U. S. DEPARTMENT OF THE INTERIOR
Defense Minerals Exploration Administration

RECEIVED
APR 12 1956

224 New Customhouse
Denver 2, Colorado

Date: April 9, 1956

Memorandum

To: Chairman, Operating Committee, DMEA

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty payments, DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Period: March, 1956

During the above month the following royalty payments were received for ore or concentrates shipped from the subject property:

Lot No.	Dry Tons	Royalty Due	Royalty Pd.
		(NONE)	

Totals: NONE

Past Due Royalties Collected	None
Total Dry Tons (Ore or Cons.) Shipped to Date	155,176.982
Expiration Date of Royalty Repayment	June 13, 1966
Amount of Government Participation	Not determined
Total Royalty Payments to Date	$127,035.90
Percent of Loan Repayment	-- --

W. M. Traver

vj
cc Royalty File E 4 w/Settlement Sheets
Monthly Royalty Payment File
~~T. A. Christensen~~
S. R. Wilson
Chron.

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

RECEIVED
DEC 15 1955

224 New Customhouse
Denver 2, Colorado

December 9, 1955

~~Brewood~~
Betty

Memorandum

To: T. A. Christensen

From: Acting Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 436-A-GPU and 445-A-GPU.

Also enclosed are United States Smelting, Refining and Mining Company checks in full payment of royalty due on these shipments as follows:

Check No.	Lot No.	Amount
7140	445-A-GPU	$20.60
7189	436-A-GPU	6.42

E. N. Harshman

E. N. Harshman

Enclosures

vj

cc: Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheet
S. R. Wilson w/settlement sheet
Royalty Report File
Chron.

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERAL'S EXPLORATION ADMINISTRATION
WASHINGTON 25, D. C.

RECEIVED
DEC 1 1 1955

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, NOVEMBER 30, 1955

DEC 2

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 445-A-GPU **Product** GRIDE-SLIMES **Mine** CHIEF NO. 1 **Gold License No.**

Sampled by MIDVALE **Received** 11/18/55 **Sampled** 11/22/55 **Assayed** 11/29/55

Metal Quotations—Gold 34.9125 **Silver** 91.625 **Copper, N. Y.** **Lead, N. Y.** 16.50 **Zinc** 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.047	4.0		4.2			8.4				2.00	.[illegible]
B. & D	.025	4.2	.20	4.7			9.0				2.00	.[illegible]
D & W Umpire	.022			4.6			8.8					
Less Non-Sulphide				1.57			.26				1.95	.[illegible]
Settlement	.025	4.1	.10	3.08	24.1	1.8	8.54	6.9	17.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
		Gold 100 % @ 22.1643		56						
RG 72820		Silver 70 % @ 91.625	2	63	Based on	~~% Lead~~	3	93		
		Copper }			Variation from	% Lead				
Weight to be used for		Lead }	5	23	~~Labor Concession~~					50
freight purposes is		Zinc	7	37	Insoluble					
100,000					Zinc, excess over	%				
" Min.					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight										
Containers										
Wet Weight	99160									
Moisture 16.2 %	16064	Total Metal Value	15	79						
Dry Weight	83096	Less Treatment Charge	3	45	Net Treatment Charge		3	43		

Payment for 41.548 **Dry Tons @** 12 34 **Per Ton** 512 70

		DEDUCTIONS	
Freight (Value under $5.00 Per Ton)	50.000 Min. Wet Tons @ 924 Per Ton	46	50
Surcharge 15%			
Federal Tax 3%		1	40
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 4% of $457.80		20	60
Defense Minerals Exploration Administration,			
c/o W. M. Traver, Executive Officer, DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 75 50

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 437 20

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, DECEMBER 12, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO. 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 436-A-CPU Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 11/30/55 Sampled 11/23/55 Assayed 12/26/55

Metal Quotations—Gold 34.9125 Silver 91.625 Copper, N. Y. Lead, N. Y. 13.00 Zinc 11.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.8		3.5			7.3				2.57	.35
T & D	.02	3.8	.20	3.9			8.4				1.00	.20
Umpire Randwell				3.5			7.8				1.50	
Less Non-Sulphide				1.5			.23				1.20	.23
Settlement	.02	3.8	.10	2.1	24.9	1.5	7.57	1.6	25.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
		Gold 100% @ 22.4643		45			
RG 71900		Silver 65% @ 91.625	2	26	Based on % Lead	3 39	
		Copper }			Variation from % Lead		
		Lead }	3	22	Labor		
		Zinc	6	45	~~Labor Concession~~		50
					Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight							
Containers							
Wet Weight	134,820						
Moisture 19.8%	26,504	Total Metal Value	12	57			
Dry Weight	108,316	Less Treatment Charge	3	45	Net Treatment Charge	3 45	

Payment for 56.063 Dry Tons @ 9 42 Per Ton 509 27

		DEDUCTIONS
Freight (Value under $5.00 Per Ton) 67.410 Wet Tons @ 92¢ Per Ton		62 69
Surcharge 15%		
Federal Tax 3%		1 88
Handling Charge		
Assay Charge		7 00
Umpire Charge		10 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½% of $427.70 Defense Minerals Exploration Administration, c/o W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		6 42
Total Deductions		87 99
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		422 28

E4

RECEIVED
DEC 15 1955

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

RECEIVED
DEC - 1 1955

224 New Customhouse
Denver 2, Colorado

November 28, 1955

Guaranteed
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 439-GPU, 440-GPU and 445-GPU.

Also enclosed are United States Smelting, Refining and Mining Company checks in full payment of royalty due on these shipments as follows:

Check No.	Lot No.	Amount
7073	445-GPU	$5.31
6979	439-GPU	9.25
	440-GPU	4.56
		$13.81

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, November 17, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.
Pay CHIEF CONSOLIDATED MINING CO., 608 DALY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 439 - GPU Product CRUDE-GLOBS Mine CHIEF NO. 1 Gold License No.
Sampled by EDWARD Received 11/4/55 Sampled 11/9/55 Assayed 11/10/55
Metal Quotations—Gold 34.9125 Silver 91.625 Copper, N. Y. and Lead, N. Y. 15.50 Zinc 13.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.4		3.3			7.4				1.30	.32
D & T	.025	3.9	.20	3.9			8.4				1.00	.26
Union Umpire				3.9			7.65					
Less Non-Sulphide				1.15			.28				1.15	.28
Settlement	.020	3.65	.10	2.75	24.2	3.6	7.37	6.3	16.2			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
		Gold 100% @22.4043		45					
DO 72365		Silver 65% @91.625	2	17	Based on xxxxxx	3	55		
		Copper }			Variation from % Lead				
		Lead }	4	73	xxxxx Concentration				50
		Zinc	6	36	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight									
Containers									
Wet Weight	120260								
Moisture 18.5%	22014	Total Metal Value	13	61					
Dry Weight	105346	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 52.673 Dry Tons @ 10 16 Per Ton 535 16

		DEDUCTIONS	
Freight (Value under $5.00 Per Ton) 64.630 Wet Tons @ 936 Per Ton		60	31
Surcharge 15%			
Federal Tax 3%		1	80
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 2% of $162.25		9	25
Defense Minerals Exploration Administration, c/o E. W. Trevor, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado			
Total Deductions		82	16
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		453	00

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, NOVEMBER 17, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 600 DONNY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: DELTA, UTAH

Lot No. 440-GPU Product CRUDE ORE Mine CHIEF NO. 1 Gold License No. [illegible]

Sampled by MINERAL Received 11/7/55 Sampled 11/11/55 Assayed 11/12/55

Metal Quotations—Gold 34.9125 Silver 91.625 Copper, N. Y. nrd Lead, N. Y. 15.50 Zinc 13.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.5		3.7			7.2				1.53	.33
D & D	.025	3.9	.20	3.9			8.0				1.00	.30
Union Umpire				3.8 av.			7.65				1.40	
Less Non-Sulphide				1.4			.32				1.40	.32
Settlement	.0225	3.7	.10	2.4	24.2	3.9	7.33	6.0	16.4			

CAR NOS.	NET WEIGHT
IC 46573	
Total Weight	
Containers	
Wet Weight	94710
Moisture 20.1%	19706
Dry Weight	75034

METAL VALUES			
Gold	100 % @ 20.4643		51
Silver	65 % @ 91.625	2	20
Copper			
Lead		4	19
Zinc		6	23
Total Metal Value		13	13
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on		3	95		
Variation from	% Lead				
Concession					50
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Net Treatment Charge		3	45		

Payment for 37.517 Dry Tons @ 9 68 Per Ton 363 16

DEDUCTIONS		
Freight (Value under $5.00 Per Ton) 50-ton minimum Wet Tons @ 93¢ Per Ton	46.50	
Surcharge 15%		
Federal Tax 3%	1	40
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½% of $304.26	4	56
Defense Minerals Exploration Administration,		
c/o W. P. Trever, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 63 46

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 299 70

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, NOVEMBER 23, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DONNY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 445-CCD Product CRUDE ORE Mine CHIEF NO. 1 Gold License No.

Sampled by MILLER Received 11/9/55 Sampled 11/12/55 Assayed 11/14/55

Metal Quotations—Gold 34.9125 Silver 91.625 Copper, N. Y. and Lead, N. Y. 15.50 Zinc 13.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.7		3.5			7.4				1.73	.31
D. & R.	.025	4.0	.20	4.2			8.0				1.40	.30
Tordwell Empire				3.9			7.6				1.70	
Less Non-Sulphide				1.7			.31				1.70	.31
Settlement	.020	3.85	.10	2.2	24.2	3.0	7.29	6.7	16.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
		Gold 100 % @ 34.9125		45					
RR 16565		Silver 65 % @ 91.625	2	29	Based on ~~% Lead~~	3	95		
		Copper }			Variation from % Lead				
		Lead }	3	69	Labor ~~Zinc~~ Concentrates				50
		Zinc	6	19	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight									
Containers									
Wet Weight	111(00								
Moisture 20.2%	21438	Total Metal Value	12	88					
Dry Weight	90322	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 45.111 Dry Tons @ 9 37 Per Ton 422 69

		DEDUCTIONS
Freight (Value under $5.00 Per Ton) 55.030	Wet Tons @ 93¢ Per Ton	51.52
Surcharge 15%		
Federal Tax 3%		1 56
Handling Charge		
Assay Charge		7 00
Umpire Charge		6 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1% of 354.21		5 31
Defense Minerals Exploration Administration, c/o W. N. Grover, Executive Officer, DMEA Field Team, Region III 204 New Customhouse, Denver 2, Colorado		
Total Deductions		73 79
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	348 90

E4

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

RECEIVED
NOV 18 1955

224 New Customhouse
Denver 2, Colorado

November 16, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 438-GPU and 444-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 6896 in the amount of $27.45 in full payment of royalty due on these shipments.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty Report File
Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Chron.

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

705

Salt Lake City, Utah, [illegible]

Purchased From CHief Consolidated Mining Co.

Pay CHief Consolidated Mining Co., 600 Dalton Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 438 - GPU Product Crude Silver Mine Chief Co. 2 Gold License No. [illegible]

Sampled by Hidvale Received 10/31/55 Sampled 11/3/55 Assayed [illegible]

Metal Quotations—Gold 34.9223 Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.6		2.4			7.4				[illegible]	[illegible]
B & D	.035	3.8	.20	3.6			7.7				.03	[illegible]
C & N Umpire				3.8			7.35 oz				[illegible]	
Less Non-Sulphide				2.4			.35				[illegible]	.35
Settlement	.0275	3.7	.10	2.5	24.2	2.6	7.53	6.8	33.3			

CAR NOS.	NET WEIGHT
RG 72463	
Total Weight	
Containers	
Wet Weight	116260
Moisture 17.3	20560
Dry Weight	95600

METAL VALUES		
Gold	10% @ 33.4640	.03
Silver	6% @ 93.625	3.36
Copper	}	
Lead	}	2.33
Zinc		6.53
Total Metal Value		29.34
Less Treatment Charge		3.49

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3.49	
Variation from	% Lead		
~~Labor Correction Charge~~			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Net Treatment Charge		3.49	

Payment for 47.800 Dry Tons @ 9.69 Per Ton .72

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	58.000 Wet Tons @ 9.50 Per Ton	54.08
Surcharge 15%		
Federal Tax 3%		1.62
Handling Charge		
Assay Charge		7.00
Umpire Charge		4.00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 2% of $406.11		8.12
Defense Minerals Exploration Administration,		
c/o W. N. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

E 4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, NOVEMBER 8, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 608 PARK BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 447-CTU Product CRUDE SINGLE Mine CHIEF NO. 1 Gold License No. [illegible]

Sampled by MEDVALE Received 10/27/55 Sampled 10/[illegible]/55 Assayed 11/2/55

Metal Quotations—Gold 34.9145 Silver 91.625 Copper, N. Y. [illegible] Lead, N. Y. 15.50 Zinc 12.25

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.4		3.0			7.1				1.[illegible]	[illegible]
B & D	.045	3.3	.20	3.6			7.2				.[illegible]	.[illegible]
Union Umpire	.035			3.4			7.25	[illegible]			.[illegible]	
Less Non-Sulphide				.9			.24				.[illegible]	.24
Settlement	.035	3.45	.10	3.5	22.0	3.5	6.93	6.0	26.0			

CAR NOS.	NET WEIGHT
RG 72522	139320
RG 72401	130140
RG 70154	99360
Total Weight	
Containers	
Wet Weight	368820
Moisture 25.2%	71592
Dry Weight	297228

METAL VALUES		
Gold 100% @ 22.4613		73
Silver 65% @ 91.625		3 03
Copper }		
Lead }		4 31
Zinc		3 65
Total Metal Value		12 91
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	93		
Variation from	% Lead				
Labor					X
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Net Treatment Charge		3	45		

Payment for 255.624 Dry Tons @ 9 53 Per Ton 1433 [illegible]

		DEDUCTIONS	
Freight (Value under 95.00 Per Ton) 192.420	Wet Tons @ 90 Per Ton	173.02	
Surcharge 15%			
Federal Tax 3%		9 34	
Handling Charge			
Assay Charge		7 00	
Umpire Charge		4 00	
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1% of $1782.71		17 83	
Dexter Minerals Exploration Administrator,			
c/o W. M. Trace, Income Office,			
1701 Gold Ton, Denver 1,			
22K New Customhouse, Denver 2, Colorado			
Total Deductions			213 69
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			1219 [illegible]

E4

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

Approved
Betty

422 New Customhouse
Denver 2, Colorado

November 10, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 437-GPU, 442-GPU and 443-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check in the amount of $231.34 in full payment of royalty due on these shipments.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty Report File
Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Chron.

