OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 24 1958

DATE	INITIALS	CODE
11/24	C	220
11/24	WSG	400

Sc. 157 Howard Street
Spokane 4, Washington
November 19, 1958

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

Re: Docket No. DMTA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Ida-2643

Dear Mrs. Long:

Attached is Check No. 11-43, dated November 15, 1958, for $4,315.58 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of October 1958 in accordance with the attached royalty statement.

Also attached is a copy of a letter, dated November 14, 1958, from E. B. Douglas, Manager, which is self-explanatory. Mr. Douglas states that the above amount covers the balance of their obligation under this contract and that the loan is now paid off in full.

Sincerely yours,

Donald R. MacLaren
For: A. E. Weissenborn
Executive Officer, OME
Field Team, Region I

Attachments as indicated
cc: Operator
OME w/encls.
CPF

ATTACHMENTS
REC'D 11-19-58 (DATE)
BY D. L.
ROYALTY PMTS TO DATE $185,813.88

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

November 14, 1958

OFFICIAL FILE COPY		
CO M. E.		
RECEIVED NOV 24 1958		
DATE	INITIALS	CODE

Mr. A. E. Weissenborn
Executive Office - Regional
DMEA Field Team
South 157 Howard Street
Spokane 8, Washington

Re: Docket No. DMEA 3143
Contract No. Idm-g645

Dear Mr. Weissenborn:

We are enclosing, herewith, our check in the amount of $4,315.58 to cover the balance of our obligation under the above referred to contract.

The Calera Mining Company is proud that an excellent orebody was found under the cooperative agreement with the government and that we have been able to pay off the loan completely in such a short time.

We take this opportunity to thank you and members of your staff for the able assistance you have always given.

Sincerely yours,

E. B. Douglas, Manager

[illegible]

[illegible]

[illegible] 1958

OFFICIAL FILE COPY
O. M. E.
RECEIVED NOV 24 1958
DATE | INITIALS | CODE

November 14, 1958

DMEA Royalty statement

October, 1958

Month of October - Docket No. DMEA 3143 - Contract No. Idm-2445

Operators Name - Calera Mining Company ----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blackwell Orebody during the month of October.

Tons drawn underground----------2,445
Tons drawn open pit----------15,710

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.09	.85	2.33	2.71
Recovery	.80	.65	.90	.80
Net Smelter Value	1.05	1.05	18.0¢	18.0¢

Value Per Ton

Underground

Cobalt	13.8	Pounds	x .80	recovery	$1.05 =	$11.59
Copper	46.6	Pounds	x .90	recovery	18.0¢ =	7.55
Total Value Per Ton						$19.14

Open Pit

Cobalt	17.0	Pounds	x .65	recovery	$1.05 =	$11.60
Copper	54.2	Pounds	x .80	recovery	18.0¢ =	7.80
Total Value Per Ton						$19.40

Gross value underground	2,445 tons x $19.14	=		$ 46,797.30
open pit	15,710 tons x $19.40	=		304,774.00
				$351,571.30

Royalty Rate 5%
Royalty Due*$351,571.30 x 5% = $17,578.57

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

November 14, 1958

CALERA MINING COMPANY

E. B. Douglas

E. B. Douglas, Manager

RECEIVED
NOV 19 1958
U. S. G. S.
SPOKANE, WASH.

* Only as much as was required for final payment is "due"

WSM 11/24/58

OFFICIAL FILE COPY
O. M. E.
RECEIVED OCT 2 1958
DATE
10/27
10/27 WSay

So. 157 Howard Street
Spokane 4, Washington
October 17, 1958

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

Re: Docket No. DMRA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Ida-2645

Dear Mrs. Long:

Attached is Check No. 10-36, dated October 10, 1958, for $17,319.60 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of September 1958 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated
cc: Operator
DMRA w/encl. ✓
CPF

Paid

10-17-58
D.L.
$181,548.30

October 13, 1958

DMEA Royalty Statement

September - 1958

Month of September - Docket No. DMEA 31A3 - Contract No. Ida-2643

Operators Name - Galena Mining Company ----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ores milled from the blacktail Orebody during the month of September.

Tons drawn underground----------2,871
Tons drawn open pit----------14,040

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.81	.98	1.13	1.79
Recovery	.80	.65	.90	.80
Net Smelter Value	1.05	1.05	18.0¢	18.0¢

Value Per Ton

Underground

Cobalt	16.4	Pounds	x .80	recovery	$1.05	=	$13.78
Copper	45.0	Pounds	x .90	recovery	18.0¢	=	7.29
Total Value Per Ton							$21.07

Open Pit

Cobalt	19.8	Pounds	x .65	recovery	$1.05	=	$13.51
Copper	53.8	Pounds	x .80	recovery	18.0¢	=	8.04
Total Value Per Ton							$21.55

Gross value underground	2,871 tons x $21.07	=		$ 43,035.97
Open pit	14,040 tons x $21.55	=		302,715.95
				$345,351.92

Royalty Rate 5%
Royalty Due $345,351.92 x 5% = $17,319.60

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

October 13, 1958 GALENA MINING COMPANY

RECEIVED
OCT 17 1958
U. S. G. S.
SPOKANE, WASH.

E. R. Hanglan
E. R. Douglas, Manager

RECEIVED		
DATE		
9-25	C	220
9/25	WSM	400

So. 157 Howard Street
Spokane 4, Washington
September 19, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E643

Dear Mrs. Long:

Attached is Check No. 9-46, dated September 12, 1958, for $14,733.52 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of August 1958 in accordance with the attached royalty statement.

Sincerely yours,

Donald R. MacLaren
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Attachments as indicated
cc: Operator
DMEA w/encl.
CPT

ATTACHMENTS RECEIVED	9-22-58 (DATE)
BY	D.L.
TOTAL AMOUNT TO DATE	$164,228.70

September 15, 1958

DMEA Royalty Statement

August - 1958

Month of August - Docket No. DMEA 3143 - Contract No. Idm-2643

Operators Name - Calera Mining Company ----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of August.

