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

500

August 4, 1958

MEMORANDUM:

To: Mr. Wingfield N. Chamberlain
Division of Operation Control & Statistics

From: Director, Division of Base Metals

Subject: Semi-Annual Reports of Certified projects for the period January 1, 1958 thru June 30, 1958.

The following projects were inactive during the cited period.

Docket No.	Contract No.	Name
DMEA-3112	Idm-E651	Centrida Mines, Inc.
DMEA-432	Idm-81	Mines Management, Inc.
DMEA-81	Idm-E18	United Minerals Corporation
DMEA-1166	Idm-276	American Zinc, Lead & Smelting Co.
DMEA-390	Idm-263	Highland-Surprise Cons. Mining Co.
DMEA-125	Idm-E81	Bennett Mining Company
DMEA-981	Idm-288	Idaho Mining Company
DMEA-525	Idm-E137	Spokane Mining Syndicate
DMEA-1877	Idm-E155	William Maloney
DMEA-652	Idm-E177	South Mt. Mining & Concentrating Co.
DMEA-1596	Idm-E184	Nabob Silver-Lead Company

DMEA-2166	Idm-E208	Farmer Mine Enterprises
DMEA-1959	Idm-E223	Wylie M. Gardner and L. R. Vance
DMEA-2123	Idm-E228	Pacific Northwest Mining Company
DMEA-1831	Idm-E242	William Soren
DMEA-1175	Idm-E251	Amador Mining Company (assignee of Kootenay Copper Mines)
DMEA-1894	Idm-E266	Buchman, Brecken and Norden
DMEA-2213	Idm-E294	Elmer Enderlin
DMEA-2388	Idm-E301	American Zinc, Lead & Smelting Co.
DMEA-2269	Idm-E308	Mines Management, Inc.
DMEA-2420	Idm-E380	Hypothesk Mining & Milling Co.
DMEA-2237	Idm-E421	Signal Mining Company
DMEA-2637	Idm-E475	Golconda Lead Mines
DMEA-2862	Idm-E482	Spokane-Idaho Mining Co.
DMEA-2612	Idm-E489	Granore Company (assignee of Index Mining Company)
DMEA-2929	Idm-E587	Grandview Mines
DMEA-3142	Idm-E644	Howe Sound Company
DMEA-3288	Idm-E667	Alaska Copper Mines, Inc.
DMEA-3664	Idm-E819	Highland-Surprise Cons. Mining Co.

W. R. Griswold

WRG/dl 8-4-58
cc to: Dockets (28)
Admr. R. File
Chron.

DMEA Form 18
Feb. 58

DEFENSE MINERALS EXPLORATION ADMINISTRATION

ANALYSIS OF SEMIANNUAL REPORT OF CERTIFIED PROJECT

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

To: Statistics Branch (Code 210)

From: Division of Base Metals

Report Period 7/1/57 - 12/31/57

DMEA No.	Operator	Contract No.
3112	Centrida Mines, Inc.	Idm-E651

ORE ESTIMATES

	Tons	Analysis
DMEA	19,500	
Operator to date		
Total		
Production to date	8,769	
Ore in ground	10,731	

INVESTMENT

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

FACILITIES

Mine Plant		
Mill		
Roads		

REMARKS

Inactive since October 22, 1957.

Prepared by W. R. Griswold/er Date 3/17/58

31398

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the period January 1 - June 30, 1957

Base Metals Division Date **August 13, 1957**

Semi-Annual Report - Certified Project Date **June 6, 1957**

DMEA No. **3112** Operator **Centrida Mines, Inc.** Contract No. Idm-E **651**

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production) **2,483 this period - 7203 tons to date**		
Net Available		

Investment

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

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Lessees continue to ship about three carloads of ore weekly.

W. R. Griswold/er

DEFENSE MINERALS EXPLORATION ADMINISTRATION

For the Period July 1 - December 31, 1956

Base Metals Division Date January 24, 1957

Semi-Annual Report - Certified Project Date November 8, 1956

DMEA No. 3112 Operator Centrida Mines, Inc. Contract No. Idm-E651

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)	2553 this period	
Net Available		

Investment

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

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Lessees producing from various levels.

W, R. Griswold

100338

DEFENSE MINERALS EXPLORATION ADMINISTRATION

January 1 to June 30, 1956

Base Metals Division Date July 17, 1956

Semi-Annual Report - Certified Project Date May 21, 1956

DMEA No. 3112 Operator Centrida Mines, Inc. Contract No. Idm-E 651

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)	10,000	5.5% Cu
Increase (Operator)		
Total		
Decrease (Production)	2,036	
Net Available	7,964	

Investment

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

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

Property being worked by lessees. An access road has been prepared to upper levels. Production is continuing.

WRGriswold/er

100339

DEFENSE MINERALS EXPLORATION ADMINISTRATION

To JANUARY 1, 1956

Base Metals MRG Division Date June 8, 1956

Semi-Annual Report - Certified Project Date March 15, 1956

DMEA No. 3112 Operator Centrida Mines, Inc. Contract No. Idm-E651

Ore Reserves

Ore Estimates	Tons	Analysis
Original (DMEA)		
Increase (Operator)		
Total		
Decrease (Production)		
Net Available		

Investment

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

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

Facilities

Mine Plant		Mill		Roads	
Description	Cost	Description	Cost	Description	Cost

Remarks

As a result of the ore indicated by diamond drilling under the DMEA project, the property owner has been aided in getting lessees to work the mine. A road has been bulldosed to the upper levels.

FILE COPY
DMEA
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DATE	INITIALS	CODE
7/31	C	220
31	Com	100
"	7/31	110
8/1	EEE	800
	WPB	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1958

Date of examination: June 3, 1958

Operator: Centrida Mines, Inc., Kellogg, Idaho

Owner: Fred J. Brough, Salmon, Idaho, and Laura Ledbetter, Maxville, Montana

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

Royalty payments this period: none

Remarks: The property was inactive until just recently. According to Mr. C. Walker Lyon, Viel Building, Salmon, Idaho, agent for the Pope-Shenon mine, the Ran Rex Oil and Mining Co., Inc., H. R. Feller, P. O. Box 35, Bountiful, Utah, with Mr. N. MacKay in charge at the office in Salmon, Idaho, now has a lease on the Pope-Shenon mine.

There is a stockpile of about 15 tons of ore ready for shipping, and it is reported that 60 to 70 tons had been shipped to the smelter. No royalty has been received as yet on this shipment.

Signed: Wm. M. Romischer (Engineer)

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

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

DATE	INITIALS	CODE
2-2	C	220
"	[illegible]	110
2/4	[illegible]	800
2-4	[illegible]	500

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1958

Date of examination: December 9, 1958

Operator: Centrida Mines, Inc., Kellogg, Idaho

Owner: Fred J. Brough, Salmon, Idaho, and Laura Ledbetter, Maxville, Montana

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Total amount of contract: $63,140.00

Total expenditures under contract: 62,612.50

Amount of Government participation at 50%: 31,306.25

Royalty payments this period: $ 6.20

Previous royalty payments: 7,213.41

Total royalty payments to date: 7,219.61

Percent Government participation repaid: 23.06%

Royalty due on production to date: $324.87 (subject to audit)

Royalty remarks: The royalty paid this period was on production reported for the period January 1 to June 30, 1958.

The owner continues to pay royalty at the full rate of 5%. The overpayment is being applied on royalty due from past production.

Royalty due as of June 30, 1958	$329.21
Overpaid during period of July 1 to December 31, 1958	4.34
Balance of royalty due	$324.87

See Oper. Comm letter 8/26/57

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ___ Survey ___ Joint X	19,500 (below 600 level)	5.8% Cu
Revised estimate of DMEA reserves (Field Team)	none	
Increase of reserves by work performed subsequent to DMEA project work:	none	

Production of DMEA ore (this period): 65,650 (see report of 6/3/58 for period 1/1-6/30/58)

(previous): 8,769.234 *

(to date): 8,834.884 *

*Includes disputed production

Production of Operator's ore found subsequent to DMEA work: none

Percent of revised reserves mined: (original) 45.3%

Production remarks: Production subject to royalty was mined from the 500 and 600 levels by the Ran Rex Oil and Mining Company, Inc., P. O. Box 35, Bountiful, Utah. The mine has been idle ever since this shipment was made on June 3, 1958.

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

Signed: Wm. M. Romischer (Engineer)

OFFICIAL FILE COPY
DMEA
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		CODE
1/28	C	220
1/28	Comm	100

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1957

Date of exam: December 8, 1957

Operator: Centrida Mines, Inc., Kellogg, Idaho

Owner: Fred J. Brough, Salmon, Idaho, and Laura Bedbetter, Maxville, Montana

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Total amount of contract: $63,140.00

Total expenditures under contract: 62,612.50

Amount of Government participation at 50%: 31,306.25

Royalty payments this period: $ 1,125.37

Previous royalty payments: 6,088.04

Total royalty payments to date: 7,213.41

Percent Government participation repaid: 23.04%

Royalty due on production to date: $329.21 (subject to audit)

ACTION ON INTERIM
FIELD EXAM REPORT

Date 1/28

Referred to:

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

Note comments in report regarding:

1. Inactive or recessed?
2.
3.
4.

and take appropriate action.

- - - - - - - - -

Action taken by Division:

Robert E. Adams

Royalty remarks: The owner continues to pay royalty at the full rate of 5%. The overpayment is being applied on royalty due from past production.

Royalty due as of June 30, 1957	$423.23
Overpaid during period of July 1 to December 31, 1957	94.02
Balance of royalty due	$329.21

Original estimate of DMEA reserves (from Field Team final report)	Tons	Analysis
Mines ____ Survey ___ Joint X	19,500 (below 600 level)	5.8% Cu

Revised estimates of DMEA reserves (Field Team)
Mines ___ Survey ___ Joint ___

Increase of reserves by work performed subsequent to DMEA project work

Production of DMEA ore (this period):	1,566.040 *	
(previous):	7,203.194 *	grades?
(to date):	8,769.234 *	

(*Includes disputed production)

Production of Operator's ore found subsequent to DMEA work

(this period):	?
(previous):	
(to date):	

Percent of revised reserves mined: 45%

Production remarks: Production subject to royalty was mined from the 300, 400 and 500 levels by Rulon Young, lessee, and from the 600 level by Olin Gunderson, lessee. All ore was sent to the A.S.& R. Co. smelter at Garfield, Utah. The mine has been inactive since October 22, 1957. The Gunderson lease shut down September 1, 1957; the Rulon Young lease shut down October 22, 1957. ?

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

quit or only recessed?

Signed: Wm. M. Romischer (Engineer)

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1957 Date of exam: June 6, 1957

Operator: Centrida Mines, Inc., P. O. Box 838
Kellogg, Idaho

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number
and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

OFFICIAL FILE COPY
DMEA
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DATE	INITIALS	CODE
7/11	P.K.	220
12	Cou	100

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Total amount of contract: $63,140.00

Total expenditures under contract: 62,612.50

Amount of Government participation at 50%: 31,306.25

Royalty payments this period: $ 1,956.77

Previous royalty payments: 4,131.27

Total royalty payments to date: 6,088.04

Percent Government participation repaid: 19.45%

Royalty due on production to date: $423.23 ✓

Royalty remarks: The owner continues to pay royalty at the full rate of 5%. The overpayment is being applied on royalty due from past production. ?

Royalty due as of Dec. 31, 1956 -	$578.28
Overpaid period of Jan. 1- June 30, 1957	155.05
Balance royalty due	$423.23

Semi-annual report
Contract No. Idm-E651, page 2

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ___ Survey___ Joint ___	10,000	5.5%
Revised estimate of DMEA reserves (Field Team) Mines ____ Survey ___ Joint ___		
Increase of reserves by work performed subsequent to DMEA project work		
Production of DMEA ore (this period)	2482.656 *	
(previous)	4720.538 *	
(to date)	7203.194 *	

*Includes disputed production

Production of Operator's ore found subsequent to DMEA work
(this period)

(previous)

(to date)

Percent of revised reserves mined:

Production remarks: Production subject to royalty was mined from the 300, 400, and 500 levels by Rulon Young, lessee, and from the 600 level by Olin Gunderson, lessee. Mr. Young has a lease on the 100 and 200 levels which he has subleased to Mr. Gunderson. No mining was done on these levels during the reporting period. Mr. Young ships about 2 cars per week and Mr. Gunderson ships 1 car per week. All ore was sent to the A.S.& R. Co. smelter at Garfield, Utah. Smelter sheets were reviewed and production is being disposed of in an equitable and satisfactory manner.

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

Signed: D. D. Walker (Engineer)

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JAN 22 1957
D.M.E.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: July 1 to December 31, 1956 Date of exam: Nov. 8, 1956

Operator: Centrida Mines, Inc., P. O. Box 838, Kellogg, Idaho

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Total amount of contract: $63,140.00

Total expenditures under contract: $62,612.50

Amount of Government participation at 50%: $31,306.25

Royalty payments this period: $ 2,671.06

Previous royalty payments: $ 1,460.21

Total royalty payments to date: $ 4,131.27

Percent Government participation repaid: 13.20%

Royalty due on production to date: $578.27 ✓

Royalty remarks: Refer to royalty audit by C. A. Turner, dated December 20, 1956. The Operator, misinterpreting the royalty regulations, paid the Government 5% of the net smelter returns regardless of grade. This has resulted in an overpayment of $139.26 royalty. A total of $717.53 is due from past production and adjusting this figure accordingly reduces the total royalty due to $578.27. ?

Semi-annual report
Contract No. Idm-E651

	Tons	Analysis
Original estimate of DMEA reserves (from Field Team final report) Mines ____ Survey ___ Joint X	10,000	5.5%
Revised estimate of DMEA reserves (Field Team) Mines ____ Survey ___ Joint ___		
Increase of reserves by work performed subsequent to DMEA project work		
Production of DMEA ore (this period)	2552.577	
(previous)	1540.242	
(to date)	4092.819	
Production of Operator's ore found subsequent to DMEA work (this period)		
(previous)		
(to date)		

Percent of revised reserves mined:

Production remarks: Production subject to royalty was mined from the 200, 400, 500, and 600 levels; the major portion coming from the 500 and 600 levels. Three cars were mined from the North vein on the 500 level and shipped at a $2,200.00 loss and one car was mined from the 200 level at a loss.

Clint Gunderson, lessee, and two or three miners mined on the 500 and 600 levels, and Rulon Young, lessee, and one miner mined on the 200, 400, and 500 levels. No work was done on the road to the 100 level.

Ore was sent to the American Smelting & Refining Co. smelters at Garfield, Utah and to smelters at Tacoma, Wash. Smelter settlement sheets were reviewed and production is being disposed of in an equitable and satisfactory manner.

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

Signed: A. L. Service (Engineer)

ADDENDUM TO
SEMI-ANNUAL REPORT OF CERTIFIED PROJECT
March 15, 1956

Reporting period: July 1, 1955 to December 31, 1955

Operator: Centrida Mines, Inc.

Mine name: Pope-Shenon mine

County and State: Lemhi County, Idaho

Docket No. and Commodity: DMEA-3112 (copper)

Contract No.: Idm-E651

Other remarks (Investments, etc.):

As a result of the ore indicated by diamond drilling under the DMEA project, the property owner has been aided in getting lessees to work the mine. A road has been bulldozed to the upper levels and lessees expect to further develop and exploit these areas.

The rising copper price has been an incentive to further development of the mine.

Signed: A. L. Service (Engr.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Period: July 1, 1955 to December 31, 1955

Docket No.: DMEA-3112
Contract No.: Idm-E651

Operator: Centrida Mines, Inc., P. O. Box 838, Kellogg, Idaho

Commodity: Copper

Mine name: Pope-Shenon

County: Lemhi
State: Idaho

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Date of examination for this report: December 12, 1955

Total amount of contract: $63,140.00

Total expenditures under contract: $62,612.50

Amount of Government participation at 50%: $31,306.25

Royalty payments this period: $453.17

Previous royalty payments: none

Total royalty payments to date: $453.17

% Loan repayment completed: 1.45%

Amount of royalty due: None

Royalty remarks:

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Original estimate of reserves
(from final Engr.-Geol. Report): 10,000 tons of 5½% copper

Increase (or decrease) of reserves
by work performed subsequent to
expiration or termination of
contract: none

Revised estimate of reserves:

Production this period (ore or concentrates): 495.951 tons ore

Amount of previous production (since date of
contract): none

Total DMEA production to date: 495.951 tons ore ?

% of revised reserves mined:

Production remarks:

Most of the production has come from the 500 and 600 levels. Tailings from the old mill have been shipped, but they are situated off the property and are not subject to Government royalty.

Other remarks: (Investments, etc.)

As a result of the ore indicated by diamond drilling under the DMEA project the property owner has been aided in getting lessees to work the mine.

Signed: A. L. Service (Engr.)

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

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UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

SEMI-ANNUAL REPORT OF CERTIFIED PROJECT

Reporting period: January 1 to June 30, 1956 Date of exam: May 21, 1956

Operator: Centrida Mines, Inc., P. O. Box 838, Kellogg, Idaho

Mine name: Pope-Shenon

County and State: Lemhi County, Idaho

Docket number and commodity: DMEA-3112 (copper)

Contract number: Idm-E651

Date of contract: December 28, 1953

Date of certification: September 19, 1955

Expiration date of royalty payments: December 28, 1963

Total amount of contract: $63,140.00

Total expenditures under contract: $62,612.50

Amount of Government participation at 50%: $31,306.25

Royalty payments this period: $1,007.05

Previous royalty payments: $ 453.16

Total royalty payments to date: $1,460.21

Percent Government participation repaid: 4.66%

What about royalty?