RECEIVED
NOV 14 1955

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, NOVEMBER 4, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 437 - CPU Product CRUDE - SLUDGE Mine CHIEF NO. 1 Gold License No.

Sampled by MIVALE Received 10/23/55 Sampled 10/09/55 Assayed 10/23/55

Metal Quotations—Gold 34.9125 Silver 91.625 Copper, N. Y. Lead, N. Y. 15.60 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.026	5.3		4.6			9.2				[illegible]	[illegible]
R & D	.050	5.6	.20	4.8			9.2				[illegible]	.20
C & N Umpire				4.2			9.8				2.22	
Less Non-Sulphide				2.15			.27				1.1	.27
Settlement	.0275	5.45	.10	2.55	25.4	2.9	9.33	6.2	14.6			

CAR NOS.	NET WEIGHT
RG 72426	146040
RG 72820	137730
RG 47353	105520
RG 46204	158760
RG 72264	127140
Total Weight	
Containers	
Wet Weight	679340
Moisture 26.%	162952
Dry Weight	516388

METAL VALUES		
Gold 100 % @ 34.9125		60
Silver 70 % @ 91.625		2 96
Copper		
Lead		6 02
Zinc		8 54
Total Metal Value		18 94
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 45	
Variation from	% Lead		
Labor ~~Concentrator Credits~~			90
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Net Treatment Charge		3 45	

Payment for 259.194 Dry Tons @ 15 00 Per Ton 3888 24

DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 309.670 Wet Tons @ 1.19 Per Ton	368 31
Surcharge 15%	
Federal Tax 3%	10 87
Handling Charge	
Assay Charge	7 00
Umpire Charge	4 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3527.06	176 35
Defense Minerals Exploration Administration, c/o U. S. Treasury, Executive Office DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	
Total Deductions	566 53
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3321 71

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, NOVEMBER 9, 1959

Purchased From CHIEF CONSOLIDATED MINING CO.
Pay CHIEF CONSOLIDATED MINING CO., 600 NEWHOUSE BUILDING, SALT LAKE CITY, UTAH

Shipping Point: SECRETO, UTAH

Lot No. 842-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 10/31/59 Sampled 10/26/59 Assayed 10/27/59
Metal Quotations—Gold 34.9229 Silver 1.623 Copper, N. Y. .06 Lead, N. Y. 13.50 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.20		3.9			8.10				3.25	.30
B & D	.025	4.50	.28	4.4			6.70				.60	.15
D & U Umpire				4.3			8.70				3.28	
Less Non-Sulphide				1.23			.22				1.23	.22
Settlement	.0225	4.30	.10	3.37	23.5	6.5	8.43	6.8	16.9			

CAR NOS.	NET WEIGHT
RG 46140	99300
RG 70169	133300

METAL VALUES		
Gold 100 % @ 22.4640		22
Silver 50 % @ 1.623		1 70
Copper)		
Lead)		5 49
Zinc		9 25

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	1 92	
Variation from	% Lead		
Labor	ALLOC. CONCENTRATOR 6.2210		37
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Net Treatment Charge		3 47	

Total Weight		
Containers		
Wet Weight	232500	
Moisture 18.2	43400	Total Metal Value 15 00
Dry Weight	189100	Less Treatment Charge 3 47

Payment for 97.586 Dry Tons @ 12 39 Per Ton 1209 22

		DEDUCTIONS
Freight (Value under $5.00 Per Ton) 119.250 Wet Tons @ 92¢ Per Ton		110.90
Surcharge 15%		
Federal Tax 3%		3 33
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 4% of $1095.97		43.85
Defense Minerals Exploration Administration, c/o W. F. Trover, Executive Officer, DMEA Field Team, Region VII, 224 New Customhouse, Denver 2, Colorado		
Total Deductions		174 68
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1034 54

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

703

Salt Lake City, Utah, NOVEMBER 4, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 449 = CFU Product CRUDE SULFIDES Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 10/27/55 Sampled 10/30/55 Assayed 10/31/55

Metal Quotations—Gold 34.9200 Silver 91.625 Copper, N. Y. Lead, N. Y. 9.69 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	3.5		3.5			7.5				[illegible]	
B & D	.033	3.8	.20	3.8			8.0				.50	.10
Bordenia Umpire				3.63	[illegible]		7.63				.50	
Less Non-Sulphide				3.50			.50				[illegible]	.50
Settlement	.0262	3.63	.16	3.47	25.0	9.5	7.63	6.[illegible]	16.4			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
		Gold 10% @ 22.4640		$			
RG 46572		Silver 6% @ 91.625		2.97	Based on % Lead	[illegible]	
		Copper)			Variation from % Lead		
		Lead)		6.93	Labor: Concentration Crude		.50
		Zinc		6.29	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight							
Containers							
Wet Weight	107200						
Moisture 18%	19360	Total Metal Value		13.59			
Dry Weight	87500	Less Treatment Charge		2.43	Net Treatment Charge	2.43	

Payment for 43.500 **Dry Tons @** 9.93 **Per Ton** 433.77

			DEDUCTIONS
Freight (Value under 60.00 Per Ton)	33.650	Wet Tons @ 95 Per Ton	49.80
Surcharge 15%			
Federal Tax 3%			1.50
Handling Charge			
Assay Charge			[illegible]
Umpire Charge			3.60
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1% of $49.97			3.54
Deseret Minerals Exploration Corporation, c/o N. H. Jacobs, Security Office, Dept. Fish & Wildlife, Region III, 224 New Customhouse, Denver 2, Colorado			

Total Deductions 70.64

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 363.13

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

~~Gunnoset~~
Belly

224 New Customhouse
Denver 2, Colorado

November 4, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed is settlement sheet covering ore shipped to United States Smelting, Refining and Mining Company under Lot No. 441-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 6709 in the amount of $26.09 in full payment of royalty due on this shipment.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheet
S. R. Wilson w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

768

Salt Lake City, Utah, NOVEMBER 1, 19

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING CO., 602 IDAHO BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 481-GPU Product CRUDE-SLIMES Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 10/21/53 Sampled 10/26/53 Assayed 10/27/53

Metal Quotations—Gold 34.9235 Silver 91.629 Copper, N. Y. Lead, N. Y. 14.50 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON
U. S. S. R. & M. Co.	.02	4.3		4.1			8.3				2.00	
B & D	.025	4.9	.20	5.4			8.4				.70	
Umpire				4.2			8.55				1.00	
Less Non-Sulphide				2.00			.35				2.00	
Settlement	.0225	4.7	.10	3.20	24.0	2.7	8.20	2.3	16.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CR
		Gold 100 % @ 29.4423		98					
RG 71358		Silver 70 % @ 91.623	3	05	Based on	% Lead	3	50	
		Copper			Variation from	% Lead			
		Lead	5	36	Labor Concentration Credit				
		Zinc	7	18	Insoluble				
					Zinc, excess over	%			
					Sul., excess over	%			
					As., excess over	%			
					Iron				
					Lime				
Total Weight									
Containers									
Wet Weight	12530								
Moisture 19.5%	2470	Total Metal Value	16	32					
Dry Weight	10060	Less Treatment Charge	3	45	Net Treatment Charge		3	45	

Payment for 51.801 Dry Tons @ 12 59 PerTon

			DEDUCTIONS	
Freight (Value under $5.00 Per Ton)	64.190	Wet Tons @ 9.30 Per Ton	59	70
Surcharge 15%				
Federal Tax 3%			1	73
Handling Charge				
Assay Charge			7	00
Umpire Charge			8	00
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 4% of 8579.83			26	00
Defense Minerals Exploration Administration,				
c/o W. M. Trainor, Executive Officer,				
DMEA Field Team, Region III, 404 Fox Construction				
Denver 2, Colorado				
Total Deductions			103	53
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment			355	04

E4

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

224 New Customhouse
Denver 2, Colorado

November 1, 1955

Gmewald
Betty

RECEIVED
NOV - 3 1955

Memorandum

To: T.A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed is settlement sheet covering ore shipped to United States Smelting, Refining and Mining Company under Lot No. 436-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 6654 in the amount of $40.73 in full payment of royalty due on this shipment.

W. M. Traver

By J. W. Townsend
J. W. Townsend

Enclosures

vj

cc: Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheet
S. R. Wilson w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

TDC

Salt Lake City, Utah, OCTOBER 24, 1933

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING CO., 408 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 456 - GPU Product CRUDE - SLUDGE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 10/12/33 Sampled 10/14/33 Assayed 10/15/33

Metal Quotations—Gold 34.9125 Silver 92.00 Copper, N. Y. Lead, N. Y. 4.50 Zinc 3.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.6		4.6			9.1				1.03	.33
B & D	.025	6.0	.20	5.0			9.8				.25	.25
D & H Umpire				4.7			9.4				.62	
Less Non-Sulphide				.64			.29				.61	.29
Settlement	.0225	5.8	.10	4.06	28.3	3.6	9.11	6.4	14.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 72190		Gold 100 % @ 22.4643		51					
		Silver 95 % @ 92.00	3	74	Based on ~~% Lead~~	3	75		
		Copper)			Variation from % Lead				
		Lead)	6	62	Labor ~~Lime~~ Concentration				50
		Zinc	7	93	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight									
Containers									
Wet Weight	138820								
Moisture 15.2%	21100	Total Metal Value	19	00					
Dry Weight	117720	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 58.860 Dry Tons @ 19 55 Per Ton 915 27

	DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 69.420 Wet Tons @ 1.17 Per Ton	81	21
Surcharge 15%		
Federal Tax 3%	2	44
Handling Charge		
Assay Charge	7	00
Umpire Charge	10	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $814.62	40	73
Defenso Minerals Exploration Administration,		
c/o W. M. Trover, Executive Officer,		
DMEA Field Team, Region III		
221 New Customhouse, Denver 2, Colorado		
Total Deductions	141	38
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	773	89

E4

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

224 New Customhouse
Denver 2, Colorado

September 27, 1955

Gunnold
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 434-GPU and 435-GPUL.

Also enclosed are United States Smelting, Refining and Mining Company checks in full payment of royalty due on these shipments as follows:

Check No.	Lot No.	Amount
6144	434-GPU	$14.24
6153	435-GPUL	$76.69

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty Report File
Chron.

FORM C[illegible]

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BU[illegible]NG
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, SEPTEMBER 26, 1955

DMEA
SEP 26 1955
BUREAU OF MINES
Denver

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., [illegible] MAIN BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 434-GPU Product CHINE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 9/[illegible]/55 Sampled 9/23/55 Assayed 9/[illegible]/55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.[illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.2		3.9			5.5				.50	.32
B & D	.025	3.7	.25	4.6			5.8				.60	.21
D & W Umpire				4.2			5.7					
Less Non-Sulphide				.55			.24				.55	.24
Settlement	.020	3.45	.10	3.65	43.4	4.0	5.46	6.2	12.2			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
		Gold 100 % @ 22.4645		65				
UP 62903	111720	Silver 65 % @ 90.75	2	04	Based on	% lead	3 93	
UP 65418	120460	Copper)			Variation from	% Lead		
		Lead)	5	68	Labor			
		Zinc	4	39	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					Concentration			50
Containers								
Wet Weight	232180							
Moisture 0.4%	928	Total Metal Value	12	72				
Dry Weight	231252	Less Treatment Charge	3	45	Net Treatment Charge		3 43	

Payment for 115.626 Dry Tons @ 9 27 Per Ton 1071 [illegible]

		DEDUCTIONS
Freight (Value under $5.00 Per Ton) 116.020	Wet Tons @ 93¢ Per Ton	107 93
Surcharge 15%		
Federal Tax 3%		3 24
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @	Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½ of $919.65		14 25
Defense Minerals Exploration Administration,		
c/o W. N. Trunk, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		136 44
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	935 [illegible]

E4

FORM C[redacted]

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BU[redacted]NG
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

D.M.E.
Date Rec'd
SEP 20 1935
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, SEPTEMBER 20, 1935

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 135-CFM Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 9/9/35 Sampled 9/13/35 Assayed 9/[illegible]/35

Metal Quotations—Gold 34.9225 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.500

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	8.0		13.2			4.9				4.63	.17
B & D	.045	8.4	.20	13.6			4.6				4.30	.20
C & H Umpire				13.8			4.5	ng.			3.8[illegible]	
Less Non-Sulphide				4.3			.19				4.30	.19
Settlement	.040	8.2	.10	9.2	34.2	5.0	4.56	7.6	10.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
		Gold 100 % @ 22.4643		90				
RG 7277		Silver 70 % @ 90.75		5 21	Based on	% Lead	3 93	
		Copper			Variation from	% Lead		
		Lead		17 74	Labor			
		Zinc		2 67	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					Concentration			90
Containers								
Wet Weight	148940							
Moisture 3.0%	4450	Total Metal Value		26 52				
Dry Weight	144490	Less Treatment Charge		3 43	Net Treatment Charge		3 43	

Payment for 72.945 Dry Tons @ 23 07 Per Ton 1683 [illegible]

		DEDUCTIONS
Freight (Value under $20.00 Per Ton) 74.180	Wet Tons @ 1.56 Per Ton	115.72
Surcharge 15%		
Federal Tax 3%		3 47
Handling Charge		
Assay Charge		9 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $1533.83		76 69
Defence Minerals Exploration Administration, c/o W. M. Drever, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver, Colorado		
Total Deductions		202 [illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	1459 12

E4

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

RECEIVED
SEP 26 1955

224 New Customhouse
Denver 2, Colorado

September 21, 1955

Gwendolyn
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots No. 421-GPU, 425-GPUL, 427-GPU, 428-GPU, 429-GPU, 430-GPU, 431-GPU, 432-GPU, 433-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 6054 in the amount of $1127.28 in full payment of the above shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S.B. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

RECEIVED
SEP 26 1955

708

Salt Lake City, Utah, [illegible]

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 650 DONN BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. 421 - OFT Product [illegible] Mine [illegible] Gold License No.

Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.9		5.0			5.0				.04	.15
B & D	.025	5.7	.20	6.5			8.2				.15	.30
Union Umpire				6.3			8.10	27.				
Less Non-Sulphide				.23			.13					
Settlement	.025	3.5	.10	5.93	10.0	5.7	7.97	5.6	5.6			

CAR NOS.	NET WEIGHT
RG 70407	12500
RG 70600	12950
UP 64723	8890
RG 71408	12850
RG 72003	13040
RG 72247	12540
UP 63623	9060
RG 67347	9730
Total Weight	
Containers	
Wet Weight	90360
Moisture 2.1%	1898
Dry Weight	88462

METAL VALUES		
Gold	100 % @ 35.0417	32
Silver	70 % @ 90.75	3 86
Copper		
Lead		10 09
Zinc		1 06
Total Metal Value		23 34
Less Treatment Charge		3 13

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 13	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Corrosion~~			20
Net Treatment Charge		3 13	

Payment for 445.521 Dry Tons @ 21 69 Per Ton 9662 [illegible]

		DEDUCTIONS
Freight (Value under 53.00 Per Ton) 450.760 Wet Tons @ 2.40 Per Ton		621 69
Surcharge 15%		
Federal Tax 3%		28 93
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $6058.05		302 90
Defense Minerals Exploration Administration, c/o U. M. Trainer, Executive Director, Dept. Gold Bldg., Boise, Ida. 224 New Customhouse, Denver 2, Colorado		
Total Deductions		1035 [illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING CO., 400 DOOR BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 835 - CPM. Product CONC. Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8/25/55 Sampled 8/25/55 Assayed 9/1/55

Metal Quotations—Gold 34.5000 Silver 90.92 Copper, N. Y. Lead, N. Y. 11.00 Zinc 16.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.016	7.2		7.4			7.5				2.[illegible]	.[illegible]
B & D	.023	7.5	.20	7.8			8.0				2.[illegible]	.[illegible]
C & N Umpire				7.80 oz.			7.73 oz.					
Less Non-Sulphide				3.57			.41				3.57	.41
Settlement	.020	7.35	.10	4.23	20.7	3.3	7.32	6.0	1.3			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
		Gold 100 % @ 34.4545		45				
RG 72123		Silver 75 % @ 90.75		4 [illegible]	Based on	% Lead	3 95	
		Copper }			Variation from	% Lead		
		Lead }		7 30	Labor			
		Zinc		3 [illegible]	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					~~Concentration~~			50
Containers								
Wet Weight	70,120							
Moisture 0.0%		Total Metal Value		15 [illegible]				
Dry Weight	70,120	Less Treatment Charge		3 40	Net Treatment Charge		3 45	

Payment for 70.120 Dry Tons @ 25 03 Per Ton 1755 22

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	70.120 Wet Tons @ 1.40 Per Ton	98.27
Surcharge 15%		
Federal Tax 3%		2 95
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of 8929.99		447 50
~~Defense Minerals Exploration Administration, C/O W. M. Travis, Executive Officer, DMEA Field Team, Region III 224 Key Quebedeaux, Denver 2, Colorado~~		
Total Deductions		555 69
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	1200 [illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

RECEIVED
SEP 26 1955

705

Salt Lake City, Utah, September 26, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.

Pay CHIEF CONSOLIDATED MINING CO., 608 FIRST NATIONAL BLDG, SALT LAKE CITY, UTAH

Shipping Point: MARYSVALE, UTAH

Lot No. 497 - G P I Product [illegible] Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 9/20/55 Sampled 9/20/55 Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.027	7.5		22.5			22.6				.27	.29
B & D	.020	7.6	.50	21.0			22.0				.34	.50
Union Umpire				20.6			22.22					
Less Non-Sulphide				.35			.34				.34	.34
Settlement	.0225	7.55	.26	[illegible]	[illegible]	5.5	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES		DEBIT	CREDIT
		Gold 100% @ 32.4543	6.8				
DA 75467		Silver 70% @ 50.75	4.50	Based on % Lead		3.13	
		Copper		Variation from % Lead			
		Lead	20.12	Labor			
		Zinc	16.08	Insoluble			
				Zinc, excess over %			
				Sul., excess over %			
				As., excess over %			
				Iron			
				Lime			
Total Weight				Concentrates			.50
Containers							
Wet Weight	2[illegible]						
Moisture 0.5%	[illegible]	Total Metal Value	24.66				
Dry Weight	[illegible]	Less Treatment Charge	8.16	Net Treatment Charge		3.45	

Payment for 56.420 Dry Tons @ $21.19 Per Ton 1,195.78

DEDUCTIONS	
Freight (Value under $25.00 Per Ton) 56.500 Wet Tons @ 1.70 Per Ton	96.05
Surcharge 15%	
Federal Tax 3%	2.88
Handling Charge	
Assay Charge	9.00
Umpire Charge	4.00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $1,195.78	59.79
Defense Minerals Exploration Administration C/O U. S. Bureau, Mineral Office, Old Mint Bldg, Region III 224 Rio Grande, Denver 2, Colorado	
Total Deductions	169.72
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	1,026.06

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

703

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]		[illegible]			[illegible]				[illegible]	[illegible]
B & D	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Deduct Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
UP [illegible]	[illegible]
UP [illegible]	[illegible]
UP [illegible]	[illegible]
UP [illegible]	[illegible]
UP [illegible]	[illegible]
UP [illegible]	[illegible]
BR [illegible]	[illegible]
BG [illegible]	[illegible]
UP [illegible]	[illegible]
UP [illegible]	[illegible]
Weight to be used for hauling purposes [illegible]	
* 100,000# limit	
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]	[illegible]	[illegible]
Copper)		
Lead)	[illegible]	[illegible]
Zinc	[illegible]	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	[illegible]	[illegible]		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration					[illegible]
Net Treatment Charge		[illegible]	[illegible]		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible] [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton		[illegible]	[illegible]
Surcharge 15%			
Federal Tax 3%		[illegible]	[illegible]
Handling Charge			
Assay Charge		[illegible]	[illegible]
Umpire Charge		[illegible]	[illegible]
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: [illegible]		[illegible]	[illegible]
Defense Minerals Exploration Administration			
c/o W. H. Traver, Executive Officer,			
DMA Field Team, Region III			
22A [illegible], Denver 2, Colorado			

Total Deductions [illegible] [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible] [illegible]

E4

FORM C.O. 77-2

706

RECEIVED
SEP 26 1955

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 14, 1955

Purchased From CHIEF CONSOLIDATED MINING CO.
Pay CHIEF CONSOLIDATED MINING CO., 603 Dooly BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 429 - GPU Product CONC. Mine CHIEF NO. 1 Gold License No.
Sampled by [illegible] Received 9/2/55 Sampled 9/1/55 Assayed 9/5/55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 13.00 Zinc 12.20

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	12.5		36.9			12.9				.22	.17
B & D	.035	12.7	.20	37.6			12.8				.12	.30
Bardwell Umpire				37.6			12.3					
Less Non-Sulphide				.27			.32				.27	.19
Settlement	.030	12.6	.10	37.25	20.2	6.4	12.71	12.5	1.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
		Gold 20 % @ 34.9125		69						
RG 71284		Silver 12 % @ 90.75	9	25	Based on	2% Lead	1	22		
		Copper }			Variation from	% Lead				
		Lead }	22	39	Labor					
		Zinc	20	26	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concentrates					50
Containers										
Wet Weight	25514									
Moisture 1.0 %	252	Total Metal Value	42	30						
Dry Weight	25206	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 75.524 Dry Tons @ 40.83 Per Ton 3705 30

			DEDUCTIONS	
Freight (Value under $50.00 Per Ton)	76.570	Wet Tons @ $2.27 Per Ton	173.81	
Surcharge 15%				
Federal Tax 3%			5	21
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3505.28			175	26
Defense Minerals Exploration Administration,				
C/O V. M. Jones, Executive Officer,				
DMEA Field Team, Region III				
224 New Customhouse, Denver 2, Colorado				

Total Deductions 365 76

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3339 52

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Purchased From [illegible]

Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]

Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]		[illegible]			[illegible]				[illegible]	[illegible]
B & D	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]	[illegible]	[illegible]
Copper		
Lead	[illegible]	[illegible]
Zinc	[illegible]	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge		[illegible]

TREATMENT CHARGES	DEBIT	CREDIT
Based on [illegible] % Lead	[illegible]	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
[illegible]		[illegible]
Net Treatment Charge	[illegible]	

Total Weight		
Containers		
Wet Weight	[illegible]	
Moisture [illegible] %	[illegible]	
Dry Weight	[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	[illegible]
Handling Charge	
Assay Charge	[illegible]
Umpire Charge	[illegible]
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: [illegible]	[illegible]
[illegible]	
Total Deductions	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	[illegible]

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible] 25, 1955

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]		[illegible]			[illegible]				[illegible]	[illegible]
B & D	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
[illegible] Umpire				[illegible]			[illegible]				[illegible]	
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible]%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]		[illegible]
Copper		
Lead		[illegible]
Zinc		[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	[illegible]	[illegible]		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
[illegible]				[illegible]
Net Treatment Charge	[illegible]	[illegible]		

Payment for [illegible] **Dry Tons @** [illegible] **Per Ton** [illegible] [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton		[illegible]	[illegible]
Surcharge 15%			
Federal Tax 3%		[illegible]	[illegible]
Handling Charge			
Assay Charge		[illegible]	[illegible]
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: [illegible]		[illegible]	[illegible]
Bureau [illegible] Internal Revenue Collector			
c/o [illegible], Internal Revenue Division,			
DEA [illegible], Region III			
224 Nor [illegible], Denver 2, Colorado			

Total Deductions [illegible] [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible] [illegible]

E4

FORM C.O. 77-2

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	7.6		22.3			3.4				[illegible]	.16
D & D	.04	7.2	.20	22.3			3.8				[illegible]	.19
Union Umpire				22.5			3.3					
Less Non-Sulphide				2.4			.24					
Settlement	.033	7.05	.20	20.4	20.3	7.6	3.44	4.8	12.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
		Gold .033 % @ [illegible]		39						
[illegible]		Silver 7.0 % @ [illegible]		1 [illegible]	Based on	% Lead	3	56		
		Copper			Variation from	% Lead				
		Lead	20	63	Labor					
		Zinc	2	00	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					[illegible]					[illegible]
Containers										
Wet Weight	[illegible]									
Moisture 3.6%	[illegible]	Total Metal Value	[illegible]	[illegible]						
Dry Weight	[illegible]	Less Treatment Charge	[illegible]	[illegible]	Net Treatment Charge		3	26		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

			DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible]	Wet Tons @ 2.56 Per Ton	[illegible]	[illegible]
Surcharge 15%				
Federal Tax 3%			3	17
Handling Charge				
Assay Charge			7	50
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty:	[illegible]		39	63
[illegible]				
Total Deductions			[illegible]	
Amount Withheld Pending Receipt of Silver Affidavit				
		Net Payment	[illegible]	

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

703

Salt Lake City, Utah, SEPTEMBER 13, 1953

Purchased From CHief Consolidated Mining Co.

Pay CHief Consolidated Mining Co., 408 Dooly Building, Salt Lake City, Utah

Shipping Point: Dugway, Utah

Lot No. 433 - GPU Product CRUDE Mine CHief No. 1 Gold License No.