Tons drawn underground----------2,190
Tons drawn open pit----------15,516

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.84	.76	1.01	2.66
Recovery	.72	.57	.90	.75
Net Smelter Value	1.05	1.05	18.0¢	18.0¢

Value Per Ton

Underground

Cobalt	16.8	Pounds	x	.72	recovery	$ 1.05	=	$12.70
Copper	40.2	Pounds	x	.90	recovery	18.0¢	=	6.51
Total value per ton								$19.21

Open Pit

Cobalt	15.2	Pounds	x	.57	recovery	$ 1.05	=	$ 9.10
Copper	53.2	Pounds	x	.75	recovery	18.0¢	=	7.18
Total value per ton								$16.28

Gross value underground	2,190 tons x $19.21 =	$ 42,069.90
open pit	15,516 tons x $16.28 =	252,600.48
		$294,670.38

Royalty Rate 5%
Royalty Due $294,670.38 x 5% = $14,733.52

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

September 15, 1958

CALERA MINING COMPANY

E. B. Douglas, Manager

RECEIVED
SEP 19 1958

DMEA

COPY
DMEA
RECEIVED AUG 25 1958

DATE	INITIALS	CODE
8/26	C	220
8/26	WSM	400

Co. 157 Howard Street
Spokane 4, Washington
August 21, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 8-37, dated August 14, 1958, for $12,619.55 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of July 1958 in accordance with the attached royalty statement.

Sincerely yours,

Donald R. MacLaren
Alternate Acting Exec. Officer
DMEA Field Team, Region I

Attachments as indicated
cc: Operator
c/o E. B. Douglas, Manager
Cobalt, Idaho

DMEA w/encl.
CPF

ATTACHMENTS RECD 8-21-58 DATE
BY D. L.
ROYALTY PMTS TO DATE $149,495.18

MASTER COPY
DO NOT
RECEIVED AUG 25 1958
DATE | INITIALS | CODE

August 15, 1958

DMEA Royalty Statement

July - 1958

Month of July - Docket No. DMEA 3143 - Contract No. Ida-2645

Operators Name - Calera Mining Company ----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milldd from the Blacktail Orebody during the month of July.

Tons drawn underground----------1,578
Tons drawn open pit----------14,478

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.81	.76	2.48	2.75
Recovery	.65	.50	.85	.75
Net Smelter Value	1.05	1.05	18.0¢	18.0¢

Value Per Ton

Underground

Cobalt	16.2	Pounds	x .65	recovery	$ 1.05	=	$11.06
Copper	49.6	Pounds	x .85	recovery	18.0¢	=	7.59
Total value per ton							$18.65

Open Pit

Cobalt	15.2	Pounds	x .50	recovery	$ 1.05	=	$ 7.98
Copper	55.0	Pounds	x .75	recovery	18.0¢	=	7.42
Total value per ton							$15.40

Gross value underground	1,578 tons x $18.65 =	$ 29,429.70
open pit	14,478 tons x $15.40 =	222,961.20
		$252,390.90

Royalty Rate 5%
Royalty Due $252,390.90 x 5% = $12,619.55

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

August 15, 1958

CALERA MINING COMPANY

RECEIVED
AUG 20 1958
U. S. G. S.
SPOKANE, WASH

for R. B. Douglas, Manager

1202 E. Division St.
Spokane 2, Washington

July 25, 1958

MEMORANDUM

To: DMEA Field Team, Region I

From: John D. Merrill, Bureau of Mines

Subject: Method of computing royalty repayments, Docket No. DMEA-3143, Calera Mining Company, Blackbird Mine, Lemhi County, Idaho, Contract No. 14s-3143

Mr. C. A. Turner, DMEA auditor, made a royalty audit at the main mine office on June 24, 1958. I accompanied him to determine the method and the reasonableness and fairness of the method of computing DMEA royalty repayments to the Government on the company's production of cobalt and copper from their Blackbird ore body.

The total amount repayable to the Government under the contract was $385,863.00. The company has repaid $124,946.54 on production through the month of May 1958. At the present rate of repayment, which is expected to continue, the full amount should be repaid in from 4 to 5 months.

All production from the Blackbird ore body is subject to DMEA royalty at the rate of 5 percent on estimated cobalt and copper contents of mine run ore until the whole loan has been repaid. The ore body is being developed to mine a portion of the ore by open pit methods and the remainder by underground methods. Present rate of mining is approximately 1 ton of underground ore to 7 tons of open pit ore. The underground ore results from the development of the mine for underground mining. The open pit ore reserve is expected to be depleted in about a year unless more ore is discovered by drilling now in progress.

The top of the Blackbird ore body is quite oxidized; however, as it extends depth the oxidation progressively lessens. Tests indicate that the oxidized cobalt is very difficult to recover by flotation, resulting in high cobalt losses in the mill tailings. Measures are being taken to decrease these losses.

Prior to 1957, ore was being mined underground from the Dandy, Chicago and Brown Bear stopes.

Non-DMA ore and DMA ore from both open pit and underground Blackbird mining are commingled and milled together. Each ore is carefully weighed and sampled before commingling. Under these conditions it is impossible to accurately determine the cobalt and copper recoveries that would result if each ore was milled separately. Treatment of the ores separately at the present rate of about 1000 tons per day would be unnecessarily expensive and would require either separate milling facilities for each ore or large storage facilities for ores awaiting milling.

The effect of the oxidized Blackbird ores being mined with the company ores from underground workings is reflected in the cobalt recoveries. The production of Blackbird ore prior to the fall of 1957 was from underground exploration and development. Average tonnage milled was approximately 1,000 tons per day, or roughly 20,000-21,000 tons per month including Blackbird ore.

The following tabulation illustrates the detrimental effect of the Blackbird ores on the overall cobalt recoveries and the month by month estimated cobalt recoveries upon which the company paid royalties; also, the estimated and actual copper recoveries for Blackbird and commingled ores.