Royalty due on production to date: $717.54 due on shipments made in 1954

Royalty remarks: The royalty payment figures quoted are not final; several shipments made by Rulon Young in 1954, for which about $717.54 in royalties are due, are in question. Mr. C. Walker Lyon, the Operator's attorney, has objected to payment of royalty on these shipments.

JUL 12 1956

[redacted]

Rare Metals Division
Robert Ginter, Table and Files

The attached is report regarding:

Royalty Question

Last info is docked in Fld Inv
Ltr 5/15/56 to Opr. requesting
payment.

Talbot

[illegible] appropriate action.

Action taken by Division:

Audit division
handling

WRY

Original estimate of reserves (from final Engr.-Geol. report):	10,000 tons of 5.5% copper
Increase (or decrease) of reserves by work performed subsequent to original and last Field Team estimates:	Decrease 1,711 tons on which royalty has been paid 324 " " " " is due 2,035
Revised estimate of reserves:	7,965 tons of 5.5% copper
Production this period:	1,215.427 tons ore (royalty paid on this) 324.815 " " (royalty due)(1954 prod.) 1,540.242
Amount of previous production (since date of contract):	495.951 tons ore
Total DMEA production to date:	2,036.193 " "
Percent of revised reserves mined:	25.56%

Production remarks:

Ore produced from the mine during the reporting period has come from the 100, 200, 400, 500 and 600 levels.

Rulon Young, lessee, has confined his operations to the 500 level where he has mined and shipped 4 lots totaling 212.049 tons of ore averaging 8.96% copper.

Clint Gunderson, operating with a crew of 3 to 4 miners, has mined on all the above-mentioned levels. Thirteen shipments from these levels, credited to Robertson and Steeples and to Gunderson and Mays, totaled 1,499.329 tons of ore averaging 3.84% copper. The bulk of the tonnage mined has come from the 500 and 600 levels in the areas explored under DMEA contract.

An access road has been constructed from the 500 level to the old 100 level and Gunderson expects to mine higher grade ore that is indicated on old maps.

Production remarks (continued):

Smelter settlement sheets for all shipments to the American Smelting and Refining Company smelters at Garfield, Utah and Tacoma, Wash. have been submitted by the Operator's attorney. Production from the mine is being disposed of in a satisfactory and equitable manner. The Operator's attorney, Mr. C. Walker Lyon, has been advised that royalty payments should be made directly to the Government from the smelter.

Other remarks:

Production from the Pope-Shenon mine has been revived by the increased market price of copper and the results of the DMEA program. If copper remains near its present price level there are considerable tonnages of lower grade copper ore that can be mined at a profit and continued production at the present rate can be expected.

Signed: A. L. Service (Engineer)

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

CP

XXXXXXXXXXXXXXXXXX
1201 N. Division St.
Spokane 2, Washington
April 19, 1955

3112

Centrida Mines, Inc.
Box 838
Kellogg, Idaho

Re: Contract Idm-E651
Monthly operating report for
March 1955

Gentlemen:

The subject invoice has been received and processed for payment. However, a portion of the approved payment is being withheld until an audit of your records is made by a representative of the Contract and Audit Division of the Defense Minerals Exploration Administration.

This is standard procedure for all contracts as project work is completed. We are obliged to withhold a portion of the Government's contribution to the cost pending a final accounting.

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

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 7, 1950
(Gen. Reg. No. 51, Supp. No. 11)

PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. .....

Bu. Vou. No. 1545

U. S. .....
(Department, bureau, or establishment)

Voucher prepared at Spokane 6/27/55
(Give place and date)

THE UNITED STATES, Dr., Payee's Account No. Idm-E651

RECEIVED
JUL - 5 1955

To Centrida Mines, Inc.
(Payee)

Box 838 Kellogg, Idaho
(Address) (City) (State)

PAID BY
[illegible]
(For use of Paying Office)

No. and Date of Order	Date of Delivery or Service	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms	QUANTITY	UNIT PRICE Cost	UNIT PRICE Per	AMOUNT Dollars	AMOUNT Cts.
	March 1955	Balance of payment which was withheld pending final audit. $3,172.50 was paid on March 1955 MF-104 under Voucher No. 1489 dated 4/19/55.				500.00	
PAYMENT: Complete ☐ Partial ☐ Final ☐		FINAL PAYMENT					
		Use continuation sheet(s) if necessary					
Shipped from	to	Weight	Government B/L No.		Total	500.00	

(Payee must NOT use this space)

Differences .....

Account verified; correct for 500.00

(Signature or initials) .....

Contract No. Date Req. No. Date Invoice Rec'd.

500.00

Myrtle I. Purdy

MEMORANDUM

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

Appropriation, limitation, or project symbol	Appropriation title	Limit'n. or Proj't. Amount	Appropriation Amount
14X4401m	Revolving Fund, Defense Production Act, Interior	$500.00	$500.00

Allotment symbol	Amount	Obligations liquidated	COST ACCOUNT Symbol	COST ACCOUNT Amount	OBJECTIVE CLASSIFICATION Symbol	OBJECTIVE CLASSIFICATION Amount

Paid by { Check No. ..... dated ....., 19....., for $..... } on Treasurer of the United States in favor of payee named above.
{ Cash, $....., on ....., 19.....

16—22900a-2

METHOD OF OR ABSENCE OF ADVERTISING

METHOD OF ADVERTISING

1. Advertising in newspapers Yes ☐ No ☐.
2. (*a*) Advertising by circular letters sent to ..... dealers.
   (*b*) And by notices posted in public places Yes ☐ No ☐.

   (If notices were not posted in addition to advertising by circular letters sent to dealers, explanation of such omission must be made below.)

ABSENCE OF ADVERTISING

3. Without advertising, under an exigency of the service which existed prior to the order and would not admit of the delay incident to advertising.
4. Without advertising in accordance with .....
5. Without advertising, it being impracticable to secure competition because of .....

.....

.....

.....

.....

(Here state in detail the nature of the exigency or circumstances under which the securing of competition was impracticable under 3 and 4)

NOTE.—The above form "Method of or Absence of Advertising" is to be used when purchases are made or services secured under proper authority without written agreement in any form. In case of a written agreement (formal contract, proposal, and acceptance, or less formal agreement) Standard Form No. 1036—Revised should be used for abstracting the method of or absence of advertising and award of contract. (See General Regulations No. 51, as amended.)

U. S. GOVERNMENT PRINTING OFFICE : 1950 O—75805

16—22900a-2

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

1201 N. Division St.
Spokane 2, Washington
April 19, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 12 1955

MEMORANDUM

To: DMEA Field Team, Region I, NW District

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

Subject: Final inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract Idm-E651

The Pope-Shenon mine was visited on March 31, 1955, with Mr. Frank Taft, the Operator's engineer. Three men were working at the property during the inspection.

The last diamond drill hole was drilled out on March 31, and the contract work units were completed. Mr. Taft said that some ore was hit in several of the holes, but the logs were not available at that time.

One man was cleaning up and preparing to move the equipment off the job while the other two were finishing up the drilling. All the company-owned equipment is being stored or sold. There is no jointly-owned equipment on the project.

All diamond drill cores are stored in the mill building and have been verbally released by the company engineer.

The contract units completed are:

	Authorized	Completed
Crosscutting	800 feet	150 feet
Drifting		648 "
1 large D.D. station	$750	$750
5 small D.D. stations @ $200/ea.	$1000	$1000
Diamond drilling	4060 feet	4023 feet

The project has been handled in an efficient manner and the workmanship has been good.

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

A. L. Service

A. L. Service

Bureau Mines Administration
RECEIVED
APR 1955

[illegible]:
No. 157 Howard Street
Spokane 4, Washington

April 14, 1955

Mr. Frank Taft
Centrida Mines, Inc.
P. O. Box 330
Kellogg, Idaho

Re: Docket No. DMEA-3112 (copper)
Centrida Mines, Inc.
Pope-Shenon Mine
Lemhi County, Idaho
Contract No. Idm-E651

Dear Mr. Taft:

I have just completed reading your final report on the Pope-Shenon project and would like to congratulate you for the very clear and intelligible report. We wish more of the DMEA operators' final reports were as good as this.

Sincerely yours,

A. [illegible] Olsenborn
Executive Officer, DMEA
Field Team, Region I
Northwest District

cc: DMEA (2)
USBM (2)
Nickelson

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

Budget Bureau No. 42-R1036.3.
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 25 1955

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of March, 1955 Docket No. DMEA 3112 Contract No. IDM-E 651
Operator's Name CENTRIDA MINES, INC. Minerals Copper
Address Box 838, Kellogg, Idaho
Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	7345.00	18,804.50	26,149.50			
Bulldozing	—	6,525.00	6,525.00			
Crosscutting	—	28,188.00	28,188.00			
Drifting	—	1,750.00	1,750.00			
Diamond Drill Stations						
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7345.00	55,267.50	62,612.50	734500	55267,50	62612,50

I certify that the above bill is correct and just and that payment therefor has not been received.
Date April 5, 1955 *Payee Centrida Mines, Inc.
Per R. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 3172 50

Signature MGP
(Authorized Certifying Officer)

Date 4-19-55 Vou. No. 1489
(See other side)

500 00 withheld pending audit

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6651 in accordance with the terms of the contract.

Signature /S/ Alfred R. Service Title Mining Engr Date 4-11-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr Date 4-12-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GPO 83-38476

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of March 195 5 Docket No. DMEA 3112 Contract No. DDM-E 651
Operator's Name CENTRIDA MINES, INC. Minerals Copper
Address BOX 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	—	—	28,188.00	648	28,188.00)	800	43.50 ~~34,800.00~~
Crosscutting	ft.	—	—	6,525.00	150	6,525.00)		
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	7345.00	1130	26,149.50	4023	26,149.50	4060	6.50 ft ~~26,390.00~~
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations		—	—	1,750.00	6	1,750.00	7	1,950.00
TOTAL DISTRIBUTED COSTS		7345.00		62,612.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		7345.00		62,612.50				63,140.00

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

Date April 5, 1955 Operator Centrida Mines, Inc.
Per C. W. Halan Title Secretary

REMARKS:

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

(Instructions on reverse)

(For Government use only)

/s/ alfred R Service

INSTRUCTIONS

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

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

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

GPO 872894

CENTRIDA MINES, INC.
P. O. BOX 838
KELLOGG, IDAHO

April 5, 1955

DEPARTMENT OF THE INT
Defense Minerals Administration
RECEIVED
APR 25 1955

A. E. Weissenborn
W. G. Agnew
Defense Minerals Exploration Administration
Spokane, Washington

Narrative report for the month of March, 1955, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract No. DMEA 3112.

Dear Sirs:

Please find enclosed a copy of the 40 scale map of the 600 level, one of the 500 level and also two small prints showing the location of the diamond drill holes, their logs and assays where taken.

Following is a listing of each of the diamond drill holes along with their completed depths:

Hole No.	15	minus 60° angle	305 feet
"	16	minus 57° angle	280 feet
"	17	horizontal	145 feet
"	18	horizontal	150 feet
"	19	horizontal	210 feet
"	8	deepened from 109' to 149'	40 feet

Total number of feet drilled this month. . . 1130 feet

Drill holes No. 15 and No. 16 were drilled to intersect the mineralized zone at the same horizon to the east and west respectively of that zone cut by drill hole No. 4. The zone cut in hole No. 15 was narrow and completely oxidized. That cut by No. 16 carried sulphides but of rather narrow width and not too good grade. Refer to the small prints for additional information.

Drill hole No. 17 was drilled on the 600 level near the adit to check the mineralization to the west of the intersection of the zone by the adit crosscut. This hole showed a 3 foot zone of 1.92% cu and 5.04 copper oxide.

Holes No. 18 and 19 were drilled on the 500 level to check the upward extension of the zone cut at the end of the 600 diamond drill cross cut. Hole No. 18 cut a 5 foot mineralized zone, which is very likely the upward extension of the zone. No. 19 did not cut any such zone.

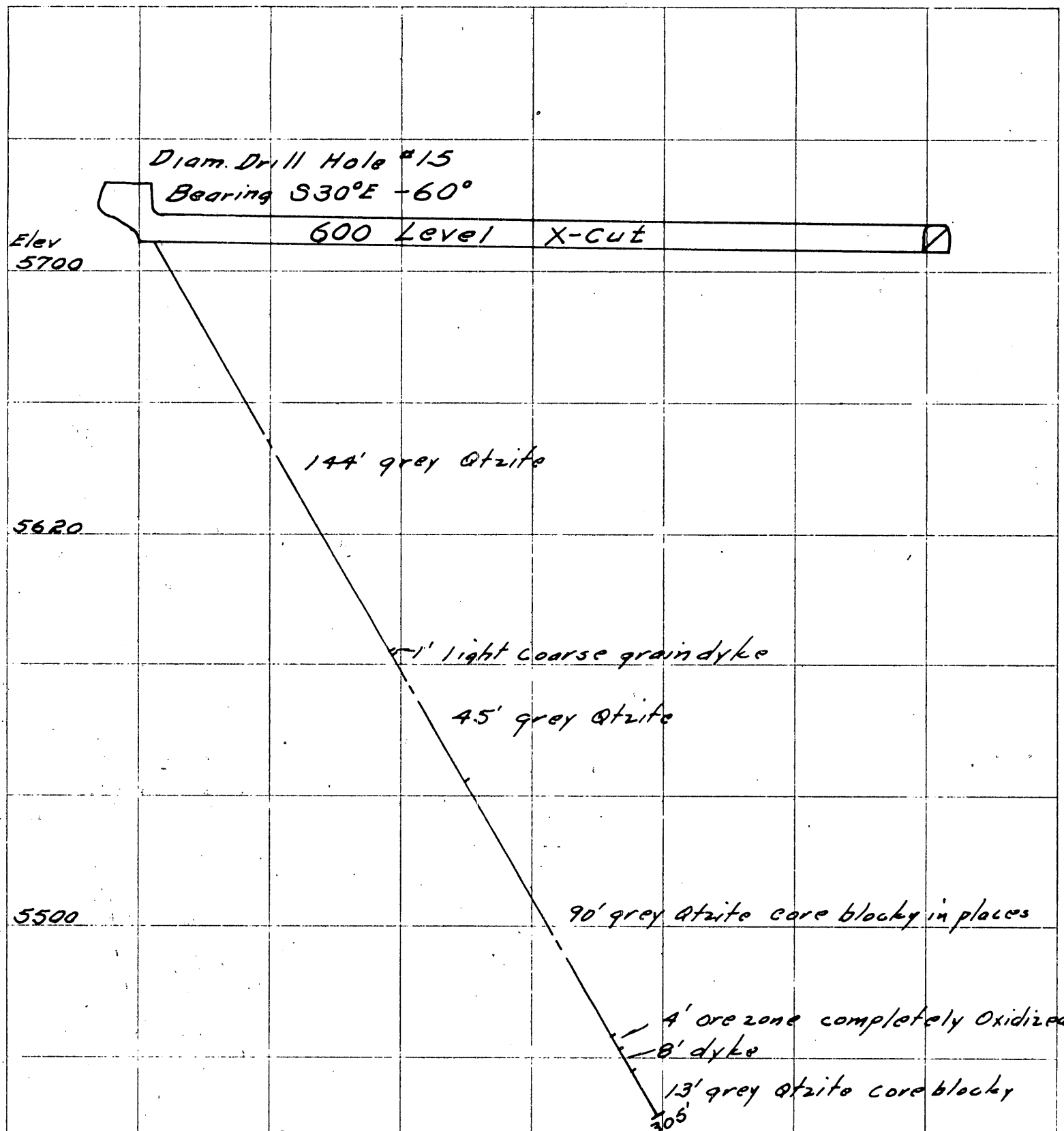
The completion of Hole No. 19 finishes the diamond drilling on the present outlined program.

