut in USBM DDH-3 and the width of the North ore shoot on the 800 level. The grade of this block of ore is questionable, but the assay of the core in USBM DDH-3 where the vein was cut was 22.2 ounces silver per ton and 17.0 percent lead. Assays from 4 samples cut along the level (pl. 1) also give an indication of what this block may average. It is estimated that 8,975 tons, averaging 12.8 ounces silver per ton and 7.1 percent lead, may exist below the 800 level in this area.

White ore shoot.--Nine hundred tons of ore averaging about 28.8 ounces silver per ton and less than 1 percent lead is estimated in this area. This ore shoot will not extend very far up dip before it will be cut by the Pugh fault. Ground conditions in this area are bad and will cause dilution and mining will be difficult.

Dougherty ore body.--Only 4 to 6 inches width of ore was cut on the Dougherty ore shoot on the 800 level, but since this shoot was mined from the 400 level to the surface, it is possible that the shoot might continue and be found below the 400 level. No tonnage is computed for this ore shoot.

Thornton ore body.--The Thornton ore body cut on the 800 level averages 0.98 foot in thickness and contains about 18.5 ounces silver per ton and 4.8 percent lead. It is interesting to note (pl. 1) the difference between the assay results from samples cut by the Operator (samples prefixed with "O") and those cut by the field examiners. Samples cut by the Operator were not used in the averages figured above, and it is possible the grade stated above may be low. It is estimated that 3,450 tons may exist in this ore block (pl. 2). The average grade of the ore is 7.9 ounces silver per ton and 2.2 percent lead assuming a 2.5-foot mining width.

South ore body.--This block averages 2.4 ounces silver per ton and 1.02 percent lead for a 2.5-foot mining width and cannot be considered ore. The vein averages less than 1 foot in width on the 800 level and raising and stoping have not been profitable. The Operator has reported that about 1½ feet of ore remains at the northeast end of the stope.

At the present time the Operator, Compton I. White, Jr., has leased the 800 level to the two miners who drove the drifts. They have been stoping the North ore body and as of June 1, 1957, this stope is about 135 feet above the drift. Approximately 80 feet of ground on the North ore body remains between the face of the stope and the 600 level. These old levels are full of water, and it is doubtful if the lessees will hole into them. However, this should be done to aid in ventilation and to serve as an escapeway from the 800 level.

It is doubtful if the Whitedelf Mining and Development Company will resume operations except by leases to individuals. If, however, the company is unwilling to finance the cost of raises along the known ore shoots and to install adequate ventilation, it is probable that no satisfactory leasing agreements will be concluded and operations will cease.

Since the South, the Thornton, and the Dougherty ore bodies were stoped on the 400 level, it is believed that minable ore exists

near the 400 level, and raises might profitably be extended to test these areas. Exploratory drifts from the raises should also be driven to make certain that better portions of these ore bodies are not missed in the raises.

Summary of Factual Data

Units completed and their cost 1/ to the contract are:

Item	Units	Unit cost	Total cost 2/
Rehabilitation	Job		$ 24,047.01
Shaft deepening	413	$177.865	73,458.38
800 station	Job		2,090.09
Drift and crosscut	2,782	44.676	124,287.28
Total			$223,882.76

1/ Reflects only cost charged to contract

2/ Salvage value prorated

Total amount of contract	$232,950.00
Government's share at 50 percent	116,475.00
Total amount expended	$223,882.76
Government's participation	3/ 111,941.38
Total amount unexpended	$ 9,067.24
Government's share unexpended	4,533.62
Royalty payments received	$ 3,211.16

3/ Operator debited $200 in lieu of a final report.

Several items of equipment were purchased during the early days of the contract. The Government's equity in the equipment and nonexpendable materials and supplies purchased prior to May 5, 1954, was repaid in full by deductions of $1 per foot of drift subsequent to this date according to the terms of Amendment No. 6. Following is the basis on which the Government's equity was established:

Item	Cost	Gov't. equity	Repayment basis (50%)
1-R sump pump 2 MRV-50 motor pump Coffing ratchet hoist 1-R 2 MRV-40 motor pump	$2,256.54	$1,128.28	$ 564.13
Rail and splice bars	520.65	260.32	130.16
Pipe and pipe fittings	1,404.28	702.14	351.07
Total	$4,181.47	$2,090.73	$1,045.36, rounded to $1,045.00

When the contract was terminated, the Government had an equity only in materials and supplies purchased subsequent to Amendment No. 6, as follows:

Item	Cost
Pipe	$802.38
Rail	784.06

The Operator's bid of $277.63 for the Government's equity in these was accepted.

Discussion of Conclusions

The work completed under the contract was done satisfactorily except in the south drift where the Operator did not set timbers as needed and portions of the drift caved, causing delays in advance toward the south ore bodies. The Operator had difficulty in maintaining a labor force at the property at all times as the miners would leave to work in the logging industry during summer months because of higher wages and better working conditions.

The ore bodies intersected on the 800 level generally were not as high grade as were mined on the 400, 500, and 600 levels. The ore bodies are not consistent in width and values. Raises driven on the south and the north ore bodies showed that the vein pinches from a 2.5-foot width to about 2 inches in a distance of 40 feet. The South ore body on the 800 level was not of commercial grade, and the Doughtery ore body did not extend to the 800 level in sufficient width, grade, or strike length to be considered as ore. The exploration completed on the 800 level indicated that the veins did not increase in width or grade with depth. Future exploration, if any, should be

diamond drilling below the 800 level on the Thornton, White, and North ore bodies to determine their approximate width and grade. This information could be used in determining if it would be economically feasible to exploit these ore shoots. Geological investigations in progress by the U. S. Geological Survey and others in and near the district may give new information on the thickness of the Wallace formation or more information on the lithology of the Wallace. If it could be shown that at reachable depth the Pearl vein passes into a more favorable wall rock, the chances for finding significant ore bodies would be greatly enhanced. Such a change might result from the vein entering the underlying and probably more favorable St. Regis formation or from a change in the lithology of the Wallace itself. Unless there is a change in conditions of this kind further exploration of the Pearl vein at depth does not appear attractive.

The indicated ore reserves of 19,410 tons are not large enough for a full-scale mining operation, and it is anticipated that this ore will probably be mined by lessees during winter months when there is no work in the logging industry in the immediate area.

Enclosures
Distribution:
DMEA(3)
USBM(5)
USGS(SRO)
Docket

HECLA MINING COMPANY
BURKE IDAHO
ENGINEERING OFFICE

Subject Whitedelf Mine
Clarks Fork Idaho

Computed by R.E.S.

Scale 1" = 20' Date 7-14-39

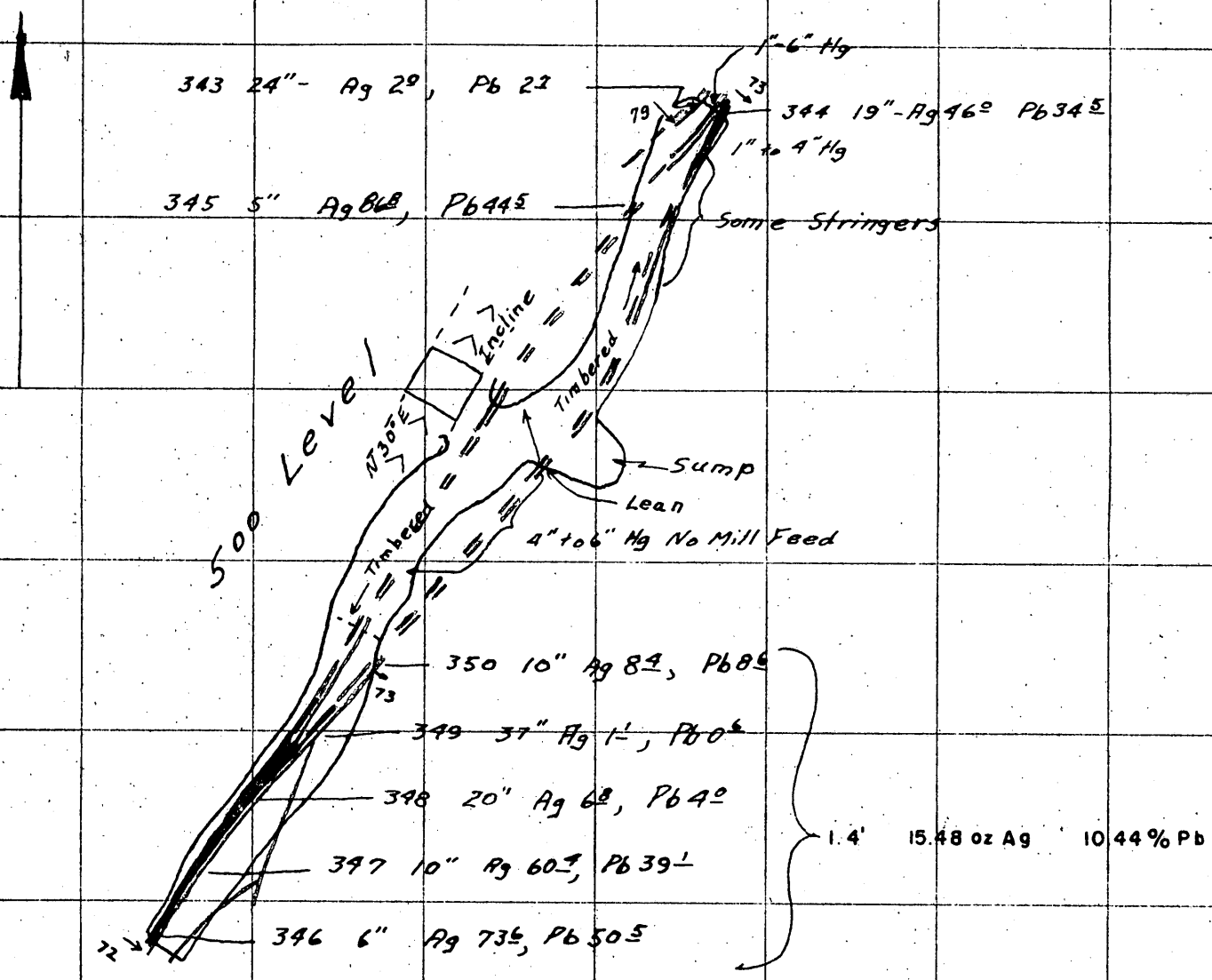


Fig 2

"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF.

Exhibit X

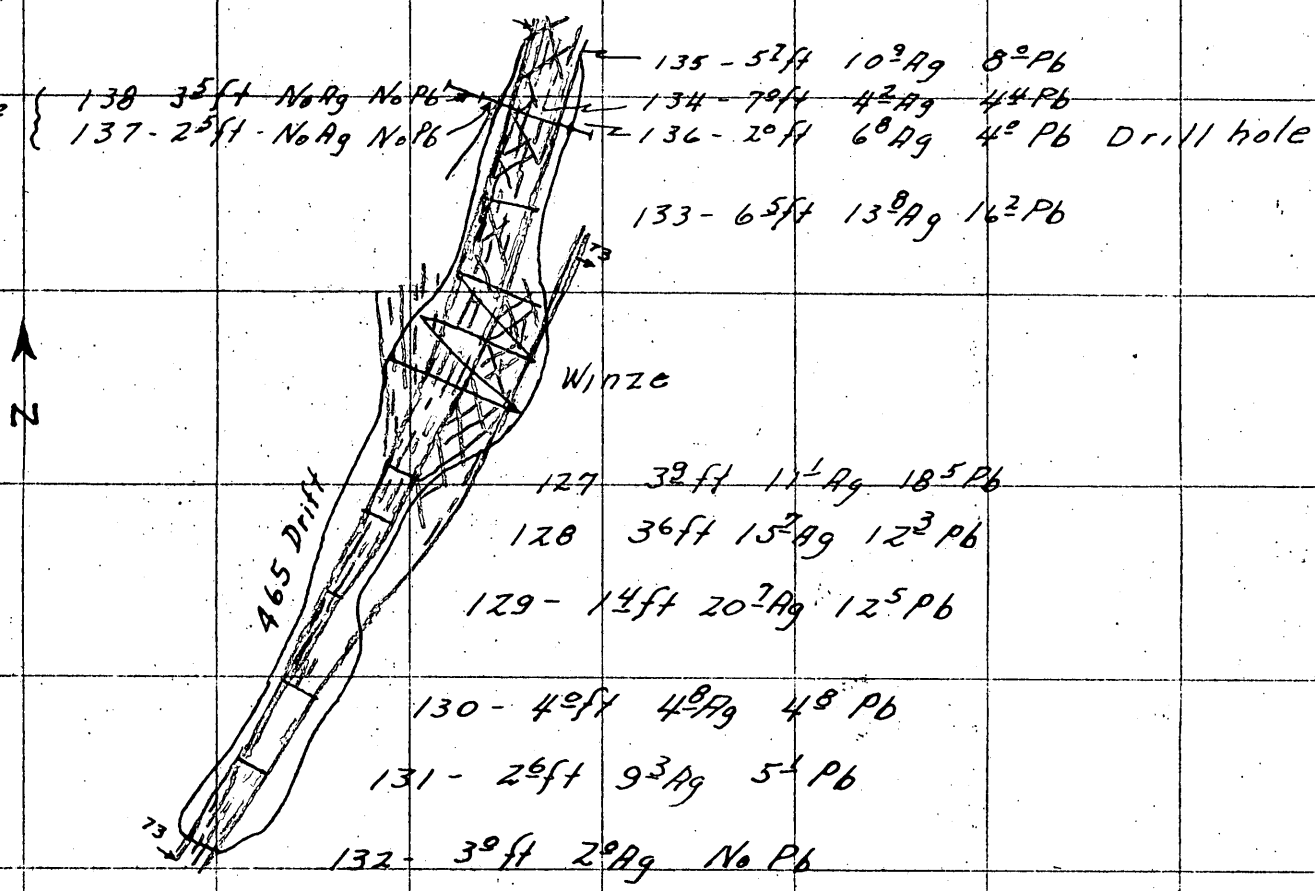
DMA 255 X
(Final Report)

HECLA MINING COMPANY
BURKE IDAHO
ENGINEERING OFFICE

Subject Whitedelf Mine
Clarks Fork, Idaho

Computed by R.E.S.

Scale 1" = 20' Date 6-28-38



Drift average 4.3', 10.18 oz Ag, 10.03 % Pb

Fig 3

"ALBANENE" NO. 166M K&E CO., N.Y.
REG. U.S. PAT. OFF.

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DMEA
RECEIVED SEP 18 1958

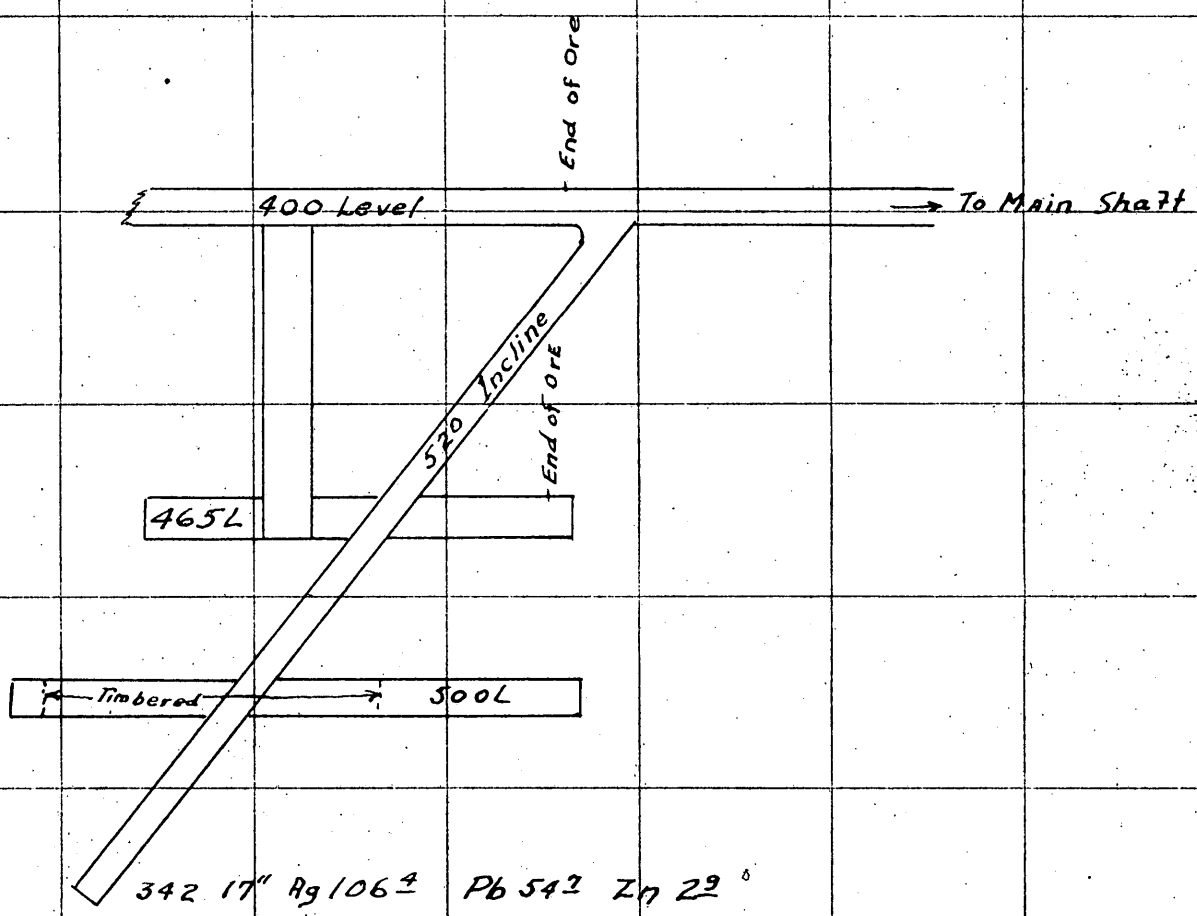
DATE	INITIALS	CODE

HECLA MINING COMPANY
BURKE IDAHO
ENGINEERING OFFICE

Subject Whitedelf Mine
Clarks Fork, Idaho

Computed by R.E.S.