Sampled by MIDVALE Received 9/5/53 Sampled 9/9/53 Assayed 9/9/53

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 22.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	11.0		16.6			12.3				.40	.37
B & D	.03	11.2	.20	16.2			12.7				.27	.26
Umpire				16.7 av.			12.5 av.					
Less Non-Sulphide				.33			.13				.33	.24
Settlement	.03	11.1	.10	16.37	28.1	6.8	12.36	13.2	6.6			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
		Gold 100 % @22.4649	07			
RG 60265		Silver 89 % @90.75	3 03	Based on 50% Lead	3 95	
		Copper }		Variation from % Lead		
		Lead }	33 44	Labor		
		Zinc	10 33	Insoluble		
				Zinc, excess over %		
				Sul., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Concentration		50
Containers						
Wet Weight	102530					
Moisture 2.6 %	2663	Total Metal Value	49 90			
Dry Weight	100832	Less Treatment Charge	3 45	Net Treatment Charge	3 45	

Payment for 51.421 **Dry Tons @** 46 45 **Per Ton** 2397 00

		DEDUCTIONS
Freight (Value under 30.00 Per Ton) 52.420	Wet Tons @ 2.27 Per Ton	119.03
Surcharge 15%		
Federal Tax 3%		3 57
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2268.35		113 41
Defense Minerals Exploration Administration,		
C/O H. H. Travis, Executive Officer,		
DMEA Field Team, Region III		
221 New Customhouse, Denver 2, Colorado		
Total Deductions		243 00
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	2154 00

E4

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

224 New Customhouse
Denver 2, Colorado

September 16, 1955

Greenwald
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed is settlement sheet covering ore shipped to United States Smelting, Refining and Mining Company under Lot No. 426-GFU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 6012 in the amount of $61.87 in full payment of the above shipment.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 12, 1933

Purchased From CHIEF CONSOLIDATED MINING CO

Pay CHIEF CONSOLIDATED MINING CO., 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 626 - 630 Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 9/1/33 Sampled 9/2/33 Assayed 9/6/33

Metal Quotations—Gold 34.9125 Silver 30.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.10		2.7			6.3				.23	.18
B & D	.025	3.50	.20	2.2			6.4				.10	.20
C & N Umpire				3.0			6.35					
Less Non-Sulphide				.37			.29				.37	.29
Settlement	.0225	3.30	.10	2.80	50.3	6.1	6.16	5.3	9.0			

CAR NOS.	NET WEIGHT
RG 72696	152080
RG 66775	113960
UP 65302	90440
UP 65219	97200
UP 66700	103640
UP 64169	83200
RG 70411	116500
UP 64099	116560
RG 73339	109920
RG 72839	122420
Weight to be used for bonding purposes is 115760# & 100,000 pounds	
Total Weight	
Containers	
Wet Weight	1117760
Moisture 1.1 %	12296
Dry Weight	1105464

METAL VALUES		
Gold 100 % @ 22.6653		24
Silver 65 % @ 90.7%	1	93
Copper		
Lead	4	57
Zinc	4	88
Total Metal Value	11	91
Less Treatment Charge	3	48

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Corrosion					50
Net Treatment Charge		3	48		

Payment for 552.742 Dry Tons @ 8 66 Per Ton 4576 20

		DEDUCTIONS	
Freight (Value under Per Ton) 569.650 Wet Tons @ 93¢ Per Ton		528	83
Surcharge 15%			
Federal Tax 3%		15	86
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1½% of 4124.51		61	87
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer			
DMEA Field Team, Region XII			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		613	56
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3963	64

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 12, 1955

Purchased From CHIEF CONSOLIDATED MINING CO

Pay CHIEF CONSOLIDATED MINING CO., 602 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 426 - 670 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 9/1/55 Sampled 9/5/55 Assayed 9/7/55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.10		2.7			6.3				.23	.18
B & D	.025	3.50	.20	2.2			6.4				.10	.20
C & N Umpire				3.0			6.35					
Less Non-Sulphide				.27			.19				.27	.29
Settlement	.0225	3.30	.10	2.60	50.3	6.1	6.16	5.3	9.0			

CAR NOS.	NET WEIGHT
RG 72696	152080
RG 46775	113960
UP 65302	90140
UP 65219	97200
UP 66700	103540
UP 27450	[illegible]
RG 70411	112[illegible]
UP 66029	112[illegible]
RG 72359	109[illegible]
RG 72535	122420
Weight to be used for hauling purposes is 113760# or 100,000# Gross	
Total Weight	
Containers	
Wet Weight	1117760
Moisture 1.1 %	12296
Dry Weight	1105464

METAL VALUES		
Gold 100 % @ 22.1650		24
Silver 95 % @ 90.75	1	95
Copper		
Lead	4	57
Zinc	4	83
Total Metal Value	12	91
Less Treatment Charge	3	28

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	28		

Payment for 552.742 Dry Tons @ 8 46 Per Ton 4674 20

DEDUCTIONS		
Freight (Value under Per Ton) 569.630 Wet Tons @ 934 Per Ton	528	83
Surcharge 15%		
Federal Tax 3%	15	86
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½ % of 4124.51	61	87
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer		
DMEA Field Team, Region XII		
224 New Customhouse, Denver 2, Colorado		
Total Deductions	613	56
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4061	64

E4

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

RECEIVED
SEP 13 1955

224 New Customhouse
Denver 2, Colorado

September 13, 1955

~~Gronold~~
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks in full payment of royalty due on these shipments as follows:

Check No.	Lot No.	Amount
5934	418-GPU	$235.76
5956	423-GPU	65.59
	424-GPU	104.94
		$170.53

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 605 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 516-570 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8/25/55 Sampled 8/23/55 Assayed 8/29/55

Metal Quotations—Gold 34.9123 Silver 90.75 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.80		4.6			6.2				.27	.19
[illegible]	.025	4.10	.20	3.2			7.0				.25	.20
Umpire		3.58		4.8			7.0					
Less Non-Sulphide				.21			.19				.21	.19
Settlement	.020	3.80	.10	4.59	4.2	5.9	6.61	6.8	9.4			

CAR NOS.	NET WEIGHT
U 62756	9980
RG47642	9800
RG45327	8950
RG[illegible]	[illegible]
RG[illegible]	[illegible]
RG[illegible]	10000
UP[illegible]	[illegible]
UP[illegible]	[illegible]
RG70579	12900
UP62000	9250
Weight to be used for	
Freight purposes is 112768	
103,000# minimum	
Total Weight	
Containers	
Wet Weight	1090360
Moisture 1.4 %	15266
Dry Weight	1075094

METAL VALUES		
Gold 100 % @ 22.4623		45
Silver 60 % @ 90.75		2 24
Copper		
Lead		7 12
Zinc		3 44
Total Metal Value		15 63
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor Concess. Credit			50
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Net Treatment Charge		3 45	

Payment for 537.547 Dry Tons @ 11 99 Per Ton 6445 39

			DEDUCTIONS
Freight (Value under $9.00 Per Ton)	559.840	Wet Tons @ 9.91 Per Ton	520.65
Surcharge 15%			
Federal Tax 3%			15 62
Handling Charge			
Assay Charge			7 00
Umpire Charge			8 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 4% of $5893.92			235 76
Fortuna Minerals Exploration Association,			
c/o W. H. Trevor, Executive Officer,			
[illegible] Tower, Room [illegible]			
214 Mon Ostenberg, Denver 2, Colorado			

DMEA
Date Rec'd
SEP 9 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 787 03

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 5658 36

E4

FORM C.O. 77-2

5706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 423-4P0 Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by FIDDAMAN Received 8/29/55 Sampled 8/31/55 Assayed 9/7/55

Metal Quotations—Gold 34.9225 Silver 90.75 Copper, N. Y. std Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.1		3.2			5.2				.29	.18
B & D	.025	3.1	.20	3.7			6.7				.30	.10
D & N Umpire				3.6			6.45 av.					
Less Non-Sulphide				.27			.24				.27	.24
Settlement	.025	3.2	.20	3.43	50.6	5.6	6.22	3.4	0.6			

CAR NOS:	NET WEIGHT
UR69225	22260
UR69001	18040
UP 69320	21820
NW72220	22840
NW70343	11720
RG72148	22240
RG72852	20040
RG 70595	18760
UP69501	20720
UP69097	20720
Weight to be used for bullion purposes is 1124540#	
100,000# minimum	
Total Weight	
Containers	
Wet Weight	1059800
Moisture 1.6 %	16974
Dry Weight	1042826

METAL VALUES		
Gold 100 % @ 34.9225		13
Silver 65 % @ 90.75	2	13
Copper)		
Lead)	5	50
Zinc	5	00
Total Metal Value	12	76
Less Treatment Charge	3	65

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	65		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Commission					50
Net Treatment Charge		3	65		

Payment for 527.333 Dry Tons @ 9 33 Per Ton 4919 62

DEDUCTIONS		
Freight (Value under $35.00 Per Ton) 563.770 Wet Tons @ 9.26 Per Ton	522	32
Surcharge 15%		
Federal Tax 3%	15	73
Handling Charge		
Assay Charge	7	50
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3½ % of $4572.79	65	59
Defenco Minerals Exploration Administration, c/o V. M. Tarver, Executive Officer, DMA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		
Total Deductions	612	63
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4307	99

E 4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING CO., 808 DESERT BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. 424,[illegible] Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8/27/55 Sampled 8/[illegible]/55 Assayed 8/31/55

Metal Quotations—Gold 34.9225 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 9.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	9.9		24.8			10.8				.30	.37
B & D	.04	10.4	.20	25.4			24.0				.35	.35
Dardwell Umpire				25.2			22.6					
Less Non-Sulphide				.23			.15				.23	.36
Settlement	.035	10.25	.20	[illegible]	[illegible]	7.1	23.44	12.6	5.4			

CAR NOS.	NET WEIGHT
RG 45240	
Total Weight	
Containers	
Wet Weight	103020
Moisture 2.0 %	2060
Dry Weight	100960

METAL VALUES		
Gold 100 % @ [illegible]		00
Silver 60 % @ 90.75	9	37
Copper)		
Lead)	27	95
Zinc	12	72
Total Metal Value	47	03
Less Treatment Charge	3	43

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	93		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Credits					50
Net Treatment Charge		3	45		

Payment for 50.480 Dry Tons @ 44 13 Per Ton 2230 27

DEDUCTIONS		
Freight (Value under $30.00 Per Ton) 52.504 Wet Tons @ [illegible] Per Ton	196	98
Surcharge 15%		
Federal Tax 3%	3	52
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5 % of $2093.77	104	96
Defense Minerals Exploration Administration, c/o W. M. Brown, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		
Total Deductions	296	38
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	1933	89

E4

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

RECEIVED
SEP 12 1955

224 New Customhouse
Denver 2, Colorado

September 8, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lot Nos. 420-GPU and 422-GPU.

Also enclosed are United States Smelting Refining and Mining Company checks in payment of royalty due on these shipments as follows:

Check No.	Lot No.	Amount
5880	420-GPU	$228.82
5839	422-GPU	$26.77

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
S. c. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, SEPTEMBER 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 620-GPU Product ORIGE Mine CHIEF NO. 1 Gold License No.

Sampled by MINVALE Received 8-25-55 Sampled 8-28-55 Assayed 8-29-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 13.00 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.70	—	4.7			6.7				.27	.25
B & B	.025	4.00	.20	4.8			7.5				.25	.20
Umpire		3.68		4.75 Av.			7.0					
Less Non-Sulphide				.24			.24				.24	.20
Settlement	.020	3.70	.20	4.49	[illegible]	4.3	6.82	7.3	8.0			

CAR NOS.	NET WEIGHT
UP 65722	92900
RI 70593	127440
RI 72210	122240
RI 46567	109260
UP 65783	92400
RI 72225	125040
RI 72244	122030
RI 46511	92400
UP 65341	97340
UP 64292	98520
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	[illegible]
Containers	1102540
Wet Weight	1077440
Moisture 1.2%	12902
Dry Weight	1064538

METAL VALUES		
Gold 100 % @ 34.9125		45
Silver 62 % @ 90.75	2	16
Copper		
Lead	9	16
Zinc	3	49
Total Metal Value	35	24
Less Treatment Charge	3	03

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 03	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 03	

Payment for 531.237 Dry Tons @ 32 39 PerTon 628 64

DEDUCTIONS	
Freight (Value under $35.00 Per Ton) 537.270 Wet Tons @ 24 Per Ton	322 63
Surcharge 15%	
Federal Tax 3%	15 32
Handling Charge	
Assay Charge	7 00
Umpire Charge	8 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 4% of $5720.53	228 82
Defense Minerals Exploration Administration,	
c/o U. S. Bureau, Procurement Officer,	
DMEA Field Team, Region III	
224 Dr Building, Denver 2, Colorado	
Total Deductions	772 03
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	5457 61

SEP 6 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

726

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
D & D	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
C & R Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible]%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]		[illegible]
Copper		
Lead		[illegible]
Zinc		[illegible]
Total Metal Value		[illegible]
Less Treatment Charge		[illegible]

TERMS NET
RECEIVED

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	[illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
[illegible]		[illegible]	
Net Treatment Charge		[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		[illegible]
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	[illegible]	[illegible]
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	[illegible]

DMEA
Date Rec'd.
SEP 6 1955
BUREAU OF MINES
Denver, Colorado

E4

RECEIVED
SEP 1 8 1965

224 New Customhouse
Denver 2, Colorado

August 31, 1955

Griswold
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed is settlement sheet covering ore shipped to United States Smelting, Refining and Mining Company under Lot No. 417-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 5806 in the amount of $229.39 in payment of royalty due on this shipment.