Very truly yours,

FRANK A. TAFT, Engineer

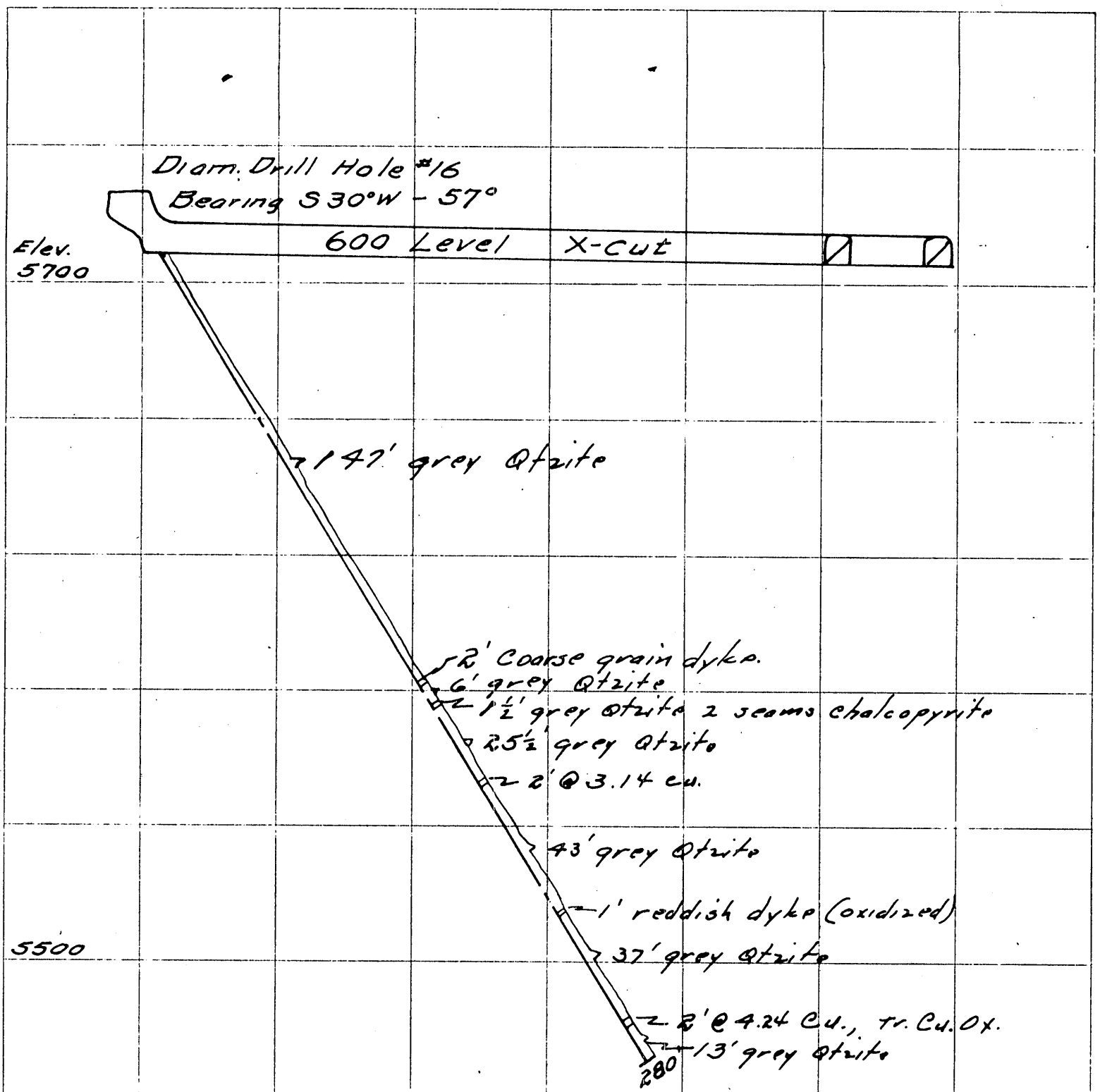
The above is a true copy of a report submitted by Mr. Taft to this corporation.

Centrida Mines, Inc.
C. Whalen
C. Whalen, Secretary



CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº15
Scale 1" = 40' Mar. 1955 F.T.

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



CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº 16
Scale 1" = 40' Mar. 1955 FT.

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

XXXXXXXXXXXXXXXXXX
1201 E. Division St.
Spokane 2, Washington
March 16, 1955

~~Chrysolite~~
Strawberry
Betty

DME A-3112

Centrics Mines, Inc.
Box 838
Kellogg, Idaho

Re: Contract Idm-2651
Monthly operating report for
February 1955

Gentlemen:

The subject invoice has been received and processed. However, as your project is nearing completion, payment is being withheld until another MF-184 is received. At that time a portion of the amount due on the two reports submitted will be held back and a check will be sent you for the balance.

This is standard procedure for all contracts as the project nears completion. We are obliged to withhold a portion of the Government's contribution to the cost pending a final accounting and receipt of a final engineering report.

By Field Team, Region I
Northwest District

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

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

cc: DMEA (2)
USGS (2)
Wash. (2)

Form MF-104A
(April 1952)

W

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Feb. 195 5 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name CENTRIDA MINES, INC. Minerals Copper

Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	—	—	28,188.00	648	28,188.00)	800	34,800.00
Crosscutting	Ft.	—	—	6,525.00	150.	6,525.00)		
Raising								
Shafts								
Winzes								
Drilling: Core	Ft.	6981.00	1074	18,804.50	2893	18,804.50	4060	26,390.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations		—	—	1,750.00	6	1,750.00	7	1950.00
TOTAL DISTRIBUTED COSTS		6981.00		55,267.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6981.00		55,267.50				

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

Date March 10, 1955 Operator CENTRIDA MINES, INC.

Per C. Whalen Title Secretary

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

DMEA Field Team, Region I
Northwest District

February 18, 1955

DMEA Certifying Officer, Region I

Centrida Mines, Inc., Contract Idm-2651, Monthly operating report for Dec.-Jan.

The operating report covering the months of December 1954 and January 1955 has been received from the subject operator and has been processed for payment.

A deletion of $87.00 was made from the amount claimed by the operator, which represents 2 feet of drifting at $43.50 per ft.

The operator claimed 85 ft. of advance in the east drift on the 600 level for the month of December whereas the inspecting engineer measured 83 feet which he states completes the contract drifting units of 500 feet on the 600 level.

Mr. Service, the engineer assigned to the project, will take final measurements of the drift on the 600 level when he visits the property again and if the operator's measurements are found to be correct, he may reclaim the amount deleted on a subsequent MF-104.

Myrtle Purdy

cc: USGS
DMEA
WASH. ✓
AD
Engr.

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

1201 N. Division St.
Spokane 2, Washington
February 17, 1955

MEMORANDUM

To: DMEA Field Team, Region I

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

Subject: Interim inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The project was inspected on February 1, 1955, with Frank Taft, the Operator's engineer.

There were eight diamond drill holes drilled on the 600 level diamond drill station crosscut at the time of the inspection. See the attached map. The total footage drilled was 1819 feet.

Hole No. 1 intersected small seams of chalcopyrite at 43 feet and 104 feet and 2 feet of 1.04 percent sulphides of copper and 8.36 percent oxides of copper at about 188 feet. Hole No. 2 hit 7 feet of 0.47 percent sulphides of copper and 4.1 percent oxides of copper at about 225 feet. Hole No. 6 hit 6 feet of good copper ore at 135 feet. The other five holes intersected heavily oxidized zones, but there were no visible sulphides.

Mr. Taft is planning to move the drillers to the east end of the DMEA drift and start drilling to the north. The present plans is to partly drill out the drift, then drop back and fill in after the information obtained from the first holes is correlated.

Total contract units completed to February 1, 1955 are:

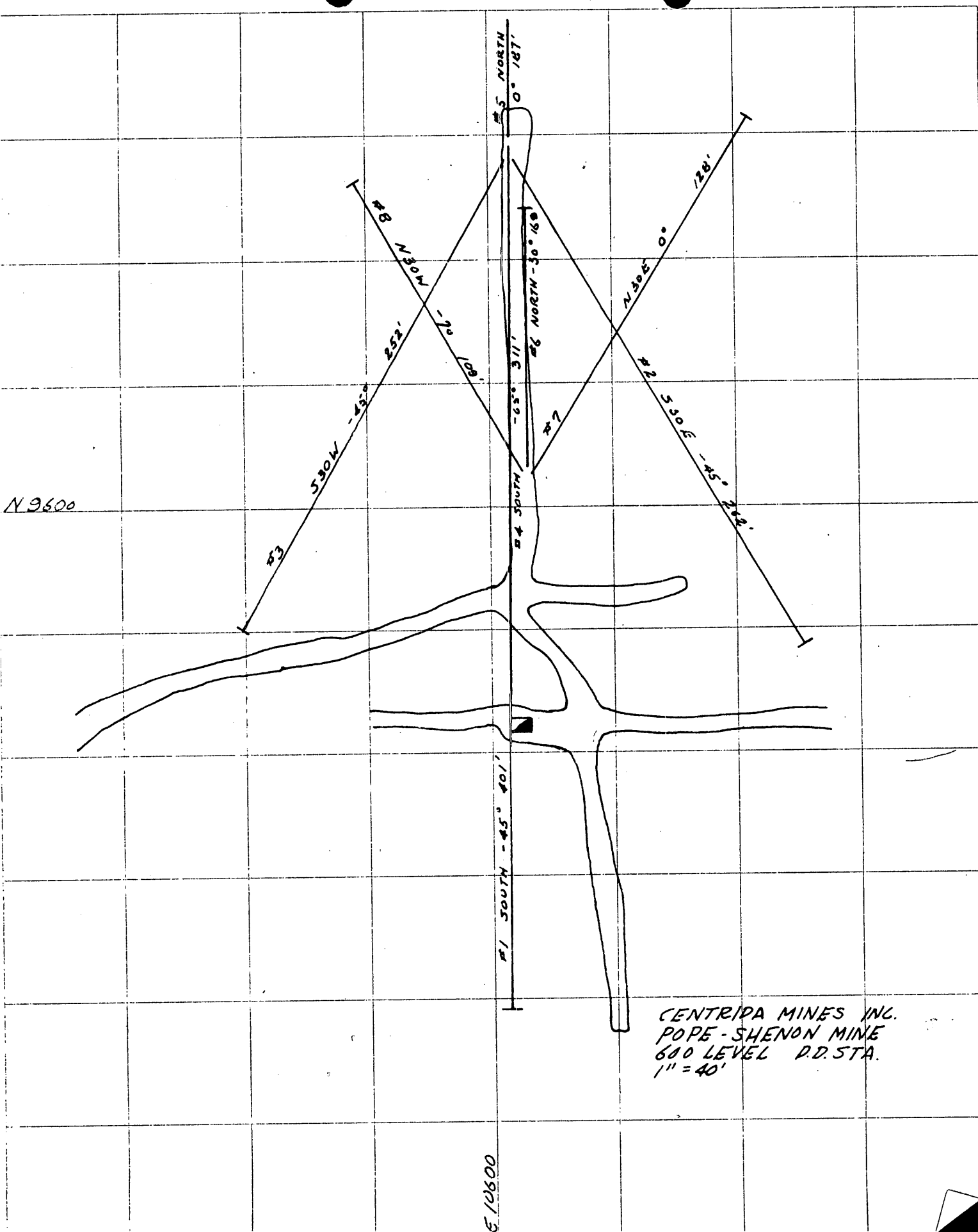
Crosscutting	150 feet
Drift	647 "
Diamond drill stations	$1950.00
Diamond drilling	1819 feet

The workmanship and progress have been good. The access road is not passable to conventional vehicles because of the deep snow.

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

A. L. Service

A. L. Service



CENTRIDA MINES INC.
POPE-SHENON MINE
600 LEVEL D.D. STA.
1" = 40'

DIAMOND DRILL CORE LOG

COMPANY Centrida Mines Ltd

MINE Pope Shenon [illegible] Salmon, Idaho

DRILL [illegible] 1 [illegible] 401 [illegible] 666

COORDINATES S 9715 [illegible] 10,607

ELEVATION 5711 [illegible] 205 [illegible] -45°

[illegible] 1/13/55 [illegible] 6 Left

From	To	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	39					grey Quartzite seams oxidized
	39					½" Chalcopyrite seam
39	102					grey Quartzite seams oxidized
102	104					" " small seams of Chalcopyr
104	115					grey Quartzite
115	116					white granular dyke
116	144					grey Qtzite.
144	145					" " core broken + oxidized some seams of Chalcopyr
145	189	Cu.	opinl			grey Qtzite,
189	191	940	8.36 sample			core terribly broken up contains chalcopyrite, bornite, Malachite
191	200					grey Qtzite
200	203					" " oxidized containing a few small seams of chalcopyrite
203	216					grey Qtzite
216	220					light grey dyke (coarse grained)
220	228					grey Qtzite

DIAMOND DRILL CORE LOG

COMPANY

MINE

1 Continued

DATE

COLLAR

DIST

LOGGED BY

FROM	TO	ASSAY			REMARKS
228	249				
249	249½				grey Qtzite.
249½	264				" " Core blocky oxidizing
264	275				grey Qtzite
275	311				light coarse grain dyke
311	311½				grey Qtzite
311½	326				Core broken strongly oxidized open water seams
326	401				grey Qtzite
					grey Qtzite

COMPANY Consolidated Mines Inc

HOLE NO. Pepe Stokes Salmon Fm.

COORDINATES E 262 N 600

COORDINATES E 7,745 N 6,607

DIRECTION 5 30 E -45°

DATE 1/12/55 LOGGED BY F. A. Taft

From	To	Assay			Remarks
0	126				grey Quartzite
126	127				light coarse grain dyke
127	146	cu.			grey Qtzite
146	151	0.64		sample	" " seams of chalcopyrite
151	161				grey Qtzite
161	162				" " some small seams of chalcopyrite
162	218				grey Qtzite
218	222	total			" " some limestone seams
222	224	cu.	Oxide		coarse grain dyke material
224	231	4.48	4.1	sample	core broken strongly oxidized containing chalcopyrite, malachite. Fe2
231	250				grey Qtzite
250	251				" " some small seams of chalcopyrite
251	262				grey Qtzite

DIAMOND CORE LOG

COMPANY Consolidated Mines Inc

MINE Pope Shenon LOCATION Salmon, Idaho

DRILL HOLE No. 3 TOTAL DEPTH 252 LEVEL 600

COORD. N 9,715 E 10,602

ELEV. TOP 5716 N 530W DIP -45°

1/25/55 HOLE BY F.A. Taft

From	To	Cu	Au		Description
0	53				grey Qtzite
53	56				" " broken core.
56	98				" "
98	104				" " core broken
104	129				grey Qtzite
129	130				light coarse grain dyke
130	154	Cu.	visible		grey Qtzite
154	158	0.25	0.08	sample	strongly oxidized some chalcopyrite open water seams.
~~158~~	~~187~~				
158	187				grey Qtzite
187					1" seam of chalcopyrite
187	194				grey Qtzite
194	195				" " some seams of chalcopyrite
195	225				grey Qtzite
225	226				light coarse grain dyke
226	230				grey Qtzite
230	233			sample	ore zone All sulphides no oxidation
233	252				grey Qtzite

DIAMOND DRILL CORE LOG

COMPANY Centrida Mines Inc.

MINE Pope Shenon LOCATION Salmon, Ida.

DRILL HOLE NO. 4 TOTAL DEPTH 311 LEVEL 600

COORDINATES N-S 9,718 E-W 19,607

ELEVATION 5710 BEARING Due So. DIP -65°

DATE 1/21/55 LOGGED BY F.G.D.

From	To	ASSAY			REMARKS
0	5				grey Qtzite.
5	6				good ore Chalcopyrite
6	62				grey Qtzite Oxidized on seams somewhat blocky
62	160				grey Qtzite
160	161				light coarse grain dyke.
161	185	Cu.		[redacted]	grey Qtzite
185	193	0.90	ground	Sample tight	" " seams of Chalcopyrite Metal all sulphides
193	250				grey Qtzite
250	271				" " somewhat blocky
271	287				" "
287	291½	8.10		Sample	Chalcopyrite + Fos Metal all sulphides ground very tight.
291½	311				grey Qtzite

DIAMOND DRILL CORE LOG

COMPANY Centrusty Mines Inc.

MINE Pope Shenon PROP. Salmon, Idaho

HOLE 5 LOCATION 187 DIP 60

CORE SIZE 9726 [illegible] 4167

ELEV. TOP 5713 Dec Nov. 1962

DATE 12/1/62 J. L. Cook

From	To	Core Type
0	26	grey Qtzite some brown band oxidized on seams
26	32	" " " " " core blocky
32	67	grey Qtzite oxidized on seams. brown bands in core
67	88	grey Qtzite
88	95	" " oxidized on seams brown bands
95	145	grey Qtzite core blocky
145	157	" " brown bands. oxidized on seams
157	187	grey Qtzite

DIAMOND DRILL CORE LOG

COMPANY Centrala Mines Inc

MINE Pope Shenoy LOCATION Salmon, Ida.

DRILL HOLE NO. 6 TOTAL DEPTH 169 LEVEL 600

COORDINATE N-S 2614 E-W 10612

ELEVATION 5710 BEARING Due North DIP -30°

DATE 1/26/85 LOGGED BY [illegible]

From	To	ASSAY	REMARKS
0	24		grey Qtzite
24	25		light coarse grain dyke
25	34		grey Qtzite
	34		2" seam of chalcopyrite
34	95		grey Qtzite Oxidized on seam
95	133		grey Qtzite
133	139	Sample	grey Qtzite ~~chalcopyrite~~ some oxidization
139	154		grey Qtzite
154	155		2 - 1" seams of chalcopyrite
155	169		grey Qtzite

DIAMOND DRILL CORE LOG

COMPANY Centrida Mines Inc

MINE Pope Shenn LOCATION Salmon, Ida.

DRILL HOLE NO. 7 TOTAL DEPTH 128 LEVEL 600

COORDINATE N-S 7614 E-W 10616

ELEVATION 5713 BEARING N30E DIP horiz.

DATE 1/29/57 LOGGED BY T. G. Taft

From	To	ASSAY				REMARKS
0	16					grey Qtzite
16	17½					light coarse grain dyke
17½	62					grey Qtzite
62	63					" " oxidized ore blocky
63	76					grey Qtzite
76	82					" " oxidized seams
82	110					grey Qtzite
110	114					ore zone completely oxidized
						Porous only one small speck
						of chalcopyrite visible
114	120					grey Qtzite Oxidized porous seams
						probably previous seams of Chalcopyrite
120	128					grey Qtzite brown bands

DIAMOND DRILL CORE LOG

COMPANY Centridy Mines Inc.

MINE Pope Shenon LOCATION Salmon Idaho

DRILL HOLE NO. 8 TOTAL DEPTH 108 LEVEL 600

COORDINATE N-S 9614 E-W 1766.10

ELEVATION 5213 BEARING N30W DIP -7°

DATE 1/31/55 LOGGED BY A.G.J.