Scale 1" = 40' Date 7-14-39



Section Looking Easterly

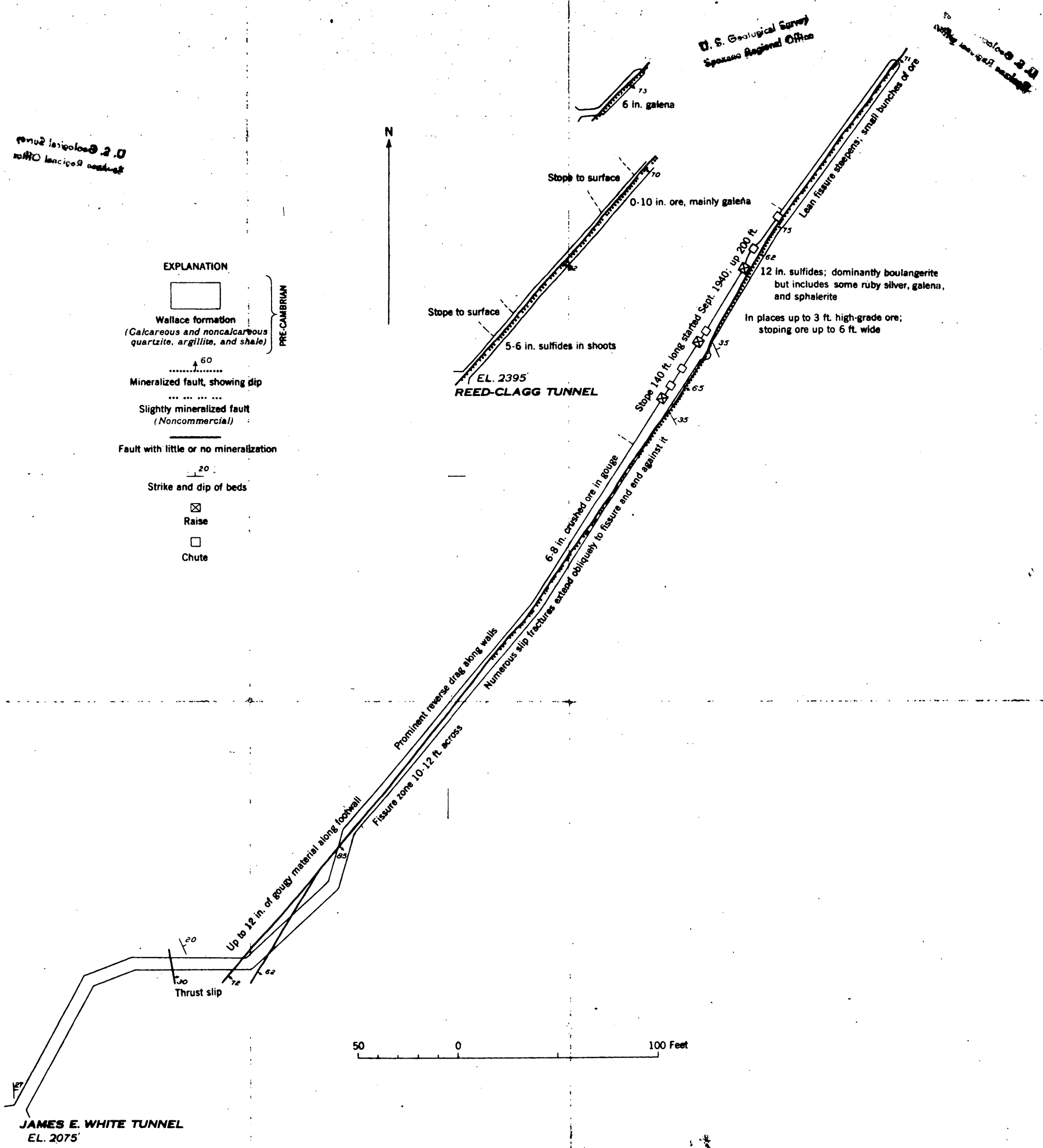
Fig 1

"ALBANENE" No. 166M K&E CO., N.Y.
REG. U.S. PAT. OFF

Tlnt

DMA 255X
(Final Report)

U. S. Geological Survey
Spokane Regional Office



PLAN OF WORKINGS ON SOUTHWEST SEGMENT OF THE PEARL VEIN AT WHITEDELF MINE SHOWING GEOLOGY ON LEVELS, BONNER COUNTY, IDAHO

PLATE 5

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DMEA
RECEIVED SEP 18 1958

DATE	INITIALS	COST

DMEA-255

Maps for
Final Field Team
Report - Proj I -
August 1958 -

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

PROJECT SUMMARY REPORT (Incomplete)
(No final Reports or final Audit)

By: Jacob W. Alt Date: February 23, 1954

1. DMA Docket No. 255 (Lead)
   Contract No. Idm-E189
   Property: Whitedelf Mine
   Bonner County, Idaho

   Operator: Whitedelf Mining and Development Co.
   Clark Fork, Idaho

   Operator's Property Rights: R. F. C. Loan in amount of $25,000.00 S½, NE¼, Sec. 34, T56N, R2E, Boise Meridian — owned by Applicant, except 5% of the mineral rights which are held by Compton I. White. Subordination Agreement dated November 14, 1951 N½, NE¼, Sect 34, T56N, R2E, Boise Meridian— Held under lease. Date of lease, March 30, 1926, owners Compton I. White and Josephine White. Landlord's Subordination Agreement dated October 10, 1951

2. Contract dated October 19, 1951, to complete, 12 months

Work Authorized

1.	Deepen existing winze from present 400 level sump to the 800 level, 400 feet @ $165.00/ft.	$ 66,000.00
2.	Installing skip loading pocket on 800 level	2,000.00
3.	Drift 900 feet northeasterly along the pearl fissure zone to the projected position of the north orebody. Drift 200 feet southwesterly along the pearl fissure to the projected position of the Daugherty orebody — 1100 ft. @ $32.50/ft.	35,750.00
4.	Equipment to be purchased	4,500.00
5.	Rehabilitation and repairs to existing winze	12,000.00
	Total Estimated Cost	$120,250.00
	Government Participation	$ 60,125.00

Amendments

No. 1 - April 15, 1952
Add Operating Equipment to be Purchased — amount of $547.55 and delete 1 sinking pump — $350.00
Under Labor and Classification, add Auditing — $100.00 maximum salary per month $100.00

No. 2 - August 20, 1952
Change completion time from 12 months to 24 months
Change the estimated total cost of the project from $120,250.00 to $163,950.00, and Government participation from $60,125.00 to $81,975.00.

Estimated Cost of the Project

1. Deepening existing winze 400 ft. @ 180/ft.	$ 72,000.00
2. Install skip loading pocket on 800 level	2,000.00
3. Drifting, 1100 ft. @ $52.50/ft.	57,750.00
4. Equipment to be purchased	3,997.55
5. Rehabilitation and repairs to existing winze	17,600.00
6. Contingencies — for unforeseen expenditures with reference to all the above items	10,602.45
Total Estimated Cost	$163,950.00

No. 3 - December 15, 1952

1. Equipment to be purchased	$4,847.55
2. Contingencies	$9,752.45
3. Operating Equipment to be Purchased — add —	$ 850.00

No. 4 - April 29, 1953
Pertains to miners' rates of pay

No. 5 - November 23, 1953
Changes completion time from 24 months to not later than April 19, 1954.
Annex I attached — The period 11 years is substituted for the period ten years.

Work Completed (to January 1, 1954) MF-104 statement for month of December 1953

Rehabilitation and repairs	$ 17,937.11
Equipment purchased	2,748.88
Station	3,554.13
Drifting and crosscutting 1074⅓ ft. @ $46.54	50,009.23
Deepening existing winze 418 ft. @ $182.36	67,225.49
Total Cost of Project to Jan. 1, 1954	$150,474.84

Unexpended balance of 1/1/54, before audit— $13,475.16

3. Audit Certificate: No final audit has been made as work of contract has not been completed as of date of this report.

4. Certification date: As per teletype of February 12, 1954 from Executive Officer, Region II Field Team, certification is recommended.

5. As of January 1, 1954, 1074½ feet of drifting and crosscutting have been completed on the Pearl vein of the 800 level. Memorandum dated February 12, 1954, by Howard B. Nickelson, Geologist to DMEA Field Team, states: "Two ore bodies were found which might be mined, although both probably are of marginal grade. The first ore body is about 40 feet long and reaches a maximum of 42 inches in width. The ore assayed 30 ounces of Ag. and less than 1 per cent lead from two samples taken at the same place by the Operator.

"The second ore body near the face of the northwest drift is 30 feet long with a 4 to 8 inch streak of ore on the hanging wall. Galena filled fractures extend to the footwall strand of the Pearl vein. The area between the footwall and the hanging wall is rather low grade with the richer portion bordering the hanging wall. Samples have been taken as shown on the enclosed map, but the returns have not been received.

"Mr. White has temporarily abandoned the raise shown on the map because the ore has pinched out in the back. Another raise will be started in the fracture-filled area to provide ore for milling. Mr. White reported a small shipment of concentrates made from ore mined from the raise. Smelter settlement has not been received.

"Concentrates previously shipped have amounted to 16.968 tons which have paid $151.88 royalty to the DMEA. These concentrates were obtained from development ore saved from the DMEA drifting. The grade of ore as received at the mill is not available.

Mr. White was advised to swing the southwest drift to the south to intersect the hanging wall strand of the Pearl vein. The southwest drift has been driven through an area of broken and crushed argillite beds in the footwall of the vein."

Mr. Weissenborn, in his letter of February 12, 1954, states: "It is obvious that not much of a 'discovery' can be claimed from the results to date, but since the Operator is producing ore that he would not have produced except for the DMEA contract, we feel that the Government is entitled to royalty on this ore; therefore, we recommend that some certification be made so as to be able to collect this royalty, but we also recommend that the certification be worded very carefully so that there can be no misunderstanding as to the nature and importance of the discovery."

J. W. Alt

J. W. Alt

☒ Audited 11/16/56. WORK ANALYSIS SHEET - DMEA PROJECT ① ☒ Actual Cost

☒ Certified 2/8/57. Analysis as of 3/31/55 Incl. Voucher for June 1956. ☐ Agreed Unit Costs

Name WHITEDELF MINING & DEVELOPMENT COMPANY Docket No. 255X

State IDAHO Commodity LEAD Idm-E No. 189

OPERATION	AUTHORIZED Units	AUTHORIZED Cost	COMPLETED Units	COMPLETED Cost	NET COST
Drifting & Crosscutting @ 46 ①	1500' 1100'	$69,000.00 57,750.00	2,801.5'	$126,554.74	$125,037.37
Raising					
Shafts	400'	76,225.49	413'	76,225.49	76,225.49
Winzes					
Drilling (Specify)					
Surface Excavation					
Underground Excavation Skip Pocket (800)		3,554.13		3,554.13	3,554.13
Roads and Trails					
Operating Equipment Purchased		4,847.55		2,256.54	1,128.66
Surface Rehabilitation & Repairs					
Underground Rehabilitation (Wings)		17,937.11		17,937.11	17,937.11
New Building, Improvements, etc.					
Other (Specify) Contingencies		3,635.72			
Totals		$232,950.00		226,508.01	223,882.76

Checks Audit!

Date of Contract - October 19, 1951.
① allowable maximum
Amend #6 & 7 Incorporated,
9/1/56. Completion Date,
Amend. No. 8.
Access July 1, 1955 - January 1, 1956.
15 yrs. Royalty Payment Period.
Royalties in arrears. ——— 1956.: ———
" paid to March 1958. $3,211.16
Operator's Final Report received Jan 6, 1958.

Proceeds from Property Disposal
Rails & Spiked Bars $ 534.65
Pipe & Fittings 982.72
Equipment Purchased 1,127.88 $2,645.25

Prepared by W. K. Hugenscheid.

Termination Agreement dated October 12, 1956
Expiration date of Royalty Payments - October 19, 1966.
Ore Reserves
± 36,000 Tons 7.9 oz. Ag and 4.6% Pb.

71626

actual

White Cliff Mining Dev. Co. — Idaho — 255X

Amend. 2. 3. 4. & 6

(1) 400' Shaft Deepening @ ~~$165.00~~ 180.00		X ~~72,000.00~~ ~~$66,000.00~~
(2) Installing Skip Pocket on 800		X 2,000.00
additional amend 6: 1500' Drifting @ ~~$46.00~~ max 52.50		X 69,000.00 X 57,750.00 ~~35,750.00~~
(3) 1100' Drifting @ ~~52.50~~		X 4,847.55 ~~3,997.55~~ ~~4,500.00~~
(4) Equip. Purchase		X 17,600.00 ~~12,000.00~~
(5) Rehab & Repairs in Mine		X 9,752.45 ~~10,602.45~~
(6) Contingencies.		X 232,950.00 ~~$ 160,950.00~~ ~~130,350.00~~

Gov. Equity in Equipment Price N.C.C. is:
$1,045.00
deduct 1.00 for from additional (amend 6)
to write this off.

June 1956 June 1955

2707.5 2687.5 (or 2592.5) (2644.5)

2592.5 (2644.5)

2,470.5'

2,252' 2,342' 2,395.5'

2,102' 2,104' 2,025'

Drifts + Crosscuts

		~~181,046.43~~ ~~117,845.11~~
		~~123,852.20~~ ~~115,014.13~~
		~~111,926.34~~
		~~108,639.67~~
		~~104,849.56~~
		~~99,802.84~~
		~~95,862.66~~
		~~95,862.75~~
		~~90,483.66~~ X

413' Shaft		76,225.49 X.
Equipment Purchases	100,465.61	2,748.88 X.
Surf. Rehab + Repairs. (95 inge)		17,937.11 X.
Station (800)		3,554.13 X.

~~190,949.67~~

~~194,267.36~~

~~194,268.27~~

~~200,268.48~~

checks Cert. Off. ~~205,316.17~~

~~207,105.38~~

~~212,391.95~~

~~215,479.74~~

~~218,310.72~~ corrected to F.T.

~~221,512.04~~

223,717.81

DMEA Form 7
(12-56)

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Date	Surname	Code
7/21	Griswold	500
7/21	Talbert	800
7/21	Sawyer	100
"	Johnson	110
"	Hatendorf	100
7/22	C	220
		500
	Martin	130

500

JUL 22 1958

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

We have your letter of July 11, 1958, covering royalty matters under the cited contract.

Essentially, our position is that if an Operator transports its own ore the transportation expense is not deductible for royalty calculation. Since in the case you cite, the ore was not transported by the Operator (Whitedelf Mining & Development Co.), the deduction is valid, provided that Compton L White was acting as a bona fide trucker, in his individual capacity.

The fact that he was an officer of the company would not prevent his also having an independent contract with the company.

Sincerely yours,

W. S. Martin (esf)

ACTING Chairman, Operating Committee

APPROVED:

P. F. Yopes (esf)

Member, Bureau of Mines

Thor H. Kiilsgaard (esf)

Member, Geological Survey

WRGriswold/er (7/18 & 21/58)
Copy to: Docket
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

8623

DMEA Form 7
(12-56)

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Date	Surname	Code
7/18	Griswold	500
7/18	Talbert	800
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500

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-255I (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

We have your letter of July 11, 1958, covering royalty matters under the cited contract.

Essentially, our position is that if an Operator transports its own ore the transportation expense is not deductible for royalty calculation. Since in the case you cite, the ore was not transported by the Operator (Whitedelf Mining & Development Co.), the deduction is valid. ~~We assume that Compton I. White was acting as a bona fide trucker, rather than merely resorting to subterfuge.~~

Sincerely yours,

Chairman, Operating Committee

APPROVED:

Member, Bureau of Mines

Member, Geological Survey

WRGriswold/er 7/18/58
Copy to: Docket
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

8623

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

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DMEA
RECEIVED JUL 17 1958

DATE	INITIALS	CODE
7/17	H.g.	225
7/17	WPS	500

July 11, 1958

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract Idm-E189 (Term. & Cert.)

Dear Mr. Selfridge:

Smelter lots Nos. 186 to 200, inclusive, with the exception of smelter lot No. 198, shipped by the Operator, a corporation, to the Bunker Hill smelter were hauled by Compton I. White, Jr., president of the corporation. The smelter made haulage deductions, which were paid directly to Mr. White, before computation of the Government's percentage royalty. These haulage deductions amount to $808.48.

Even though the Smelter made the deduction and paid the haulage charges to Mr. White, the trucker, as an individual, we are uncertain whether these haulage deductions are valid since Mr. White is an official of the Operator corporation. If these deductions are improper, then the royalty due the Government amounts to $40.42.

We would appreciate your view on this matter.

By Field Team Region I

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

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

cc: USBM (2)
USBM(AD)
Turner
CPF

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

January 15, 1958

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

Re: Field Team Final Reports for Docket Nos. DMEA-255, DMEA-2764, DMEA-3142, DMEA-3668 and DMEA-4687

Dear Mr. Selfridge:

This is in reply to your letter of January 8, 1958, regarding the status of certain final Field Team reports.

Docket No. DMEA	Operator	Status of final report
255	Whitedelf Mining Company	75 percent completed.
2764	Bunker Hill Company	90 percent completed.
3142	Howe Sound Company	40 percent completed.
3668	Harold Hogan and Ed Pohl	While the effective date of termination was December 1, 1956 this was not determined until June 15, 1957. We have been trying to get the Operator to dewater and muck out the winze for a final measurement and have finally given him until February 10, 1958 to do so.
4687	Howe Sound Company	30 percent completed.

Due to terminations during last summer and fall, we now have about 26 final reports to get out. We are pushing as hard as we can to have as many as possible completed before next field season.

By Field Team, Region I

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

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

cc: USBM (2)

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

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DMEA
RECEIVED JAN 13 1958

DATE		CODE
1/13	C	220
1/13		800
		525

January 9, 1958

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Enclosed are two thermofax copies of the Operator's final report, received in this office January 6, 1958. Also enclosed are two copies of a letter dated January 3, 1958 from the Operator and our answer of January 8, which are self-explanatory.