W. M. Traves

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 77-2

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 26, 1953

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 600 ECCLES BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. [illegible] **Product** [illegible] **Mine** CHIEF I.D. 3 **Gold License No.**
Sampled by [illegible] **Received** [illegible] **Sampled** [illegible] **Assayed** [illegible]
Metal Quotations—Gold [illegible] **Silver** [illegible] **Copper, N. Y.** [illegible] **Lead, N. Y.** [illegible] **Zinc** [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S.R. & M. Co.	.02	4.0	—	1.6			6.3				.27	.21
[illegible]	.025	4.3	.20	3.9			6.6				.16	.25
Umpire [illegible]				1.9			6.48					
Less Non-Sulphide				.22			.13				.21	.18
Settlement	.023	4.13	.20	1.69	65.5	5.0	6.22	7.0	3.1			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible]%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]	2	[illegible]
Copper		
Lead	7	[illegible]
Zinc	6	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	[illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
[illegible]			[illegible]
Net Treatment Charge		[illegible]	

Payment for [illegible] **Dry Tons @** [illegible] **Per Ton** [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton		[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	[illegible]	[illegible]
	Defense Minerals Exploration Administration, c/o W. H. Weaver, Director Finance, DMA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado	

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

E4

RECEIVED
SEP 2 1955

224 New Customhouse
Denver 2, Colorado

August 30, 1955

Bradwolce
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lot Nos. 418-GPU and 419-GPUL.

Also enclosed is United States Smelting, Refining and Mining Company check No. 5758 in the amount of $437.19 in payment of royalty due on these shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2 $

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 ROLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 416-UPU Product CONCS Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVANE Received 8-23-55 Sampled 8-23-55 Assayed 8-22-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 13.0 Zinc 12.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.9	—	5.3			6.7				.27	.18
B & D	.025	5.1	.2	6.3			6.8				.15	.10
D & D Umpire				5.9			6.73	4%				
Less Non-Sulphide				.21			.23				.21	.14
Settlement	.02	5.0	.20	5.33	43.8	6.3	6.63					

CAR NOS.	NET WEIGHT
UP 63518	98700
UP 62006	103200
UP 65049	102800
UP 63256	95300
UP 66658	99500
RG 72616	123840
RG 73600	131300
RG 72658	123100
RG 7[illegible]018	149380
RG 72729	130040
Total Weight	
Containers	
Wet Weight	1157440
Moisture 1.0 %	11574
Dry Weight	1145866

METAL VALUES		
Gold 120 % @ [illegible]		42
Silver 70 % @ [illegible]	3	10
Copper		
Lead	9	83
Zinc	5	28
Total Metal Value	23	70
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Zinc	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit				50	
Net Treatment Charge		3	45		

Payment for 572.993 Dry Tons @ 19 33 Per Ton 5,53 06

		DEDUCTIONS
Freight (Value under $9.00 Per Ton)	578.72 Wet Tons @ $1.40 Per Ton	810.21
Surcharge 15%		
Federal Tax 3%		24 31
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $7937.54	396 88
	Defense Minerals Exploration Administration,	
	C/O W. M. Trevor, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

DMEA
Date Rec'd
AUG 29 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 1242 40

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 7340 66

E4

FORM C.O. 77-2

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 24, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 419-GPM Product CONC Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8-18-55 Sampled 8-20-55 Assayed 8-22-55

Metal Quotations—Gold 34.9125 Silver 90.23 Copper, N. Y. .271 Lead, N. Y. 15.0 Zinc 12.0

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3	—	5.4			7.4				1.23	.20
D & D	.025	4.5	.20	6.7			7.9				1.50	.20
Umpire				6.59 Lb.			7.6 Lb.					
Less Non-Sulphide				1.77			.20				1.77	.20
Settlement	.025	4.4	.20	6.55	12.0	3.2	7.4	6.2	16.7			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 72287		Gold 100 % @ 34.9125		51						
		Silver 70 % @ 90.23	2	00	Based on	% Lead	3	93		
		Copper			Variation from	% Lead				
		Lead	22	42	Labor					
		Zinc	5	56	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concentrates Credit			52		
Containers										
Wet Weight	9720									
Moisture 0.7	68	Total Metal Value	28	03						
Dry Weight	9636	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 4.818 Dry Tons @ 15 23 Per Ton 73 37

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	48.20 Wet Tons @ $1.40 Per Ton	67.48
Surcharge 15%		
Federal Tax 3%		2 05
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $806.19	40 31
	Defense Minerals Exploration Administration,	
	c/o U. S. Bureau, Executive Officer,	
	DMEA Field Team, Region III	
	224 Post Office Bldg., Denver 2, Colorado	

DMEA
Date Rec'd
AUG 29 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 117 69

Amount Withheld Pending Receipt of Silver Affidavit —

Net Payment 755 83

E4

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

RECEIVED
AUG 29 1955

224 New Customhouse
Denver 2, Colorado

August 26, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lot Nos. 413-GPU, 414-GPUL and 415-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 5722 in the amount of $739.84 in payment of royalty due on these shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 602 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. A13-CPM Product ORES Mine CHIEF NO. 1 Gold License No.

Sampled by MINING Received 8-12-55 Sampled 8-15-55 Assayed 8-16-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 10.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.9	---	4.0			6.5				.27	.18
R & D	.025	4.1	.20	4.8			7.2				.15	.10
G & H Umpire		3.98		4.45			7.0 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	3.95	.10	4.24	12.7	6.4	6.85	7.6	9.5			

CAR NOS.	NET WEIGHT
[illegible]	9,320
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 65 % @ 90.75	2	35
Copper		
Lead	6	73
Zinc	5	43
Total Metal Value	14	32
Less Treatment Charge	3	43

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	2	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Connection Credit			50		
Net Treatment Charge		3	45		

Payment for [illegible] **Dry Tons @** 21 66 **Per Ton** [illegible]

DEDUCTIONS		
Freight (Value under 63.00 Per Ton) Midvale [illegible] Wet Tons @ [illegible] Per Ton	327	53
Surcharge 15%		
Federal Tax 3%	11	63
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $[illegible] Defense Minerals Exploration Administration, c/o T. H. Jones, Executive Officer, DMEA Field Team, Region IV 234 Rio Grande, Denver 2, Colorado	233	32
Total Deductions	[illegible]	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	[illegible]	[illegible]

DMEA
Date Rec'd
AUG 25 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 177-2

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point EUREKA, UTAH

Lot No. 41-SPK Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 8-8-55 Sampled 8-13-55 Assayed 8-15-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. asi Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	11.4	—	13.0		4.9					.33	.18
D & O	.025	12.2	.2	13.7		5.5					.15	.10
Umpire		11.68		13.4		5.0						
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.025	11.63	.10	13.21	37.6	6.4	4.65	8.2	9.210			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
BR 73521		Gold 100 % @ 34.9125	3 49			
		Silver 50 % @ 90.75	8 43	Based on % Lead		
		Copper		Variation from % Lead		
		Lead	22 69	Labor		
		Zinc	3 77	Insoluble		
				Zinc, excess over %		
				Sul., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Concentration Credit	50	
Containers						
Wet Weight	145243					
Moisture 2.7 %	2295	Total Metal Value	37 46			
Dry Weight	142948	Less Treatment Charge	3 49	Net Treatment Charge	3 49	

Payment for 63.521 Dry Tons @ 33 99 Per Ton 2159 02

		DEDUCTIONS
Freight (Value under 120.00 Per Ton) 63.620 Wet Tons @ 3.94 Per Ton		250 68
Surcharge 15%		
Federal Tax 3%		3 76
Handling Charge		
Assay Charge		7 50
Umpire Charge		5 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
		100 75
Royalty: 53 oz 90.75		
Defense Minerals Exploration Administration,		
C/O W. H. Tanner, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		244 81
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1914 21

E4

FORM C.[illegible]77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 23, 1955

Purchased From CHief CONSOLIDATED MINING COMPANY

Pay CHief CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. [illegible] Product [illegible] Mine CHief NO. 1 Gold License No.

Sampled by MIDVALE Received 8-15-55 Sampled 8-14-55 Assayed 8-19-55

Metal Quotations—Gold 34.9123 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 16.0 Zinc 12.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	—	5.4			7.2				.27	.17
[illegible]	[illegible]	5.5	.20	6.0			8.0				.20	.20
[illegible] Umpire		5.03	/	5.8			7.6					
Less Non-Sulphide				.19			.14				.29	.24
Settlement	.0225	5.03	.10	5.62	18.6	5.0	7.46	7.6	9.2			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ [illegible]		[illegible]
Silver 50 % @ [illegible]	3	23
Copper		
Lead	[illegible]	76
Zinc	[illegible]	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3 [illegible]	
Variation from % Lead		
Labor [illegible]		
Insoluble [illegible]		
Zinc, excess over %		
Sul., excess over [illegible] %		
As., excess over %		
Iron		
Lime		
[illegible]	[illegible]	
Net Treatment Charge	3 [illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

			DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible]	Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%			
Federal Tax 3%			[illegible]
Handling Charge			
Assay Charge			[illegible]
Umpire Charge			6 [illegible]
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	[illegible]		[illegible]
[illegible]			
[illegible]			
[illegible]			
[illegible]			

DMEA
Date Rec'd
AUG 25 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

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

224 New Customhouse
Denver 2, Colorado

August 23, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Docket DMA 1 & 14, Contract I-DMA-E4 (Lead-Zinc), Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalty due on these shipments as follows:

Check No.	Lot Number	Amount	Total
5646	408-GPU	$158.02	
	410-GPUL	53.97	
	411-GPUL	52.83	$264.82
5675	412½GPU	$ 63.93	$ 63.93
5689	407-GPU	$ 70.89	$ 70.89

W. M. TRAVER

W. M. Traver

Enclosures

vj
cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 16, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 407-GPH Product CRUDE Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received 8-9-55 Sampled 8-10-55 Assayed 8-11-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.0 Zinc 12.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.3	—	3.8			5.2				.24	.27
B & D	.025	3.7	.20	4.1			5.7				.20	.30
Umpire				3.95 Av.			5.45 Av.					
Less Non-Sulphide				.39			.14				.39	.14
Settlement	.02	3.5	.20	3.76	22.7	4.5	5.32	5.5	22.7			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture 2.4%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	[illegible] % @ 22.4643	[illegible]
Silver	[illegible] % @ [illegible]	[illegible]
Copper		
Lead		[illegible]
Zinc		[illegible]
Total Metal Value		[illegible]
Less Treatment Charge		[illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	[illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentration Per Cent~~		[illegible]	
Net Treatment Charge		[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] 57.35 Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	[illegible]
Handling Charge	
Assay Charge	[illegible]
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 1.57 oz @ $22.53 Defense Minerals Exploration Administration, c/o U. S. Bureau of Mines, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	70 [illegible]
Total Deductions	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	[illegible]

DMEA
Date Rec'd
AUG 22 1955
BUREAU OF MINES
Denver, Colorado

E 4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 16, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 NEWHOUSE BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 403-427 **Product** [illegible] **Mine** CHIEF NO. 1 **Gold License No.**

Sampled by [illegible] **Received** 8-6-55 **Sampled** 8-30-55 **Assayed** 9-11-55

Metal Quotations—Gold 34.9225 **Silver** 90.75 **Copper, N. Y.** [illegible] **Lead, N. Y.** 18.0 **Zinc** 13.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.5	[illegible]	6.7			6.8				.23	.27
B & D	.025	4.7	.20	6.6			6.9				.23	.25
Bondholder Umpire		3.78		6.3			6.6					
Less Non-Sulphide				.21			.25				.24	.26
Settlement	.0225	3.78	.10	6.05	18.5	6.0	6.34	6.0	0.8			

CAR NOS.	NET WEIGHT
UP 63922	27320
UP 65326	27720
UP 63263	[illegible]
UP 63199	28520
UP 63205	21600
BO 70950	28640
BO 71150	28640
BO 47211	23360
BO 71152	28600
BO 72897	26560
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture 1.1 %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ [illegible]		50
Silver 65 % @ 90.75	2	23
Copper		
Lead	6	40
Zinc	9	33
Total Metal Value	22	98
Less Treatment Charge	2	46

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	2	23
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Charge			20
Net Treatment Charge		2	43

Payment for [illegible] **Dry Tons @** 18 30 **Per Ton** 5018 64

DEDUCTIONS	
Freight (Value under $5.00 Per Ton) Motion 250.78 Wet Tons @ 5.25 Per Ton	329 60
Surcharge 15%	
Federal Tax 3%	15 62
Handling Charge	
Assay Charge	7 00
Umpire Charge	8 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: [illegible] Defense Minerals Exploration Administration, c/o U. S. Bureau, Accounts Officer, DMEA Field Team, Region III 224 Kiu Gulchstown, Denver 2, Colorado	153 02
Total Deductions	709 24
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	4309 40

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 16, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 602 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. [illegible] Product [illegible] Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8-5-55 Sampled 8-6-55 Assayed 8-9-55

Metal Quotations—Gold 34.9125 Silver 90.55 Copper, N. Y. [illegible] Lead, N. Y. 13.0 Zinc 12.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	9.7	[illegible]	9.6			6.7				.30	.18
B & D	.025	10.3	.20	9.8			5.5				.25	.10
C & D Umpire		10.13		10.1			6.23					
Less Non-Sulphide				.28			.14				.28	.14
Settlement	.02	10.13	.10	9.52	37.5	5.5	6.63	7.6	10.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
BC 87225		Gold 100 % @ 22.1663		45						
		Silver 80 % @ 90.75	7	35	Based on	%-Lead-	3	95		
		Copper			Variation from	% Lead				
		Lead	17	55	Labor					
		Zinc	2	63	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concentration Credit			50		
Containers										
Wet Weight	97160									
Moisture 1.6 %	1560	Total Metal Value	28	00						
Dry Weight	95600	Less Treatment Charge	5	45	Net Treatment Charge		3	45		