Month	Tons Blackbird ores		Estimated % Co recoveries Company based monthlies	Actual % Aver. yearly Co recovery of smelched ores	Estimated % Co recoveries Company based monthlies	Actual % Aver. yearly Co recovery of smelched ores
Reported recoveries prior to Blackbird ore production				≥ 65.00		
	Underground	Open pit				
1956						
Thru Sept.	6,690		73.6		86.6	
Oct.	1,558		72.9		90.8	
Nov.	1,911		72.6	66.45	91.6	91.6
Dec.	2,569		68.6		86.2	
1957						
Jan.	1,420		75.3		88.3	
Feb.	2,516		77.2		90.6	
Mar.	2,120		75.9		89.4	
Apr.	3,915		75.1		88.7	
May	3,722		77.6	70.69	88.8	86.3
June	1,166		80.9		90.1	
July	1,151		80.6		88.1	
Aug.	2,368		79.1		87.5	
Sept.	2,414		75.0		85.0	
		5,861	78.0		88.0	
Oct.	2,830		75.0		85.0	
		8,861	80.0		88.0	
Nov.	2,385		78.0		88.0	
		10,873	80.0		88.0	
Dec.	2,006		78.0		88.0	
		7,807	80.0		70.0	
1958						
Jan.	916		65.0		88.0	
		8,934	55.0		78.0	
Feb.	855		78.0		88.0	
		7,656	68.0	55.37	78.0	85.6
Mar.	2,583		78.0		88.0	
		8,642	68.0		78.0	
Apr.	1,669		78.0		88.0	
		11,372	70.0		88.0	

SUMMARY

Period	Tons Blankets sent	Weighted Army & Depot Averages: Company based available	Total, cumulative sent
1956	18,788	78.4	66.45
1957	52,186	67.9	70.69
1958 thru April	42,649	57.7	55.57
Weighted average Total Blankets Sent	113,563	64.57	64.46

Period	Tons Blankets sent	Weighted Army & Depot Averages: Company based available	Total, cumulative sent
1956	18,788	87.8	92.6
1957	52,186	78.1	86.3
1958 thru April	42,649	76.1	85.6
Weighted average Total Blankets Sent	113,563	78.4	86.6

It is quite a coincidence that the weighted averages of the estimated and actual cobalt recoveries are almost identical. If the cobalt mill recoveries of the underground ores prior to the discovery of the Blackbird were about 80 percent, then the cobalt recoveries of the Blackbird ores if treated there would probably be considerably lower than the cobalt recoveries of the commingled ores. If this is true the Government is being overpaid.

The mine, mill and Garfield refinery are an integrated operation. It is my understanding that at the time the Blackbird ore body came into production it was tentatively agreed between the Executive Officer and the Operator that, because of the integrated operation, royalty requirements would be based on the cobalt and copper contents of the mine run ore plus recovered incidental gold and silver. At the time, cobalt was selling for $4.00 per pound and the Government contract was at the base price of $4.30 per pound. It was tentatively agreed that $1.35 per pound would be a fair price for contained cobalt in the ore. Cost of mining and milling was estimated at $1.40 per pound, leaving a $0.35 per pound profit for the Blackbird Division of the company. When the price of cobalt dropped to the base price of $2.30 per pound the value of contained cobalt to mine was reduced to $1.05 per pound.

As an example of the method of computing cobalt royalty, April 1958 is cited. Production of underground ore was 1,689 tons, averaging 1.13 percent cobalt with an estimated mill recovery of 70 percent. Open pit ore production was 11,372 tons, averaging 0.06 percent cobalt with an estimated mill recovery of 0.50 percent. Thus,

Underground	22.6 lbs. Co (1.13% Co) x 70% recovery x $1.05/lb.	=	$16.61
Open pit	27.2 lbs. Co (0.06% Co) x 50% recovery x 1.05/lb.	=	$ 9.03

This may or may not be a strictly accurate method of computing the royalty, but if the lease will be regarded in several months it makes little difference.

The Operator's estimated average copper mill recoveries for Blackbird ores are approximately 8.2 percent lower than the mill recoveries of commingled ores. This seems reasonable because during the first four months of 1958, Blackbird ores constituted approximately one-half of the entire mill feed and the overall average mill recovery of commingled ores had dropped to 85.6 percent. During 1956, Blackbird ores represented only a small percentage of the total mill feed when the overall mill recovery of commingled ores was 91.6 percent or approximately 5 percent higher than in 1958.

A review of the smelter settlements for copper concentrates shows that the net smelter returns are approximately 71 percent of the gross value of the copper, gold and silver. The Operator evidently used this figure to estimate monthly net smelter return price for copper. For example, the average price of domestic electrolytic copper, f.o.b. refinery, during April 1958 was $0.23 per pound. The Operator estimated the net smelter return for copper during April at $0.165 per pound or approximately 71 percent of $0.23.

As in the case of the method of computing royalties on cobalt production, this may or may not be a strictly accurate method of computation, but if the loan will be repaid in several months it makes little difference.

Under the circumstances I believe the basis for the Operator's methods of computing and repayments is fair and reasonable.

John R. Marshall

Distribution:
DMEA (A)
WSMR (3)
DMEA (AD)
Tenner
DMEA (2)

So. 157 Howard Street
Spokane 4, Washington
July 16, 1958

DMEA
RECEIVED JUL 21 1958
DATA MANAGEMENT CENTER

7/21	C	220
	WSM	400

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 7-13, dated July 10, 1958, for $11,910.07 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division, which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of June 1958 in accordance with the attached royalty statement.

Sincerely yours,

William C. Prinz
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Attachments as indicated
cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.✓
CPF

Royalty

7-16-58
L.L.

$36,875.63

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

FILE COPY
DMEA
RECEIVED JUL 21 1958
DATE | INITIALS | CODE

July 11, 1958

DMEA Royalty Statement

June - 1958

Month of June - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of June.

Tons drawn underground----------2,673
Tons drawn open pit----------12,465

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.72	.80	2.03	2.85
Recovery	.65	.50	.90	.75
Net Smelter Value	1.05	1.05	17.0¢	17.0¢

Value Per Ton

Underground

Cobalt	14.4	Pounds	x	.65	recovery	$ 1.05	=	$ 9.83
Copper	40.6	Pounds	x	.90	recovery	17.0¢	=	6.21
Total value per ton								$16.04

Open Pit

Cobalt	16.0	Pounds	x	.50	recovery	$ 1.05	=	$ 8.40
Copper	57.0	Pounds	x	.75	recovery	17.0¢	=	7.27
Total value per ton								$15.67

Gross value underground	2,673 tons x $16.04	=	$ 42,874.92
open pit	12,465 tons x $15.67	=	$195,326.55
			$238,201.47

Royalty Rate 5%
Royalty Due $238,201.47 x 5% = $11,910.07

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

July 11, 1958

CALERA MINING COMPANY

RECEIVED
JUL 16 1958
U.S.G.S.
SPOKANE, WASH.