We are holding the original and three copies of the final report which the Operator sent us in case he requests their return in lieu of payment for them.

Sincerely yours,

D. R. MacLaren

D. R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Enclosures

cc: USBM (2)
USBM (AD)
Turner

So. 157 Howard Street
Spokane 4, Washington

January 8, 1958

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Gentlemen:

This will acknowledge receipt of your final engineering and geologic report for work completed under the cited contract. This report was received on January 6, 1958.

The requirement of submitting a final report was brought to your attention in our letters to you dated October 29, 1956, January 31, 1957 and May 13, 1957. In our letter of May 13, 1957 we stated that "Unless an acceptable final engineering and geologic report is received by July 15, 1957, the Government will withhold payment otherwise due for work performed under the contract in the amount of $200."

Since the report was not received by July 15, 1957, you were notified on July 23, 1957 that such a withholding had been made and the account was then closed.

By Field Team, Region I

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

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

cc: DMEA (3)
USBM (2)
USBM (AD)

PTON I. WHITE
ETARY-TREASURER
LARKS FORK, IDAHO

COMPTON I. WHITE, JR.
PRESIDENT
CLARKS FORK, IDAHO

E. O. CLAGG
VICE-PRESIDENT
CLARKS FORK, IDAHO

RECEIVED
BUREAU OF MINES
JAN 6 - 1958
SPOKANE, WASH.

Wack

WHITEDELF MINING AND DEVELOPMENT CO.

MINE OFFICE
CLARKS FORK, IDAHO

FISCAL OFFICE
401 EMPIRE STATE BLDG.
SPOKANE 1, WASHINGTON

EASTERN OFFICE
608 NORTH CAROLINA AVE. S. E.
WASHINGTON, D. C.

January 3, 1958

Department of Interior
Defense Minerals Exploration Administration
N. 1201 Division Street
Spokane 2, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Dev. Co.
Bonner County, Idaho
Contract No. Idm-E189

Dear Sirs:

We enclose final report by Compton I. White, Jr. in connection with the above captioned loan. Mr. White sent only two copies of this report, which he prepared in Clark Fork. We have today made two additional copies to comply with the requirements of your Department, and are mailing these to Mr. White for his signature. As soon as they are returned we will forward to your office.

We assume this account can now be closed by the payment by you of the additional $200.00, which has been withheld pending receipt of this report.

Very truly yours,

WHITEDELF MINING AND DEVELOPMENT CO.

E. I. Fisher, Secretary

EIF:d
2 encs.

DATE
OFFICIAL FILE COPY
DMEA
DEN JAN 13 1958

F I N A L R E P O R T

E X P L O R A T I O N C O N T R A C T

Idm - F - 189

W R I T E D E L F M I N E

CLARKFORK LEAD-ZINC DISTRICT

BONNER COUNTY, IDAHO

SUMMARY

Exploration under the subject contract to explore the possibilities of deeper ore occurrence in the Pearl Vein in the Whitedelf Mine was completed in July, 1956. Particular target areas were the downward extension of the North and South ore bodies as disclosed on the 600 foot level of the Whitedelf Mine. The exploration was also initiated to further verify the findings of the U. S. Bureau of Mines diamond drilling project conducted on the Pearl Vein and reported in Bureau of Mines Report R.I. 5022.

The exploration project consisted of deepening the main winze of the Whitedelf Mine, which united in the underground of the Pearl Vein at the 600 foot level. Stations were cut at the 810 foot level and [illegible] drifts were driven [illegible] Vein behind the winze. Drifts on the vein were driven to the north and south and intersected the downward extension of the north and south ore bodies at the level [illegible]. [illegible] several small ore bodies were discovered in the drifts. The north and south ore bodies at this level exhibited considerable mineralization, [illegible]

Clark Fork, Idaho
December 27, 1957

Department of the Interior
Defense Minerals Exploration Adm.
1301 N. Division St.
Spokane 2, Wash.

Contract Idm-E-189
Docket No. 2[illegible]X

Attention: Mr. A. L. Weissenborn, Executive Officer, U. S. Geological Survey

Subject: Final Report,
Exploration Project Contract dated October 29, 1951.

Gentlemen:

After final approval of Subject Contract on Nov. 14, 1951, work was started at the Whitedelf mine in preparation for deepening the main mine winze. This consisted of removing machinery and putting the 400 foot level in proper condition for discontinuance of mining. Work was started in the form of road building on the mine property for procuring timber required for the sinking operation. During March, 1952 the mine station above the collar was retimbered under an approved contract. Mine timbers were delivered to the property and stored.

During the month of April, 1952 the collar of the winze and four sets below the collar were retimbered. The hoist was reset on a cement base. A 2MRV50 pump was received from Ingersoll-Rand Corp. and installation was started.

During the month of May, 1952 dams and piping were installed to deliver the water made in the old workings to a station pump on the 400 foot level. General repair in the old workings was completed. A contract was entered into with R. S. McClintock to complete the rehabilitation of the Whitedelf winze to the 450 foot level and to extend the winze to the 850 foot level. Work under the contract was started June 23, 1952. During the month of July the rehabilitation of the main winze by the contractor was completed.

The old bottom of the winze was cleaned and the first round was fired in the bottom of the winze July 25, 1952. At this time the winze was surveyed and a line established for the downward extension of the winze. At the end of August the winze had been extended 48 feet. The winze was extended during the month of September 70 feet, making the total new depth attained 118 feet. During the month of September an electric sinking pump was installed in the manway compartment, and so installed that it could be lowered as sinking progressed. At the end of October the winze had been extended 184 feet or a total depth below the main sill of 627 feet. A 54 foot extension of the winze was completed during the month of November.

of 1952 the total extension of the winze was 318 feet. 300 feet of sinking had been accomplished in fairly t bedding, but at this point the rock became thin bedded competent. This required that the ground be caught after blasting. This was done with very little difficulty.

g the month of December, 1952 a 2M-V40 Ingersoll-Rand pump purchased for installation on the 800 foot level. In January, the winze was extended 73 feet. On February 7, 1953 the winze had been extended a total of 413 feet, this included 22 feet of sinking done during the month of February, 1953. On this date contract with R. S. McClintock was ended. A labor contract to a station at the 810 foot level was let at 50 cents per cubic for a total excavation, including skip-pocket of 3,000 cubic t. It had been originally planned to cut a station with the foot point being the floor of the station, however, a low angle crossed the winze at approximately the 790 foot level, a thin bedded less competent strata above, from a more tent bedding below. It was decided to deepen the winze a nal 10 feet and place the station floor at the 810 foot l.

-pocket and station were completed on Feb. 28, 1953, and contract was let for a drift to intersect the downward of the Pearl vein at a cost of $10.00 per foot and pro- r an additional $4.00 per foot where timbering would be ir d.

March, 1953 the cross cut on the 800 foot level was ad- ed 146 feet, for a total of 158 feet of drifting. At a point feet from the winze 42 inches of sulfides were intersected. This occurrence was apparently in the foot-wall of the Pearl vein. The drift was continued into the foot-wall normal to the strike of the vein to make sure that the total fractured area would be explored. Small amounts of sulfides and a structure normal to Pearl vein were evident in the cross cut. The cross cut was extended an additional 71 feet during the month of April, 195 it was assumed that the entire Pearl vein had been intersected.

as outlined in the DMEA program the drift along the strike of the Pearl vein to the north was started. This drift was extended 37 feet during April. The 42 inches of mineralization intersected where the cross cut went through the foot-wall of vein was apparent- a very local deposit. This ore body was pinched down to a streak in the first round to the north. In May, the north drift was advanced 97 feet. A small amount of water was encountered in the drift and 35 minutes pumping each 24 hours would dewater the 800 foot level. The downward extension of the Pearl vein was intersected in June, 1953 during the month the drift was extended 111 feet.

mineralized zone in the Pearl vein was disclosed in the last 70 feet of drift before intersection of the Bush fault. The first 45 feet was apparently of a commercial nature and had an average width of approximately 2½ feet. Two samples were taken by the operator in this section, both over a width of 42 inches. One sample gave an assay result of 1.3 per cent lead and 28 ounces of silver per ton.

During the month of July, 1953 the drift following the Pearl vein was extended 90½ feet. The vein on the north side of the Pugh fault exhibited the correct dip and strike and was otherwise similar to the Pearl vein. The apparent horizontal displacement of the Pugh fault was approximately 20 feet. The drift to this point had required timbering for more than 30 per cent of its [illegible]. In August the drift to the north along the Pearl vein was extended 99½ feet. A cross cut was [illegible] into the hanging [illegible] feet to explore the hanging-wall [illegible] and provide a [illegible] point. A small amount of [illegible] was encountered along the foot-wall but at no place assumed [illegible] material nature. [illegible] extended eighty feet in September. [illegible] foot-wall area, [illegible] following [illegible] small [illegible] of sulfides [illegible] opened up to approximately [illegible] width. [illegible] sample taken across the six inches by the Bureau of Mines [illegible] of 15.1 per cent lead, [illegible] per cent zinc and 45. [illegible] of silver per ton. At no point was a commercial amount of [illegible] intersected during the month. During the month of October the drift was extended 116½ feet. In the last 50 feet of the [illegible] mineralized areas were apparent along the foot-wall [illegible] and some [illegible] mineralization was observed in the [illegible] the country rock along the hanging-wall side of the vein.

[illegible] and three feet of drift were [illegible] during the [illegible] of November, 1953. The first 13 [illegible] of this drift disclosed [illegible] commercial shoot of ore. [illegible] taken by the [illegible] States Bureau of Mines across [illegible] of 1.25 feet re[illegible] an assay values of 2.56 per cent lead, 0.43 per cent zinc [illegible] ounces of silver per ton. The drift was then extended [illegible] through a barren section of the vein to where a small slip [illegible] intersected. The vein was mineralized with sulfides to the [illegible] this slip. Close observation [illegible] structure indicated [illegible] occurrence was on the hanging-wall portion of the vein. [illegible] turned approximately 30 degrees and driven through [illegible] foot-wall side and was in ore for [illegible] approximately 30 feet. [illegible] point the foot-wall was intersected and the foot-wall [illegible] observed to be in place. The mineralized area at the point of intersection, when projected normal to the strike and dip, [illegible] approximately 17 feet in width. A sample taken across a width of 4 feet by the Bureau of Mines resulted in the following metal [illegible]: 4.95 per cent lead, 1.44 per cent zinc and 6.40 ounces of silver per ton. The mineralized [illegible] the vein along the foot-wall was opened for an approximate distance of 65 feet. The mineralization was observed to be mainly mill ore. The total of the drift to the north during the month of December was 77½ feet.

After putting in one round in the north drift the first week of January, 1954, the operator and the Bureau agreed to discontinue this drift. A total of 1040 feet of drift had been required to explore the north ore body.

After completing this drift to the north it was felt that any available funds left under the contract should be applied to the exploration of the Pearl vein south of the first intersection. From the experience in the north drift, the funds remaining under the contract would result in a possible drift to the south of

agreement was reached by the operator and the
es and concurred in by the U. S. Geological Survey
this would be the proper procedure. Therefore,
week of January the mining equipment and crew were
the point where the cross cut intersected the Pearl
the winze and the drift to the south was started.
month of January, 1954 the drift to the south was
feet.

ry 70 feet of drifting were completed in the south drift.
ture encountered was badly broken and the course of the
very difficult to determine. After completing several
oles and checking calculations and projections, a bearing
the drift was taken to re-intersect the Pearl structure. In
which the drift was realigned with the Pearl vein and extended
feet. During the month of April, 1954 the drift to the south
extended 93 feet.

At this point the available money under the contract had been e-
and application was made to the [illegible] for additional funds
to complete the exploration to the south. The purpose of this ex-
ploration was to explore the downward extension of the south or
of the Pearl vein. A request was made to provide for 1500
feet of drifting, included in this total was 300 feet of drifting,
to be used to further explore the Pearl vein to the north. This
request was granted in the form of amendment number 6 to the con-
tract which was approved on the 5th day of May, 1954. While these
negotiations were in progress no exploration work was completed
during the month of May. In June, 1954 the drift to the south was
started under the amendment and the drift was extended 10 feet.
In July, 70 feet of drift were completed to the south. The ex-
tension of the drift during the month of August was 75 feet. The
structure through which the drift was driven was badly faulted
and required that the drift be timbered. The drift was extended
[illegible] feet during the month of September. Ninety two feet of drift
were completed during the month of October, 1954. The structure
at this time showed several zones of movement and small amounts
of sulfides occurred in this stringer in the hanging-wall portion
of the vein.

Considerable siderite mineralization was encountered in the course
of drifting during the month of November, a short stringer of
Galena, 1½ to 3 inches in width, was disclosed just ahead of
U.S.B.M. station 412. In this section of the drift considerable
water was intersected, which approximately doubled the amount
from the level. During this month the drift was extended 97
feet. During the month of December additional water was picked
up in the drift. In this month 90 feet of drifting were completed.

Small amounts of sulfide mineralization were encountered while
extending the drift 85 feet in January, 1955. During the month
a small turbine pump was installed on the 800 foot station to
aid in the removal of the increased water.

During the month of February, 1955, the downward extension of
the Thornton ore shoot was intersected. The disclosure occurred
along the vein for 20 feet. The ore occurrence had an average
width of approximately 12 inches. Six samples of ore taken from
the mineralized section of the vein averaged 38.03 per cent lead
and 136.9 ounces of silver per ton. During the month the drift

was driven 63 feet. During the month of March, 79 feet of drift was completed. A mineralized portion of the vein 2 inches to [illegible] inches in width was followed for the entire distance. The nature of the ground required timbering.

The drifting to the south on the Pearl vein was advanced 70 feet during the month of April. A mineralized zone was encountered in the drift at the end of the month and continued in the drift for two rounds, attaining a width of approximately three feet. At this point the mineralized zone entered into the hanging-wall. Significant mineralization continued along the foot-wall. During the month of May, 1955 the drift was extended 50 feet to the south on the Pearl vein. The drift during this period continued to follow the foot-wall of the vein until a small slip entering the vein from the hanging-wall and terminating at the foot wall, changed the formation from a highly altered zone to a bedding plane formation showing considerable folding. The foot-wall continuing to the south on past the slip. The foot-wall was followed for approximately 35 feet but continued to diminish in strength. At the end of the period it was decided to return to point north of the slip and run a stub drift into the hanging-wall to realign the drift on the ore bearing slip or wall. This stub drift was extended 53 feet into and along the hanging-wall of the vein during the month of June.

On the 10th of June the drift program was stopped due to the lack of mine labor. It was decided that the exploration program would be held in abeyance until skilled labor became available. A recess was authorized by amendment 8 of the contract.

On November 15, 1955 the exploration program was resumed, certain rehabilitation of the 800 foot level had to be completed before the drift could be started. On December 10, the first round was taken to extend the south drift. At the end of the month drift had been advanced 57 feet.

In January, 1956 the south drift was extended 77½ feet. This drift was completed in the hanging-wall section of the vein and was mineralized for its entire length. The width of the ore ranged from 2 feet to 8 inches. Two samples taken across the widest portion of the mineralized section gave the following assay results: The first sample showed 4.1 per cent lead, 0.2 per cent zinc, and 14.7 ounces of silver per ton. The second sample indicated 1.7 per cent lead, 0.3 per cent zinc, and 32.7 ounces silver per ton. Mineralization was also evident in both and foot and hanging-walls and made it practical to send the entire drift round to the mill.

During February, 1956 the drift to the south was extended 33 feet. All but the last two rounds were sent to the mill. At this point it was decided to stop the drift to the south and resume the drift to the north. This was done and the drift to the north had been advanced 38 feet at the end of the month. A small amount of mineralization was encountered in the drift and in small slips in the hanging and foot-walls of the vein.

The drift to the north was advanced 102 feet during the month of March. At one point the foot-wall streak opened into a small shoot of ore with a maximum width of approximately 6 inches. This shoot extended for approximately 15 feet. In April, 1956, the north drift was further extended 72 feet. A second small ore body

was disclosed during this drifting. This shoot extended approxi-[illegible]ely 20 feet and had a maximum width of 8 inches. A sample [illegible]en across the 8 inch width by the Bureau of Mines gave assay results of 70.4 per cent lead, .07 per cent copper, .05 per cent [illegible] and 131.4 ounces of silver per ton.

[illegible] the month of May the 800 foot level was advanced 43 feet to [illegible]. At this point it was agreed by the operator and the Bureau of Mines representative that the remaining footage left [illegible] the contract be used to extend the [illegible] drift where mineralization was still evident in the face. The north drift at [illegible] time of work stoppage was barren and had been barren during the [illegible] few rounds.

After considerable timber repair during the month of June, the [illegible] drift was extended 16 feet. During the last month of the exploration contract the drift to the south on the Pearl vein was advanced 58½ feet. The section of the vein exposed by this exploration showed a narrow mineralized zone. The zone occurred along the foot-wall of the vein and had a average width of 6 inches. Mineralization of this nature was still evident in the south face at the termination of the contract.

It was agreed at this time that the [illegible] as outlined in the exploration contract had been fully [illegible] and formal request for termination of the contract as [illegible], 1956 was made to the Bureau of Mines on September 4, [illegible] termination request was subsequently approved and the exploration contract was terminated.

During the course of the exploration [illegible] four mineralized zones were disclosed on the 800 foot level in addition to the downward extension of the North, South and Thornton ore bodies. A preliminary evaluation of the commercial values of the ore [illegible] indicates that a tonnage of [illegible] has been developed that would maintain ore production [illegible] to near the capacity of the 75 ton flotation concentrator on the Whitedelf property. Earnings for the most part would be [illegible], but due to the amount of silver contained in the ore, could be successfully mined. No [illegible] profitable mining operation on the 800 foot level will [illegible] an adequate price for the metals mined as the cost of [illegible] will be somewhat higher than the costs experienced in larger [illegible].