Payment for 47.800 Dry Tons @ 24 53 Per Ton 1173 53

			DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	48.58	Wet Tons @ 51.74 Per Ton	53	07
Surcharge 15%				
Federal Tax 3%			2	49
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty:	5% of $1079.30		53	97
	Defense Minerals Exploration Administration,			
	c/o M. V. Turner, Exploration Officer,			
	DMEA Field Team, Region III			
	224 Rio Grande Building, Denver 2, Colorado			

Total Deductions 170 52

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1003 02

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 16, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 650 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: MIDVALE, UTAH

Lot No. 411-OPUL Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 8-8-55 Sampled 8-10-55 Assayed 8-12-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. Lead, N. Y. 13.0 Zinc 13.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.5	—	8.9			6.3				2.0	.18
B & D	.03	5.3	.20	9.5			6.7				2.5	.30
Union Umpire		4.88		9.3			6.5 Av.				2.5	
Less Non-Sulphide				2.5			.39				2.5	.39
Settlement	.025	4.88	.20	6.8	25.5	4.1	6.31	6.2	14.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
BQ 72605		Gold 100 % @ 22.4813		56						
		Silver 70 % @ 90.73	9	20	Based on	% Lead	3	99		
		Copper			Variation from	% Lead				
		Lead	94	68	Labor					
		Zinc	9	09	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Credit			50		
Containers										
Wet Weight	131760									
Moisture 2.3 %	2722	Total Metal Value	22	33						
Dry Weight	130038	Less Treatment Charge	3	49	Net Treatment Charge		3	49		

Payment for 65.024 Dry Tons @ 27 83 Per Ton 1262 63

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	65.88 Wet Tons @ $1.40 Per Ton	92	23
Surcharge 15%			
Federal Tax 3%		2	77
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	53 oz $1056.63	52	63
	Defense Minerals Exploration Administration,		
	C/O W. H. Trapp, Executive Officer,		
	DMEA Field Team, Region VII		
	224 Ex. Customhouse, Denver 2, Colorado		

Total Deductions 156 13

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1103 50

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 18, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 422-CM3 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MINVALE Received 8-5-55 Sampled 8-11-55 Assayed 8-12-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 12.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.012	3.1	—	3.2			6.0				.27	.17
B. & D.	.025	3.5	.20	3.8			6.5				.10	.10
D. & N. Umpire				3.6			6.25 Av.					
Less Non-Sulphide				.39			.21				.19	.14
Settlement	.0185	3.3	.20	3.41	46.2	6.4	6.11	6.4	9.2			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
NG 72633	33330
[illegible]	[illegible]
[illegible]	[illegible]
UP 66992	77100
NG 7937	123350
[illegible]	[illegible]
[illegible]	[illegible]
UP 64571	[illegible]
UP 66600	[illegible]
Total Weight	
Containers	[illegible]
Wet Weight	
Moisture [illegible] %	[illegible]
Dry Weight	104403

METAL VALUES		
Gold [illegible] % @ [illegible]		
Silver 65 % @ 90.75	3	03
Copper		
Lead	5	47
Zinc	4	82
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	50		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Charge			50		
Net Treatment Charge		3	15		

Payment for 522.036 Dry Tons @ [illegible] Per Ton [illegible] 02

		DEDUCTIONS	
Freight (Value under 95.00 Per Ton) 566.26 Wet Tons @ [illegible] Per Ton		[illegible]	[illegible]
Surcharge 15%			
Federal Tax 3%		25	05
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1.5% of $420.77		63	09
Defense Minerals Exploration Administration,			
C/O W. N. Tuttle, Executive Officer,			
DMEA Field Team, Region III			
226 New Customhouse, Denver 2, Colorado			
Total Deductions		[illegible]	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		[illegible]	[illegible]

DMEA
Date Rec'd.
AUG 22 1955
BUREAU OF MINES
Denver, Colorado

E 4

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

224 New Customhouse
Denver 2, Colorado

August 17, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Docket DMA 1 & 1A, Contract I-DMA-E4 (Lead-Zinc), Chief Consolidated Mining Company, Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots Nos. 406-GPU and 409-GPU.

Also enclosed are United States Smelting, Refining and Mining Company checks Nos. 5547 in the amount of $385.58 for lot No. 406-GPU and 5598 in the amount of $67.86 for lot No. 409-GPU, in payment of royalties due on these shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
Wilson
Sec. Opr. Comm. (2)
Royalty Report File
Chron.

RECEIVED
AUG 22 1955

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 11 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, AUGUST 9, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 406-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8-3-55 Sampled 8-3-55 Assayed 8-4-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.5	—	5.3			6.2				.27	.17
B & D	.025	5.0	—	5.9			7.2				.15	.10
Union Umpire				5.8			6.7					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.020	4.75	—	5.59	11.4	6.1	6.56	7.5	10.0			

CAR NOS.	NET WEIGHT
UP 62029	99660
SP 14419	102600
RG 71501	120000
RG 72702	127100
RG 46658	98480
RG 72685	117200
RG 73334	128520
UP 63256	100060
RG 71340	126060
RG 73409	129200
Total Weight	
Containers	
Wet Weight	1149360
Moisture 1.0 %	11492
Dry Weight	1137868

METAL VALUES		
Gold 200 % @ 22.4643		45
Silver 70 % @ 90.75	3	02
Copper		
Lead	9	55
Zinc	5	22
Total Metal Value	18	24
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 568.684 Dry Tons @ 14.79 Per Ton 8413 05

		DEDUCTIONS
Freight (Value under 86.50 Per Ton) 574.560 Wet Tons @ 81.17 Per Ton		672 26
Surcharge 15%		
Federal Tax 3%		20 17
Handling Charge		
Assay Charge		7 00
Umpire Charge		3 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $7711.62 Defense Minerals Exploration Administration, C/O W. M. Trever, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		385 58

Total Deductions 1057 02

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 7356 03

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FORM C.P. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, AUGUST 12, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 409-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 8-5-55 Sampled 8-6-55 Assayed 8-9-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 14.00 Zinc 11.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.5	---	3.9			6.0				.20	.12
B & D	.025	3.9	.20	4.1			6.8				.10	.10
Umpire				4.0 Av.			6.4 Av.					
Less Non-Sulphide				.17			.14				.17	.14
Settlement	.025	3.7	.10	3.83	43.9	5.9	6.26	6.3	10.1			

CAR NOS.	NET WEIGHT
UP 65756	96020
RG 71275	110840
RG 70220	126100
RG 71683	131940
RG 71645	131600
*100,000# minimum	
Weight to be used for hauling purposes is 600,480#	
Total Weight	
Containers	
Wet Weight	596500
Moisture 1.6 %	9544
Dry Weight	586956

METAL VALUES		
Gold	100 % @ 22.1643	15
Silver	65 % @ 90.75	2 18
Copper		
Lead		6 12
Zinc		4 98
Total Metal Value		13 72
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 293.478 Dry Tons @ 10 26 Per Ton 3011 06

			DEDUCTIONS
Freight (Value under $5.00 Per Ton)	300.240 Wet Tons @	93¢ Per Ton	279 22
Surcharge 15%			
Federal Tax 3%			8 38
Handling Charge			
Assay Charge			7 00
Umpire Charge			2 00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	2% of $2714.48		67 56
	Defense Minerals Exploration Administration,		
	C/O W. M. Tracer, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		

Total Deductions 364 46

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2646 62

E4

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

RECEIVED
AUG 10 1955

224 New Customhouse
Denver 2, Colorado

August 8, 1955

Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Dmea Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalty due on these shipments as follows:

Check No.	Lot Number	Amount	Total
5456	401-GPU	$498.26	
	402-GPU	367.58	
	403-GPU	356.75	
	404-GPUL	57.72	$1280.31
5487	405-GPU	$417.57	$ 417.57

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Reoyalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 27-2

708

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 8 1955

Salt Lake City, Utah, AUGUST 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 401-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-25-55 Sampled 7-22-55 Assayed 7-29-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	5.5	[illegible]	7.3			8.0				.27	.27
B & D	.025	6.0	.20	7.5			8.7				.20	.20
C & N Umpire		5.63		7.7			8.0					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.0225	5.63	.30	7.63	10.9	7.6	7.86	8.6	8.3			

CAR NOS.	NET WEIGHT
UP 64571	96160
UP 66563	104740
UP 64054	103260
UP 66438	104180
UP 66535	101100
BG 45816	113340
BG 70283	114100
BG 70275	110820
BG 45165	102760
BG 71201	120280
Total Weight	
Containers	
Wet Weight	1090140
Moisture 2.5 %	16353
Dry Weight	1073787

METAL VALUES		
Gold	100% @ 34.9125	53
Silver	70% @ 90.75	3 56
Copper		
Lead		23 21
Zinc		6 37
Total Metal Value		33 63
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 536.954 Dry Tons @ 20 22 Per Ton 10856 00

			DEDUCTIONS
Freight (Value under $20.00 Per Ton)	545.070	Wet Tons @ 1.56 Per Ton	850 32
Surcharge 15%			
Federal Tax 3%			25 52
Handling Charge			
Assay Charge			7 00
Umpire Charge			8 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $9965.18 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado			498 26

Total Deductions 1389 00

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 9466 92

E4

FORM C.O. 27-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, AUGUST 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 402-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-28-55 Sampled 7-30-55 Assayed 8-1-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.7	—	5.1			7.4				.22	.18
B & D	.02	5.0	.20	5.4			6.0				.10	.10
Bardwell Umpire				5.25	Av.		7.5					
Less Non-Sulphide				.17			.14				.17	.14
Settlement	.02	4.85	.10	5.08	45.4	5.9	7.26	8.4	8.6			

CAR NOS.	NET WEIGHT
UP 65187	95420
UP 62054	104520
RG 73039	129700
RG 71330	120060
RG 71130	124880
RG 70163	118840
RG 47055	82780
RG 71913	117440
RG 46468	93660
RG 72606	126360
Total Weight	
Containers	
Wet Weight	1114660
Moisture 1.6%	17834
Dry Weight	1096826

METAL VALUES		
Gold 100% @ 22.4643		45
Silver 70% @ 90.75	3	03
Copper		
Lead	8	74
Zinc	5	83
Total Metal Value	18	10
Less Treatment Charge	9	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 548.133 Dry Tons @ 14 65 Per Ton 8034 25

			DEDUCTIONS
Freight (Value under $6.50 Per Ton)	557.330	Wet Tons @ $1.17 Per Ton	652 03
Surcharge 15%			
Federal Tax 3%			19 56
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $7351.61			367 58
Defense Minerals Exploration Administration,			
C/O W. N. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 1050 22

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 6984 03

E4

FORM C.O. 27.2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 8 1955
BUREAU OF MINES

Salt Lake City, Utah, AUGUST 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 409-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No. Denver, Colorado

Sampled by MIDVALE Received 7-27-55 Sampled 7-30-55 Assayed 8-1-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	—	5.3			7.4				.27	.17
B & D	.02	5.2	.20	5.6			7.1				.20	.20
Umpire				5.45 Av.			7.25 Av.					
Less Non-Sulphide				.24			.19				.24	.19
Settlement	.02	5.1	.10	5.21	42.0	6.7	7.05	8.4	8.5			

CAR NOS.	NET WEIGHT
UP 63645	101650
UP 65773	101320
RG 71189	123360
RG 72015	133800
RG 71352	121650
UP 65339	92360
UP 66498	101220
UP 65983	104540
UP 66098	101620
UP 64665	96900
Total Weight	
Containers	
Wet Weight	1078500
Moisture 1.5%	16178
Dry Weight	1062322

METAL VALUES		
Gold 100 % @ 22.4625		45
Silver 70 % @ 90.75	3	24
Copper		
Lead	9	91
Zinc	5	66
Total Metal Value	18	36
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 2% Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentration Credit		50		
Net Treatment Charge	3	45		

Payment for 521.161 Dry Tons @ 14 91 Per Ton 7919 61

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	539.250 Wet Tons @ $1.40 Per Ton	754 95	
Surcharge 15%			
Federal Tax 3%		22	65
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $7236.01		356	75
Defense Minerals Exploration Administration,			
C/O W. M. Weaver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		1141	35
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		6778	26

E4

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FORM C.O. 27-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
AUG 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, AUGUST 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 404-GPW Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MOUAIR Received 7-28-55 Sampled 7-30-55 Assayed 8-1-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. .028 Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	8.80	—	9.1			4.3				.29	.20
B & D	.030	9.00	.20	9.2			7.6				.35	.20
D & N Umpire				9.15 Avg.			4.7					
Less Non-Sulphide				.21			.20				.21	.20
Settlement	.0275	8.90	.10	8.94	34.6	5.4	1.5	7.6	12.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
BG 46563		Gold 100 % @ $35.4563		39				
		Silver 70 % @ 90.75		5 65	Based on	~~% Lead~~	3 93	
		Copper			Variation from	% Lead		
		Lead		34 32	Labor			
		Zinc		2 59	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight								50
Containers								
Wet Weight	118440							
Moisture 1.0 %	1184	Total Metal Value		24 95				
Dry Weight	117256	Less Treatment Charge		3 45	Net Treatment Charge		3 45	

Payment for 58.628 Dry Tons @ 22 50 Per Ton 1260 50

			DEDUCTIONS
Freight (Value under $10.00 Per Ton)	59.220	Wet Tons @ 22.38 Per Ton	22 38
Surcharge 15%			
Federal Tax 3%			2 77
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1154.35			57 72
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 263 37

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1096 63

E4

FORM C.O. 27-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 8 1955

Salt Lake City, Utah, AUGUST 5, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 605 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 405-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-29-55 Sampled 8-1-55 Assayed 8-2-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.10	—	5.5			7.2				.27	.18
R & D	.025	5.40	.20	5.9			7.4				.20	.28
C & D Umpire				5.9			7.3 Av.					
Less Non-Sulphide				.24			.23				.24	.23
Settlement	.0225	5.25	.10	5.66	43.2	6.2	7.07	8.4	5.5			

CAR NOS.	NET WEIGHT
UP 60145	94250
RG 71104	128640
RG 47986	102100
RG 71447	133760
RG 71716	135520
RG 70164	128850
RG 71775	134420
RG 72497	121260
UP 62729	103300
UP 65339	90420
Total Weight	
Containers	
Wet Weight	1170350
Moisture 1.2%	14050
Dry Weight	1156300

METAL VALUES		
Gold 100 % @ 22.4643		E
Silver 70 % @ 90.75	3	34
Copper)		
Lead)	9	34
Zinc	5	67
Total Metal Value	19	35
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	55% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 578.415 Dry Tons @ 15 91 Per Ton 9202 58

		DEDUCTIONS	
Freight (Value under $3.00 Per Ton)	565.440 Wet Tons @ $1.40 Per Ton	819	62
Surcharge 15%			
Federal Tax 3%		24	59
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $851.37	417	57
	Defense Minerals Exploration Administration,		
	C/O W. M. Trever, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions		1268	76
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		7933	80

E4

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

RECEIVED
AUG 8 1955

224 New Customhouse
Denver 2, Colorado

August 5, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A-(Lead-Zinc) Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company under Lots Nos. 399-GPU and 400-GPUL.