From	To	ASSAY				REMARKS
0	33					grey Qtzite
33	36					light coarse grain dyke
36	66					grey Qtzite
66	82					grey Qtzite about 8 seams
						open + oxidized small amount
						of sulphides in some
82	86					grey Qtzite open oxidized
						seams
86	86½					Quartz seams of chalcopyrite
86½	89					grey Qtzite.
89	90					ore zone all oxidized some quartz
90	109					grey Quartzite brown bands

CENTRIDA MINES, INC.
P. O. BOX 638
KELLOGG, IDAHO

March 11, 1955

Defense Minerals Administration
RECEIVED
MAR 21 1955

A. E. Weissenborn
W. Agnew
Defense Minerals Exploration Administration
Spokane, Washington

Narrative report for the month of February, 1955, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract DMEA 3112.

Dear Sirs:

Please find enclosed a copy of the 40 scale map plus one small print showing the location of the diamond drill holes completed this month.

Following is a listing of each diamond drill hole along with the completed depth of each:

Diamond drill hole	No. 9. . . .	90 ft. deep
"	No. 10. . . .	151 ft. deep
"	No. 11. . . .	300 ft. deep
"	No. 12. . . .	156 ft. deep
"	No. 13. . . .	301 ft. deep
"	No. 14. . . .	76 ft. deep

Total number of feet drilled this month: 1074

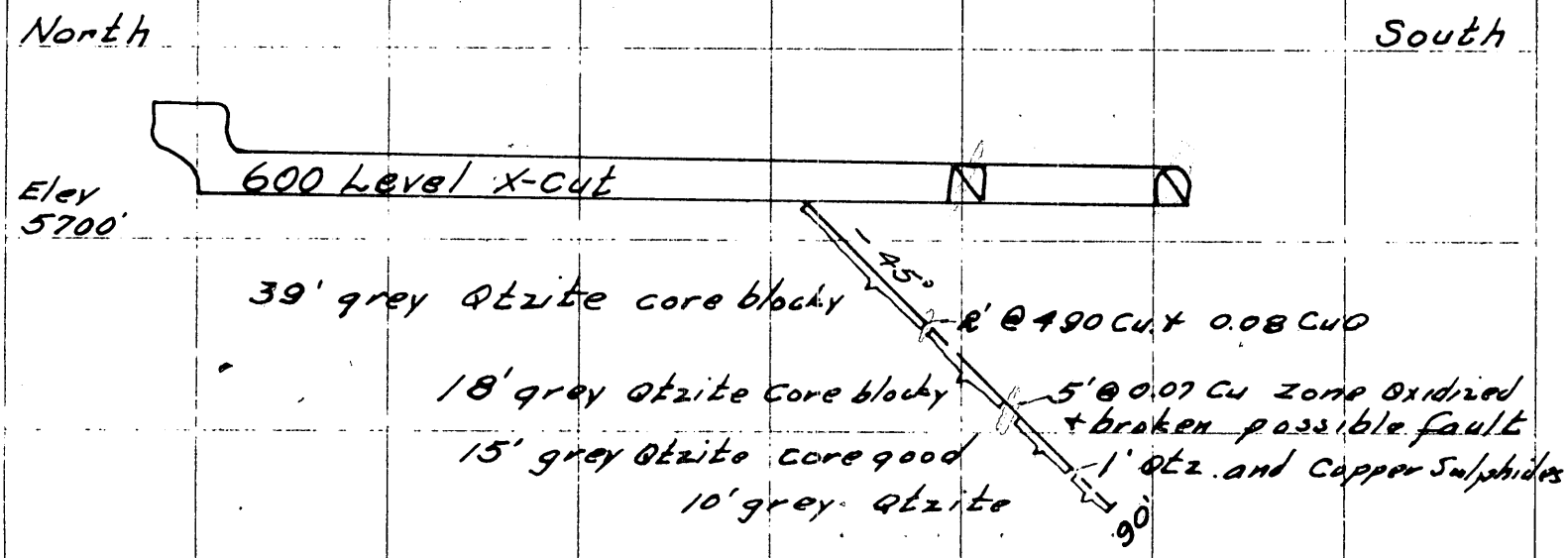
Drill hole No. 9 was drilled on a south bearing and on a minus 45° angle. Please refer to the small print for the location and geology of this hole, also assays. Drill holes No. 10, 11, 12, 13 and 14 were all horizontal holes drilled off the 600 level. Please refer to the 40 scale plan for the location and geology of those holes. No values showed up in either of these holes. The two holes No. 11 and 12 both crossed some open fractures and are making considerable water.

Very truly yours,

FRANK A. TAFT, Engineer

The above is a true copy of a report submitted by Mr. Taft to this corporation.

Centrida Mines, Inc.
C. Whalen
C. Whalen, Secretary



CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº 9
Scale 1" = 40' Feb. 1955 F.T.

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

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

Budget Bureau No. 42-R1036.5

Department of the Interior
Defense Minerals Administration
Received
APR 25 1955

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

Month of February, 195 5 Docket No. DMEA 3112 Contract No. IDM-E 651
Operator's Name CENTRIDA MINES, INC. Minerals Copper
Address Box 838, Kellogg, Idaho
Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						Grosvenor
Drilling	6981.00	11,823.50	18,804.50	6981.00		Kluegerbeid
Bulldozing						
Crosscutting	—	6,525.00	6,525.00			Selby
Drifting	—	28,188.00	28,188.00			
Diamond drill Stations	—	1,750.00	1,750.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6981.00	48,286.50	55,267.50	6981.00	48286.50	55267.50

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

Date March 11, 1955 Payee CENTRIDA MINES, INC.

Per L. Whalen Title Secretary

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

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

1-104a - narrative — (Instructions on reverse)
& maps sent to wash.
3-16-55

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

$ 3490 50

Signature M. Zp
(Authorized Certifying Officer)

Date 4-19-55 Vou. No. 1489
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E651 in accordance with the terms of the contract.

Signature (S) Alfred C. Service Title Mining Eng. Date 3-14-55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W. Zoldok Title Mining Eng. Date 4-19-55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CENTRIDA MINES, INC.
P. O. BOX 838
KELLOGG, IDAHO

Feb. 12, 1955

A. E. Weissenborn
W. Agnew
Defense Minerals Exploration Administration
Spokane, Washington

Narrative report for the months of December, 1954 and January, 1955, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract DMEA-3112.

Dear Sirs:

Enclosed please find a copy of the 40 scale map showing the progress on the 600 level for the month of December. The total advance for the month was 85 feet in the east drift. The ground still remains very hard. However, it has become more blocky and has crossed a couple of small faults which are making water and also show some oxidation.

Please find enclosed a copy of the 40 scale progress map plus six small prints showing the geology and assay values of each diamond drill hole for the month of January, 1955. Also eight copies of the drill logs covering the eight diamond drill holes completed during January. The progress map shows 13 feet advance in the 600 east drift which completes the drifting of 500 feet agreed upon. Also the completion of five diamond drill stations that have been approved for location by the U.S.G.S. geologist.

Following is a listing of each diamond drill hole completed along with the completed depth of each:

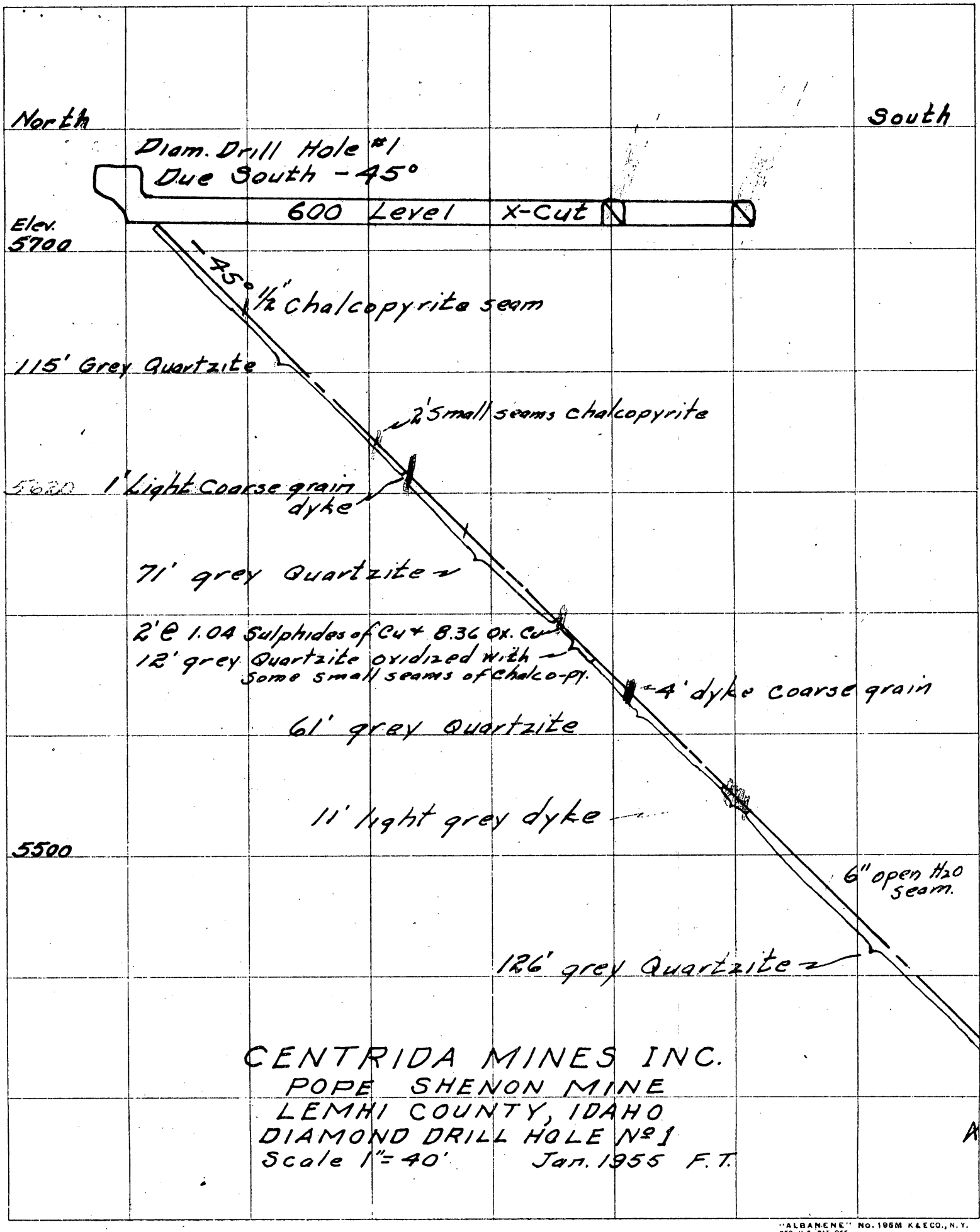
Hole No. 1. . . .401 ft.	Hole No. 5. . . .187 ft.
Hole No. 2. . . .262 ft.	Hole No. 6. . . .169 ft.
Hole No. 3. . . .252 ft.	Hole No. 7. . . .128 ft.
Hole No. 4. . . .311 ft.	Hole No. 8. . . .109 ft.

Total number of ft. drilled-1819

Diamond drill holes No. 1, 2 and 3 were drilled south from the drill station in the cross cut on a minus 45°. Holes No. 1 and 2 showed the ore zone to be entirely oxidized with hole No. 3 showing sulphides but of rather low grade. Hole No. 4, on a minus 65° intersection, cut the ore zone about 120 ft. below hole No. 1 and showed 4½ ft. of core that averaged 8.1% cu. and it all being sulphides. Due to the good sulphides in hole No. 4 it is possible that an open water fault through the ore zone in the vicinity of No. 1 and 2 is responsible for the oxidation shown by the holes. Diamond drill hole No. 5 was drilled due north out of the end of the cross cut to further check the hanging wall for any mineralization, of which it showed none. Drill hole No. 6 cut about 107' south of the drill station and drilled north on a minus 30° to check the downward extension of the mineralized zone cut in the drill station. This hole showed 6' of well mineralized zone. The zone will probably run around 4% copper, which was the assay of it on the level. However, the core still showed considerable oxidation. Holes No. 7 and 8 were drilled horizontally to intersect the zone about 60' to the east and west respectively. They showed the zone narrowing and completely oxidized. For further information on the holes please refer to the maps and the drill logs of each hole, which are enclosed. Core recovery on all holes was very good.

Very truly yours,
FRANK A. TAFT, Consulting Engineer

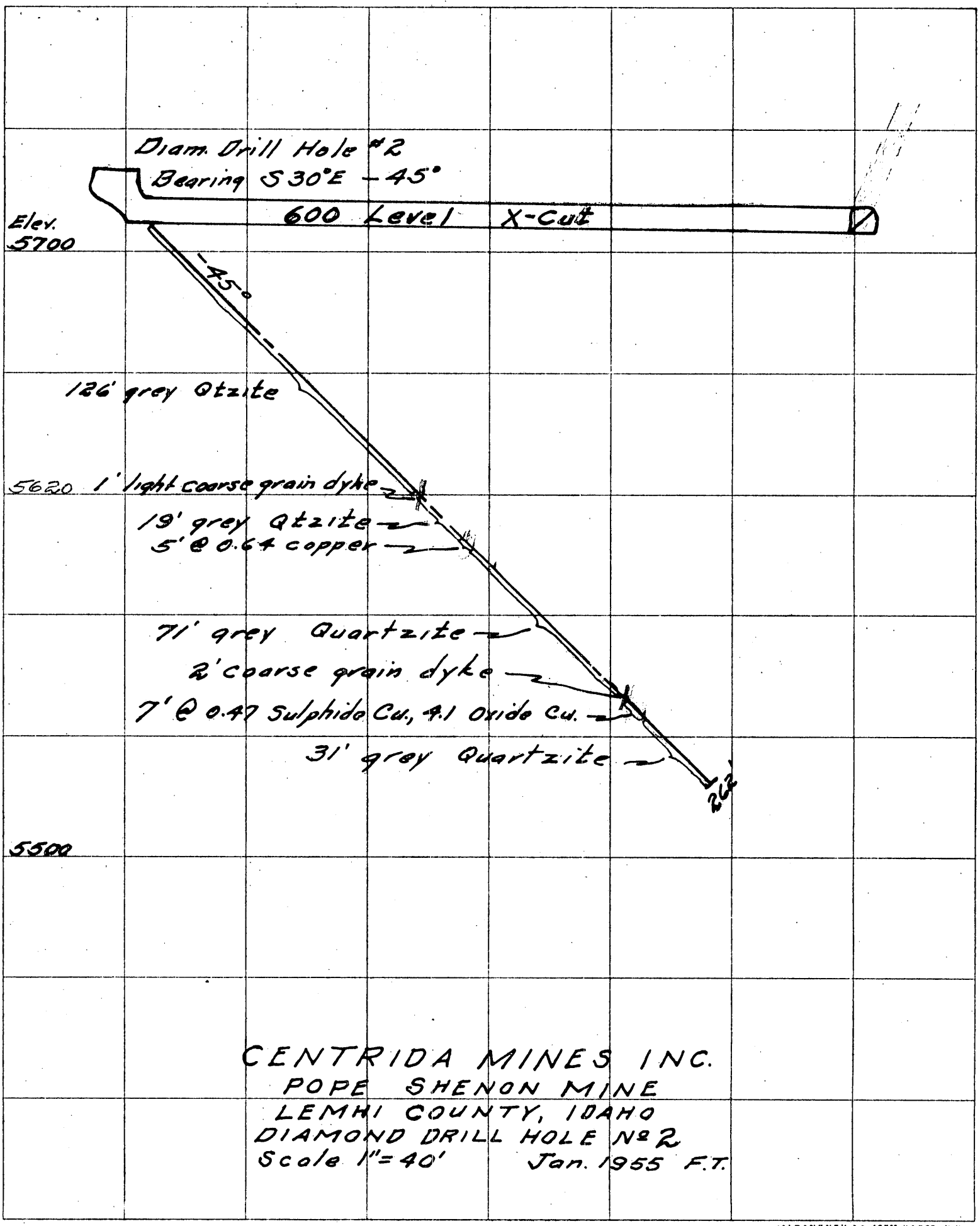
The above is a true copy of Mr. Taft's reports. Centrida Mines, Inc. E. Whdeme



CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº 1
Scale 1" = 40' Jan. 1955 F.T.