Yours very truly,

WHITEDELF [illegible] DEVELOPMENT CO.

[illegible], PRESIDENT

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/6	Griswold	500
1/8	RCS	1304
"	Johnson	110
		~~[illegible]~~
		~~[illegible]~~
1/9	gb	820
		~~[illegible]~~

500

JAN 8 1958

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Field Team Final Reports for Docket Nos. DMEA-255, DMEA-2764, DMEA-3142, DMEA-3668 and DMEA-4687.

Dear Mr. Weissenborn:

The following projects have been concluded for some time. Kindly let us have the final Field Team reports as soon as convenient.

Docket No. DMEA-255	Whitedelf Mining Company
Docket No. DMEA-2764	Bunker Hill Company
Docket No. DMEA-3142	Howe Sound Company
Docket No. DMEA-3668	Harold Hogan and Ed Pehl
Docket No. DMEA-4687	Howe Sound Company

Sincerely yours,

George C. Selfridge
(esf)
Chairman, Operating Committee
WRGriswold/er 1/6/58
Copy to: Dockets (5)
Admr R File
Op. Committee
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

O. M. Bishop
(esf)
Member, Bureau of Mines

Thor H. Kiilsgaard
(esf)
Member, Geological Survey

8623

DMEA
RECEIVED NOV 4 1957

DATE	INITIALS	CODE
11/4	gb	220
11/4	[illegible]	800
11/5	alf	500

So. 157 Howard Street
Spokane 4, Washington

October 30, 1957

Mr. Compton I. White, President
Whitedelf Mining and Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-8189 (Term.)

Dear Mr. White:

This is in reply to your letter of October 28, 1957, in which you ask us to make available to Mr. D. H. Olson the DMEA information that is in our files regarding the Whitedelf mine.

We will be glad to talk to Mr. Olson if he should care to call at the office, but we are not authorized to show our reports to anyone other than a DMEA representative. ?

Sincerely yours,

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

cc: DMEA (2) w/2 copies of incoming
USBM (2)

COMPTON I. WHITE, JR
PRESIDENT
CLARKS FORK, IDAHO

WHITEDELF MINING AND DEVELOPMENT CO.

MINE OFFICE
CLARKS FORK, IDAHO

FISCAL OFFICE
401 EMPIRE STATE BLDG.
SPOKANE 1, WASHINGTON

EASTERN OFFICE
608 NORTH CAROLINA AVE. S. E.
WASHINGTON, D. C.

October [illegible] 1957

Mac
al

USBM cc

Department of the Interior
United State Geological Survey,
Defense Minerals Exploration Administration
N. 157 Howard Street
Spokane, Washington

Attn: [illegible] Herborn

Gentlemen:

[illegible] you please make available [illegible] metal, assay and development information [illegible] the Bureau of Mines office [illegible] the North-[illegible] Mining Department [illegible] Mining and Re-[illegible] Company.

Mr. Olson has explained the [illegible] requested that [illegible] him in making the [illegible] information available.

Sincerely,

WHITEDELF MINING AND DEVELOPMENT COMPANY

Compton I. White, President

CC-Mr. D. H. Olson

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 4 1957
DATE | CODE

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 4 1957

DATE	INITIALS	CODE
11/4	gb	220
		225

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

October 30, 1957

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

Re: Docket No. DMEA-255X (Lead)
Whitedelf Mining and Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

This is in reply to your letter of October 23, 1957, asking when you might expect to receive the final Field Team report on the subject project.

The engineer and the geologist who were assigned to this project are no longer in Spokane. Before leaving they submitted a report in rough draft but this will require considerable working over before it can be submitted. We will try to have the report ready by the end of November.

By Field Team, Region I

A. E. Weissenborn

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

Wing G. Agnew

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

cc: USBM (2)
USBM (AD)
Alvord

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
10/22	[illegible]	500
	[illegible]	500
10/23	[illegible]	130
"	Johnson	110
"	Matteudof	100
10/24	[illegible]	220
		225
10/23	Kiilsgaard	130

500

OCT 23 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMEA-255X (Lead)
Whitedelf Mining and Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

With reference to the cited terminated contract, will you advise us as to when we may expect to receive the final Field Team report. In your letter, dated May 24, 1957, you stated that this report is in preparation and should be completed about the end of July.

As work on this project was terminated July 31, 1956, we are anxious to complete our files for this contract.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

APPROVED:

Frank D. Lamb (FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

JWAlt/er 10/22/57
Copy to: Docket
Admm R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
9/17	Talbert	800
9/18	C	220
		225

SEP 17 1957

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Report of Review
Idm-8189, DMA-255X
Whitedelph Mining and
Development Company

Dear Mr. Turner:

Your recently submitted Report of Review amending your final Audit Certificate on the referenced project is accepted and normal distribution is authorized.

In future instances involving charges against the Operator for failure to submit the final engineering and geological report required by the contract, it is suggested that the estimated "cost" of the report be included as an "exception during audit" to the costs claimed by the Operator. This is in accord with the theory that the allowable costs provided by the contract include the estimated costs of preparing the required report.

In the instant case the net exceptions should have been stated as $878.25 and the total accepted costs as $223,482.76.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Director
Contract Administration
and Audit Division

EDTalbert/wb
September 17, 1957

Copy to: Docket
Admr. Reading File
Mr. Chambers

8623

Official

9-17 / C 220 225

1201 N. Division St.
Spokane 2, Washington

September 6, 1957

Mr. C. A. Turner
DMEA Auditor, Region I
1201 N. Division Street
Spokane 2, Washington

Re: Docket No. DMA-255X (lead)
Whitedalf Mining & Development Co.
Whitedalf Mine
Bonner County, Idaho
Contract No. Ida-X189

Dear Mr. Turner:

By letters dated October 29, 1956, January 31, 1957 and May 13, 1957, the Field Team requested the Operator under the cited contract to submit a final engineering and geological report on the completed exploration project contract in accordance with the requirements of Article 14 of the contract.

Since the Operator failed to submit such a report or inform the Government of his intention of doing so, the Field Team, by letter dated July 23, 1957, informed the Operator that the Government was withholding $800.00 otherwise due for work performed under the contract. The amount withheld is 50 percent of $400.00, which is the estimated cost of completing such a report.

It is now in order for you to issue a corrected Report of Review.

By Field Team, Region I

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

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

cc: DMEA (3)
USGS (2)
USBM (AD)

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 29 1957

DATE		CODE
7/29	P.K.	220
7/29	[illegible]	800
7/29	[illegible]	M&E

1201 N. Division St.
Spokane 2, Washington

July 23, 1957

Mr. Compton L. White, Jr.
Whitedalf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (lead)
Whitedalf Mining & Development Co.
Whitedalf Mine
Bonner County, Idaho
Contract No. Idm-5189

Dear Mr. White:

In letters dated October 29, 1956, January 11, 1957, and May 13, 1957, it was requested that your company submit a final engineering and geological report summarizing the results of work performed under the contract. Such a report is a requirement under Article 14 of the contract.

As ample time has elapsed and you have not submitted the report as required or answered our letters on this matter, the Government is withholding payment otherwise due for work performed under the contract in the amount of $[illegible].00. The amount withheld is 90 percent of $400.00, which is the estimated cost of completing such a report.

By Field Team, Region I

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

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

cc: DMEA (3)
USGS (2)
USBM (AD)
Docket
Liekes

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

OFFICIAL FILE COPY DMEA RECEIVED MAY 28 1957		
DATE	INITIALS	CODE
5/28	JWB	220
		225

May 24, 1957

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

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining and Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

This is in reply to your letter of May 17, 1957, regarding the Operator's and the Field Team's final reports on the above-referenced project.

On October 29, 1956 and again on January 31, 1957, we wrote to Mr. Compton I. White, Jr., President of the Whitedelf Mining and Development Company calling his attention to the requirement of submitting a final report. Both letters have gone unanswered. On May 13, 1957, we again wrote to Mr. White stating "Unless an acceptable final engineering and geologic report is received by July 15, 1957, the Government will withhold payment otherwise due for work performed under the contract in the amount of $200.00. The amount withheld is 50 percent of $400.00, which is the estimated cost of completing such a final report." We have received no reply.

The Field Team's final report is in preparation and should be completed about the end of July.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

cc: USBM (2)
USBM (AD)
Nickelson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
5/15	[illegible]	200
	[illegible]	200
5/17	Selfridge	430
"	Johnson	110
"	[illegible]	100
5/20	C	220
		225

500

MAY 17 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining and Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

With reference to the cited project, will you please advise us as to when we may expect to receive the final Field Team report. Also, to date we have not received the Operator's final report.

As work on this project was terminated July 31, 1956, we are anxious to complete our files for this contract.

Sincerely yours,

George C. Selfridge
(by [illegible])
Chairman, Operating Committee

JWAlt/er 5/15/57
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

Frank D. Lamb
(by [illegible])
Member, Bureau of Mines

Thor H. Kiilsgaard
(by [illegible])
Member, Geological Survey

8623

OFFICIAL FILE COPY
D M E A
RECEIVED MAY 17 1957

DATE	INITIALS	CODE
5/17	C	220
5/17	[illegible]	800
		225

1201 N. Division St.
Spokane 2, Washington

May 13, 1957

Mr. Compton I. White, Jr., Pres.
Whitedolf Mining & Development Company
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (lead)
Whitedalf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

On October 29, 1956 and again on January 31, 1957, your attention was called to the requirement of submitting a final engineering and geologic report on the completed exploration project contract in accordance with Article 14 of said contract.

Unless an acceptable final engineering and geologic report is received by July 15, 1957, the Government will withhold payment otherwise due for work performed under the contract in the amount of $200.00. The amount withheld is 50 percent of $400.00, which is the estimated cost of completing such a final report.

By Field Team, Region I, NW District

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

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

cc: DMEA (2)
USGS (2)
USBM (AD)
Turner

OFFICIAL FILE COPY

Date	Surname	Code
2/8/57	[illegible]	100
	[illegible]	100
2-8	Chambers	800
2/8	Selfridge	130
"	Johnson	110
2/18	C	220
	Mittendorf	100 NB
		225
	Lamb	
	Kiilsgaard	

FEB 25 1957

Mr. Compton I. White
and
Mrs. Josephine E. White
Clarks Fork, Idaho

Re: Docket No. IMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. and Mrs. White:

Enclosed is a copy of a certification of discovery or development, with copy of covering letter of even date to the Operator, which has been issued pursuant to the terms of the above-cited contract.

This correspondence relates to the Subordination Agreements signed by you on October 10, 1951 and November 14, 1951, and the Owners' Consents to Lien signed by you on May 11, 1954 and June 10, 1955. The Government's prior lien on the land and upon any production therefrom will continue in existence for for the length of time mentioned in the enclosed copy of letter to the Operator. You are obligated during that period to commit no act and to assert no claim in conflict with the Government's rights under the agreement signed by you, and to give notice of the Government's rights to any transferee or lessee of any part of your interest in the land or the production therefrom.

Sincerely yours,

C. O. Mittendorf
(for)
Administrator

WRGriswold/er 2/6&7/57
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Contract Adm & Audit Div.
Region II, NW Dist (2)
Mr. F. E. Johnson
Chron.

Enclosure

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/20/57	[illegible]	500
		500
2/20	Selfridge	20
2/21	C	220
2/20	Johnson	110
		225

Lamb

FEB 20 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

With reference to your letter dated February 15, 1957, regarding the cited contract, we are enclosing a copy of a certification of discovery or development, with a copy of the covering letter which are to accompany the letter to Mr. and Mrs. Compton I. White when you ascertain their address.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (JWB)

Enclosures

JWAlt/er 2/20/57

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

APPROVED:

Frank D. Lamb (JWB)
Member, Bureau of Mines

Thor H. Kiilsgaard (JWB)
Member, Geological Survey

8623

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

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 18 1957

DATE	INITIALS	CODE
		220
		225

February 15, 1957

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

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

This is in reference to your letter of February 11, 1957, requesting us to forward a letter from the Administrator to Mr. and Mrs. Compton I. White after inserting the address and date.

The Administrator's letter states that "a copy of a certification of discovery or development, with copy of covering letter * * *" is enclosed. The enclosures were not included with the letter sent to us. We noted on the Region I, NWD copy of these two documents that the Whites are not included in the distribution. Will you please send us copies so we can forward the letter as you request.

Sincerely yours,

D. R. MacLaren

D. R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW District

cc: USBM (2)
Kellum

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/6/57	J. [illegible]	500
	[illegible]	500
2-5	Chandler	500
2/8	Selfridge	130
2/8	[illegible]	110
"	Whittenberg	100

2/12 C 220 225

FEB 11 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

With reference to the certification of the cited contract, we are enclosing a letter to Mr. and Mrs. Compton I. White, who executed the Subordination Agreement and the Owners' Consent to Lien pertaining to the project. Since we lack their address, will you kindly make the necessary insertion and forward the letter.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (2/8)

Enclosures

WRGriswold/er 2/6/57
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

Frank D. Lambard (2/8)
Member, Bureau of Mines

Thor H. Kiilsgaard (2/8)
Member, Geological Survey

P. S. We understand that Compton I. White, Sr. is deceased, but the cited letter is being sent as a matter of record.

8623

OFFICIAL FILE COPY

Date	Surname	Code
2/4/57	Griswold	500
2/5/57	Robinson	140
2-7	Chambers	800
2/8	Selridge	130
"	Johnson	110

FEB 11 1957

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Company
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255 (Lead) Mittendorf 100
Whitedelf Mining & Development Co. 225
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Lamb
Kiilsgaard

Dear Mr. White:

Transmitted herewith is a certification of discovery or development related to the Exploration Project Contract No. Idm-E189, dated October 19, 1951, on the lands described in the contract.

By the terms of the Exploration Project Contract and of the certification, all minerals mined or produced from October 19, 1951, to October 19, 1966, are subject to the Government's percentage royalty as set forth in the contract until the sum of $111,941.38 is repaid to the Government.

Payments should be made to Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, South 157 Howard Street, Spokane 4, Washington. Checks should be drawn in favor of the Defense Minerals Exploration Administration. The purchaser should be advised to deduct royalties from the amount due on each shipment and forward the checks to the Executive Officer.

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

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

Sincerely yours,

C. O. Mittendorf
(for)
Administrator

WRGriswold/er 2/4/57
Copy to: Docket
Mr. C.A. Fredell, Dr.TSD, DMS
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Admr R File
Op. Committee
Region I(2)NW Dist. Cont.Adm &Addit Div.
Base Metals Finance Office - Chron.
Mr. Johnson Mr. Griswold

Enclosures

8623

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
2/4/57	Griswold	500
	Mittendorf	140
2-7	Chamber	800
2/8	Selbridge	130
"	Johnson	110
"	Mattenson	100
2/12	C	220

100
225

FEB 11 1957

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

Re: Docket No. DMA-255 (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Lamb
Kilsgaard

Dear Mr. Fredell:

Enclosed is a copy of a certification of discovery or development related to Exploration Project Contract No. Idm-E189.

The contract was dated October 19, 1951, with the Government participating to the extent of 50 per cent in an exploration project estimated to cost $232,950.00. Actual expenditures were $223,882.76, with the Government's share being half of such amount, or $111,941.38.

The total amount of work provided for under the contract consisted of rehabilitation of existing winze, 400 feet of new winze and 2,600 feet of drifting. Work actually completed consisted of winze rehabilitation, 413 feet of new winze, and 2,802 feet of drifting.

The discovery consisted of silver-lead ore occurring in a mineralized fault in the Wallace formation (argillites and impure quartzites). Estimated ore reserves are 40,000 tons with an average grade of 7.9 ounces of silver per ton and 4.6 per cent lead.

Sincerely yours,

C. O. Mittendorf

Administrator

WRGriswold/er 2/4/57
Copy to: Docket
Mr. Lamb, USBM
Mr. Kiilsgaard, USGS
Admr R File
Op. Committee
Base Metals
Region I (2) NW Dist.
Mr. Johnson
Cont.Adm & Audit Div.
Mr. Griswold
Chron.

Enclosures

R.C.G.

8623

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

February 6, 1957

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

Enclosed for your information and files are the Second Royalty Audit Certificate and Second Royalty Audit Report dated November 16, 1956.

This audit covers the sale of gold, silver, copper, lead, zinc and antimony crude ore and concentrates for the period October 31, 1955 to October 10, 1956.

Sincerely yours,

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

Enclosures

cc: DMEA (2)
USBM (2)
USBM (AD)
Nickelson
Turner
CPF

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 11 1957

DATE	INITIALS	CODE
2-11	C	220
2/11	[illegible]	800
		225

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

1201 N. Division St.
Spokane 2, Washington
January 31, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 4 1957

DATE	INITIALS	CODE
2/4	C	220
2/6	[illegible]	800
2/5	[illegible]	225

Mr. Compton I. White, Jr., President
Whitedelf Mining and Development Company
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

On October 29, 1956 we called to your attention the requirement of submitting a final geologic and engineering report summarizing the results of the work completed under the contract. This requirement is set forth under Article 14 of the contract.

We again urge you to submit your final report as soon as possible as we are currently withholding $200.00 due you and this sum cannot be released until we receive your report.

By Field Team, Region I, NW District

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

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

cc: DMEA (2)
USGS (2)
USBM (AD)

EXTRA COPY DMEA RECEIVED JAN 22 1957		
DATE	INITIALS	CODE
1-22	cw	220
1-22	JWa	500

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

January 16, 1957

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

In regard to your letter of January 11, 1957, requesting sufficient information for certification of the cited contract, the following is submitted.

Total work completed:

	Authorized	Completed
Rehabilitation	Job	Job
Shaft sinking	400 feet	413 feet
Drift and crosscut		
Original contract (by audit)	1,368 feet	1,368.0 feet
Amendment No. 6	1,500 feet	1,433.5 feet

Drifting along the Pearl vein on the 800 level resulted in the discovery of seven narrow lenses of ore averaging about 1 foot wide and totaling approximately 530 feet in length. The exploration ore from the drift produced 79.7005 tons of concentrate which contained 7,873.8 ounces silver, 91,613.6 pounds lead, and 3,743.4 pounds antimony.