E. B. Douglas

E. B. Douglas, Manager

FILE COPY
DMEA
RECEIVED JUL 7 1958

DATE	INITIALS	CODE
7/7	C	220
	WSM	400

So. 157 Howard Street
Spokane 4, Washington

June 20, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 6-41, dated June 13, 1958, for $14,226.66 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of May 1958 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated
cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

6-30-58
A.L.
$124,965.56

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

June 16, 1958

DMEA Royalty Statement

May - 1958

Month of May - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company----------Minerals, Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of May.

Tons drawn underground----------1,347
Tons drawn open pit----------16,416

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.95	.84	2.79	3.05
Recovery	.65	.45	.90	.75
Net Smelter Value	$1.05	$1.05	16.7¢	16.7¢

Underground

Cobalt	19.0 Pounds	x	.65 recovery	$1.05	=	$12.97
Copper	55.8 pounds	x	.90 recovery	16.7¢	=	8.39

Total value per ton $21.36

Open Pit

Cobalt	16.8 pounds	x	.45 recovery	$1.05	=	$ 7.94
Copper	61.0 pounds	x	.75 recovery	16.7¢	=	7.64

Total Value per ton $15.58

Gross value underground	1,347 tons x $21.36 =		$ 28,771.92
open pit	16,416 tons x $15.58 =		255,761.28
			$284,533.20

Royalty Rate 5%
Royalty due $284,533.20 x 5% - $14,226.66

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

June 16, 1958

CALERA MINING COMPANY

E. B. Douglas, Manager

DMEA

No. 137 Howard Street
Spokane 4, Washington

May 26, 1958

5/24 C 220
WSM 400

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 5-54, dated May 20, 1958, for $12,135.89 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of April 1958 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated
cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPT

Royalty

5-26-58
A. L.
$110,738.90

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

May 21, 1958

DMEA Royalty Statement

April - 1958

Month of April - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company----------Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of April.

Tons drawn underground	1,689
Tons drawn open pit	11,372

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	1.13	.86	2.51	3.31
Recovery	.70	.50	.90	.80
Net Smelter Value	$1.05	$1.05	16.5¢	16.5¢

Underground

Cobalt 22.6 pounds x .70 recovery x $1.05 =	$16.61
Copper 50.2 pounds x .90 recovery x 16.5¢ =	7.45
Total value per ton	$24.06

Open Pit

Cobalt 17.2 pounds x .50 recovery x $1.05 =	$ 9.03
Copper 66.2 pounds x .80 recovery x 16.5¢ =	8.74
Total value per ton	$17.77

Gross value U.G. 1,689 tons x $24.06 =	$ 40,637.34
O.P. 11,372 tons x $17.77 =	202,080.44
	$242,717.78

Royalty Rate 5%

Royalty due $242,717.78 x 5% = $ 12,135.89

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

CALERA MINING COMPANY

May 21, 1958

E. B. Douglas, Manager

RECEIVED
MAY 26 1958
U. S. G. S.
SPOKANE, WASH.

So. 157 Howard Street
Spokane 4, Washington

April 18, 1958

DATE
4/28
WSM

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 4-43, dated April 14, 1958, for $10,786.90 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of March 1958 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated
cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

4-24-58
N.J.
$98,605

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

28

DATE

April 15, 1958

DMEA Royalty Statement

March - 1958

Month of March - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company----------Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of March.

Tons drawn underground	2,583
Tons drawn open pit	8,642

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.93	.85	3.31	2.92
Recovery	.70	.60	.90	.75
Net Smelter Value	$1.05	$1.05	16.5¢	16.5¢

Value per ton

Underground

Cobalt	18.6 pounds x	.70 recovery x	$1.05	=	$13.67
Copper	66.2 Pounds x	.90 recovery x	16.5¢	=	9.83
Total Value per ton					$23.50

Open Pit

Cobalt	17.0 pounds x	.60 recovery x	$1.05	=	$10.71
Copper	58.4 pounds x	.75 recovery x	16.5¢	=	7.23
Total Value per ton					$17.94

Gross value Underground	2,583 tons x $23.50	=	$ 60,700.50
Open Pit	8,642 tons x $17.94	=	155,037.48
			$215,737.98

Royalty Rate 5%

Royalty Due $215,737.98 x 5% = $ 10,786.90

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

CALERA MINING COMPANY

April 15, 1958

E. B. Stanghan

Manager

RECEIVED

APR 18 1958

U. S. G. S.
SPOKANE, WASH

DMEA 4

So. 157 Howard Street
Spokane 4, Washington

March 24, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 3-45, dated March 18, 1958, for $8,767.22 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of February 1958 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

Received
3-25-58
D.L.
$87,816.11

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

March 19, 1958

FILE COPY
DMEA
RECEIVED MAR 31 1958

DMEA Royalty Statement

February - 1958

Month of February - Docket No. DMEA 3143 - Contract No. Idm-E64$

Operators Name - Calera Mining Company-------Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of February.

Tons drawn underground 855
Tons drawn open pit 7,658

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.66	1.04	2.41	3.36
Recovery	.70	.60	.90	.70
Net Smelter Value	$1.05	$1.05	16.8¢	16.8¢

Value per ton

Underground

Cobalt	13.2 pounds x	.70 recovery x	$1.05	=	$ 9.70
Copper	48.2 pounds x	.90 recovery x	16.8¢	=	7.29
	Total value per ton				$16.99

Open Pit

Cobalt	20.8 pounds x	.60 recovery x	$1.05	=	$13.10
Copper	67.2 pounds x	.70 recovery x	16.8¢	=	7.90
	Total value per ton				$21.00

Gross value Underground	855 tons x $16.99	=	$ 14,526.45
Open Pit	7,658 tons x $21.00	=	160,818.00
			$175,344.45

Royalty Rate 5%
Royalty Due $175,344.45 x 5% = $ 8,767.22

I certify that the above statement is correct and represents a fair estimate of royalties due for the period dovered.

March 19, 1958

CALERA MINING COMPANY

E. B. Hampton
Manager

RECEIVED
MAR 24 1958
U. S. G. S.
SPOKANE, WASH.