Also enclosed is United States Smelting, Refining and Mining Company check No. 5430 in the amount of $358.57 in payment of royalty due on these shipments.

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty E4
S. R. Wilson w/settlement sheets
Sec. Opr. Com. (2) w/settlement sheets
Royalty Report File
Chron.

FORM [illegible]77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUI[illegible]NG
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
AUG 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, AUGUS[illegible] 5 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 399-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-28-55 Sampled 7-30-55 Assayed 8-1-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.4	—	5.0			6.1				.23	.18
B & I	.025	4.7	.20	5.1			4.9				.20	.10
Umpire				5.05			6.3					
Less Non-Sulphide				.22			.14				.22	.14
Settlement	.0225	4.55	.10	4.83	41.2	6.3	5.98	6.9	30.5			

CAR NOS.	NET WEIGHT
RG 46054	90540
RG 73365	129860
RG 71652	120700
UP 63538	107900
UP 64302	92640
UP 66199	102920
UP 63236	100060
RG 71629	125460
RG 72698	125700
RG 71008	113480
Total Weight	
Containers	
Wet Weight	1115230
Moisture 1.4 %	15614
Dry Weight	1099616

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.75	2	89
Copper)		
Lead)	7	69
Zinc	4	70
Total Metal Value	15	70
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit				50	
Net Treatment Charge		3	45		

Payment for 549.633 Dry Tons @ 12 34 Per Ton 6784 02

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	557.640 Wet Tons @ $1.17 Per Ton	652	44
Surcharge 15%			
Federal Tax 3%		19	57
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	4½% of $6101.93	274	59
	Defense Minerals Exploration Administration,		
	C/O W. M. Tanner, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		

Total Deductions 957 60

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 5827 34

E4

FORM [redacted]77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUI[redacted]NG
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
AUG 5 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, AUGUST 2, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 400-GPUL Product: CRUDE Mine: CHIEF NO. 1 Gold License No.

Sampled by: MIDVALE Received: 7-20-55 Sampled: 7-22-55 Assayed: 7-23-55

Metal Quotations—Gold: 34.9125 Silver: 90.75 Copper, N. Y.: [illegible] Lead, N. Y.: 13.00 Zinc: 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	11.9	—	13.3			4.9				.23	.17
B & D	.035	12.6	.20	13.6			4.6				.10	.10
D & H Umpire		12.18		13.45 Av.			4.65 Av.					
Less Non-Sulphide				.17			.14				.17	.14
Settlement	.025	12.18	.10	13.28	36.5	7.5	4.71	10.2	8.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
RG 46912		Gold 100 % @ 20.664		56				
		Silver 80 % @ 90.75		8 64	Based on	~~% Lead~~	9 05	
		Copper	)		Variation from	% Lead		
		Lead	)	24 60	Labor			
		Zinc		2 77	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					~~Concession Credit~~		50	
Containers								
Wet Weight	108860							
Moisture 1.2%	1306	Total Metal Value		35 97				
Dry Weight	107554	Less Treatment Charge		2 15	Net Treatment Charge		9 40	

Payment for 53.777 Dry Tons @ VAC = 2 1833 16 Per Ton 1799 98

			DEDUCTIONS
Freight (Value under $20.00 Per Ton)	54.430 Wet Tons @	3.80 Per Ton	203 50
Surcharge 15%			
Federal Tax 3%			3 27
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1679.63		83 98
	~~Defense Minerals Exploration Administration,~~		
	~~C/O H. M. Turner, Executive Officer,~~		
	~~DMEA Field Team, Region VII~~		
	~~224 New Customhouse, Denver 2, Colorado~~		

Total Deductions 293 74

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1493 64

E4

RECEIVED
AUG - 8 1955

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

RECEIVED
AUG - 5 1955

224 New Customhouse
Denver 2, Colorado

August 3, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company. Also enclosed is United States Smelting, Refining and Mining Company checks in payment of royalty due on these shipments as follows:

Check No.	Lot Number	Amount	Total
5335	387-GPUL	$ 41.10	
	392-GPU	166.64	$207.74
5352	394-GPU	$265.55	$265.55
5369	397-GPU	$179.61	
	398-GPU	200.69	$380.30

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JULY 26, 1955

DMEA
JUL 29 1955
BUREAU OF MINES
Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 387-UFUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-14-55 Sampled 7-17-55 Assayed 7-18-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. Lead, N. Y. 15.00 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	6.7	—	5.7			7.9				.27	.25
B & D	.025	7.1	.20	6.2			8.6				.10	.10
C & H Umpire				5.45			8.15					
Less Non-Sulphide				.19			.18				.19	.18
Settlement	.0175	6.9	.20	5.51	44.6	4.9	7.97	7.8	8.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 47463		Gold 100 % @ 22.4543		39					
		Silver 70 % @ 90.75	4	38	Based on % Lead	3	93		
		Copper			Variation from % Lead				
		Lead	9	55	Labor				
		Zinc	6	47	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concentration Credit		50		
Containers									
Wet Weight	106920								
Moisture 0.5 %	534	Total Metal Value	20	79					
Dry Weight	106386	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 53.223 Dry Tons @ 17 34 Per Ton 922 89

			DEDUCTIONS
Freight (Value under $10.00 Per Ton)	53.490	Wet Tons @ $1.56 Per Ton	83 44
Surcharge 15%			
Federal Tax 3%			2 50
Handling Charge			
Assay Charge			7 00
Umpire Charge			8 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $821.95			41 10
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 142 04

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 780 85

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUL 29 1955

Salt Lake City, Utah, JULY 26, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: PIERPIA, UTAH

Lot No. 392-GPJ Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-13-55 Sampled 7-16-55 Assayed BUREAU OF MINES Denver, Colorado

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. Lead, N. Y. Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.2	—	4.4			5.5					
B & D	.025	4.6	.20	4.8			6.0				.20	.18
D & N Umpire				4.7			5.0				.16	.20
Less Non-Sulphide				.17			.19				.17	.19
Settlement	.020	4.4	.10	4.53	10.2	5.5	5.70	4.2	8.0			

CAR NOS.	NET WEIGHT
RG 70163	22[illegible]200
RG 16836	* [illegible]
RG 42435	* 8[illegible]20
RG 46243	* [illegible]
RG 76542	* [illegible]
RG 46855	* 95620
RG 47334	* [illegible]
RG 72287	* [illegible]
RG 17732	* 93270
*100,000# minimum weight to be used for freight purposes is 102800#	
Total Weight	
Containers	
Wet Weight	927000
Moisture 1.4%	12990
Dry Weight	914010

METAL VALUES			
Gold	100% @ 34.9125		35
Silver	70% @ 90.75		2 30
Copper			
Lead			7 23
Zinc			6 49
Total Metal Value			
Less Treatment Charge			24 93

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			20
Net Treatment Charge		3 45	

Payment for 457.455 Dry Tons @ 11 50 Per Ton 5260 73

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	514.100 Wet Tons @ 930 Per Ton	
Surcharge 15%		478.11
Federal Tax 3%		
Handling Charge		14 34
Assay Charge		
Umpire Charge		7 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	3½% of $4761.26	
	Defense Minerals Exploration Administration,	166 64
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 666 09

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4594 64

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JULY 28, 1955

DMEA Date Rec'd AUG 1 1955 BUREAU OF MINES Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

Lot No. 396-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-18-55 Sampled 7-20-55 Assayed 7-25-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 15.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	6.4	—	4.9			6.2				.27	.17
B & D	.025	4.9	.20	5.1			6.6				.10	.10
Umpire		4.38		5.0 Av.			6.4 Av.					
Less Non-Sulphide				.29			.24				.19	.14
Settlement	.020	4.90	.10	4.81	43.7	4.7	6.26	6.7	10.3			

CAR NOS.	NET WEIGHT
UP 64193	92740
RG 47280	96140
UP 64242	95760
RG 72319	115620
RG 71114	121200
UP 63118	96220
UP 65373	96180
RG 72447	116820
RG 46031	94700
RG 73338	122560
Total Weight	
Containers	
Wet Weight	1042540
Moisture 1.5 %	15638
Dry Weight	1026902

METAL VALUES		
Gold 100 % @ 22.5625		45
Silver 70 % @ 90.75	3	11
Copper)		
Lead)	7	55
Zinc	4	96
Total Metal Value	16	18
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~% Zinc~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Conservation Credit		50		
Net Treatment Charge	3	45		

Payment for 513.451 Dry Tons @ 12 73 Per Ton 6536 23

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	521.270 Wet Tons @ $1.17 Per Ton	609	59
Surcharge 15%			
Federal Tax 3%		18	30
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	4% of $5901.04	265	55
	Defense Minerals Exploration Administration,		
	C/O W. M. Trevor, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions		900	74
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		5635	49

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUL 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 397-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-18-55 Sampled 7-21-55 Assayed 7-22-55

Metal Quotations—Gold 34.5926 Silver 90.75 Copper, N. Y. and Lead, N. Y. 16.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.9	—	4.2			6.5				.27	.22
B & B	.025	4.2	.20	4.4			7.1				.10	.25
Umpire				4.3 Av.			6.85					
Less Non-Sulphide				.10			.21				.19	.21
Settlement	.020	4.05	.10	4.12	12.7	6.4	6.64	6.6	8.4			

CAR NOS.	NET WEIGHT
UP 66188	96760
UP 60172	96520
[illegible]	[illegible]
[illegible]	100700
BG 73252	113840
UP 66227	96020
UP 66169	100120
UP 63277	96660
UP 62612	86380
UP 63689	101600
Weight to be used for freight purposes is 1045920	
Total Weight	
Containers	
Wet Weight	999700
Moisture 1.2 %	11996
Dry Weight	987704

METAL VALUES		
Gold 100 % @ 22.4663		45
Silver 70 % @ 90.75	3	57
Copper		
Lead	6	56
Zinc	1	29
Total Metal Value	11	87
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 499.852 Dry Tons @ 11 42 Per Ton 5739 79

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	523.960 Wet Tons @ 924 Per Ton	483 35
Surcharge 15%		
Federal Tax 3%		14 59
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3% on $5739.85 Defense Minerals Exploration Administration, c/o H. H. Hawes, Executive Officer, DMEA Field Div., Region III, 224 New Customhouse, Denver 2, Colorado		172 19
Total Deductions		667 53
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4972 24

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
AUG 1 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 29, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 398-GPO Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7-20-55 Sampled 7-22-55 Assayed 7-26-55

Metal Quotations—Gold 34.9125 Silver 90.73 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	3.5	—	4.2			6.10				.23	.20
B & D	.025	4.1	.20	4.6			6.80				.10	.10
Umpire		3.98		4.4			6.70					
Less Non-Sulphide				.17			.15				.17	.15
Settlement	.021	3.95	.10	4.23	27.9	5.2	6.55	6.4	9.1			

CAR NOS.	NET WEIGHT
RG 72029	22000
RG 72047	22000
UP 63525	57600
UP 64110	91500
UP 60458	57000
UP 73136	12600
RG 73042	122300
RG 71659	121300
RG 72395	111700
Weights to be used for freight purposes is 1126300	
Total Weight	
Containers	
Wet Weight	1123100
Moisture 1.1%	12354
Dry Weight	1110746

METAL VALUES		
Gold 100 % @ 22.4643		47
Silver 65 % @ 90.75	2	35
Copper)		
Lead)	6	75
Zinc	5	53
Total Metal Value	14	78
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~% Lead~~	3	95		
Variation from % Lead				
Labor VIC = 2.1322				
Insoluble				
Zinc, excess over RECLAIMED %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentration Credit		50		
Net Treatment Charge	3	45		