From this information, assuming a 3-foot mining width, the drift produced approximately 1,000 tons of ore averaging 7.87 ounces silver, 4.58 percent lead, and 0.187 percent antimony. It is estimated that there is approximately 40,000 tons of ore between the 400 level and 800 level based on a 3-foot mining width. It is possible that the grade of the ore will increase as the mining nears the 400 level.

Also the present mining grade will be better than that reported along the 800-level drift because stoping will be confined to the wider and higher grade portions of the ore lenses found. An attempt to arrive at the grade of the ore now being mined will be discussed in the final report.

The exploration was directed along the Pearl vein approximately 400 feet down the dip from the 400 level to explore for the downward continuation of ore lenses mined from four upper levels. The results of the exploration showed the ore lenses continued to this depth but the width of the ore shoots had diminished in comparison with what was found on the upper levels.

The Pearl vein is a mineralized fault structure in the Wallace formation (Precambrian) composed of argillites and impure quartzites.

The final report is in preparation and possibly will be submitted to Washington in February.

It is recommended that the project be certified.

By Field Team, Region I, NW Dist.

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Donald R. MacLaren, Acting Member
U. S. Geological Survey

cc: USBM (2)
USBM (AD)
Nickelson

DMEA Form 7
(12-56)

OFFICIAL FILE COPY

Date	Surname	Code
1/10/57	[illegible]	500
	[illegible]	500
1/11	Selfridge	130
1/11	[illegible]	110
		~~100~~
1/14	CW	~~225~~

500

JAN 10 1957

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

With reference to the cited terminated contract, please advise us as to when we may expect to receive the final Field Team report. As work under the terms of the contract was completed in July, 1956, and the effective date of the termination agreement is July 31, we would like to certify this project as soon as we receive the necessary information.

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)
JWAlt/er 1/10/57
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Hiilsgaard, USGS
Chron.

APPROVED:

Frank D. Lamb (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

R.C.S.

8623

RECEIVED
DEC 18 1956
D.M.E.A.

xxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

December 13, 1956

Mr. Compton I. White, Jr., President
Whitedalph Mining and Development Company
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedalf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

Enclosed is a copy of an Audit Certificate and Audit Report dated November 16, 1956, for the period of November 19, 1951 to July 31, 1956 by Mr. C. A. Turner, DMEA Auditor, which is for your file.

Sincerely yours,

D. R. MacLaren
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosures

cc: DMEA (3)
USBM (2)
USBM (AD)
Turner

Talbert

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

DEC - 7 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Royalty Audit
Idm-X189, DMEA-255X
Whitedelf Mining and Development
Company

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of your revised Second Royalty Audit Certificate and Report covering the referenced project.

In the third paragraph of the certificate the statement is made that the 1½ to 5% royalty on sales of $7,480.73 amounts to $723.58, whereas the difference between the royalties due at the first audit ($1,396.27) and the second audit ($1,769.32) amounts to only $373.05. Appropriate correction has been made on the Washington copies. Please correct all other copies, after which normal distribution is authorized.

In any future audits disclosing either underpayment or overpayment of royalty, such balance due should be reported in detail with appropriate identification of the pertinent smelter settlements (as required by the last paragraph on page 16 of royalty audit procedure). Due to the small amount involved in this case, correction is not deemed necessary.

Sincerely yours,

(Signed) J. L. Chambers
Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
December 6, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

Talbert

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

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

NOV 26 1956

Re: Whitedelph Mining and
Development Company
Idm-F189, DMA-255X

Dear Mr. Turner:

Receipt is acknowledged of the Washington copies of your cost Audit Report and Certificate and Second Royalty Audit Report and Certificate covering the referenced project.

The cost Audit Report and Certificate are acceptable and normal distribution is authorized.

The Second Royalty Audit Report and Certificate are returned herewith for such revision as may be required after your consideration of the following facts:

(a) The Second Royalty Audit Certificate is not in the prescribed format as set forth in Royalty Audit Certificate Example No. 3 attached to Mr. Chambers' memorandum of May 18, 1956, addressed to all auditors;

(b) The amount of royalties paid is stated in the certificate and on page 4 of the report as $1,770.35, whereas our records indicate $1,770.30 as being paid through October 10, 1956;

(c) The title "Section II, General Information" has been omitted from the report;

(d) The fifth paragraph of the report refers to Article 15 of the contract and summarizes the provisions thereof, whereas Annex III attached to Amendment No. 7 states its provisions "are in lieu of Article 15" and specifically provides for royalty on production "from the land" described in Article 2 rather than "as a result of such discovery".

Sincerely yours,

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/wb
November 26, 1956

Enclosure
Copy to: Docket
Admr. Reading File
Mr. Chambers

R.G.S.

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

November 15, 1956

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of the Termination Agreement for this contract which has been signed by Mr. Compton J. White, Jr., President, Whitedelf Mining & Development Company.

Other copies of this Termination Agreement have already been distributed.

Sincerely yours,

A. E. Weissenborn

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

RECEIVED
NOV 19 1956
D.M.E.A.

Enclosures
cc: USBM(2)
USBM(AD)
Turner
Nickelson

P.S. Referring to the third paragraph of your letter of October 15, 1956, we will get the Field Team final report under way so that you will have it in plenty of time for certification of the project.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
November 9, 1956

Mr. Compton I. White, Jr., President
Whitedelf Mining and Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

This is to inform you that the Government accepts your bid of November 8, 1956 for its equity in jointly-owned pipe and rail purchased under the subject contract, as follows:

Pipe and rail	$277.63

The amount of $277.63 will be deducted from the final payment made to you on the project costs.

Enclosed is a copy of Form A, Disposal of Government's Interest in Property, signed by the Executive Officer on behalf of the Government.

By Field Team, Region I, NW District

RECEIVED NOV 19 1956 DMEA

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

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

Enclosure

cc: DMEA (2) w/3 cys Form A
USGS (2)
USBM (AD)
Turner

COMPTON I. WHITE
SECRETARY-TREASURER
CLARKS FORK, IDAHO

COMPTON I. WHITE, JR.
PRESIDENT
CLARKS FORK, IDAHO

E. O. CLAGG
VICE-PRESIDENT
CLARKS FORK, IDAHO

RECEIVED
BUREAU OF MINES
NOV 1956
SPOKANE, WASH.

WHITEDELF MINING AND DEVELOPMENT CO.

MINE OFFICE
CLARKS FORK, IDAHO

FISCAL OFFICE
401 EMPIRE STATE BLDG.
SPOKANE 1, WASHINGTON

EASTERN OFFICE
608 NORTH CAROLINA AVE. S. E.
WASHINGTON, D. C.

November 8, 1956.

Department of the Interior,
Bureau of Mines, DMEA
1201 North Division St.,
Spokane 2, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. IDm-E189

Attention of Mr. Wing G. Agnew, Executive Officer.

Dear Mr. Agnew:

Reference is made to your communication of October 2, 1956, concerning the Government's equity in pipe and rail purchased under the subject contract, Amendment 6, and the manner of its disposal under Article 7 of the contract.

It is our desire to purchase the Government's equity in these items. An effort has been made to secure a reasonable offer for this equipment in the mining district but as the Whitedelf is the only operating property no offer could be obtained.

It is felt the rail and pipe have a value of approximately fifty percent (50%) of their purchase price, less the salvage cost which we feel would be fifteen percent (15%). We are, therefore, prepared to place a value of $555.25 on all of the rail and pipe now installed in the mine, of which the Government's equity would amount to $277.63. We, therefore, enter as our bid for this equipment to the Government the amount of $277.63.

We hope this will have your early consideration and that our July invoice will be processed at an early date.

Very truly yours,

WHITEDELF MINING AND DEVELOPMENT CO.

Compton I. White Jr.

Compton I. White, Jr., President.

RECEIVED
OCT 31 1956

xxxxxxxxxxxxxxxxxxxx

So. 157 Howard Street
Spokane 1, Washington

October 2?, 1956

Whitedelf Mining & Development Co.
?1 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255R (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Ida-?1?9

Gentlemen:

Enclosed are the original and six copies of a Termination Agreement, signed by the Administrator for the Government. The effective date of the termination is July 31, 1956. If it meets with your approval, please sign all copies, retain that copy marked for the Operator and return the rest to this office.

Your attention is called to Item 3 of the Agreement requiring under (a) the disposal of equipment, and (b) the rendering of the final report and final account. It would be appreciated if the matter of disposing of jointly-owned equipment could be taken care of as soon as possible in accordance with our letter to you of October 2. Concerning the final report, Article 14 of the contract states: "Upon completion of the project or termination of this contract, the Operator shall provide the Government with a comprehensive geologic and engineering report, including an estimate of ore reserves, to the best of his ability. Four copies of all reports shall be furnished to the Government."

We will not be able to audit and close out your account until these matters are taken care of. Therefore, it is to your advantage to dispose of the equipment and give us your final report just as soon as you can.

By Field Team Region I, NW Dist.

cc: DMEA (2)
USBM (2)
USBM(AD)
Turner
Nickelson

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

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

EMR

Enclosure as shown

File Copy
Surname
J. Lee
Grimwood
Champion
Selfridge
Mulleadore

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

OCT 15 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255I (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

We are enclosing the original and five copies of a Termination Agreement for the cited property, signed by the Administrator. This termination agreement has been prepared in conformance with your letter dated September 18, 1956.

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

We would appreciate receiving the final Field Team report at your earliest convenience as we would like to certify the project.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

JWAlt/er 10/11/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Hiilsgaard, USGS
Chron.

Enclosures

APPROVED:

Frank D. Lamb (FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

R.C.S.

File Copy
Surname
J. aw

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

October 11, 1956

Memorandum

To: The Administrator

From: Chief, Base Metals Division

Subject: Justification for Mutual Termination Agreement for the Docket No. BMA-255X, Whitedelf Mining and Development Company, Whitedelf Mine, Contract No. Idm-K169, Bonner County, Idaho, (Lead)

According to the records of the Field Team, Region I, Northwest District, there remain 84 feet of drifting to be completed and the drifting has been extended past the known ore shoots.

The total estimated cost of the project is $232,950.00 and as of the June MF-104 report $223,717.81 had been expended for work done under the terms of the contract. There was some work done in July but as of this date we do not have the MF-104 report for that month.

The final Field Team inspection was made on August 28, 1956. The work completed consisted of rehabilitating the existing winze, extending this winze 413 feet to the 800-level, and 2801.5 feet of drifting and crosscutting on the 800-level.

The Field Team states:

"It is unlikely that the Government's contribution will be completely repaid, but enough ore has been found to justify a certification of discovery."

Inasmuch as all known targets have been thoroughly explored, we concur with the Field Team that the contract should be mutually terminated.

Upon the receipt of the final Field Team report or on receiving additional necessary information, the project will be certified.

W. R. Griswold

JWAl/er
Copy to: Docket
Base Metals

File Copy
Surname
J. Alt.

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

500

October 5, 1956

Memorandum

To: Associate Solicitor, Division of Mineral Resources

From: Chief, Base Metals Division

Subject: Preparation of Mutual Termination Agreement for Contract No. Idm-X189, Docket No. DMA-255X, Whitedelf Mining and Development Company, Whitedelf Mine (Lead), Bonner County, Idaho.

Will you please prepare a mutual termination agreement for the cited contract. The effective date for the termination agreement is July 31, 1956. The project will be certified when the necessary information is received.

Please refer to the letter to Mr. George C. Selfridge, Chairman, Operating Committee from A. E. Weissenborn, Executive Officer, Region I, Northwest District, dated September 18, 1956.

W. R. Griswold

W. R. Griswold

JWAlt/er 10/5/56
Copy to: Docket
Base Metals
Chron.

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

October 5, 1956

Memorandum for the Files

From: J. W. Alt, Base Metals Division

Subject: Docket No. DMA-255X, Contract No. Idm-E189, Whitedelf Mining and Development Company, Whitedelf Mine (Lead), Bonner County, Idaho.

On this date Mr. George Selfridge, Chairman, Operating Committee phoned this office to advise that in a telephone conversation on October 2 with Mr. A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, he was informed that July 31 is the effective date for the termination of the cited contract.

J. W. Alt

JWA/er

Copy to: Docket
Base Metals
Chron.

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

RECEIVED
OCT - 8 1956

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Company
Clark Fork, Idaho

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

Since you have requested mutual termination of your contract, which we understand will be approved by the Washington office of DMEA, we wish to call your attention to Article 7 of the contract, entitled "Title to and Disposition of Property."

A review of your vouchers shows that the Government participated in the purchase of $802.38 for pipe and $784.06 for rail under Amendment No. 6, the equipment under the prior contract having been disposed of. Under Article 7 of the contract these items are considered salvageable and must be disposed of for the joint account of the Government and the Operator. Should you wish to purchase the Government's equity in these items you may do so only after you have first made every reasonable effort to procure a higher price than you are willing to pay. If you are unsuccessful in disposing of the items to another bidder, then you may submit a bid to this office for what you think the items are worth. If your bid is acceptable we can divert funds currently being withheld from payment to you on your last voucher toward your purchase of the Government's equity.

The manner of disposing of jointly-owned items is further discussed in a memorandum from the Executive Officer, a copy of which is enclosed.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

D. R. MacLaren, Acting Member
U. S. Geological Survey

Enclosure

cc: DMEA (2) USBM (AD)
USGS (2) Turner

Cus

RECEIVED
OCT - 8 1956

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D. C.~~
So. 157 Howard Street
Spokane 4, Washington

October 2, 1956

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Reference is made to your letter of September 26. You were correct in assuming that July 31, 1956 should be used as the effective date of the termination agreement being prepared in Washington for the Whitedelf mine.

Sincerely yours,

D R Mackay
for A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

cc: USBM (2)
USBM (AD)
Nickelson

File Copy
Surname

All
Grunwald
Chandler
Selfridge
Johnson
Wittenberg

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

500

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

SEP 26 1956

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-K189

Dear Mr. Weissenborn:

This is with reference to your letter of September 18, 1956, regarding the cited contract. It is the opinion of our Legal Division that this contract should be mutually terminated.

In the copy of the letter from Mr. Compton I. White, Jr. to you, he states that the contract be terminated as of July 31, 1956. We presume that this is the effective date when operations of this project under the terms of the contract were suspended.

We will prepare a mutual termination agreement, using July 31 as the effective date unless otherwise notified.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

JWALT/er 9/26/56
Copy to: Docket
Admr R File
Op. Committee
Base Metsls
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

Frank D. Lamb (FDL)
Member, Bureau of Mines

Thor H. Kiilsgaard (THK)
Member, Geological Survey

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

RECEIVED
SEP 24 1956

September 18, 1956

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

Re: Docket No. DMEA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Attached are two copies of a letter dated September 4, 1956 from Compton I. White, Jr., president of the company, requesting termination of the Whitedelf contract. The Operator had previously verbally requested termination and had been asked to write a letter requesting this.

Although, according to our records, 84 feet of the allotted drifting remain to be completed, drifting has been extended past the known ore shoots. Inasmuch as all the known targets on the Whitedelf property have been thoroughly explored we agree with the Operator that the contract should be terminated without expending the remaining allotted footage. It is unlikely that the Government's contribution will be completely repaid, but enough ore has been found to justify a certification of discovery.

Because 84 feet of drifting remain to be done, we are not sure whether a mutual termination agreement will be required or whether the Operator's letter plus a simple statement from the Executive Officer that the objectives of the contract have been achieved will be all that is required to officially end the contract. Will you please give us your decision and if a mutual termination agreement is desirable will you please prepare the necessary instrument.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Enclosure

cc: USBM (2)
USBM (AD)
~~Kellum~~ Nicholson

Wing G. Agnew

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

RECEIVED
SEP 24 1956

Spokane, Washington
September 4, 1956

Department of the Interior
Bureau of Mines, DMEA
1201 No. Division Street
Spokane 2, Washington

Docket No. DMEA 255X
Contract No. Idm 189

Gentlemen:

The Whitedelf Mining and Development Co. requests that the Reference DMEA Contract under which we have been operating be terminated as of July 31st, 1956.

The work outlined under the original contract and the subsequent admendments has been completed and the target areas thoroughly explored.

Termination of the contract has been discussed with our project engineer and has been approved at that level.

Sincerely,

Whitedelf Mining and Development Co.

Compton I. White Jr.

Compton I. WhiteJr. Pres.

RECEIVED
SEP 17 56
WASH.

COPY

RECEIVED
SEP 24 1956

xxxxxxxxxxxxxxxxxx
1201 N. Division Street
Spokane 2, Washington

September 18, 1956

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA 255X (lead)
Contract No. Idm-K189
Monthly operating report for
June 1956

Gentlemen:

The attached copy of a memorandum to the Field Team from the Certifying Officer, Region I, explains a net deduction of $151.95 made from the costs claimed on the June 1956 MP-104.

By Field Team, Region I, NW District

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

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

cc: DMEA (2)
USGS (2)

DMEA Field Team, Region I, NW District

Sept. 18, 1956

Certifying Officer, Region I

RECEIVED
SEP 24 1956

Contract Idm-2189, Whitedelf Mining & Development Co.
Monthly operating report for June 1956.

The June 1956 MF-104 submitted by the operator has been processed and forwarded to the Disbursing Officer for payment.

The following adjustments have been made in the costs claimed:

$152.05 has been deducted from explosive costs to cover an invoice submitted by the operator and allowed on the March 1956 MF-104 in error;

$0.10 has been added to the depreciation charge for the month to correct an error in addition.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)

xxxxxxxxxxxxxxxxxxx
1201 N. Division St.
Spokane 2, Washington
June 21, 1956

RECEIVED
JUN 2 1956

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Wash.

Re: Docket No. DMEA 255X
Contract No. Idm-E189
Monthly operating report
for May 1956

Gentlemen:

This is to inform you that payment could not be made in the full amount claimed in the subject voucher. The deletion is explained in the attached copy of a memorandum to the Field Team from the certifying officer, Region I, NW Dist.

By Field Team, Region I, NW Dist.