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 28 1958

DATE		CODE
2/28	C	220
	WSM	400

So. 157 Howard Street
Spokane 4, Washington

February 17, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 2-35, dated February 12, 1958, for $8,955.29 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of January 1958 in accordance with the attached royalty statement.

Sincerely yours,

Donald R. MacLaren
For: A. E. Weissenborn
Executive Officer, DMEA
Field Team, Region I

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

Royalty

2-18-58
L.L.

79,048.89

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

February 13, 1958

DMEA Royalty Statement

January - 1958

Month of January - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company-------Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of January.

Tons drawn underground 916
Tons drawn open pit 8,934

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.76	.86	2.12	3.60
Recovery	.65	.55	.80	.70
Net Smelter Value	$1.05	$1.05	16.8¢	16.8¢

Value per ton

Underground

Cobalt 15.2 pounds x .65 recovery x $1.05 = $10.37
Copper 42.4 pounds x .80 recovery x 16.8¢ = 5.70

Value per ton $16.07

Open Pit

Cobalt 17.2 pounds x .55 recovery x $1.05 = $ 9.93
Copper 72.0 pounds x .70 recovery x 16.8¢ = 8.47

Value per ton $18.40

Gross value underground 916 tons x $16.07 = $ 14,720.12
open pit 8,934 tons x $18.40 = 164,385.60

$179,105.72

Royalty rate 5%
Royalty due $179,105.72 x 5% = $8,955.29

I certify that the above statement is correct and represents a fair estimate of royalties due for the period coverd.

February 13, 1958

CALERA MINING COMPANY

E. B. Naughton

MANAGER

OFFICIAL FILE COPY
DMEA
RECEIVED FEB 28 1958
DATE CODE

RECEIVED
FEB 17 1958
U. S. G. S.
SPOKANE, WASH.

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 30 1958
DATE

1/28 gb 220
WBM 400

So. 157 Howard Street
Spokane 4, Washington

January 20, 1958

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 1-33, dated January 13, 1958, for $7,943.85 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of December 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

1-20-58
D-L
$70,098.60

To be filed in Royalty for 1958

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

OFFICIAL FILE COPY
DMEA
RECEIVED JAN 28 1958
DATE

January 14, 1958

DMEA Royalty Statement

December - 1957

Month of December - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company - - Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of December.

Tons Drawn Underground	2,086
Tons Drawn Open Pit	7,007

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.90	.70	2.73	2.90
Recovery	.70	.60	.80	.70
Net Smelter Value	$1.05	$1.05	18.5¢	18.5¢

Value Per Ton

Underground:

Cobalt 18 pounds x .70 recovery x $1.05	=	$13.23
Copper 54.6 pounds x .80 recovery x 18.5¢	=	8.08
Total Value Per Ton		$21.31

Open Pit:

Cobalt 14 pounds x .60 recovery x $1.05	=	$ 8.82
Copper 58 pounds x .70 recovery x 18.5¢	=	7.51
		$16.33

Gross Value U.G. 2,086 tons x $21.31	=	$ 44,452.66
O.P. 7,007 tons x $16.33	=	114,424.31
		$158,876.97

Royalty Rate 5%		
Royalty Due $158,876.97 x 5%	=	$ 7,943.85

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

January 14, 1958

CALERA MINING COMPANY

E. B. Vaughan

MANAGER

RECEIVED
JAN 20 1958

U. S. G. S.
SPOKANE, WASH.

DMEA

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 23 1957
DATE INITIALS CODE
12/23 gb 220
WSM 400

So. 157 Howard Street
Spokane 4, Washington

December 18, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 12-33, dated December 12, 1957, for $10,905.19 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of November 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

Royalty
12-18-57
D.L.
$62,149.75

OFFICIAL FILE COPY
DMEA
RECEIVED DEC 23 1957
DATE | INITIALS | CODE

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

December 13, 1957

DMEA Royalty Statement

November - 1957

Month of November - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company -- Minerals - Copper & Cobalt

Covering royalty due U. S. Government DMEA on ore milled from the Blacktail Orebody during the month of November.

Tons Drawn Underground 2,105
Tons Drawn Open Pit 10,073

	Cobalt		Copper	
	U. G.	O. Pit	U. G.	O. Pit
Grade	.78	.79	2.61	2.97
Recovery	.70	.60	.80	.70
Net Smelter Value	$1.05	$1.05	18.5¢	18.5¢

Value Per Ton

Underground:
Cobalt 15.6 pounds x .70 recovery x $1.05 = $11.47
Copper 52.2 pounds x .80 recovery x 18.5¢ = 7.73

Total value per ton $19.20

Open Pit:
Cobalt 15.8 pounds x .60 recovery x $1.05 = $ 9.95
Copper 59.4 pounds x .70 recovery x 18.5¢ = 7.69

Total value per ton $17.64

Gross Value 2,105 tons x $19.20 + 10,073 tons x $17.64 = $218,103.72

Royalty Rate 5%

Total Royalty Due $ 10,905.19

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

December 13, 1957

CALERA MINING COMPANY

E. B. Douglas

MANAGER

RECEIVED
DEC 18 1957
U. S. G. S.
SPOKANE, WASH.

DMA-4

OFFICIAL MAIL
DMEA
RECEIVED NOV 25 1957

DATE	INITIALS	
11/25	C	220
11/25	WSay	400

So. 157 Howard Street
Spokane 4, Washington

November 18, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 11-31, dated November 12, 1957, for $10,016.10 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blactail ore body for the month of October 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

Royalty

11-19-57
D. L.

$51,24456

November 13, 1957

OFFICIAL FILE COPY
DMEA
RECEIVED NOV 25 1957

DATE	INITIALS

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

DMEA Royalty Statement

October, 1957

Month of October - Docket No. DMEA 3143 - Contract No. Idm-8645

Operators Name - Calera Mining Company Minerals - Copper & Cobalt

Covering royalty due U.S. Government DMEA on ore milled from the Blacktail Orebody during the month of October.