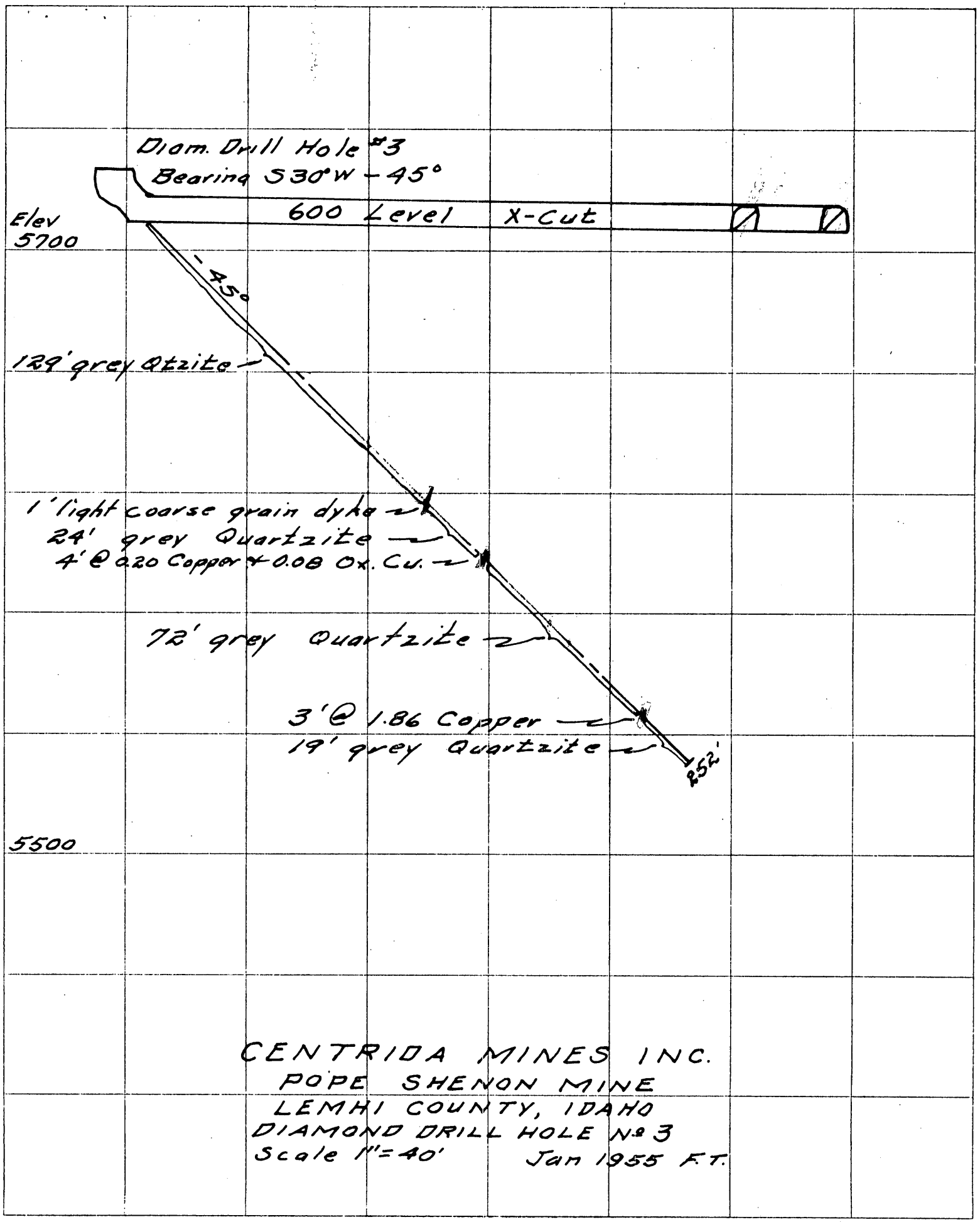
A01

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

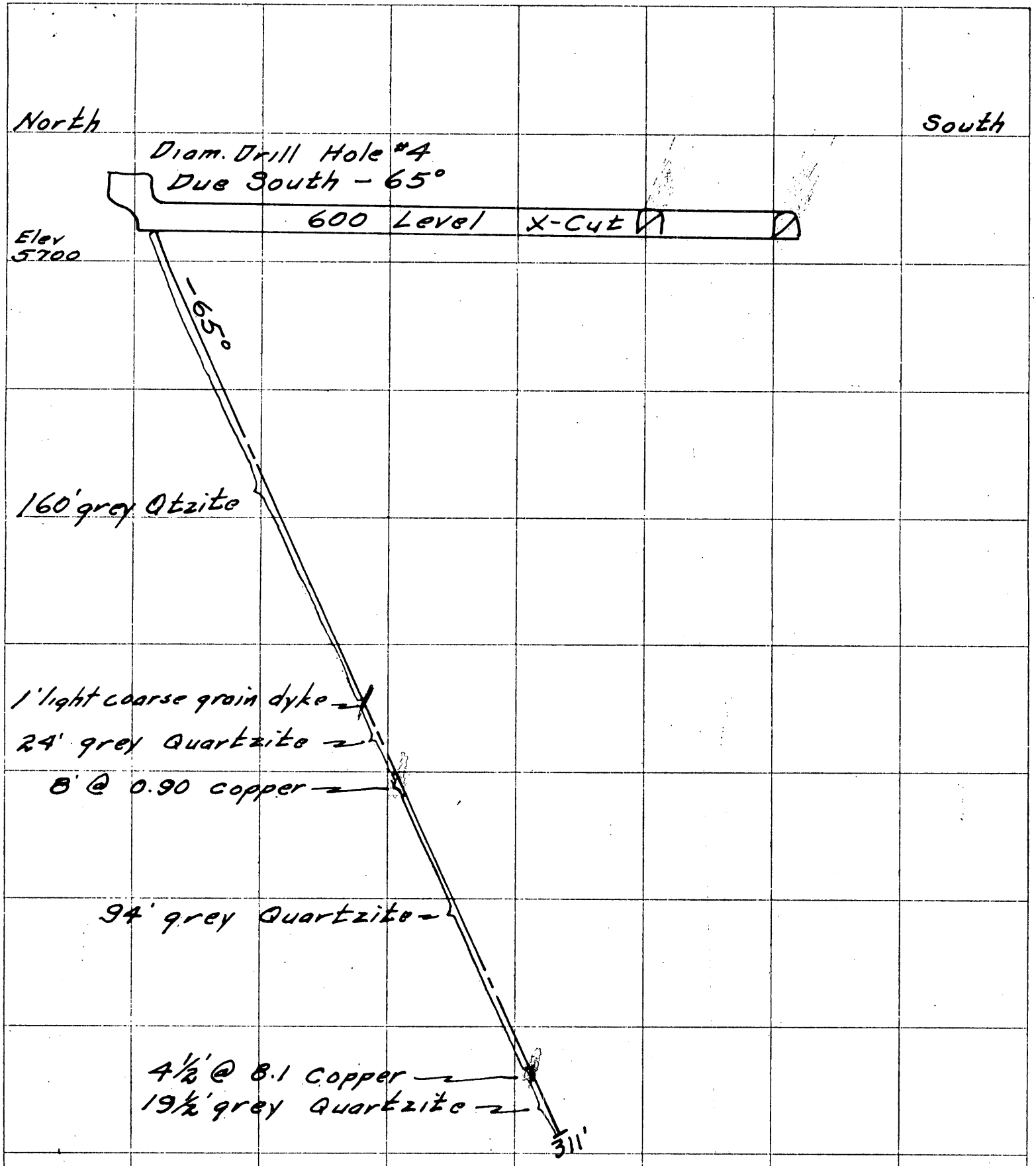


CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº 2
Scale 1" = 40' Jan. 1955 F.T.

"ALBANENE" No. 196M K&E CO., N.Y.
REG. U.S. PAT. OFF

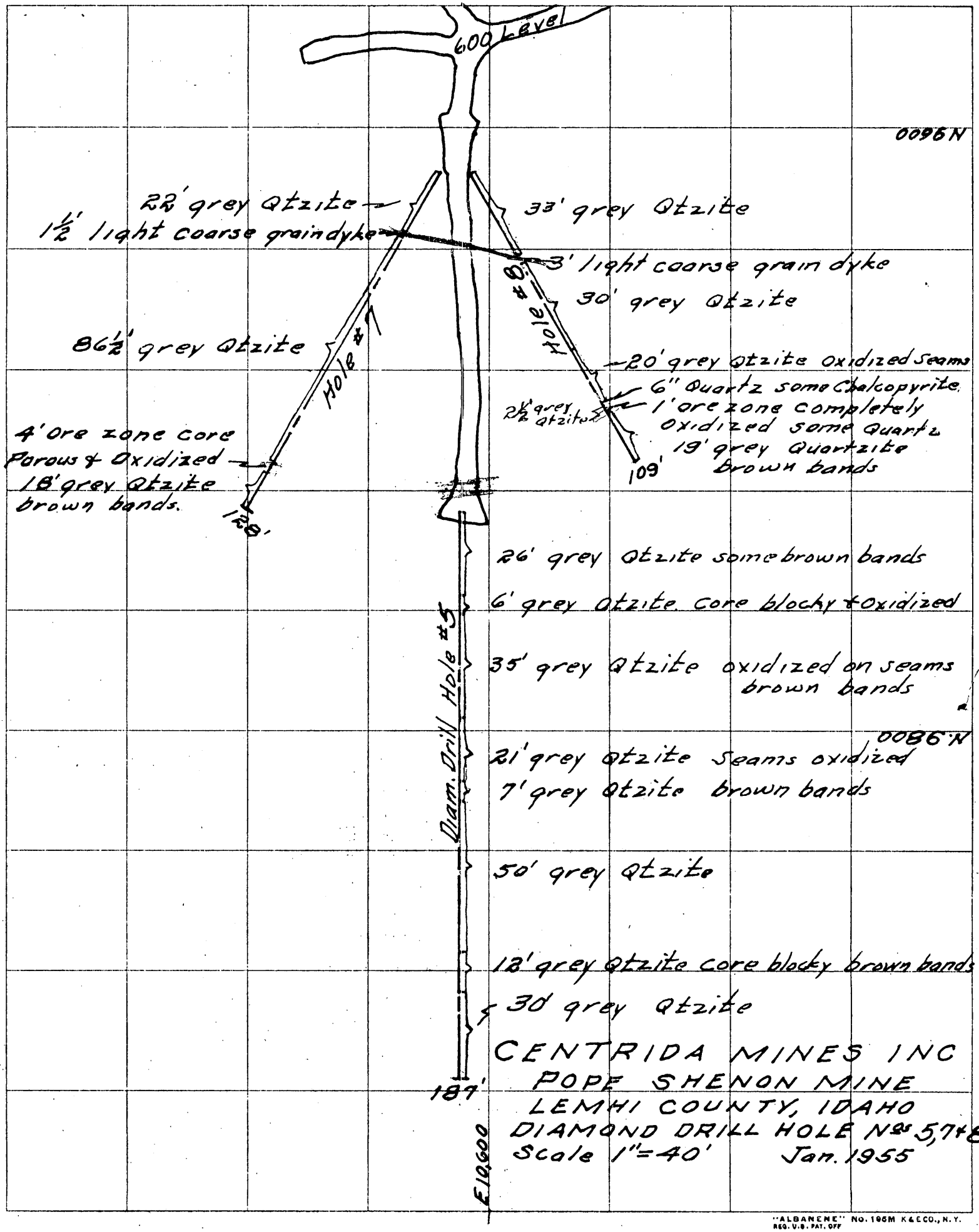


"ALBANENE" No. 195M K&E CO., N.Y.
REG. U.S. PAT. OFF

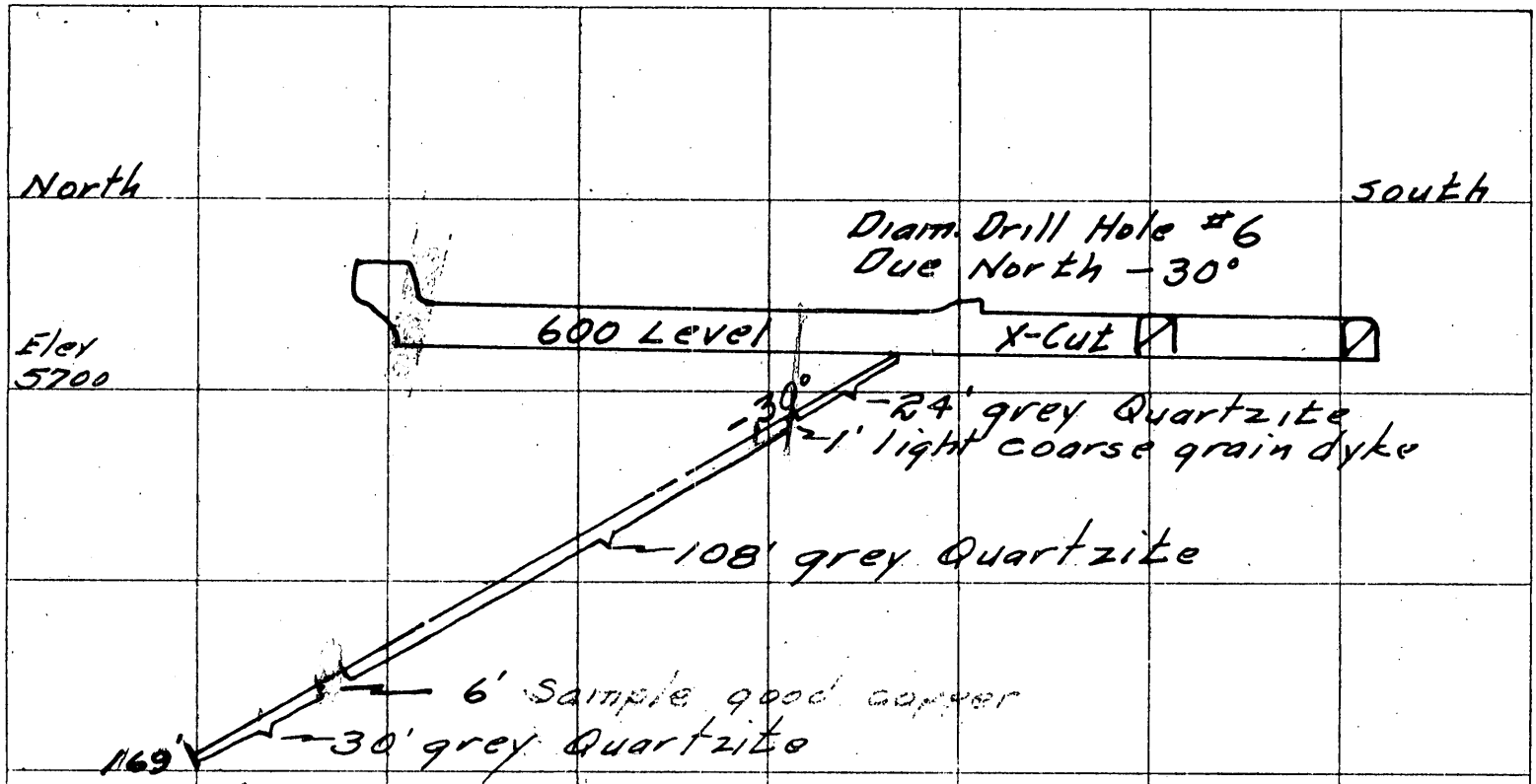


CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE No 1
Scale 1" = 40' Jan. 1955 F.T.

"ALBANENE" NO. 196M K&E CO., N.Y. REG. U.S. PAT. OFF



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



CENTRIDA MINES INC.
POPE SHENON MINE
LEMHI COUNTY, IDAHO
DIAMOND DRILL HOLE Nº 6
Scale 1"=40' Jan. 1955 F.T.

"ALBANENE" No. 196M K&E CO., N.Y.
REG. U.S. PAT. OFF.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Dec.-Jan., 195 4-5 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name CENTRIDA MINES, INC. Minerals Copper

Address Box 838, Wallogg, Idaho

Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling	11,823.50	—	11,823.50	11823.50	—0—	11,823.50
Bulldozing						
Crosscutting	—	6525.00	6525.00		6525.00	6,525.00
Drifting	4,263.00	24,012.00	28,275.00	4176.00	24012.00	28188.00
Diamond Drill Stations	1,000.00	750.00	1750.00	1000.00	750.00	1750.00
(2) Labor and Supervision:						
Labor						Driscoll
Supervision						Betty
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	17,086.50	31,287.00	48,373.50	16999.50	31287.00	48286.50

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

Date Feb. 12, 1955 *Payee Centrida Mines, Inc.

Per C. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 8499 75

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

Date 2/18/55 Vou. No. 1441
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E651 in accordance with the terms of the contract.

Signature /S/ Alfred L. Service Title Mining Engr Date 2/14/55

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /S/ Stephen W. Zoldok Title Mining Engr Date 2/17/55

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Dec.-Jan. 1954-5 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name Centrida Mines, Inc. Minerals Copper

Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	4263.00	98	28,275.00	650	28,275.00)	800	34,800.00
Crosscutting	ft.	—	—	6525.00	150	6525.00)		
Raising								
Shafts								
Winzes								
Drilling: Core	ft.	11,823.50	1819	11,823.50	1819	11,823.50	4060	26,390.00
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Stations		1000.00	5	1750.00	6	1750.00	7	1950.00
TOTAL DISTRIBUTED COSTS		17,086.50		48,373.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		17,086.50		48,373.50				

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

Date Feb. 12, 1955 Operator Centrida Mines, Inc.

Per L. Whalan Title Secretary

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division Street
Spokane 2, Washington
January 17, 1955

Defense Minerals Administration
RECEIVED
FEB 17 1955

MEMORANDUM

To: DMEA Field Team, Region I

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

Subject: Interim Inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The inspection was made on January 12, 1955 accompanied by H. B. Nickelson, geologist, Geological Survey. The diamond drillers were at the property.

There has been a total of 83 feet of drift completed in the east drift since the last inspection. This completes the contract drifting units of 500 feet on the 600 level.

The 6 small diamond drill stations have been excavated and diamond drilling has started in the north crosscut; see attached maps.

Two diamond drill holes had been completed and another started in the north crosscut at the date of the inspection. Hole No. 1 was 401 feet, hole No. 2 was 260 feet and hole No. 3 was collared and down about 20 feet. Core recovery was very good.