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

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

cc: DMEA (2)
USGS (2)

RECEIVED
JUN 25 1956

DMEA Field Team, Region I, NW District

June 21, 1956

Certifying Officer, Region I, NW

Contract Idm-E189, Whitedelf Mining & Development Co.
Monthly operating report for May 1956.

The subject operating report has been processed and forwarded for payment.

An amount of $1.16 has been deducted from the Operator's claim for labor and payroll taxes because of an error in calculations.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)

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

1201 N. Division St.
Spokane 2, Washington

RECEIVED
JUN-1 1956

[redacted]

May 25, 1956

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-K189

Dear Mr. White:

Enclosed for your information and files is a copy of Revised First Royalty Audit Certificate and Addendum No. 1 of First Royalty Audit Report for the period of October 19, 1951 to October 31, 1955.

The balance of royalties due in the amount of $350.53, as shown by this audit, has been deducted from your April 1956 voucher payment.

By Field Team, Region I, NW District

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

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

Enclosure

cc: DMEA (2)
USGS (2)
USBM (AD)

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

MAY 15 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Royalty Audit
Idm-8189, DMA-255X
Whitedelf Mining and
Development Company

Dear Mr. Turner:

Receipt is acknowledged of your Revised First Royalty Audit Certificate and Addendum No. 1 to the First Royalty Audit Report, covering the above-cited project.

The Certificate and Addendum are acceptable and normal distribution may be made.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

WBorovies/wb
May 15, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

Talbert

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

MAY 1 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Docket No. DMA-255X
Whitedalf Mining and
Development Company
Contract No. Idm-R189

Dear Mr. Turner:

There has come to the attention of this Division a copy of the Field Team's letter of April 26, 1956, addressed to the referenced Operator stating, in part, "After exempting Lots 136, 157, and 162 the balance of royalty due amounts to $349.70."

The amount due, as stated in this letter, is $57.73 less than the balance of royalties due of $407.43, as specified in your First Royalty Audit Certificate and supporting report. However, based upon Schedule No. 2 of your audit report, the exemption of lots 157 and 162 (lot 136 having been exempted in your audit findings) accounts for only $51.90 of this reduction, leaving a difference of $5.83 to be accounted for. It is suggested that the matter of this discrepancy be discussed with the Field Team. Possibly the amount stated in their letter is in error.

In any event, due to the determination subsequent to the release of your audit that no royalty is due on lots 157 and 162, you should prepare a Revised First Royalty Audit Certificate to reflect the revised findings. This certificate should be supported by a single page Addendum to First Royalty Audit Report explaining the revised findings and detailing the necessary corrections to the original audit report.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/wb
May 1, 1956

Copy to: Docket
Admr. Reading File
Mr. Weissenborn
Mr. Chambers
Mr. Griswold

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

April 26, 1956

Mr. Compton I. White, President
Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-K189

Dear Mr. White:

As stated in our letter of March 12, we forwarded your letter of March 2 to our Washington office.

No royalty is due from shipments 157 and 162, which were derived from old dumps. Nor is royalty due from shipment 136 if, as you maintain, it was mined before the date of the contract.

Royalty is due on the remaining shipments 137, 138, 139, 140, 141, 144, 149, 151, 153, 155, and 161. Annex III to the contract is quite specific in its language, particularly where it states (par. b): "The Operator . . . shall pay to the Government a royalty on all minerals mined or produced from the land, as follows: (1) regardless of any certification of discovery or development, from the date of the contract until the lapse of the time within which the Government may make such certification, or until the total net amount contributed by the Government without interest is fully repaid, whichever occurs first; . . ."

After excepting Lots 136, 157 and 162 the balance of royalty due the Government amounts to $349.70. We suggest that this amount be withheld from your next monthly voucher payment. Please let us know whether you prefer to handle it this way, or to send us a check.

By Field Team, Region I, NW District

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

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

cc: DMEA (2)
USBM (2)
USBM (AD)
Auditor

File Copy
urname
J. Ell.
Griswold
Graham
Kilsgaard
Selfridge
Fleming
Crawford
Mathewson

APR 20 1956

JWAlt/er Rm. 4444, Ext. 3669

Base Metals Division, DMEA

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

T E L E T Y P E
XXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXX

Date:

To: A. E. Weissenborn, Executive Officer, DMEA Field Team, Region I, Northwest District, Spokane, Washington

Reurtt April 18, Docket DMA 2551, Whitedelf Mining and Development Company. Shipments 157 and 162, derived from old dumps, are exempt from royalty payments.

George C. Selfridge
Chairman, Operating Committee (GCS)

JWALT/er Written 4/19/56

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

B.G.L.

RECEIVED
APR 19 1956

XDXXXXXX-047K

YWA015 WAF SP 2 I-GS-G

SPOKANE WASH 4-18-56 817A

GEORGE C. SELFRIDGE

CHAIRMAN OPERATING COMMITTEE DMEA, DEPARTMENT OF INTERIOR

WA

REURLET APRIL 12 DOCKET DMA 255X WHITEDELF MINING AND DEVELOPMENT COMPANY. DOES 1ST SENTENCE OF 2ND PARAGRAPH MEAN THAT SHIPMENTS 157 AND 162, FLOTATION CONCENTRATES PRODUCED FROM OLD DUMP, ARE EXEMPT FROM ROYALTY?

WING G. AGNEW, ACTING EXECUTIVE OFFICER

REGION 1

12 DMA 255X 1ST 2ND 157 162

VA 818A

RECEIVED

APR 27 1956

XXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
April 18, 1956

255

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Contract No. Idm-E189
Monthly operating report
for March 1956.

Gentlemen:

This is to inform you that payment on the subject voucher could not be made in the full amount claimed.

The small deletion made is explained in the attached copy of a memorandum to the Field Team from the DMEA Certifying Officer, Region I.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Verne C. Fryklund, Jr., Acting Member
U. S. Geological Survey

cc: DMEA (2)
USGS (2)

RECEIVED
APR 27 1956

DMEA Field Team, Region I, NW District

April 18, 1956

DMEA Certifying Officer, Region I

Contract Idm-2189, Whitedelf Mining & Development Co.
Monthly operating report for March 1956.

The subject monthly operating report has been received and processed for payment.

A small deletion of $0.17 has been made from the amount claimed covering cash discounts not taken into account by the operator.

Myrtle Purdy

cc: Operator

DMEA (2) ✓
USGS (2)

File Copy
Surname
J. All
Selfridge
Fellows
Whitehead

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

500

APR 12 1956

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255X (Lead)
Whitedalf Mining & Development Co.
Whitedalf Mine
Bonner County, Idaho
Contract No. Idm-K189

Dear Mr. Weissenborn:

With reference to the cited contract we have received your letter of March 26, 1956, enclosing the copy of a memorandum from M. R. Liches, dated March 12. We have also received your letter of March 12, enclosing a copy of a letter from Compton I. White, Jr., dated March 2.

It is our opinion that the Operator has no grounds for complaint in regard to the payment of royalties on ore mined from the ground included in the contract. If you are of a different opinion, please advise us giving us your reasons and recommendations.

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (GCS)

JWAlt/er 4/11/56
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

Richard H. Mote (GCS)
Member, Bureau of Mines

Thor H. Kiilsgaard (GCS)
Member, Geological Survey

R.C.L.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

March 28, 1956

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

Re: Docket No. DMA-855X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

As promised in our letter of March 12, enclosed are the original and three copies of a memorandum by M. R. Liebes, Mining Engineer, Bureau of Mines, stating the origin of the lessees' ore shipped from the Whitedelf property. This memorandum will supplement the memorandum of M. R. Liebes dated January 11, 1956.

Mr. Fisher will be asked to make a royalty audit of this contract.

Royalty audit made by Turner

Very truly yours,

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

cc: USBM (2)
USBM (AD)
Nicholson
Fisher
CPF

RECEIVED

APR 2 - 1956

xxxxxxxxxxxxxxxxxxxx

1201 N. Division St.
Spokane 2, Washington
March 12, 1956

MEMORANDUM

To: DMEA Field Team, Region I, Northwest District

From: M. R. Lickes, Mining Engineer, Bureau of Mines

Subject: Source of lessees' ore shipped from the Whitedelf Mining and Development Co. property during DMEA contract No. Idm-E189, Docket No. DMEA-255 (lead), Bonner County, Idaho

The following information on the captioned subject was obtained through conferences with Compton I. White, Jr., president, Whitedelf Mining and Development Co., and with Guy Rose, long-time employee and mill superintendent of the company. No records to substantiate this data are available.

Two of the shipments were made from the 400 level: ore contained in shipment No. 136 was being mined before the contract was signed and was received at the smelter November 3, 1951; shipment No. 138 was received at the smelter December 4, 1951. The first work progress inspection of the Whitedelf DMEA contract was made January 12, 1952. In Magill's report of this inspection he states, "Although the contract is dated October 19, 1951, work did not get underway until December. Work in December consisted of removal of various items of equipment from the 400 level and cutting timbers for lagging."

Shipments 137, 139, 140, 141, 144, 149, 151, 153, 155, and 161 were mined from the Anderson lease. This lease includes the land below the Clagg adit and above the South adit. Of the Anderson ore, shipments 137, 139, 140, 141, 144, 149, and 151 were mined from the Clagg adit. This adit is on the far side of the hill from the main adit, is approximately 300 feet above the South adit, and does not connect with the other workings.

Shipments 153, 155, and 161 were mined from the Anderson lease and taken out the South adit, which was rehabilitated under the contract as an escapeway.

Shipments 157 and 162 were flotation concentrates produced from an old dump above the main adit. This dump, from mining done in 1927, represents some of the earliest work at the Whitedelf.

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

M. R. Lickes

RECEIVED
APR 3 - 1956

XDXXXXXX-142K

YWB081 WAF SP 14 I-GS-G

SPOKANE WASH 3-30-56 300P

GEORGE C. SELFRIDGE, CHAIRMAN OPERATING COMMITTEE, DMEA, DEPT OF THE INTERIOR

WA

RE DOCKET DMA-255X WHITEDELF MINING AND DEVELOPMENT COMPANY. PLEASE DISREGARD LAST SENTENCE OUR LETTER OF MARCH 28 TO YOU STATING THAT WE WOULD ASK FISHER TO MAKE A ROYALTY AUDIT. AN AUDIT HAS ALREADY BEEN MADE BY TURNER.

A. E. WEISSENBORN, EXECUTIVE OFFICER, REGION I, NORTHWEST DISTRICT

DM--255X 28

EKC 303P

APR 2 9 21 AM '56

BUREAU OF MINES
MAIL ROOM
WASHINGTON D C.

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

RECEIVED
MAR 16 1956

March 12, 1956

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

I am enclosing two copies of a letter dated March 2, 1956 from Compton I. White, Jr., protesting the placing of royalties on certain ores mined from the Whitedelf property prior to Amendment 7. A memorandum report discussing this in more detail will be prepared and forwarded to the Operating Committee in the near future.

Sincerely yours,

A. E. Weissenborn/vlg.

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

Enclosure 1 (in dupl.)

cc: USBM (2)
USBM (AD)
Nickelson

RECEIVED
MAR 16 1956

March 2, 1956

Mr. A. E. Wiesenborn
DMEA Field Team, USGS
S. 157 Howard Street
Spokane 4, Washington

Gentlemen:

Reference is made to Amendment No. 7, Annex 3, of our contract Idm 189 with the Defense Minerals Exploration Administration and more particularly with the payment of royalties from ores mined from the Whitedelf property prior to the subject amendment.

At the time of the signing of the original contract, it was agreed that royalties would be paid on all ores mined from the exploration area under the contract. At the time of the signing of Amendment No. 7 it was understood that the payment of royalties would be extended to cover all ores mined from the real property as described in the contract.

It was not understood, however, that the payment of royalties would be made retroactive to the date of the signing of the original contract and that the total amount of the contract would be reduced in the amount of the unpaid royalties on ores mined from the upper workings of the mine, some of which were shipped prior to the start of work under the subject contract.

It is felt by the company that it would be to the advantage of the Government and the operator to apply these monies to the further exploration under the contract with the possibility of developing the ore areas on the 800 foot level.

We, therefore, request that the money thus obtained from ore produced as above stated be allowed us and applied to further exploration.

RECEIVED
MAR 5 1956
U. S. G. S.
SPOKANE, WASH.

Very truly yours,
WHITEDELF MINING & DEVELOPMENT CO.

Compton D. White Jr.

Compton D. White, Jr.
President

CDWjarg

COPY

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

RECEIVED
MAR 16 1956

March 12, 1956

Mr. Compton I. White, Jr.
Whitedelf Mining & Development Co.
401 Empire State Bldg.
Spokane 1, Washington

Re: Docket No. DMA-655X (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Ida-6149

Dear Mr. White:

Your letter of March 2 protesting the payment of royalty has been received and we have forwarded copies to DMEA in Washington.

By Field Team, Region I, NW Dist.

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

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

cc: DMEA (2)
USGS (2)
USBM (AD)
Nicholson

Talbert

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

FEB - 8 1956

Mrs. Myrtle Purdy
Authorized Certifying Officer
Bureau of Mines
1201 North Division Street
Spokane 2, Washington

Re: Idm-N189, DMA-255X
Whitedelph Mining & Development
Company

Dear Mrs. Purdy:

A review of our records on the referenced project indicates the possibility that a net disallowance of $13.01 made by Mr. Turner in his Interim Audit Report, dated December 12, 1955, has been overlooked in the payment of subsequent vouchers.

Mr. Turner certified the amount of $100,605.14 as being proper for payment. Our records indicate payments to the Operator aggregating $100,233.27 as of the date of the audit report, but that a subsequent supplemental payment of $378.41 was made, bringing the total payments for the period covered by the audit to $100,611.68. This indicates an overpayment of $6.54 (approximately 50 percent of the $13.01 disallowance).

Your advice on this matter would be appreciated.

Sincerely yours,

(Signed) J. L. Chambers

Jay L. Chambers, Chief
Contract Administration
and Audit Division

EDTalbert/ama
February 8, 1956
Copy to: Docket
Admr. Reading File
Mr. Turner
Mr. Griswold
Mr. Chambers

R.G.S.

XXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
February 3, 1956

RECEIVED
FEB 10 1956

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Contract Idm-E189
Docket No. DMEA 255X
Monthly operating report
for December 1955.

Gentlemen:

The subject operating report has been received and processed for payment.

This is to inform you that payment could not be made in the full amount claimed. Deletions are explained in the attached copy of a memorandum to the Field Team from the DMEA Certifying Officer, Region I.

By Field Team, Region I, NW District

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

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

cc: DMEA (2)
USGS (2)

RECEIVED
FEB 10 1956

[illegible] Field Party, [illegible] February [illegible]

[illegible] Certification Officer, Region I

Contract [illegible], Whitedelf Mining & Development Co.
Monthly operating report for December 1955.

The subject operating report has been processed and approved for payment subject to the following disallowances.

A deduction of $14.12 was made from the amount claimed for labor. The operator apparently made an error in bringing the amount forward from the payroll sheet to the [illegible].

There is a discrepancy in the footages reported by the operator and those measured by the USBM engineers. We have made a disallowance of $[illegible] to cover this difference. The engineer has reported that the work completed will be remeasured within the very near future. When this has been done and a firm figure for completed footage established, this disallowance may be subject to adjustment.

Mycile Fung

cc: Operator
DMEA (2) ✓
USGS

Talbert

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

FEB - 1 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-K189, DMEA-255X
Whitehalf Mining and
Development Co.

Dear Charlie:

Receipt is acknowledged of your letter of January 27, 1956, advising that the revisions suggested by my letter of January 23, 1956, to the audit report covering the referenced project have been made.

To complete our records please confirm the statement which I made in the last paragraph of my letter. I assume that the Operator did his own milling and shipped concentrates. I also assume that the freight deductions on lead are actually an adjustment or differential in the pricing. Are these assumptions correct?

In regard to your request for copies of several well written royalty audit reports for use as guides, I regret that we have no copies. However, our royalty audit manual at long last is in the hands of the printer and doubtless distribution of copies will be made in the near future. This manual includes 3 examples of audit reports, 2 of audit certificates, and 4 of reports of royalty review, all selected to cover various circumstances likely to be encountered by the auditor. However, they are guides only because the many situations encountered relative to royalty provisions of the contracts, as well as the various methods of marketing, preclude the possibility of giving examples which cover every situation.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/wb
February 1, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

R.C.

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

RECEIVED
FEB - 6 1956

January 31, 1956

Mr. Compton L. White, Jr., President
Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA 255 (Lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Ida-E189

Dear Mr. White:

Enclosed is a copy of the First Royalty Audit Certificate and First Royalty Audit Report. The period covered is from October 19, 1951 to October 31, 1955. According to the Audit Certificate there is a balance of royalties due the Government of $407.43.

By Field Team, Region I, NW District

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

King C. Agnew, Member
U. S. Bureau of Mines

Enclosures

cc: DMEA (2)
USBM (2)
USBM (AD)
Turner

Talbot

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

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-X189, DMEA-255X
Whitedelph Mining and Development Co.

Dear Charlie:

Your First Royalty Audit Certificate and Report covering the referenced project is being accepted and normal distribution is authorized after the following revisions have been made in the copies retained by you:

1. At the end of the second paragraph under Section II of the report, following the amount of $100,605.14, change the period to a comma and add "for the period of October 19, 1951, to June 30, 1955, inclusive."; and

2. In the second line of the second paragraph under Section III A. change "is" to "are".

These changes have been made in the Washington copies.

In future reports and certificates more care should be exercised in referring to the "form" of production sold and, if concentrates or otherwise beneficiated production is sold, the report should state who did the milling or beneficiating. In your certificate the first paragraph refers to "ores" and the last paragraph does not indicate the form. In your report the last paragraph of Section II indicates "crude ore and concentrates", various paragraphs of Section III refer to "ore" and "ores", the last paragraph of Section III indicates "concentrates", the first paragraph of Section IV states "crude ore and concentrates", both in the narrative and the columnar heading, and in reference to the freight deduction the term "lead" is used without indicating whether ore, concentrates, or metal. Presumably concentrates were actually sold,

and the Operator did the milling, but your report contains no positive statement to that effect. Also, there is no explanation for freight deductions solely on "lead".