Tons Drawn Underground	2,830
Tons Drawn Open Pit	8,841

	Cobalt		Copper	
	U.G.	Open Pit	U.G.	Open Pit
Grade	.73	.76	2.39	2.70
Recovery	.75	.60	.85	.70
Net Smelter Value	1.05	1.05	18.5	18.5

Value Per Ton

Underground

Cobalt 14.6 pounds x .75 recovery x .$1.05 = $11.50

Copper 47.8 pounds x .85 recovery x 18.5 = 7.52

Total Value Per Ton $19.02

Open Pit

Cobalt 15.2 pounds x .60 recovery x $1.05 = $ 9.58

Copper 54.0 pounds x .70 recovery x 18.5 = 6.99

Total Value Per Ton $16.57

Gross Value 2,830 tons x $19.02 + 8,841 tons x $16.57 = $200,321.97

Royalty Rate 5%

Total Royalty Due $ 10,016.10

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date: November 13, 1957

Name CALERA MINING COMPANY

Per. E. B. Houghton

Title MANAGER

RECEIVED

NOV 18 1957

U. S. G. S.
SPOKANE, WASH.

10/29 C 220
10/29 WSM 400

So. 157 Howard Street
Spokane 4, Washington

October 18, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 10-32, dated October 11, 1957, for $5,197.27 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of September 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

10-18-57
D.L.
$41,228.46

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 29 1957

DATE	INITIALS	COPY

October 14, 1957

DMEA--Royalty Statement

September, 1957

Month of September - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company Minerals - Copper & Cobalt

Covering royalty due U.S. Government-DMEA on ore milled from the Blacktail Orebody during the month of September.

Tons Drawn Underground
Tons Drawn Open Pit

	Cobalt		Copper	
	U. G.	O. Pit	U. G.	O. Pit
Grade	.54	.57	1.99	1.77
Recovery	75.0	70.0	85.0	80.0
Net Smelter Value	1.05	1.05	18.5	18.5

Value Per Ton
Underground:

Cobalt 10.8 pounds x 75 recovery x $1.05 = $ 8.51
Copper 39.8 pounds x 85 recovery x 18.5¢ = 6.26

Total Value Per Ton $14.77

Open Pit:
Cobalt 11.4 pounds x 70.0 recovery x $1.05 = $ 8.38
Copper 35.4 pounds x 80.0 recovery x 18.5¢ = 5.24

Total Value Per Ton $13.62

Gross value 2,414 tons x $14.77 + 5,014 tons x $13.62 = $103,945.46
Royalty Rate 5%
Total Royalty Due $ 5,197.27

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date Oct. 14, 1957 Name CALERA MINING COMPANY

Per E. B. Vaughan

Title Manager

RECEIVED
OCT 18 1957
U. S. G. S.
SPOKANE, WASH.

So. 157 Howard Street
Spokane 4, Washington

September 20, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached is Check No. 9-30, dated September 13, 1957, for $2,397.81 from the Calera Mining Company of Cobalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of August 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 4 1957
DATE | CODE
10/4 C 220
10/4 WSM 400

9-30-57
A.L.
B36 031.19

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

September 16, 1957

[redacted]

Mr. [illegible] Weisenborn
Executive Officer - Regional
DMEA Field Team
Room 157, Howard Street
[illegible] 8, Washington

Re: Docket No. DMEA 3143
Contract No. Idm-B645

Dear Mr. Weisenborn:

You will find enclosed five copies of the royalty statement for August, 1957 and our check in the amount of $2,397.81 to cover the liability in full.

Sincerely yours,

E. B. Douglas, Manager

EBD:jm
enclosures
cc: V. H. Clarke

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 4 1957

DATE	INITIALS	CODE

RECEIVED
Air Mail
1957

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

September 16, 1957

DMEA - Royalty Statement

July, 1957

Month of July - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name - Calera Mining Company Minerals - Copper & Cobalt

Covering royalty due U.S. Government-DMEA on ore milled from the Blackbird Orebody during the month of August.

Tons Drawn 2,168

	Cobalt	Copper
Grade of ore	.80	2.55
Mill recovery	79.12	87.48
Net smelter value per pound	$1.05	19.8¢

Value per ton

Cobalt 16 pounds x 79.12 recovery x $1.05 =		$13.29
Copper 51 pounds x 87.48 recovery x 19.8¢ =		8.83
Total value per ton		$22.12

Gross value 2,168 tons x $22.12 =	$47,956.16
Royalty rate 5%	
Total royalty due	$ 2,397.81

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date Sept 16, 1957 Name CALERA MINING COMPANY

Per E. B. Hanger

Title Manager

OFFICIAL FILE COPY
DMEA
RECEIVED OCT 4 1957

DATE	INITIALS	CODE

RECEIVED
SEP 19 1957
U. S. G.
SPOKA

OFFICIAL FILE COPY
DMEA
RECEIVED AUG 26 1957

DATE	INITIALS	CODE
8/26	C	220
8/26	WSM	400

So. 157 Howard Street
Spokane 4, Washington

August 19, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E045

Dear Mrs. Long:

Attached is Check No. 8-38, dated August 13, 1957, for $1,908.38 from the Calera Mining Company of Colbalt, Idaho (Blackbird Division), which represents the Government's royalty due on ore milled from the Blacktail ore body for the month of July 1957 in accordance with the attached royalty statement.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encl.
CPF

ATTACHMENTS PAID 8-20-57 (DATE)
BY N. L.
ROYALTY PMTS TO DATE $33,633.38

[illegible]LERA MINING COMPAN[illegible]

BLACKBIRD DIVISION

COBALT, IDAHO

August 14, 1957

Mr. A. E. Weissenberg
Executive Office - [illegible]
South 157 [illegible]
Spokane 8, Washington

Re: Docket No. DMEA 3143
Contract No. Idm-2645

Dear Mr. Weissenberg:

We will find enclosed five copies of the royalty statement for July, 1957 and our check in the amount of $1,908.38 to cover the liability in full.

Sincerely yours,

E. B. Douglas, Manager

EBD:jm
enclosures

cc: V. M. Clark

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

August 14, 1957

DMEA - Royalty Statement

July, 1957

Month of July - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of July.