Total contract units completed to date are:

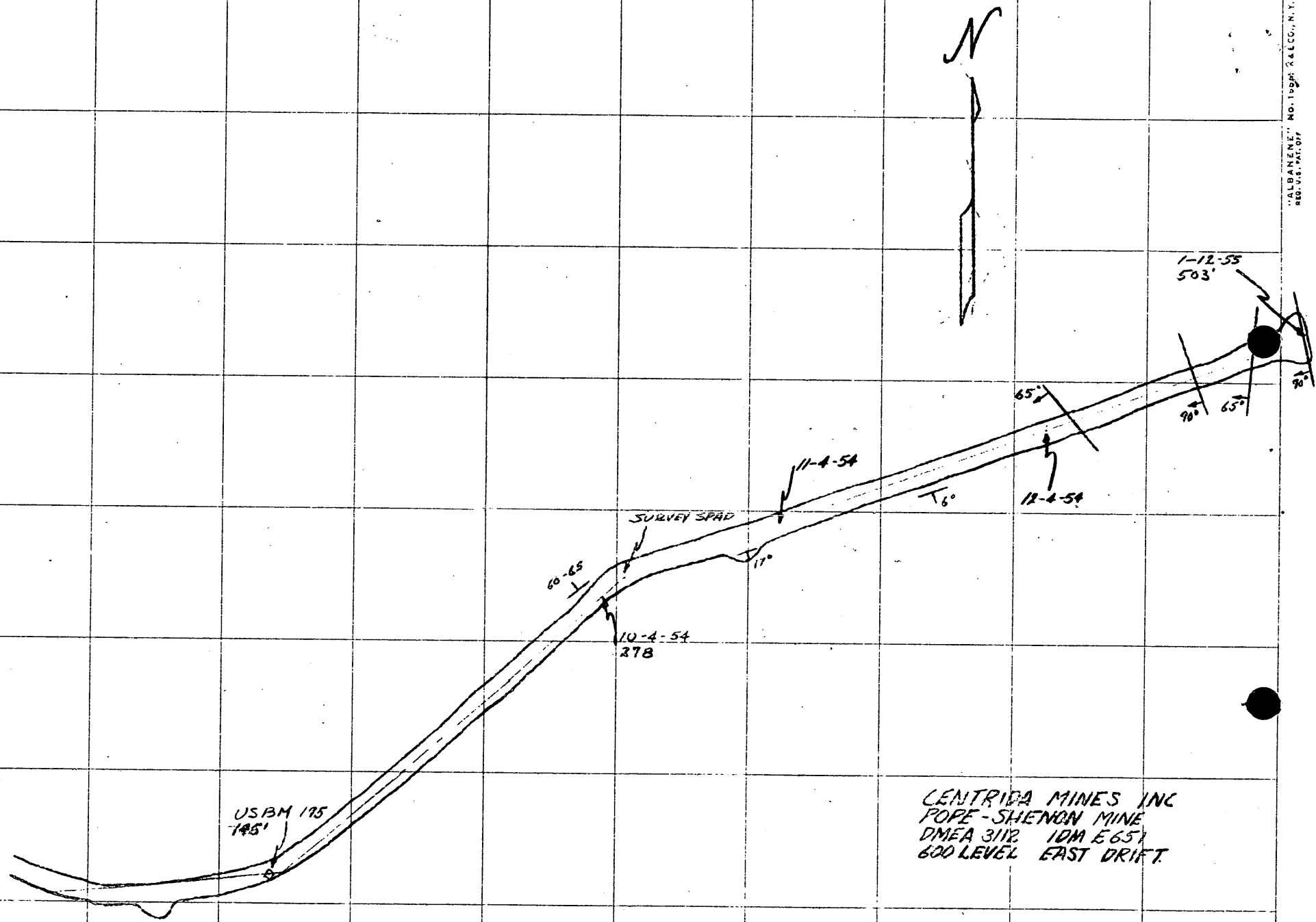
Crosscutting	150 feet
Drift	647 "
Diamond drill stations	$1,950.00
Diamond drilling	681 feet

The workmanship on the project has been good.

The access road was in good condition and still passable with chains.

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

A. L. Service
A. L. Service



CENTRIDA MINES INC
POPE-SHENON MINE
DMEA 3112 IDM E651
600 LEVEL EAST DRIFT

"ALBANENE" NO. 1 DRAFTING REG. U.S. PAT. OFF. A.&E. CO., N.Y.

DMEA Field Team, Region II

December 17, 1954

DMEA Certifying Officer, Region II

3112

Centralia Mines, Inc. Contract Idx-2651 Operating Report for October and November 1954.

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

A deletion of $6,6.00 was made. This amount was claimed for 16 feet of crosscutting on the 500 level which is in excess of the amount allowed by the contract for this item.

Myrtle Perry

cc: Operator
DMEA (2)
USGS
Wash. (2)
AD
Engr

CENTRIDA MINES, INC.

P. O. BOX 838

KELLOGG, IDAHO

Dec. 10, 1954

Department of the Interior
Defense Minerals Administration
RECEIVED
DEC 13 1954

A. E. Weissenborn
W. Agnew
Defense Minerals Exploration Administration
Spokane, Washington

Narrative report for the months of October and November, 1954, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract DMEA-3112.

Dear Sirs:

Enclosed please find a copy of the 40 scale progress map showing the progress on the 500 level and 600 level for the month of October. The total progress for the month is 57', of which a 16' x-cut was driven on the 500 level and 41' on the east drift on the 600 level.

The end of the drift on the 500 level entered a mineralized zone and upon the suggestion of both the field men from the Us S. Bureau of Mines and the U. S. G. S. a short x-cut was driven to open up the zone. However, it did not show any signs of getting any stronger, so it was decided to leave it until we started diamond drilling to further explore it.

The drift on the 600 level has been swung east on about N 65 E upon recommendation of the U. S. G. S. field man. So far there has been very little change in the ground although it seems to be somewhat more blocky with some moisture showing. The advance is only 41' this month. Due to the hunting season my crew took off and then decided not to return, so I had to pick up a new crew.

Enclosed please find a copy of the 40 scale progress map showing the progress for the month of November. The total progress for the month was 85 feet in the east drift. The ground still remains very hard with no noticeable change in the formation.

Very truly yours,

FRANK A. TAFT, Consulting Engineer

I hereby certify that the above is a true copy of reports submitted to this corporation by Mr. Taft.

CENTRIDA MINES, INC.

C. W. Whalen

C. Whalen, Secretary

DMEA Field Team, Region II

December 17, 1954

DMEA Certifying Officer, Region II

Defense Minerals Exploration Administration
RECEIVED
DEC 23 1954

Centrida Mines, Inc. Contract Idm-2651. Operating Report for October and November 1954.

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

A deletion of $696.00 was made. This amount was claimed for 16 feet of crosscutting on the 500 level which is in excess of the amount allowed by the contract for this item.

Myrtle Purdy

cc: Operator
DMEA (2)
USGS
Wash. (2)

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

1201 N. Division St.
Spokane 2, Washington
December 16, 1954

MEMORANDUM

To: DMEA Field Team, Region II

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

Subject: Routine inspection, Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651, Docket No. DMEA 3112 (copper)

The property was inspected on December 5, 1954 by Bureau of Mines Engineers A. L. Service and V. Z. Johnson. There was no one present at the time of the inspection.

Since the previous inspection on November 4 there has been about 85 feet of advance in the east drift. The drift is still in blocky quartzite country rock. The work on the 500 level was completed in October.

Total contract units completed to date are:

Crosscutting	150 feet
Drift	564 "
Diamond drill stations	$750.00

This leaves a total of 86 feet of drift, 6 small diamond drill stations at $200/ea., and 4,060 feet of diamond drilling to be completed.

Due to the fact that there will not be time to finish the contract work units before the contract expires on December 28, 1954 it is recommended that an extension of time be authorized.

The access road is still passable with chains.

The workmanship is good.

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

A. L. Service

A. L. Service

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

Budget Bureau No. 42-R1036.5

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of Oct. and Nov., 1954 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name CENTRIDA MINES, INC. Minerals Copper

Address Box 838, Kellogg, Idaho

Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						Unsworth Betty
Drilling						
Bulldozing						
Crosscutting	696.00	6525.00	7221.00			
Drifting	5481.00	18,531.00	24,012.00			
Diamond Drill Station	—	750.00	750.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6177.00	25,806.00	31,983.00	5481.00	25806.00	31,287.00

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

Date Dec. 10, 1954 *Payee CENTRIDA MINES, INC.

Per G. W. Halm Title Secretary

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

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

(Instructions on reverse)

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

$ 2740.50

Signature M. P.
(Authorized Certifying Officer)

Date 12/16/54 Vou. No. 1376
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E651 in accordance with the terms of the contract.

Signature /s/ Verdo Z Johnson Title Mining Engr Date 12/13/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Engr Date 12/14/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151
Approval expires 6-30-53.

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
DEC 3 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of Oct. & Nov. 1954 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name CENTRIDA MINES, INC. Minerals Copper

Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT	
							Units	Unit Costs
Drifting	ft.	5481.00	126	24,012.00	552	24,012.00)	800	34,800.00
Crosscutting	ft.	696.00	16	7,221.00	166	7,221.00)		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond drill station				750.00				
TOTAL DISTRIBUTED COSTS		6177.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6177.00		31,983.00				

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

REMARKS:

Date Dec. 10, 1954 Operator CENTRIDA MINES, INC.

Per L. Whalen Title Secretary

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 83-38475

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

November 30, 1954

Memorandum

To: DMEA Field Team, Region II

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

Subject: Interim Inspection, Docket No. DMEA-3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The property was visited on November 20 and 21, 1954. Don Kellum, geologist, Geological Survey, and the writer mapped additional detail on the existing geological map of the 600 level. This map showing the underground advance will be submitted at a later date.

The diamond drillers from the Defense Metals property have set up a pneumatic diamond drill at the face of the diamond drill crosscut and plan to start the -45° hole as outlined in the contract. The diamond drilling has been stopped on the Defense Metals property until the Atomic Energy Commission completes probing the second hole drilled. The AEC men were having trouble with their instrument and to keep from laying off the diamond drillers Mr. Taft decided to start the Pope-Shenon drilling.

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

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

1201 N. Division St.
Spokane 2, Washington
November 12, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Docket No. DMEA 3112 (copper, Contract No. Idm-E651

The inspection was made on November 4, 1954 with the miners at the project.

Since the inspection of October 4, 1954, the drift on the 600 level had been advanced 53 feet in a N. 68° E. direction. The cross section is about 7x8 feet and timbers have not been required. No veins or faults are exposed in this advance.

The Operator completed about 15 feet of crosscut on the 500 level northwestward from the end of the drift (at 150 feet DMEA) through a shear zone with oxidation stains. The only ore present appears where the drift exposed the footwall last month. At this point on the footwall there was 8 inches to 1 foot of gouge, quartz and sulfides from which assay returns have not yet been received.

The total contract units completed to date are as follows:

Crosscutting	150 feet
Drift	479 "
Diamond drill station	$750

The workmanship is good. Progress was poor during the past month because of changing crews.

The diamond drill crew scheduled for this property has encountered some difficulty finishing another project in the vicinity, so that an extension of the project period may be necessary to complete the 4060 feet of diamond drilling scheduled under the contract.

V. Z. Johnson

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

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

RECEIVED

November 1, 1954

Memorandum

To: DMEA Field Team, Region II

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

Subject: Routine inspection, Docket No. DMEA-3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651.

The mine was visited on September 29, 1954. Mr. Taft accompanied the examiner.

The 500 level drifting (150') has been completed. Two stringers of sooty chalcocite and chalcopyrite 1/4 to 3 inches were intersected near the face of the crosscut as shown on the attached map. Mr. Taft was going to drill 2 or 3 rounds in the wall to see if other stringers or a vein existed. Several days later Mr. Taft stated no more stringers were found by the crosscutting.

The work on the 600 level is shown on the attached map. Mr. Taft suggested turning the heading between N. 65° E. to N. 70° E. to which the examiner agreed. The work has progressed to a point approximately east of the starting point. The work outlined in the contract was to drive east on the vein to provide diamond drill stations. No veins or faults have been cut in the last 125 feet of crosscutting. The bearing was planned at N. 70° E. so the remaining work will cut any easterly veins in the area.

The examiner plans to spend several days at the property on the next inspection to map additional details.

Attachments 2
Distribution:
DMEA (orig. & 3)
USBM (2)
Docket
Nickelson

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
October 11, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Docket No. DMEA 3112 (copper), Contract No. Idm-E651

The inspection was made on October 4, 1954 with Mr. Frank Taft, project engineer.

The northeast drift on the 600 level had advanced 98 feet since the inspection of September 11, 1954. No copper minerals or favorable structures were exposed. The cross section is about 6x7 feet and no timbers were required.

The northeast drift on the 500 level had advanced only 28 feet since the previous inspection because the crew had been off preparing for hunting season. A vein is exposed at the face of this inspection (150 feet) which appears to be the same vein which was stoped near the beginning of the DMEA work on this level. The specified drift units for the 500 level are only 150 (paragraph 2 under Description of the Work, Exhibit "A"); but since the drift appears to be in the footwall of a vein it is recommended that an additional 30 feet of drift or crosscut be allowed to properly explore the vein. No timbers were required for the 6½x7-ft. cross section. Check sample No. V.J. 11 was taken 8 in. wide in the floor at 150 feet in the drift on the 500-ft. level.

The total contract units completed as of September 30, 1954 are as follows:

Crosscutting	150 feet
Drift	426 feet
Diamond drill station	$750

A diamond drill crew now at a short project nearby will start drilling at this property in a few weeks.

The workmanship is good and the work will be about completed by the termination date of December 28, 1954.

V. Z. Johnson

V. Z. Johnson

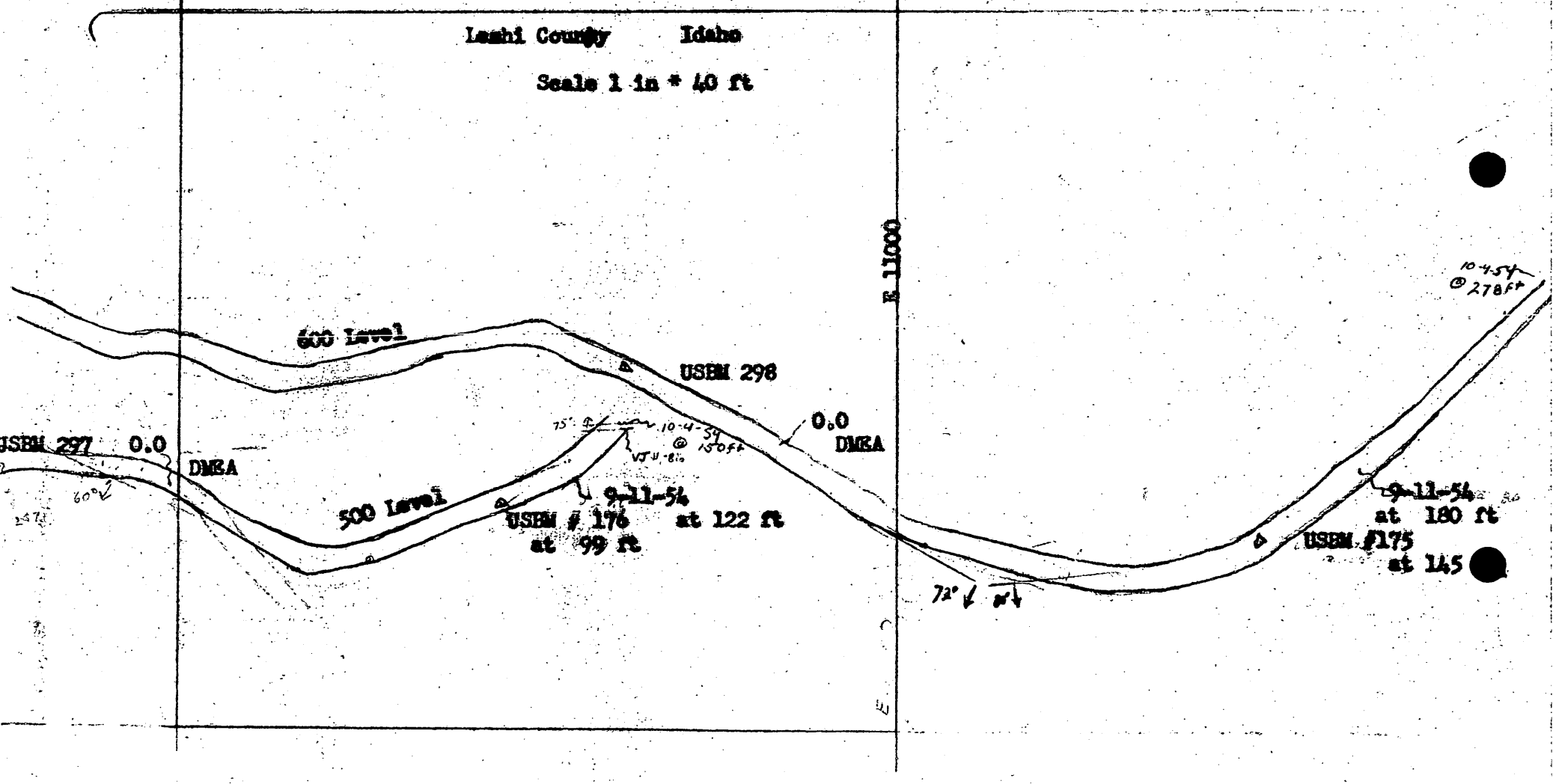
Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D
AD
VZJ/he

CETRIDA MINES INC.(POPE -SHENON)

DMEA 3112 Idm E 651 N 9600

Lemhi County Idaho

Scale 1 in = 40 ft



DEPT. OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

CENTRIDA MINES, INC.

BOX 838

KELLOGG, IDAHO

October 6, 1954

Mr. A. E. Weissenborn

Mr. W. Agnew

Field Team II

Defense Minerals Exploration Administration

Spokane, Washington

Narrative report for month of September, 1954, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho. Contract DMEA 3112.