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/ama
January 23, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JAN 16 1956

January 12, 1956

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Co.
400 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA 255 (lead)
Whitedelf Mine
Bonner County, Idaho
Contract Idm-8189

Dear Mr. White:

Enclosed are copies of an Interim Audit Certificate and Interim Audit Report for your information and files. These cover the period October 19, 1951 to June 30, 1955, inclusive.

Sincerely yours,

Verne C. Fryklund, Jr.
for: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I, NW Dist.

Enclosures

cc: DMEA (2)
USBM (2)
USBM (AD)
Turner

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

RECEIVED
JAN 12 1956

January 10, 1956

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Amendment No. 8 to the above-cited contract.

Distribution of other copies has already been made.

Sincerely yours,

Verne C. Fryklund Jr.

Verne C. Fryklund, Jr.
Acting Executive Officer, DMEA
Field Team, Region I, NW Dist.

Attachments

cc: Finance Office
USBM (2)
Kellum

Talbert

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

JAN 3 1956

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Idm-E189, DMA-255X
Whitedalph Mining and
Development Co.

Dear Charlie:

Receipt is acknowledged of your Interim Audit Report and Certificate covering the above-cited Exploration Project Contract.

The Report and Certificate are acceptable and normal distribution may be effected.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

WBorovies/wb
January 3, 1956

Copy to: Docket
Admr. Reading File
Mr. Chambers

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

November 14, 1955

Mr. Compton I. White, Jr., President
Whitedelf Mining and Development Co.
416 Empire State Building
Spokane 8, Washington

Re: Docket No. DMA-255X (lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-2189

Dear Mr. White:

Enclosed are the original and six copies of Amendment No. 8 to your contract signed by the Administrator. This amendment was prepared in accordance with your request of September 29, 1955, to recess the contract until December 1, 1955.

If the amendment meets with your approval kindly sign it, retain the copy marked "Operator's Copy", and return the rest to this office.

Sincerely yours,

Verne C. Fryklund, Jr.
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

Enclosures

cc: DMEA (2)
USBM (2)
USGS (1)
Kellum

RECEIVED
NOV 18 1955

File Copy
Surname

J. Ree
Grawood
Chambers
Selfridge
Bjornson

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

NOV - 7 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street,
Spokane 4, Washington

Re: Docket No. DMA-255X (Lead)
Whitedalph Mining & Development Co.
Whitedalph Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 8 for the cited contract, signed by the Administrator. Also enclosed are two extra copies of the amendment for the use of the Field Team.

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

Sincerely yours,

George C. Selfridge

Chairman, Operating Committee (G/B)

Enclosures

JWAlt/er 11/2/55
Copy to: Docket
Admr R File
Op. Committee
Base Metals
Mr. Bishop, USBM
Mr. Kiilsgaard, USGS
Chron.

APPROVED:

/s/ Robert W. Geehan (G/B)
Member, Bureau of Mines

Thor H. Kiilsgaard (G/B)
Member, Geological Survey

R.A.G.

File Copy
Surname
J. Alt.
Griswold

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

October 26, 1955

Memorandum

To: Associate Solicitor, Division of Minerals Resources

From: Chief, Base Metals Division

Subject: Preparation of An Amendment No. 8 for Docket No. DM&A-255X, Whitedelf Mining & Development Co., Whitedelf Mine, Bonner County, Idaho, Contract No. Idm-X189, Lead

Will you kindly prepare an Amendment No. 8 to the cited contract which will provide:

1. A recess of Operations from July 1, 1955 to January 1, 1956.

2. Extend the repayment period from fourteen (14) to fifteen (15) years.

3. In Article 3 of the contract form the period for completion is further extended to September 1, 1956.

W. R. Griswold

W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron

October 13, 1955

Memorandum

To: Associate Solicitor, Division of Minerals Resources

From: Chief, Base Metals Division

Subject: Prepartation of An Amendment No. 8 for Docket No. DMA-255X, Whitedelf Mining & Development Co., Whitedelf Mine, Bonner County, Idaho, Contract No. Idm-E189, Lead.

Will you kindly prepare an Amendment No. 8 to the cited contract which will provide:

1. A recess of Operations from July 1, 1955 to January 1, 1956.

2. Extend the repayment period from fourteen (14) to fifteen (15) years.

3. In case work is not resumed by January 1, 1956 a "pseudo-certification" will take effect and the contract will automatically be terminated.

W. R. Griswold

W. R. Griswold

WRG/er
Copy to: Docket
Base Metals
Chron.

Note: Extend the period for completion on letter dated to September 1, 1956 [illegible] further extend date to September 1, 1956

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

RECEIVED
OCT 10 1955

October 4, 1955

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Enclosed are two copies of a letter from Compton I. White, Jr., president of the Whitedelf Mining & Development Co., requesting a recess until December 1, 1955.

We suggest that an amendment recessing the contract be prepared in Washington. The labor situation in the Clark Fork area is such, however, that we would recommend recessing work until January 1, 1956.

By Field Team, Region I, NW District

for Verne C. Fryklund Jr.
A. E. Weissenborn, Exec. Officer
U. S. Geological Survey

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

Enclosures

cc: USBM (2)
USBM (AD)
Kellum

C O P Y

WHITEDELF MINING AND DEVELOPMENT CO.

RECEIVED
OCT 10 1955

Clarkfork, Idaho
September 29, 1955

DMEA

Department of the Interior
Defense Minerals Exploration Administration
S. 157 Howard Street
Spokane 4, Washington

Attn: Field Team, Region I,
N. W. District

Re: Docket No. DMA-255X (lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Gentlemen:

Due to the difficulty of securing competent mining labor in this area, we formally request for an amendment to the contract, recessing the work there under until December 1, 1955. It is felt that by that date that sufficient labor, which has been absorbed by the logging and lumber industry, will be again available.

Sincerely,

Whitedelf Mining and Development Co.

/s/ Compton I. White, Jr., Pres.

Received
Oct 3 1955
U.S.G.S.
Spokane, Wash.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

RECEIVED
SEP - 9 1955

~~WASHINGTON 25, D. C.~~
No. 157 Howard Street
Spokane 4, Washington

September 6, 1955

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Company
Clark Fork, Idaho

Re: Docket No. DMA-255X (lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-1189

Dear Mr. White:

We have delayed writing to you about the recess at the Whitedelf mine as we understood that you were coming to Spokane to discuss the matter.

If you have not yet resumed work at the mine, would you make a formal request for an amendment to the contract recessing work. Your request should state the reason for the recess and the approximate time when work will be resumed.

By Field Team, Region I, NW District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

Verne C. Fryklund, Jr., Acting Member
U. S. Geological Survey

cc: DMEA (2)
USBM (2)
USGS (AD)
Kellum

File Copy
Surname
J. Gill
Signed
Selfridge
Mattendorf

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

500

SEP - 2 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Co.
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-X189

Dear Mr. Weissenborn:

Will you please advise us regarding the status of the cited contract. The memorandum from Donald F. Kellum, Geologist, USGS, to DMEA Field Team, Region I, Northwest District, dated July 15, 1955, states that the property was shut down because of labor shortage and that this condition may exist for several months. He further states that Mr. White intends to visit the Spokane office within the next week to arrange for a recess of operations until experienced labor can be obtained.

At your earliest convenience, we will appreciate receiving your comments and suggestions regarding this contract. If you should recommend a recess of operations, please advise us as to the extent of the recess.

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (GCS)

APPROVED:

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

/s/ N. E. Nelson (GCS)
Member, Geological Survey

JWAlt/er 8/31/55

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

R.C.S.

XXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
August 2, 1955

RECEIVED
AUG - 8 1955

Whitedelf Mining and Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA 255 (lead)
Contract Idm-E189
Monthly operating report
for June 1955

Gentlemen:

The subject monthly operating report has been received and processed for payment. However, as the project is inactive at the present time, we are obliged to withheld a portion of the Government's contribution to the cost pending resumption of work. This is standard procedure for all inactive contracts.

We were sorry to learn that you are having difficulty keeping competent help, and hope that it will not be long until you will be able to resume operations.

By Field Team, Region I
Northwest District

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

cc: DMEA (2)
USGS (2)

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

Talbert

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

JUL 1 8 1955

Mr. Charles A. Turner
DMEA Auditor
1201 North Division Street
Spokane 2, Washington

Re: Contract No. Idm-K189
Docket DMA-255X
Whitedelf Mining and
Development Company

Dear Mr. Turner:

The subject Exploration Project Contract was indicated on the Monthly Work Load Report for May 1954 as being scheduled for an interim audit during June 1954. However, in the June 1954 Report you indicated that this audit would be rescheduled in the future. This has not been done to date.

Inasmuch as work started and costs were incurred beginning in December 1951, it appears advisable to program an interim audit of this contract before the operator's records become covered with moss. It is suggested, therefore, that this account be included in the audit program at the earliest possible date.

In connection with this audit please note my letter of June 8, 1954, addressed to Mr. Hull in reply to his letter of June 4, 1954.

Sincerely yours,

(Signed) E. D. Talbert

E. D. Talbert, Acting Chief
Contract Administration
and Audit Division

EDTalbert/wb
July 18, 1955

Copy to: Docket
Admr. Reading File
Mr. Chambers

RECEIVED
JUL - 5 1955

XXXXXXXXXXXXXXXXXX
1201 N. Division Street
Spokane 2, Washington
June 27, 1955

~~[illegible]~~
Klingenhesel
~~[illegible]~~

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Contract Idm-E189
Monthly operating report
for May 1955

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer in Portland, Oregon, for payment.

This is to inform you that payment could not be made in the full amount claimed. The amount deleted is explained in the attached copy of a memorandum to the Field Team, Region I, from the DMEA Certifying Officer, Region I.

By Field Team, Region I
Northwest District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

cc: DMEA (2)
USGS (2)

John S. Vhay, Acting Member
U. S. Geological Survey

DMEA Field Team, Region I, NW District June 27, 1955

RECEIVED
JUL - 5 1955

DMEA Certifying Officer, Region I

Contract Idm-E189, Whitedeif Mining & Development Company.
Monthly operating report for May 1955

The subject operating report has been processed and forwarded to the Disbursing Officer for payment.

A disallowance of $30.00 was made from the amount claimed by the operator due to an error in the proration of the power cost.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS (2)

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

RECEIVED
JUN 16 1955

June 13, 1955

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

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Company
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

Enclosed are the Government, Docket, and Division copies of Amendment No. 7 to the above-cited contract.

Distribution of this amendment is being made in the usual manner.

Sincerely,

A. E. Weissenborn

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

Attachments

cc: Finance Office w/encl.
USBM (2)
Nickelson

P. S. Also enclosed are the Government, Docket, and Division copies of the new Owner's Consent to Lien forms.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON, D.C.~~
So. 157 Howard Street
Spokane 4, Washington

RECEIVED
JUN - 6 1955

June 1, 1955

Mr. Compton I. White, Jr., President
Whitedelf Mining & Development Company
Clark Fork, Idaho

Re: Docket No. DMA-255X (lead)
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. White:

Enclosed are the original and six copies of Amendment No. 7 which extends the completion period of the contract to March 1, 1956. It will also be necessary for you to have the enclosed seven copies of Owner's Consent to Lien form signed because the repayment period has been extended from 10 to 14 years by Annex III to Amendment No. 7. The amendment is not effective until this is done.

Please retain the Operator's Copy of each, and return the rest to this office at your early convenience.

Sincerely yours,

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

Enclosures

cc: DMEA (2)
USBM (2)
USBM(AD)
Nickelson

File Copy
Surname
J. Alt
Miscard
Talbot
Selfridge
J. Johnson

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

MAY 26 1955

Mr. A. E. Weissenborn
Executive Officer
DMEA Field Team, Region I
Northwest District
South 157 Howard Street
Spokane 4, Washington

Re: Docket No. DMA-255X (Lead)
Whitedelf Mining & Development Company
Whitedelf Mine
Bonner County, Idaho
Contract No. Idm-4169

Dear Mr. Weissenborn:

We are enclosing the original and five copies of Amendment No. 7 to the cited contract, signed by the Administrator. This amendment was prepared in conformance with the recommendation made in your letter of May 5.

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

Sincerely yours,

George C. Selfridge
Chairman, Operating Committee (SHB)

Enclosures

JWAlt/er 5/24/55

APPROVED:

J. H. Hedges (SHB)
Member, Bureau of Mines

Thor H. Kiilsgaard (SHB)
Member, Geological Survey

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

P. S. Obtain new Consent to Lien before distribution of amendment in view of extension of completion time to fourteen years.

File Copy
Surname
J. M. Alt.

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

May 11, 1955

Memorandum

To: Acting Assistant Solicitor, Defense Minerals

From: Chief, Base Metals Division

Subject: Preparation of Amendment No. 7 for Whitedelf Mining & Development Company, Docket No. DMA-255X, Contract No. Idm-E189 (Lead), Bonner County, Idaho.

Will you please prepare Amendment No. 7 to the cited contract, this Amendment to allow the Operator an extension of 10 months to complete the work of the project. By Amendment No. 6 the work was to be completed not later than May 1, 1955. By this amendment the work is to be completed not later than March 1, 1956.

As the date of this contract is October 1, 1951, the completion time by Amendment No. 7 would be five years and five months; therefore, the royalty payment period should be increased from twelve years to fourteen years. Item 3 of Amendment No. 6 changed the royalty payment period from eleven years to twelve years.

Please refer to the letter dated May 5, from A. E. Weissenborn, Executive Officer, Region I, Northwest District.

W. R. Griswold
W. R. Griswold

JWAlt/er

Copy to: Docket
Base Metals
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~

1201 N. Division St.
Spokane 2, Washington
May 5, 1955

AIR MAIL

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

Re: Docket No. DMEA 255 (lead)
Whitedelf Mining & Development Co.
Bonner County, Idaho
Contract No. Idm-E189

Dear Mr. Selfridge:

The Operator has verbally requested an extension of time to complete the work authorized under the contract. The contract period expired May 1, 1955 and there still remains 708 feet of drifting to be completed. The Whitedelf mine previously operated on two shifts but during the past 7 months they have worked only one shift, 5 days a week. The limited funds of the Operator necessitated dropping the one shift. As a result, the advance is only 50 percent of what it originally had been.

The Field Team recommends that an additional 10 months be allowed the Operator to complete the contract.

By Field Team, Region I, NW District

A. E. Weissenborn

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

Wing G. Agnew

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

cc: USGS (2)
USBM (AD)

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

May 4, 1955

Memorandum for the Files

From: J. W. Alt, Base Metals Division

Subject: Whitedelf Mining and Development Company, Whitedelf Mine, Docket No. DMEA 255, Contract No. Idm-E189, (Lead), Bonner County, Idaho.

On this date in a phone conversation with A. E. Weissenborn, I informed him that by Amendment No. 6 to the cited contract, the work of the project was to be completed not later than May 1, 1955. I told him that we would await his recommendation concerning an amendment to allow the Operator an extension for completion time. He said he would look into this matter and would inform us regarding his recommendation.

J. W. Alt
J. W. Alt

JWA/er

Copy to: Docket
Base Metals
Chron.

xxxxxxxxxxxxxxxxx
1201 N. Division St.
Spokane 2, Washington
April 18, 1955

All
Betty

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Contract Idm-K189
Monthly operating report
for March 1955

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer in Portland, Oregon, for payment.

This is to inform you that payment could not be made in the full amount claimed. Amounts deleted are explained in the attached copy of a memorandum to the Field Team from the DMEA Certifying Officer, Region I.

By Field Team, Region I
Northwest District

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

cc: DMEA (2) ✓
USGS (2)

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

DMEA Field Team, Region I, NW District April 18, 1955

DMEA Certifying Officer, Region I

Whitedelf Mining & Development Co., Contract idm-E189
Monthly operating report for March 1955.

The subject monthly operating report has been received and processed for payment. A deduction of $0.10 has been made from "Labor" and $0.02 has been deducted from "Payroll Taxes" because of mathematical errors.

Myrtle Purdy

cc: DMEA 2
UEGS 1
OPERATOR

XXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
February 25, 1955

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Docket No. DMEA 255X
Contract No. Idm-K189
Monthly operating report for
January 1955

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer in Portland, Oregon, for payment.

This is to inform you that payment could not be made in the full amount claimed. Deletions are explained in the attached copy of a memorandum to the Field Team from the DMEA Certifying Officer, Region I.

By Field Team, Region I
Northwest District

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

cc: DMEA (2)
USGS (2)

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

DMEA Field Team, Region I

February 25, 1955

DMEA Certifying Officer, Region I

Whitedelf Mining & Development Co., Contract Idm-E189.
Monthly operating report for January 1955

The subject operating report has been processed for payment and forwarded to the Disbursing Officer at Portland, Oregon, for payment.

Deletions were made as follows:

Mathematical errors in figuring the wages of Guy Rose and William Rousseville	$7.01
Payroll taxes adjustment in connection with above	.65
Operating Materials & Supplies (Montague Service-no invoice attached)	6.05
Total deletions	$13.71

Myrtle Purdy

cc: Operator
DMEA (2) ✓
USGS

RECEIVED

xxxxxxxxxxxxxxxxxx
So. 157 Howard Street
Spokane 4, Washington

February 8, 1955

Mr. W. A. Henrich
Office of Loan Administration
and Liquidation
Reconstruction Finance Corporation
Washington 25, D. C.

Re: Docket No. DMEA-255
Whitedelf Mining and Development Co.
Bonner County, Idaho
Contract No. Idm-K189

Dear Mr. Henrich:

In regard to your letter of January 25, 1955 (your reference Loan No. ND-Min 720,250), the Whitedelf Mining Company has approximately 600 feet of drifting remaining to complete the project. Approximately 7 months will be required to complete this work.

Drifting to the north of the shaft has not discovered as much ore as had been hoped for but has found some. Drifting to the south of the shaft has some distance to go before reaching the expected position of the ore.