Tons Drawn 1,454

	Cobalt	Copper
Grade of Ore	.88	3.19
Mill Recovery	80.59	86.83
Net smelter value per pound	$1.05	20.5¢

Value per ton
Cobalt 17.6 pounds x 80.59 recovery x $1.05 = $14.89
Copper 63.8 pounds x 86.83 recovery x 20.5¢ = $11.36

Total value per ton $26.25

Gross value 1,454 tons x $26.25 = $38,167.50
Royalty rate 5%
Total royalty due $ 1,908.38

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date August 14, 1957 Name CALERA MINING COMPANY

Per E. B. Houghton

Title Manager

RECEIVED
AUG 19 1957
U.S.B.M.
BLACKFOOT, IDAHO

OFFICIAL FILE COPY
DMEA
RECEIVED JUL 29 1957

DATE	INITIALS	CODE
7/29	P.K.	220
7/29	WSM	100

So. 157 Howard Street
Spokane 4, Washington

July 25, 1957

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

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-E645

Dear Mrs. Long:

Attached are Check No. 7-2, dated July 1, 1957, for $2,279.30 for the months of March, April and May 1957, and Check No. 7-63, dated July 19, 1957, for $1,684.43, for the month of June 1957, from the Calera Mining Company (Blackbird Division) of Cobalt, Idaho, which represents the Government's royalty due on ore milled from the Blacktail ore body in accordance with the attached royalty statements.

You will note from the attached copy of Mr. E. B. Douglas' letter of July 19 that an error was made in reporting the royalty due for the last half of September 1956. A recapitulation of the royalty due from September 1, 1956, through May 1957 is also attached and the check for $2,279.30 covers the reconciled amount.

Sincerely yours,

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

Attachments as indicated

cc: Operator
c/o E. B. Douglas
Cobalt, Idaho

DMEA w/encls.
CPF

Royalty
7-25-57
D.L.
831,725.00

OFFICIAL FILE COPY
D M E A
RECEIVED JUL 29 1957

DATE	INITIALS	CODE

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

July 19, 1957

DMEA - Royalty Statement

June, 1957

Month of June - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of June.

Tons Drawn 1,466

	Cobalt	Copper
Grade of ore	.77	2.68
Mill Recovery	80.87	90.10
Net smelter value per pound	$1.05	20.5¢

Value per ton

Cobalt 15.4 pounds x 80.87 recovery x $1.05 = $13.08

Copper 53.6 pounds x 90.10 recovery x 20.5¢ = $ 9.90

Total value per ton $22.98

Gross value 1,466 tons x $22.98 = $33,688.68

Royalty rate 5%

Total royalty due $ 1,684.43

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date July 19, 1957

Name Calera Mining Company

Per E. B. Vaughn

Title Manager

RECEIVED

JUL 23 1957

U. S. G. S.
SPOKANE, WASH

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

DMEA - ROYALTY STATEMENT

June 19, 1957

Reconciliation of royalty due U. S. Government - DMEA on ore milled from the Blacktail Orebody at May 31st, 1957.

Period	Royalty Due
Up to September 15, 1956	$ 7,059.78
to September 30, 1956	1,000.90
October	2,440.61
November	2,576.98
December	3,507.97
January, 1957	1,949.66
February	2,165.59
March	2,632.23
April	4,022.66
May	2,684.19
Total Liability	$ 30,040.57
Less Payment of March 20, 1957	27,761.27
Balance Owing at May 31st, 1957	$ 2,279.30

RECEIVED

JUL 23 1957

U. S. G. S.
SPOKANE, WASH.

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

June 19, 1957

DMEA - Royalty Statement

March, 1957

Month of March - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U.S. Government-DMEA on ore milled from the Blacktail Orebody during the month of March.

Tons Drawn 2,110

	Cobalt	Copper
Grade of ore	.81	3.28
Mill Recovery	71.85	84.35
Net Smelter Value Per Pound	$1.05	23¢

Value per ton

Cobalt 16.2 pounds x 71.85 recovery x $1.05 =		$12.22
Copper 65.6 pounds x 84.35 recovery x 23¢ =		$12.73
Total value per ton		$24.95

Gross value 2,110 tons x $24.95 =	$52,644.50
Royalty rate 5%	
Total royalty due	$ 2,632.23

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date July 19, 1957 Name Calera Mining Company

~~Per~~ Secretary-Treasurer Title William T. Hobson

RECEIVED

JUL 23 1957

U. S. G. S.
SPOKANE, WASH.

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

June 19, 1957

DMEA - Royalty Statement

April, 1957

Month of April - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of ~~February~~ April.

Tons Drawn 3,915

	Cobalt	Copper
Grade of ore	.70	2.41
Mill Recovery	75.08	85.74
Net smelter value per pound	$1.05	23¢

Value per ton

Cobalt 14	pounds x 75.08 recovery x $1.05	=	$11.04
Copper 48.2	pounds x 85.74 recovery x 23¢	=	$ 9.51
	Total value per ton		$20.55

Gross value 3,915 tons x $20.55 = $80,453.25

Royalty rate 5%

Total royalty due $ 4,022.66

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date July 19, 1957

Name Calera Mining Company

~~Per~~ Secretary-Treasurer

Title Wilson T. Holme

RECEIVED

JUL 23 1957

U. S. G. S.
SPOKANE, WASH.

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

June 19, 1957

DMEA - Royalty Statement

May, 1957

Month of May - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators Name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of ~~February~~ May.

Tons Drawn 2,732

	Cobalt	Copper
Grade of ore	.63	2.45
Mill Recovery	74.60	86.76
Net smelter value per pound	$1.05	23¢

Value per ton

Cobalt 12.6 pounds x 74.60 recovery x $1.05 = $ 9.87

Copper 49 pounds x 86.76 recovery x 23¢ = $ 9.78

Total value per ton $19.65

Gross value 2,732 tons x $19.65 = $53,683.80

Royalty rate 5%

Total royalty due $ 2,684.19

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date July 19, 1957

Name Calera Mining Company

Per Secretary Treasurer

Title William T. Hale

RECEIVED

JUL 23 1957

U. S. G. S.
SPOKANE, WASH.

So. 157 Howard Street
Spokane 4, Washington

RECEIVED
MAR 25 1957
D.M.E.A.

March 22, 1957

Mrs. Dorothy Long, Certifying Officer
DMEA Field Team, Region I, NW District
1201 North Division Street
Spokane 2, Washington

WSA

Re: Docket No. DMEA-3143 (Cobalt-Copper)
Calera Mining Company
Blackbird Mine
Lemhi County, Idaho
Contract No. Idm-2645

Dear Mrs. Long:

Attached is Check No. 1301 dated March 20, 1957, for $27,761.27 from the Calera Mining Company of New York, New York, which represents the Government's royalty due on ore milled from the Blacktail ore body for the period September 15, 1956, through February 1957 in accordance with the attached royalty statements.