Dear Sirs:

Enclosed please find a copy of the 40 scale progress map showing the progress on the 500 and 600 levels for the month of September.

The total progress for the month was 126 feet, of which 75' was completed on the 600 level drift east and 51 feet on the 500 level drift east. This completes the drifting on the 500 level of 150 feet, set up for in this contract.

The drift on the 600 level has showed up very little, if any, changes except that it still remains very hard and difficult to break, making the advance very slow.

This completes the drifting on the 500 level and the last portion of it the ground got softer with the last round showing some mineralization.

Very truly yours,

FRANK A. TAFT, Consulting Engineer

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of September 1954 Docket No. DMEA 3112 Contract No. IDI-D 651
Operator's Name CENTRIDA MINES, INC. Minerals Copper.
Address Box 920, Kellogg, Idaho
Contract Amount, $ 62,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting	----	6525.00	6525.00		6525.00	6525.00
Drifting	5481.00	13,050.00	18,531.00	5481.00	13050.00	18531.00
Diamond Drill Station	----	750.00	750.00		750.00	750.00
(2) Labor and Supervision:						
Labor						
Supervision						Gibbons
Technical Services						Betty
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5481.00	20,325.00	25,806.00	5481.00	20325.00	25806.00

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

Date Oct. 6, 1954 *Payee CENTRIDA MINES, INC.

Per C. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 2740 50

Signature MJP
(Authorized Certifying Officer)

Date 10/13/54 Vou. No. 1313

(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6651 in accordance with the terms of the contract.

Signature /s/ Verdo Z Johnson Title Mining Engr Date 10/8/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W Zoldok Title Mining Engr Date 10/8/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
OCT 18 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of September 1954 Docket No. DMEA 3112 Contract No. IDI-D 651
Operator's Name CENTRIDA MINES, INC. Minerals Copper
Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	5431.00	126	18,531.00	426	18,531.00	800	894,800.00
Crosscutting	Ft.	----	----	6525.00	150	6525.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Station				750.00				
TOTAL DISTRIBUTED COSTS		5431.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		5431.00		25,806.00				

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

Date Oct. 6, 1954 Operator CENTRIDA MINES, INC.

Per C. Whalen Title Secretary

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

CENTRIDA MINES, INC.

P. O. BOX 838

KELLOGG, IDAHO

September 3, 1954

Mr. A. E. Weissenborn
Mr. W. Agnew
Field Team II
Defense Minerals Exploration Administration
Spokane, Washington

Narrative report for Month of August, 1954, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County Idaho, Contract, DMEA - 3112

Dear Sirs:

Enclosed please find a copy of the 40-scale map showing progress on the 600 level and the 500 level for the month of August.

The total progress for the month was 155 feet, of which 96' was completed on the 600 level and 59' on the 500 level.

You will notice on the map that both headings have been swung to the North. This was due to the fact that the mineralization which was at the beginning of both drifts deminished to nothing, and upon consulting the U. S. G. S. it appeared that we were likely in the foot-wall. With this in mind it was decided to swing north to get back into the favorable zone.

You will note that the sample that was cut near the end of the diamond drill cross-cut ran 4.15% Copper for a width of 5.5 feet.

Sincerely yours,

FRANK A. TAFT
Consulting Engineer

FAT:jwt
Enc.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

xxxxxxxxxxxxxxxxC.

1201 N. Division St.
Spokane 2, Washington
September 21, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The inspection was made on September 11, 1954 with Mr. Frank Taft, project engineer.

The drift eastward on the 600 level had advanced 75 feet and the drift eastward on the 500 level had advanced 82 feet since the inspection of August 1, 1954. The cross sections are about 7½x7 feet with an occasional enlargement for a cherry picker. Timbers have not been required.

The advance during the period exposed no ore or vein structure. Each face has some distance to go before reaching the projection of known veins. The Operator has an assay return of 4.15% copper on a 5½-ft. sample taken on the vein exposed in the diamond drill station completed during an earlier reporting period. Sample No. V.J. 8 was taken across a 5-ft. width of this vein and an assay for CuO and CuS was requested to determine the ratio of oxides in the ore.

Mr. Selfridge's letter of August 9, 1954 was quoted in part to Mr. Taft, as follows: "Once the Government has made a contribution, any receipts from production from the date of the contract become subject to that extent to the Government's royalty claim." Mr. Roland Young has shipped about 5 cars from the property since December 28, 1953, the date of the contract.

As of September 1, 1954 the total contract units completed were 1 diamond drill station, 150 feet of crosscut, and 300 feet of drift. U. S. Bureau of Mines tag #175 was placed at 145 feet in the 600 level east drift and U. S. Bureau of Mines tag #176 was placed at 99 feet in the 500 level east drift.

The workmanship is good.

V. Z. Johnson

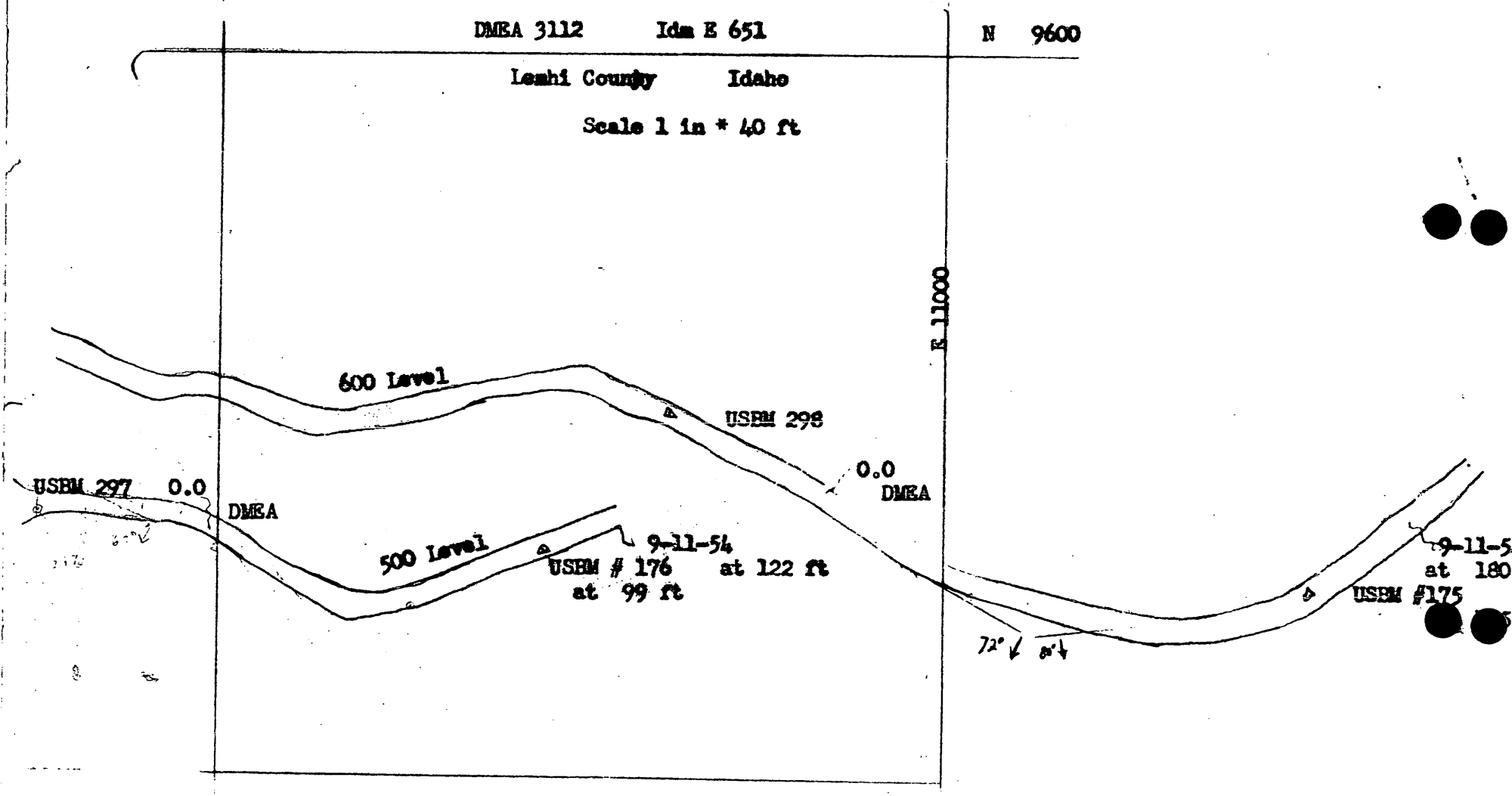
Orig. & 3 cys - Wash.
USGS (2)
DMEA
M/D--AD--VZJ/hc

CETRIDA MINES INC.(POPE -SHENON)

DMEA 3112 Idm E 651 N 9600

Lemhi County Idaho

Scale 1 in * 40 ft



UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
September 21, 1954

OCT - 8 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The inspection was made on September 11, 1954 with Mr. Frank Taft, project engineer.

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The advance during the period exposed no ore or vein structure. Each face has some distance to go before reaching the projection of known veins. The Operator has an assay return of 4.15% copper on a 5½-ft. sample taken on the vein exposed in the diamond drill station completed during an earlier reporting period. Sample No. V.J. 8 was taken across a 5-ft. width of this vein and an assay for CuO and CuS was requested to determine the ratio of oxides in the ore.

Mr. Selfridge's letter of August 9, 1954 was quoted in part to Mr. Taft, as follows: "Once the Government has made a contribution, any receipts from production from the date of the contract become subject to that extent to the Government's royalty claim." Mr. Roland Young has shipped about 5 cars from the property since December 28, 1953, the date of the contract.

So what? Did he pay, or not?

As of September 1, 1954 the total contract units completed were 1 diamond drill station, 150 feet of crosscut, and 300 feet of drift. U. S. Bureau of Mines tag #175 was placed at 145 feet in the 600 level east drift and U. S. Bureau of Mines tag #176 was placed at 99 feet in the 500 level east drift.

The workmanship is good.

V. Z. Johnson

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

3 M 12

Date 10-12

Referred to

1. ~~[illegible]~~
2. ~~[illegible]~~
3. ~~[illegible]~~
4. Docket Control Mails and Files Division
5. Docket Control Mails and Files
6.

Note comments in report regarding:

1. Royalty Question
No receipts to date, though
Grant-in-aid made 3 mos.
contribution.
Talbert
10/18/54

2.

3.

4.

and take appropriate action.

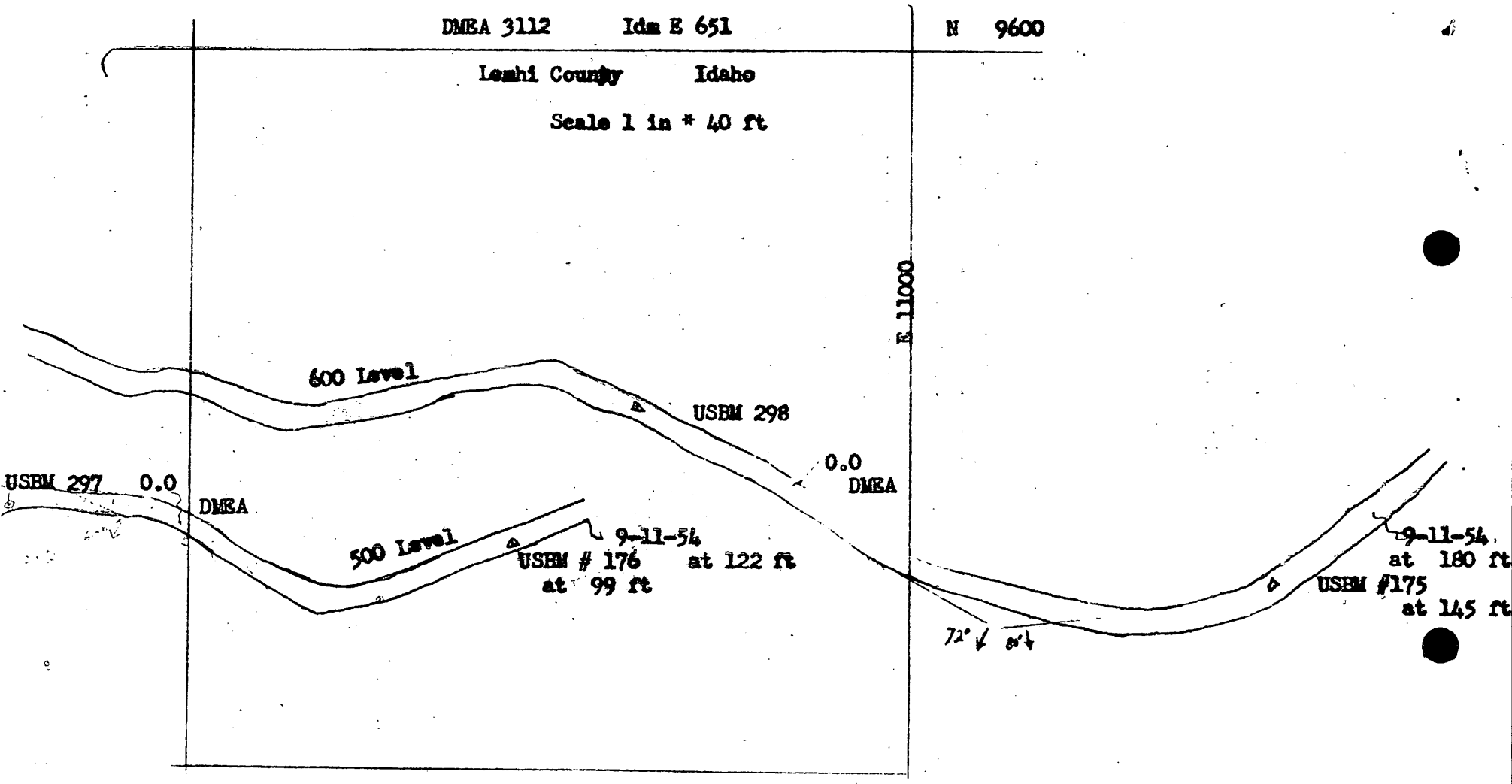
Action taken by Division:

do not pursue

ROBERT E. ADAMS

Initials

CETRIDA MINES INC.(POPE -SHENON)



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

Budget Bureau No. 42-R1036.5

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1954

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

Month of August, 1954 Docket No. DMEA 3112 Contract No. IDM-E 651
Operator's Name Centrida Mines, Inc. Minerals Copper
Address Box 838, Kellogg, Idaho
Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						Government Body
Drilling						
Bulldozing						
Crosscutting	-	6525.00	6525.00		6525.00	6525.00
Drifting	6742.50	6307.50	13,050.00	6742.50	6307.50	13050.00
Diamond Drill Station		750.00	750.00		750.00	750.00
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	6742.50	13,582.50	20,325.00	6742.50	13582.50	20325.00

I certify that the above bill is correct and just and that payment therefor has not been received.
Date 9-9-54 *Payee Centrida Mines, Inc.
Per C. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 3371.25

Signature [signature]
(Authorized Certifying Officer)

Date 9/17/54 Vou. No. 1280
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E651 in accordance with the terms of the contract.

Signature (S) Verdo Z Johnson Title Mining Engr Date 9/14/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature (S) Stephen W Goldoft Title Mining Engr Date 9/15/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-204A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
SEP 24 1954

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of August 1954 Docket No. DMEA 3112 Contract No. IDM-E 651
Operator's Name Centrida Mines, Inc. Minerals Copper
Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	6742.50	155	13,050.00	300	13,050.00	800	$34,800.00
Crosscutting	Ft.	-	-	6525.00	150	6525.00		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Station				750.00				
TOTAL DISTRIBUTED COSTS		6742.50		20,325.00				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		6742.50		20,325.00				

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

Date 9-9-54 Operator Centrida Mines, Inc.

Per C. Whalen Title Secretary

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION
~~WASHINGTON 25, D.C.~~
1201 N. Division St.
Spokane 2, Washington
August 19, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The inspection was made on Sunday, August 1, 1954 when there was no one at the property.

The 150 foot crosscut for the diamond drill station and the diamond drill station on the 600 level has been completed. Project drifting is well under way. The 600 level drift has been advanced 105 feet and the drift on the 500 level has been advanced 40 feet. Timbers have not been required and the cross sections are about 7 x 7 feet.

The drifts advanced during the period have been in a southeasterly direction along zones of shearing occupied by gouge with no indications of ore. At the suggestion of Mr. Nickelson of the U.S. G.S. who visited the property with the Operator, these drifts will be turned in a northeasterly direction to expose east-west trending fractures which have been the host to ore bodies at other points in the mine.

The total contract units completed to August 1, 1954 are as follows:

Crosscutting	150 feet
Drifting	145 feet
One Diamond Drill Station	$750.00

Progress and workmanship are satisfactory.

V. Z. Johnson

V. Z. Johnson

Orig. & 3 cys. Wash.
USGS (2)
DMEA
AD
VZJ:mp

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

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

August 23, 1954

Memorandum

To: DMEA Field Team, Region II

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

Subject: Inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

An inspection of the property was made on August 6 and 7, 1954. Frank Taft, mine operator, and Donald Kellum, geologist, U. S. Geological Survey, accompanied the examiner.

Swenson's maps accompanying the application were checked and are essentially correct, but some minor details were omitted, presumably because the job was done during the winter and also because only a preliminary map was required for the application.

After study of the 600-level map it becomes apparent that the vein and fault system is explained by the theory of the strained elipsoid. The vein system was laid down at an earlier period, and the fault system occurred later. The map pictures the vein and fault system almost superimposed on one another.