Sincerely yours,

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

cc: DMEA (2) w/cys incoming ltr
USBM (2) " " "
Nickelson " " "

RECONSTRUCTION FINANCE CORPORATION

WASHINGTON 25, D. C.

January 25, 1955

E. A. Weissenborn
Executive Officer, D.M.S.A.
Field Team Region II
South 157 Howard Street
Spokane 4, Washington

Re: Whitedelf Mining & Development Co.
Clarks Fork, Washington
Loan No. MI-Min 720,250

Dear Mr. Weissenborn:

It will be appreciated if you will inform us concerning the progress to date on the Exploration Project of the captioned company. Payment of the indebtedness is expected to begin upon completion of exploration and we would like to know approximately when completion is expected. If you have any knowledge of the quality and quantity of ore encountered we shall appreciate receiving such information as you can furnish to us.

Very truly yours,

W. A. Henrich
Assistant Chief, Administration Division
Office of Loan Administration
and Liquidation

RECEIVED
JAN 28 1955
U. S. C. S.
SPOKANE, WASH.

XXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
January 19, 1955

250

Whitedelf Mining & Development Co.
401 Empire State Building
Spokane 1, Washington

Re: Contract Idm-E189
Monthly operating report
for December 1954

Gentlemen:

The subject monthly operating report has been processed and forwarded to the Disbursing Officer in Portland, Oregon for payment.

This is to inform you that payment could not be made in the full amount claimed. Amounts deleted are explained in the attached copy of a memorandum to the Field Team from the DMEA Certifying Officer, Region I.

By Field Team, Region I,
Northwest District

Wing G. Agnew, Acting Exec. Officer
U. S. Bureau of Mines

cc: DMEA (2)
USGS (2)

John S Vhay, Acting Member
U. S. Geological Survey

DMEA Field Team, Region I,
Northwest District

January [illegible] 1955

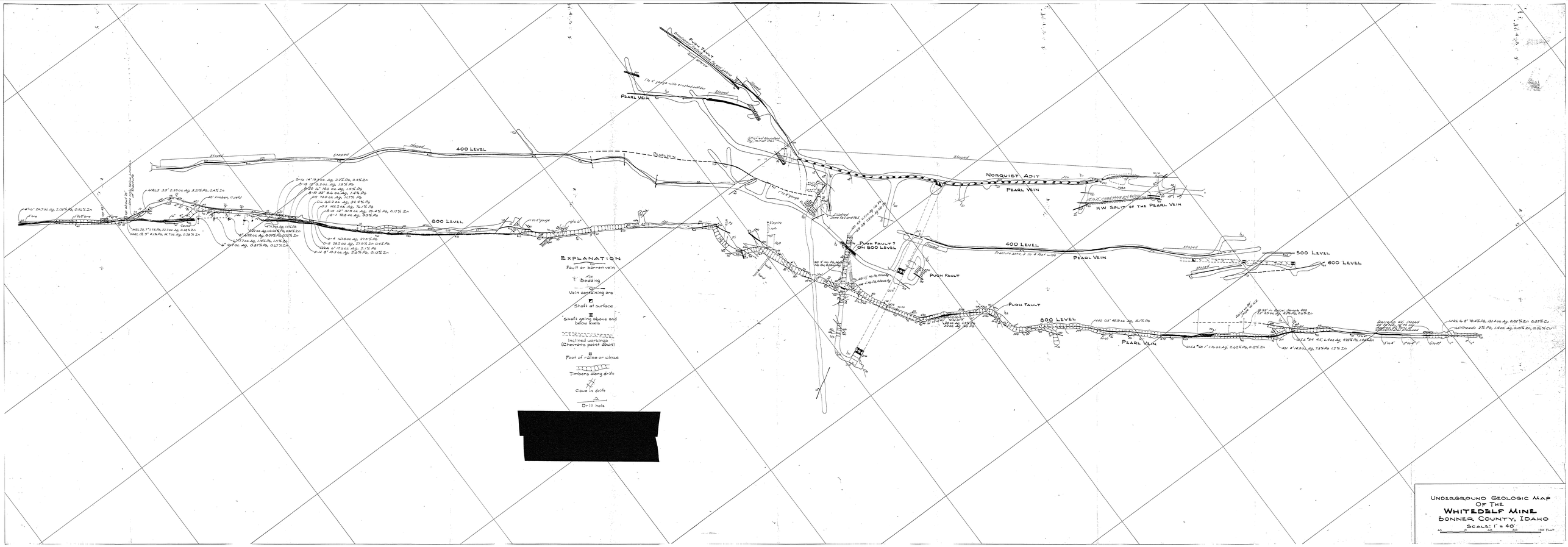
Certifying Officer, Region I

Contract Idm-E189, Whitedelf Mining & Development Co.
Monthly operating report for December 1954.

The subject operating report has been processed for payment. A deletion of $1.75 was made from the amount claimed for labor because of a mathematical error in figuring the wages of G. Detwiler. The payroll taxes were adjusted accordingly.

Myrtle Purdy

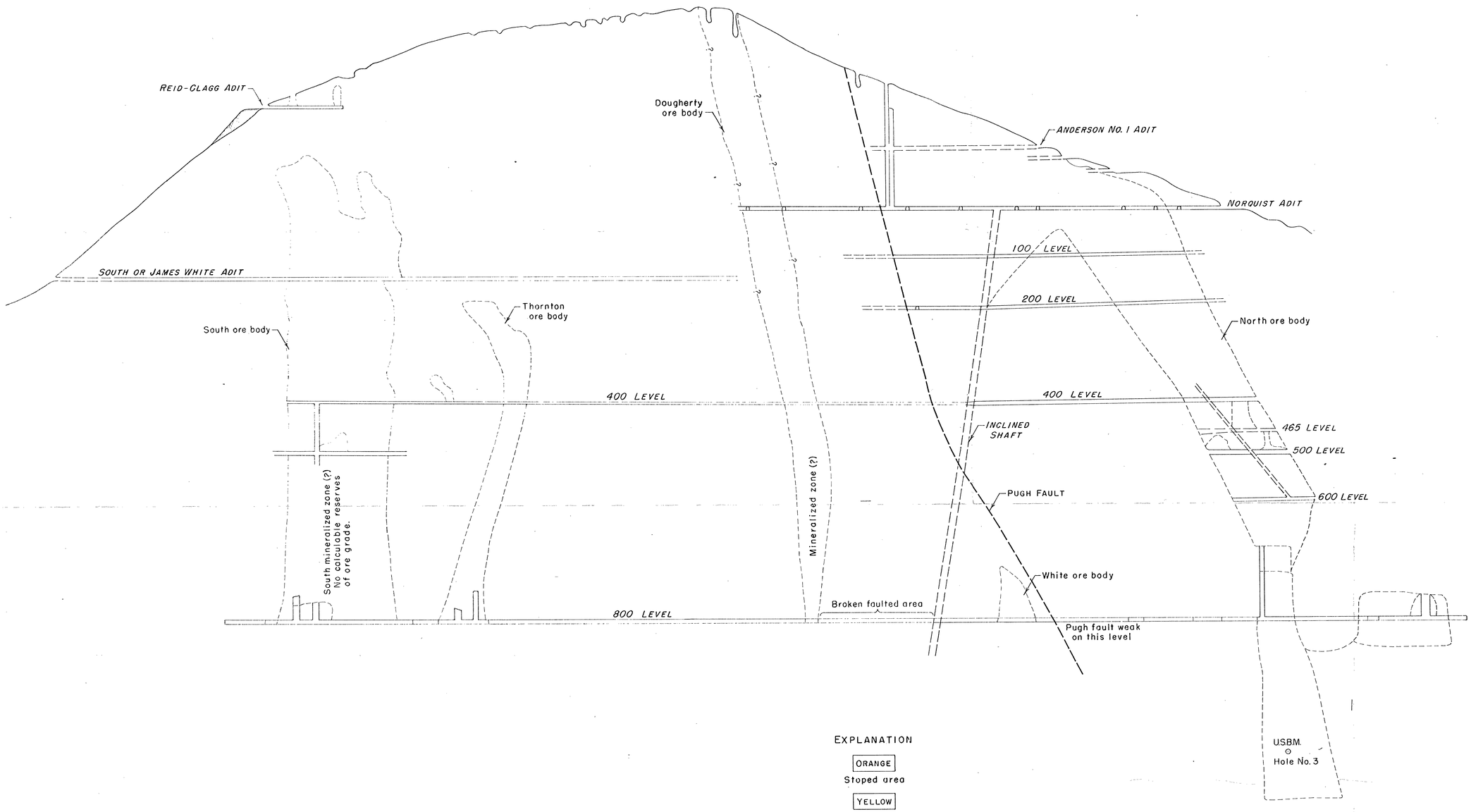
cc: DMEA (2)
USGS (1)


Underground Geologic Map
Of The
Whitedelf Mine
Bonner County, Idaho
Scale: 1" = 40'
Explanation
Fault or barren vein
Bedding
Vein containing ore
Shaft at surface
Shaft going above and below levels
Inclined workings (Chevrons point down)
Foot of raise or winze
Timbers along drift
Cave in drift
Drill hole
400 Level
600 Level
800 Level
Pearl Vein
Push Fault
Norquist Adit
H.W. Split of the Pearl Vein
Push Fault? On 800 Level
500 Level
600 Level

[redacted]

UNDERGROUND GEOLOGIC MAP
OF THE
WHITEELF MINE
BONNER COUNTY, IDAHO
SCALE: 1" = 40'

PLATE I



EXPLANATION

ORANGE
Stoped area

YELLOW
Area showing indicated ore reserves

RED
Mineral cut on the 800 level

Map compiled from maps by A.L. Anderson and J.R. Reynolds. 800 level data by H.B. Nickelson, USGS, 6-1-57.

LONGITUDINAL SECTION (VERTICAL)
THROUGH PEARL VEIN
WHITEDELF MINE
BONNERS COUNTY, IDAHO

100 0 100 200 Feet

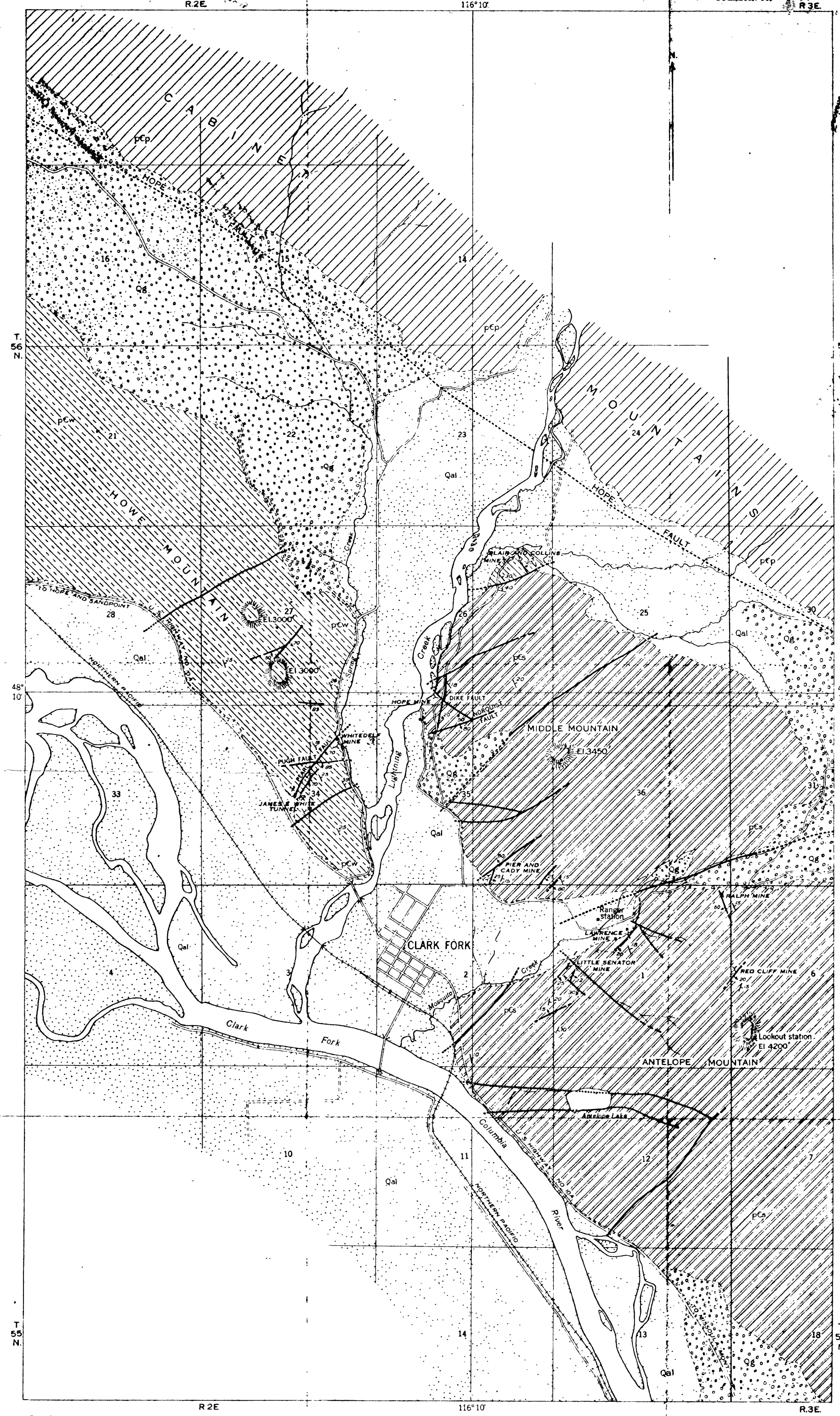
June 1958

PLATE 2

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 944

DMA 255 X
(Final Report)



Base from aerial photographs

Geology by A. L. Anderson, 1940

GEOLOGIC MAP OF THE AREA CONTAINING THE LEAD-SILVER DEPOSITS AROUND THE TOWN OF CLARK FORK

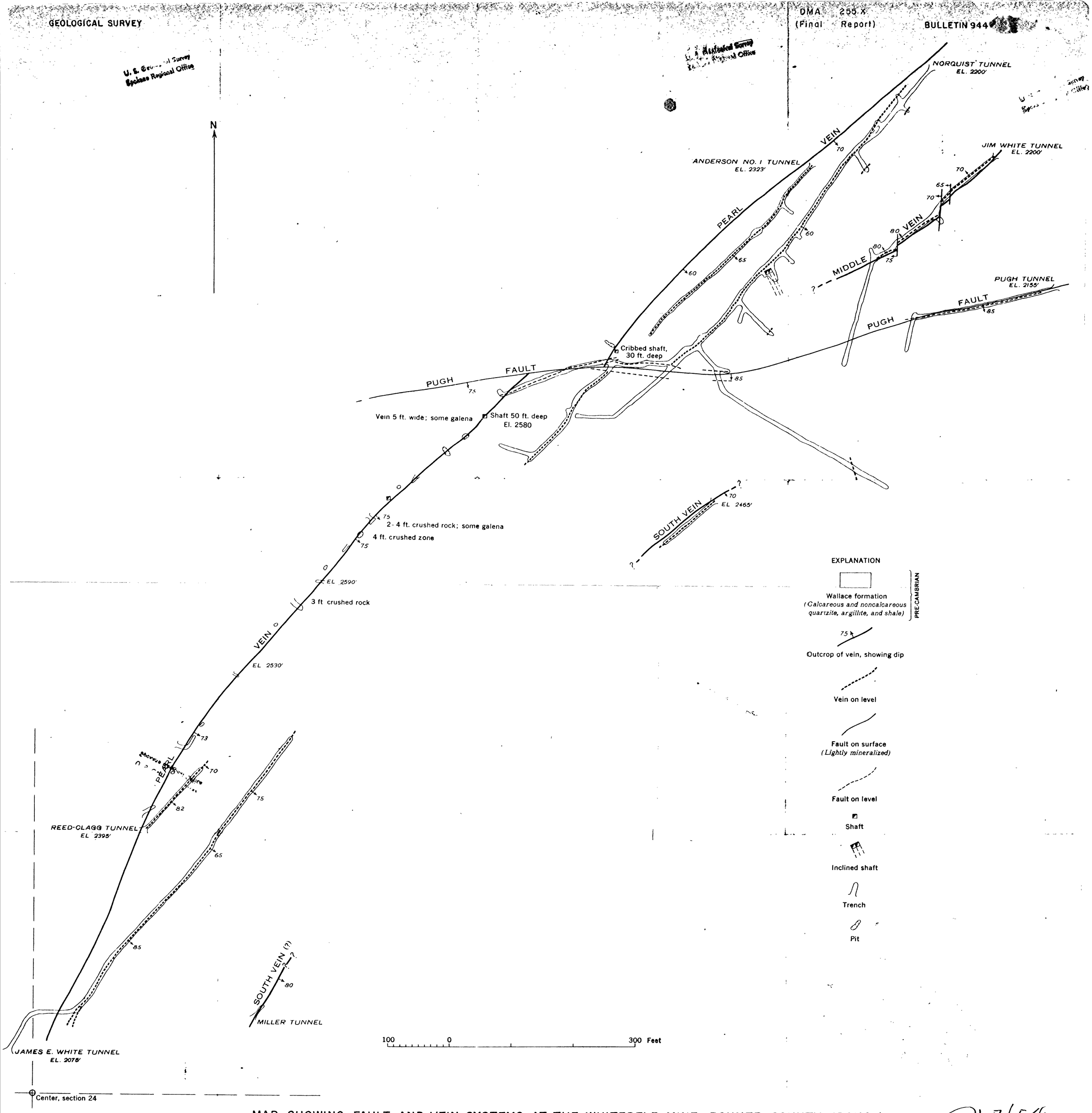
Scale $\frac{1}{31,680}$

1 0 2 Miles

Plate 3

U. S. Geological Survey
Spokane Regional Office

U. S. Geological Survey
Spokane Regional Office



MAP SHOWING FAULT AND VEIN SYSTEMS AT THE WHITEDELF MINE, BONNER COUNTY, IDAHO

PLATE 4