Sincerely yours,

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

Attachments as indicated

cc: Operator
DMEA w/encls.
CPF

Royalty
3-22-57
D.L.
$27,761.27

CALERA MINING COMPANY

March 20, 1957

Dear Mr. Agnew:

Enclosed herewith are the original and four duplicate copies of Royalty Statements, as required by Internal Revenue Regulations, as follows:

To September 15, 1956	$ 7,059.78
From Sept. 16 to Sept. 30, 1956	~~8,060.68~~ 1,000.90
For October 1956	2,440.61
For November 1956	2,576.98
For December 1956	3,507.97
For January 1957	949.66
For February 1957	2,165.59
Total	1,701.49

I believe the [illegible] reasonably [illegible] subject to adjustment when the Internal Revenue Service has audited the [illegible] tax returns for [illegible] and [illegible].

[illegible] would appreciate receiving from your office a statement of the total amount due [illegible].

Yours very truly,

CALERA MINING COMPANY

WTH:MP

cc:LBDeacon

Secretary

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 23 1957 D.M.E.A.

Month of September - Docket No. DMEA 3143 - Contract No. Idn-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody up to anb inclubing September 15, 1956.

Tons drawn 5,509

	Cobalt	Copper
Grade of ore	.65	2.44
Mill recovery	73.78	86.64
Net smelter value per pound	$1.35	30¢

Value per ton

Cobalt 13 pounds x .7378 recovery x $1.35	=	$12.95
Copper 48.8pounds x .8664 recovery x .30	=	$12.68
Toal value per ton		$25.63

Total value 5,509 x $25.63	=	$141,195.67
Royalty rate 5%		
Total royalty due	$7,059.78	

I certify the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title_____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 23 1957 DMEA

Month of September - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody for the period September 16 to 30, 1956.

Tons drawn 1,181

	Cobalt	Copper
Grade of ore	.47	1.46
Mill recovery	73.78	86.64
Net smelter value per pound	$1.35	30¢

Value per ton

Cobalt 9.4 pounds x .7378 recovery x $1.35	=	$ 9.36
Copper 29.2 pounds x .8664 recovery x .30	=	$ 7.59
Total value per ton		$16.95

Total value 1,181 x $16.95	=	$ 20,017.95
Royalty rate 5%		
Total royalty due	~~$8,060.68~~ 1,000.90	

I certify the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title_____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 28 1957 D.M.E.A.

1956
Month of October - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of October. 1956

Tons Drawn 1,558

	Cobalt	Copper
Grade of ore	.78	3.33
Mill recovery	72.92	90.79
Net smelter value per pound	$ 1.35	26.42¢

Value per ton

Cobalt	15.6 pounds	x 72.92 recovery	x $1.35	=	$15.36
Copper	66.6 pounds	x 90.79 recovery	x $.2642	=	$15.97
		Total value per ton			$31.33

Gross value 1,558 tons x $31.33 = $48,812.14

Royalty rate 5%

Total royalty due $ 2,440.61

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title _____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 23 1957 D.M.E.A.

Month of November - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of November 1956

Tons Drawn 1,911

	Cobalt	Copper
Grade of ore	.72	2.60
Mill recovery	72.62	91.55
Net smelter value per pound	$1.35	27.0¢

Value per ton

Cobalt	14.4	pounds	x 72.62 recovery	x $1.35	=	$14.12
Copper	52	pounds	x 91.55 recovery	x $ .27	=	$12.85
			Total value per ton			$26.97

Gross value 1,911 tons x $26.97 = $51,539.67

Royalty rate 5%

Total royalty due $ 2,576.98

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title_____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 28 1957 DMEA

Month of December - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of December 1956

Tons drawn 2,569

	Cobalt	Copper
Grade of ore	.95	2.79
Mill recovery	68.58	86.17
Net smelter value per pound	$1.10	27¢

Value per ton

Cobalt	19 pounds x 68.58 recovery x $1.10	=	$14.33
Copper	55.8 pounds x 86.17 recovery x $ .27	=	$12.98
	Total value per ton		$27.31

Gross value 2,569 tons x $27.31 =	$70,159.39
Royalty rate 5%	
Total royalty due	$ 3,507.97

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title_____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

Month of January - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of January 1957

Tons drawn 1,420

	Cobalt	Copper
Grade of ore	.89	3.09
Mill recovery	75.31	82.29
Net smelter value per pound	$1.10	25¢

Value per ton

Cobalt	17.8 pounds x 75.31 recovery x $1.10	=	$14.75
Copper	61.8 pounds xx82.29 recovery x 25¢	=	$12.71
	Total value per ton		$27.46

Gross value 1,420 tons x $27.46 = $38,993.20

Royalty rate 5%

Total royalty due $ 1,949.66

I certify the above statement is correct and represents a fair estimate of royalties due for the period covered.

Date_____ Name Calera Mining Company

DUPLICATE

Per_____ Title_____

CALERA MINING COMPANY

BLACKBIRD DIVISION

COBALT, IDAHO

RECEIVED MAR 1957 D.M.E.A.

Month of February - Docket No. DMEA 3143 - Contract No. Idm-E645

Operators name Calera Mining Company Minerals Copper & Cobalt

Covering royalty due U. S. Government-DMEA on ore milled from the Blacktail Orebody during the month of February 1957

Tons drawn 2,524

	Cobalt	Copper
Grade of ore	.53	2.11
Mill Recovery	75.22	90.59
Net smelter value per pound	$1.05	23¢

Value per ton

Cobalt	10.6 pounds x 75.22 recovery x $1.05 =	$ 8.37
Copper	42.2 pounds x 90.59 recovery x 23¢ =	8.79
	Total value per ton	$17.16

Gross value 2,524 tons x $17.16 = $43,311.84

Royalty rate 5%

Total royalty due $ 2,165.59

I certify that the above statement is correct and represents a fair estimate of royalties due for the period covered.

DUPLICATE

Date_____ Name Calera Mining Company

Per_____ Title_____