The mine operator's problems are further complicated by the fact that secondary copper minerals have migrated into the faults adjacent to the veins. The veins are generally completely healed by copper minerals and quartz, leaving a hard rock to drift on.

Both the 500-level drifting and the 600-level drifting have been on the fault structure, as shown on the enclosed maps.

The mine operator was advised to turn the 600-level drift to a bearing N. 45° E. to intersect the vein system. It was also suggested that he turn the 500-level drift to N. 80° E. to parallel the vein system so the proposed diamond drilling would intersect the vein system north of this underground work. Only 150 feet of drifting was authorized on the 500 level, and about 100 feet remains unused; this footage would not be sufficient to reach the desired drilling location if the drift were turned to intersect the vein system.

The geology was discussed with Mr. Taft, and he was advised to disregard the fault system and follow only the vein indication. It is believed his understanding of the geology of the mine was somewhat improved by our discussion.

The drill set up crosscut has been completed, and a 6-foot vein was intersected at the face. Samples were taken, and assay reports will be given in the next inspection report. The vein consists of one stringer 8 inches wide of high-grade chalcopyrite, and other narrow stringers within the 6-foot zone. This sample assayed a trace of gold, 0.2 ounce of silver, and 3.65 percent copper.

Two drift crews are working on the DMEA drifts. The leasors are now working on the 500-level DMEA drift.

Attachments (2)

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

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

1201 N. Division St.
Spokane 2, Washington
July 9, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 3112 (copper), Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract No. Idm-E651

The inspection was made on July 5, 1954 with the miners at the property.

Rehabilitation has been practically completed, and the project's north crosscut for a diamond drill station on the 600 level has been advanced 135 feet since the inspection of May 29, 1954. There is only 15 feet remaining to complete this crosscut, and a diamond drilling contractor is being lined up for the project drilling.

A portable muck-slide and slusher have been placed at the east drift for the project work on the 500 level. Mr. Young, who has shipped five cars of ore from this part of the 500 level since the date of the contract, will do the project drifting on the 500 level.

The project crosscut has a $7\frac{1}{2}$x$7\frac{1}{2}$-ft. cross section in the hard quartzite that requires no timbers, but 25 to 27 holes are necessary to break 4 to 5-ft. rounds. Jack leg drills, swede steel, rocker type mucker, and two-ton cars are used. Two shifts of two men are employed for the 600 level.

The workmanship is good.

V. Z. Johnson

V. Z. Johnson

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

CENTRIDA MINES, INC.

P. O. BOX 838

KELLOGG, IDAHO

July 1, 1954

Mr. A. B. Weisenborn
Mr. Agnew
Field Team II
Defense Minerals Exploration Administration
S. 157 Howard Street
Spokane, Washington

Narrative report for month of June, 1954, Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho, Contract DMEA-3112.

Dear Sirs:

Enclosed please find a 40-scale map showing 135' progress on the diamond drill station x-cut for the month of June.

Work was started in May to rehabilitate the mine. A 12' x 20' building was erected for change room and shop. Also the building over the old ore bin was repaired to house the tramer and set up the charging unit in. The dump truck was put in. The underground track was repaired with considerable new ties put in and also about 500' of new rail laid. The pipe lines were put in and carried to each face. Considerable work was required to clean the drift and even side swiping it in several places to permit the passage of 30 cu. ft. cars and tramer.

The cross-cut was started about the 4th of June with one crew. After the switch was put in and they were well around the curve, the second crew was added the 14th. The progress hasn't been too bad considering that the rock is very hard and that the men are not fully organized as yet or familiarized with the ground.

Sincerely yours,

FRANK A. TAFT
Consulting Engineer
Centrida Mines, Inc.

FAT:jvt
Enc.

CENTRIDA MINES, INC.

BOX 838

KELLOGG, IDAHO

Defense Minerals Exploration Administration
Region 1
AUG 3 1954

August 1, 1954

Mr. A. E. Weissenborn
Mr. W. Agnew
Field Team II
Defense Minerals Exploration Administration
South 157 Howard Street
Spokane, Washington

Narrative report for month of July, 1954, Centrida Mines, Inc., Pope Shenon Mine, Lemhi County Idaho, Contract DMEA-3112.

Dear Sirs:

Please find 40-scale map enclosed. On the map is shown the progress in the various headings for the month of July, 1954. The diamond drill cross-cut was driven another 15 feet to completion, and the 1000 cu.ft. diamond drill station was also cut in the end.

The drift on the 600 level was driven 105' easterly. The first section for about 50' carried some mineralization which also paralleled a strong fault. The mineralization became so weak that I decided to swing on a due east line so as to get as far east as possible with the drift and bank on the lateral diamond drilling to pick up any mineralized zones, rather than drift off on a line so far South of East, as the known ore zone is on an East-West strike.

On the 500 level we have completed 40' of drifting. This hasn't been on a due east line either as we were following a strong mineralized zone and it is now swinging to the east.

The diamond drill cross-cut cut a 5' mineralized zone at the diamond drill station as shown on the map. I will sample this as there is considerable copper showing.

Sincerely yours,

FRANK A. TAFT
Consulting Engineer
Centrida Mines, Inc.

FAT:jwt
Enc.

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of July, 1954 Docket No. DMEA 3112 Contract No. IDM-E 651
Operator's Name Centrida Mines, Inc. Minerals Copper
Address Box 838, Kellogg, Idaho
Contract Amount, $ 63,140.00 Government Participation: 50 % Amount, $ 31,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE			FOR GOVERNMENT USE ONLY		
	Monthly Total	Totals Previously Reported	Totals To Date	Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						Greenwold
Bulldozing						Bitty
Crosscutting	652.50	5872.50	6525.00			
Drifting	6307.50	-	6307.50			
Diamond Drill Stat.	750.00	-	750.00			
(2) Labor and Supervision:						
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	7710.00	5872.50	13,582.50	7710.00	5872.50	13582.50

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

Date 8-12-54 *Payee Centrida Mines, Inc.

Per C. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 3855.00

Signature MSP
(Authorized Certifying Officer)

Date 8/26/54 Vou. No. 1258
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. 6651 in accordance with the terms of the contract.

Signature /s/ Verdo Z. Johnson Title Mining Eng. Date 8/16/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature /s/ Stephen W. Zoldok Title Mining Eng. Date 8/18/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of July 1954 Docket No. DMEA 3112 Contract No. IDM-E 651

Operator's Name Centrida Mines, Inc. Minerals Copper

Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	ft.	6307.50	145	6307.50	145	6307.50)	800	$34,800.00
Crosscutting	ft.	652.50	15	6525.00	150	6525.00)		
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
Diamond Drill Station		750.00		750.00				
TOTAL DISTRIBUTED COSTS		7710.00						TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		7710.00		13,582.50				

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

Date 8-12-54 Operator Centrida Mines, Inc.

Per G. W. Chalmers Title Secretary

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

REMARKS:

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

Budget Bureau No. 42-R1036.5

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS EXPLORATION ADMINISTRATION

Defense Minerals Exploration Administration
JUL 26 1954

OPERATOR'S MONTHLY REPORT AND VOUCHER

Month of June, 1954 Docket No. DMEA 2112 Contract No. IT-1 651
Operator's Name CHERIDA MINES, INC. Minerals Copper
Address Box 606, Kellogg, Idaho
Contract Amount, $3,140.00 Government Participation: 50 % Amount, $1,570.00

ITEMS OF COSTS	FOR OPERATOR'S USE: Monthly Total	Totals Previously Reported	Totals To Date	FOR GOVERNMENT USE ONLY: Approved Monthly Total	Approved Totals Previously Reported	Approved Totals To Date
(1) Independent Short Form Contracts:						
Drilling						
Bulldozing						
Crosscutting				5872.50	—0—	5872.50
Drifting	5872.50	——	5872.50			
(2) Labor and Supervision:						Buswell Betty
Labor						
Supervision						
Technical Services						
(3) Operating Mat'ls. and Supplies:						
Timber						
Explosives						
Pipe						
Track						
(4) Operating Equipment:						
Rental						
Purchase						
Depreciation						
(5) Initial Rehabilitation and Repairs						
(6) New Bldgs., Improvements, etc.						
(7) Miscellaneous:						
Repairs to Equipment						
Sampling and Analysis						
Payroll Taxes						
Liability Insurance						
(8) Contingencies (specify):						
TOTALS	5872.50		5872.50	5872.50	—0—	5872.50

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

Date July 13, 1954 *Payee CHERIDA MINES, INC.

Per R. Whalen Title Secretary

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

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

(Instructions on reverse)

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

$ 2936.25

Signature [illegible]
(Authorized Certifying Officer)

Date 8/7/54 Vou. No. 1241
(See other side)

(For Government use only)

CERTIFICATION BY GOVERNMENT REPRESENTATIVE:

I certify that to the best of my knowledge and belief the contractor submitting this voucher is operating a Defense Minerals Exploration Administration project under Contract No. E651 in accordance with the terms of the contract.

Signature 1st Verdo Z Johnson Title Mining Engr Date 7/14/54

APPROVAL BY DMEA EXECUTIVE OFFICER OR ALTERNATE:

Signature 1st Stephen W Zoldok Title Mining Eng Date 7/30/54

MONTHLY REPORT OF OPERATOR

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Form MF-104A
(April 1952)

Budget Bureau No. 42-R1151.2

UNITED STATES
DEPARTMENT OF THE INTERIOR

DEFENSE MINERALS EXPLORATION ADMINISTRATION

OPERATOR'S UNIT COST AND PROGRESS REPORT

Month of June 1954 Docket No. DMEA 2112 Contract No. [illegible]
Operator's Name CHERRIDA MINES, INC. Minerals Copper
Address Box 838, Kellogg, Idaho

OPERATION	UNIT	COSTS THIS MONTH	UNITS THIS MONTH	COSTS TO DATE	UNITS TO DATE	UNIT COSTS TO DATE	AUTHORIZED BY CONTRACT Units	AUTHORIZED BY CONTRACT Unit Costs
Drifting	Ft.	5872.50	135	5872.50	135	5872.50	800	34,800.00
Crosscutting								
Raising								
Shafts								
Winzes								
Drilling: Core								
Churn								
Auger								
Stripping								
Trenching								
Test Pits								
Roads and Trails								
TOTAL DISTRIBUTED COSTS		5872.50		5872.50				TOTAL COSTS AUTHORIZED BY CONTRACT
Operating Equipment Purchased								
Initial Rehabilitation and Repairs								
New Buildings, Improvements, etc.								
TOTAL COSTS		5872.50		5872.50				

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

Date July 13, 1954 Operator CHERRIDA MINES, INC.

Per C. Whalen Title Secretary

REMARKS:

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

(Instructions on reverse)

(For Government use only)

INSTRUCTIONS

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

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

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

GPO 872894

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

1201 N. Division St.
Spokane 2, Washington
June 2, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Routine inspection, Docket No. DMEA 3112 (copper)
Centrida Mines, Inc., Pope-Shenon Mine, Lemhi County, Idaho,
Contract Idm-E651

The inspection was made on May 29, 1954 with the miners on the project.

Project work has not yet started but the preparations are nearing completion. About 700 feet of the 600 level has been rehabilitated for 2-ton cars and trammer. A 16x20-ft. dry and shop building has been erected, a headframe to assemble cars and trammers has been set up, and a 315 c.f.m. I-R gyroflow compressor is connected to the 3-inch airline - all completed during the past few weeks.

Mr. Rulon Young, a lessee, stated that he had broken and shipped five lots of ore from workings over the 500 level near the end of the east drift. Mr. Young said these shipments had been netting about $31 per ton. Annex II of the contract places a Government royalty on these shipments. A Field Team letter on April 15, 1954 advised the Operator that shipments made after December 28, 1953 were subject to royalty according to the terms of Annex II of the exploration contract.

The workmanship related to project preparation is satisfactory. Drifting and crosscutting 800 feet and diamond drilling 4060 feet are to be completed by December 28, 1954.

V. Z. Johnson

Orig. & 3 cys - Wash.
USGS (2)
DMEA
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VZJ/he

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

1201 N. Division St.
Spokane 2, Washington
April 14, 1954

MEMORANDUM

To: DMEA Field Team, Region II

From: V. Z. Johnson, Mining Engineer, Bureau of Mines

Subject: Preliminary inspection, Docket No. DMEA 3112 (copper), Pope-Shenon Mine, Centrida Mines, Inc., Lemhi County, Idaho, Contract Idm-E651

The Pope-Shenon mine was inspected on April 8, 1954. Project work had not started but the working faces at which work under the contract is proposed were inspected and reference points were established.

There were no members of the Operator's staff at the property but Mr. Rulon Young, a lessee, was present and accompanied me during the inspection. Mr. Young stated that he would probably contract the drifting scheduled for the 500 level.

The workings between portals and the points at which the project excavations will start are in fair shape, and relatively little dead work is anticipated.

U. S. Bureau of Mines tag No. 297 was placed in a cap 36 feet from the present face of the east drift on the 500 level, and tag No. 298 was placed 49 feet from the face of the east drift on the 600 level. An attached tracing of the operator's map shows the tag locations.

Mr. Young is breaking and sorting ore from a raise over the 500 level near the end of the east drift. He was informed that Annex I and II of the subject contract place a Government royalty on these ores. Later the same day Mr. Harrison, of the Operator's organization, was similarly advised. Mr. Harrison stated that Mr. Young's subordination agreement did not exclude any portion of the mine from Government royalty.

Mr. Frank Taft called at the Bureau of Mines office on April 13 to say that he was leaving for Salmon, Idaho, to start work on the subject contract.

V. Z. Johnson

V. Z. Johnson

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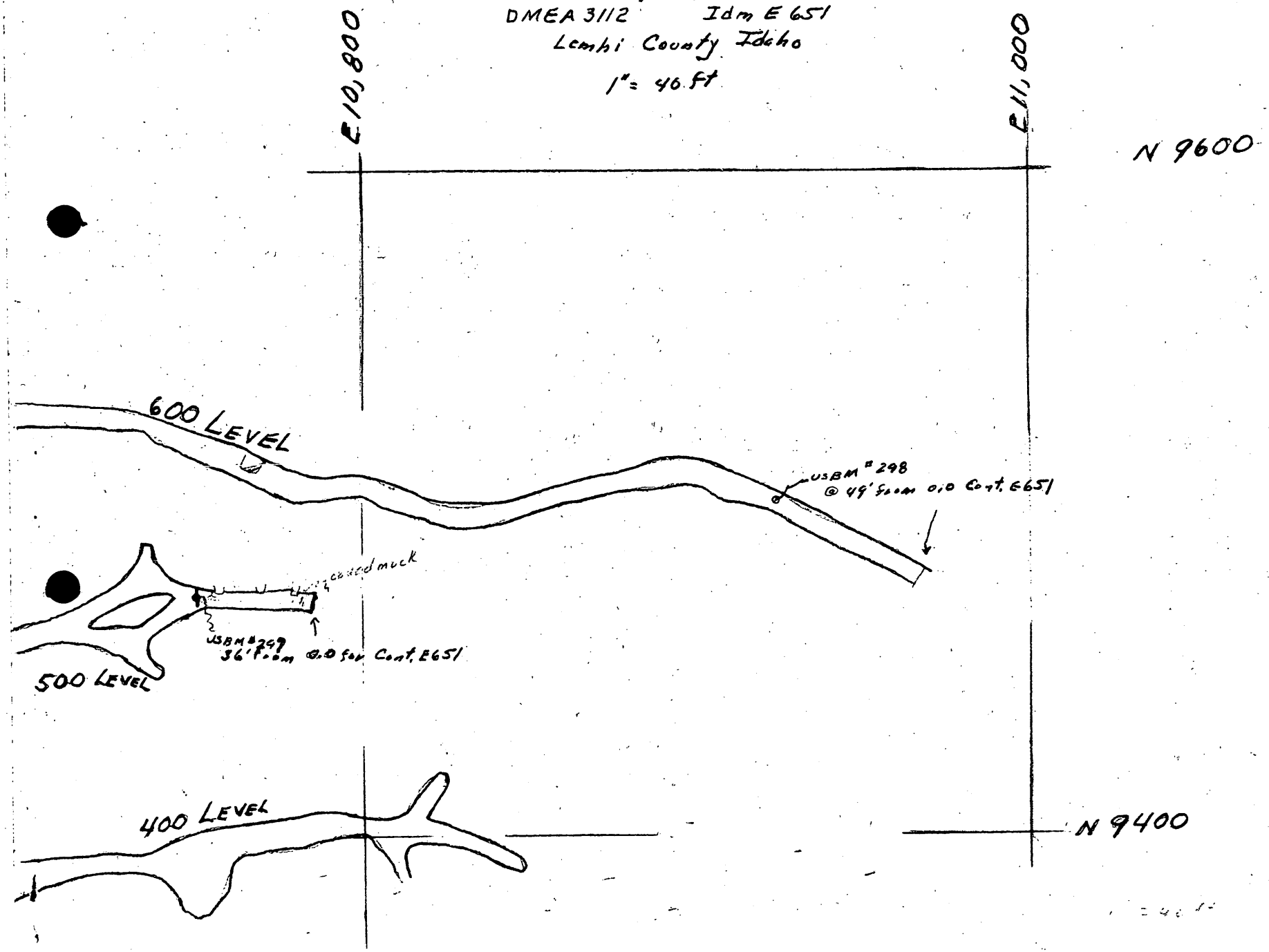
CENTRIDA MINES, INC. (POPE-SHENON)
DMEA 3112 Idm E 651
Lemhi County Idaho
1" = 46 ft