Payment for 555.373 Dry Tons @ 11 33 Per Ton 6272 38

DEDUCTIONS		
Freight (Value under $5.00 Per Ton) 773.410 Wet Tons @ 534 Per Ton	533	27
Surcharge 15%		
Federal Tax 3%	16	00
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3½% of $5734.11	200	69
Defense Minerals Exploration Administration,		
C/O F. M. Turner, Executive Officer,		
DMEA Field Team, Region III		
224 Fay Customhouse, Denver 2, Colorado		
Total Deductions		758 96
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		5513 42

E4

RECEIVED

AUG - 5 1955

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

RECEIVED
AUG - 1 1955

224 New Customhouse
Denver 2, Colorado

July 26, 1955

Gnaewald
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket 1 and 1A, (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped to United States Smelting, Refining and Mining Company. Also enclosed is United States Smelting, Refining and Mining Company checks in payment of royalty on these shipments as follows:

Check Number	Lot Number	Amount
5255	390-GPU	$323.98
	391-GPU	26.82
	393-GPU	308.28
		$659.08
5275	386-GPU	$ 72.72
	395-GPUL	61.81
	396-GPUL	30.98
		$165.51

W. M. TRAVER

W. M. Traver

Enclosure

vj
cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 25 1955
BUREAU OF MINES
~~Denver, Colorado~~

RECEIVED
JULY 22, 1955
Salt Lake City, Utah

Salt Lake City, Utah

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 385-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-8-55 Sampled 7-15-55 Assayed 7-16-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. nil Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.6	—	3.8			5.5				.23	.17
B & D	.025	4.0	.20	4.4			5.8				.10	.20
Union Umpire				4.0			5.65	Av.				
Less Non-Sulphide				.17			.19				.17	.19
Settlement	.020	3.8	.10	3.83	46.6	5.4	5.46	6.3	9.7			

CAR NOS.	NET WEIGHT
UP 63576	" 94450
UP 65911	" 85960
NG 73201	135560
NG 45397	" 87945
NG 47004	" 84620
NG 46661	" 90100
NG 46470	" 92620
UP 66024	" 88450
NG 46650	" 98100
*100,000# minimum weight, to be used for [illegible] purposes is	
Total Weight	[illegible]
Containers	935280
Wet Weight	856240
Moisture 1.0%	8562
Dry Weight	849658

METAL VALUES		
Gold 100% @ 22.4643		45
Silver 65% @ 90.75	2	24
Copper }		
Lead }	6	12
Zinc	4	23
Total Metal Value	13	09
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 2% Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentration Credit			50	
Net Treatment Charge	3	45		

Payment for 424.829 Dry Tons @ 9 64 Per Ton 4095 35

DEDUCTIONS		
Freight (Value under $5.00 Per Ton) 467.980 Wet Tons @ 934 Per Ton	435.22	
Surcharge 15%		
Federal Tax 3%	13	06
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 2% of $3636.07	72	72
Defense Minerals Exploration Administration,		
C/O W. H. Trauer, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 532 00

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3563 35

FORM C.O. 77

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUL 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, July 23, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 390-GFU | Product: CRUDE | Mine: CHIEF NO. 1 | Gold License No.

Sampled by: MIDVALE | Received: 7-14-55 | Sampled: 7-17-55 | Assayed: 7-18-55

Metal Quotations—Gold: 34.9125 | Silver: 90.75 | Copper, N. Y.: [illegible] | Lead, N. Y.: 15.00 | Zinc: 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.0	—	5.6			5.9				.23	.18
B & D	.025	5.1	.20	5.8			6.2				.10	.20
Umpire				5.7 Av.			6.05 Av.					
Less Non-Sulphide				.17			.19				.17	.19
Settlement	.020	5.05	.10	5.53	46.6	6.8	5.86	7.6	7.7			

CAR NOS.	NET WEIGHT
RG 47377	96960
RG 46474	94280
RG 46314	96380
RG 70267	123180
RG 46464	89740
UP 65463	96380
RG 46517	87100
RG 47376	99480
RG 70135	128220
RG 47325	87420
Total Weight	
Containers	
Wet Weight	999140
Moisture 1.6%	15986
Dry Weight	983154

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.75	3	21
Copper }		
Lead }	9	59
Zinc	4	62
Total Metal Value	17	87
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 491.577 Dry Tons @ 14 42 Per Ton 7088 54

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	499.570 Wet Tons @ $1.17 Per Ton	584	50
Surcharge 15%			
Federal Tax 3%		17	52
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $6479.50		323	98
Defense Minerals Exploration Administration,			
C/O W. M. Trexler, Executive Officer,			
DMEA Field Term, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 933 02

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 6155 52

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY,
Shipping Point: EUREKA, UTAH

Lot No. 391-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-14-55 Sampled 7-17-55 Assayed 7-18-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. 9[illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	1.2	—	2.5			5.8				.73	.50
B & D	.025	1.6	.20	2.3			6.2				.60	.50
Umpire				2.65 Av.			6.0 Av.					
Less Non-Sulphide				.67			.5				.67	.50
Settlement	.020	1.4	.10	1.93	33.2	3.6	5.5	4.8	15.0			

CAR NOS.	NET WEIGHT
RG 72336	135160
RG 73523	132720
RG 71952	140460
RG 70005	146100
RG 47136	130380
RG 70263	151660
Total Weight	
Containers	
Wet Weight	816280
Moisture 1.6 %	13072
Dry Weight	803208

METAL VALUES		
Gold	100 % @ 22.4643	45
Silver	65 % @ 90.75	83
Copper	)	
Lead	)	3 28
Zinc		4 33
Total Metal Value		8 89
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentration Charge~~		50	
Net Treatment Charge		3 45	

Payment for 401.954 Dry Tons @ 5 44 Per Ton 2186 53

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	408.480 Wet Tons @ 93¢ Per Ton	379.90
Surcharge 15%		
Federal Tax 3%		11 40
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½% of $1738.33		26 82
Defense Minerals Exploration Administration,		
C/O H. N. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		425 12
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1761 51

FORM C.O. 752. 8

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 21, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 343-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MELVAIN Received 7-13-55 Sampled 7-16-55 Assayed 7-18-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.4	—	5.4			6.5				.23	.18
B & D	.025	4.7	.20	5.6			6.9				.10	.30
Umpire				5.5 Av.			6.7 Av.					
Less Non-Sulphide				.17			.24				.17	.24
Settlement	.020	4.55	.10	5.33	46.6	6.3	6.46	7.6	8.5			

CAR NOS.	NET WEIGHT
RG 7[illegible]	[illegible]
RG 7[illegible]	[illegible]
UP 62[illegible]	90760
UP 6559	92680
UP 62[illegible]	[illegible]
RG 7[illegible]	[illegible]
RG 7[illegible]	[illegible]
RG 70[illegible]	196560
UP 6252[illegible]	88420
UP 62[illegible]	76020
[illegible]	
Weight to be used for	
Payment purposes is	
Total Weight	
Containers	
Wet Weight	962160
Moisture 1.4 %	13470
Dry Weight	948690

METAL VALUES		
Gold 100 % @ 22.1649		15
Silver 70 % @ 90.73	2	19
Copper		
Lead	9	33
Zinc	5	14
Total Metal Value	17	39
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	35		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 474.345 Dry Tons @ 14 24 Per Ton 6754 67

			DEDUCTIONS
Freight (Value under $6.50 Per Ton)	483.070	Wet Tons @ 1.17 Per Ton	565.19
Surcharge 15%			
Federal Tax 3%			16 96
Handling Charge			
Assay Charge			7 00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $6165.52			308 28
Defense Minerals Exploration Administration,			
C/O N. M. Travor, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions			897 43
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			5857 24

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 2[illegible]

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CI[illegible]

Shipping Point: EUREKA, UTAH

Lot No. 395-APUL Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MUTAIE Received 7-13-55 Sampled 7-15-55 Assayed 7-16-55

Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	8.5	—	8.3			6.1				.30	.20
B & D	.025	8.6	.20	8.8			6.6				.10	.20
Burdsall Umpire				8.4			6.35 Av.					
Less Non-Sulphide				.2			.20				.20	.20
Settlement	.0175	8.55	.10	8.2	40.3	5.7	6.15	7.9	9.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 70155		Gold 100 % @ 22.2543		39					
		Silver 70 % @ 90.75	5	43	Based on ~~% Lead~~	3	95		
		Copper)			Variation from % Lead				
		Lead)	14	79	Labor				
		Zinc	4	57	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	126090								
Moisture 2.9%	3656	Total Metal Value	25	68					
Dry Weight	122434	Less Treatment Charge	3	15	Net Treatment Charge	3	15		

Payment for 61.212 Dry Tons @ 22 [illegible] Per Ton 1345 30

			DEDUCTIONS
Freight (Value under $10.00 Per Ton)	63.040	Wet Tons @ 31.56 Per Ton	98 34
Surcharge 15%			
Federal Tax 3%			2 95
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1236.21			61 81
Defense Minerals Exploration Administration,			
C/O W. M. Trevor, Executive Officer			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 174 10

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1171 20

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 395-GPOL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-15-55 Sampled 7-17-55 Assayed 7-18-55
Metal Quotations—Gold 34.9125 Silver 90.75 Copper, N. Y. end Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.7	—	7.3			5.9				1.53	.16
B & D	.025	4.1	.20	7.8			6.2				1.50	.10
Umpire				7.4			6.05 Av.					
Less Non-Sulphide				1.52			.24				1.52	.24
Settlement	.0225	3.9	.10	5.81	33.30	4.5	5.97	6.1	13.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 47173		Gold 100 % @ 22.4643		51						
		Silver 65 % @ 90.75	2	30	Based on	% Lead	3	95		
		Copper }			Variation from	% Lead				
		Lead }	10	99	Labor					
		Zinc	1	66	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession Credit			50		
Containers										
Wet Weight	95320									
Moisture 1.2%	1144	Total Metal Value	13	06						
Dry Weight	94176	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 47.088 Dry Tons @ 14 61 Per Ton 687 96

		DEDUCTIONS
Freight (Value under Per Ton)	47.660 Wet Tons @ 81.17 Per Ton	55 76
Surcharge 15%		
Federal Tax 3%		1 67
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $619.53		30 98
Defense Minerals Exploration Administration,		
C/O W. H. Trexler, Executive Officer,		
DMEA Field Team, Region VII		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 99 61

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 588 35

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

RECEIVED
JUL 25 1955

224 New Customhouse
Denver 2, Colorado

July 22, 1955

Groswold
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, RegionIII

Subject: Royalty Payment - Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
5186	388-GPUL	$ 35.90	$ 35.90
5214	384-GPU	336.53	
	385-GPU	221.82	
	389-GPU	343.59	$901.94

W. M. TRAVER

W. M. Traver

Enclosures

vj
cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM NO. [illegible] 706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. JUL 21 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, July 12, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 384-CFU Product ORIGINAL Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 7/6/55 Sampled 7/7/55 Assayed 7/12/55

Metal Quotations—Gold 34.9125 Silver 90.325 Copper, N. Y. [illegible] Lead, N. Y. 13.50 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.1	—	5.9			6.2				.25	.25
B & D	.025	5.9	.20	6.6			6.5				.20	.20
Union Umpire				6.0			6.35 Av.					
Less Non-Sulphide				.22			.18				.22	.18
Settlement	.020	5.2	.10	5.72	18.4	6.2	6.27	7.5	7.9			

CAR NOS.	NET WEIGHT
UP 64794	100340
UP 66270	94360
UP 63763	88860
UP 63266	94220
UP 62729	87240
UP 66097	88140
BG 46797	92400
BG 72684	130220
UP 64329	90220
BG 70542	121280
Total Weight	
Containers	
Wet Weight	996280
Moisture 1.6 %	15940
Dry Weight	980280

METAL VALUES		
Gold 100 % @22.4543		45
Silver 70 % @90.125	3	22
Copper		
Lead	10	96
Zinc	4	22
Total Metal Value	18	87
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentration Credit~~			50
Net Treatment Charge		3 45	

Payment for 490.140 Dry Tons @ 15 22 Per Ton 7459 93

		DEDUCTIONS
Freight (Value under $8.00 Per Ton) 498.140 Wet Tons @ $1.40 Per Ton		697 39
Surcharge 15%		
Federal Tax 3%		20 93
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	~~5% of 6730.66~~	336 53
~~Defense Minerals Exploration Administration,~~		
~~C/O W. M. Traver, Executive Officer,~~		
~~DMEA Field Team, Region III~~		
~~224 New Customhouse, Denver 2, Colorado~~		
Total Deductions		1065 20
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		6394 13

E 4

FORM NO. 7-2 S

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 21 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE

Shipping Point: EUREKA, UTAH

Lot No. 385-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 7/8/55 Sampled 7/13/55 Assayed 7/14/55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. Lead, N. Y. 15.00 Zinc 10.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.4	—	4.8			6.7				.27	.28
B & D	.025	3.9	.20	5.1			6.6				.35	.28
Umpire				4.95 Av.			6.35 Av.					
Less Non-Sulphide				.21			.27				.21	.27
Settlement	.020	3.65	.10	4.74	17.2	5.8	6.10	6.0	9.1			

CAR NOS.	NET WEIGHT
UP 66325	97280
UP 66285	95920
UP 65584	96640
UP 65767	98240
UP 65280	102240
RG 71643	136800
RG 71908	137080
RG 45195	91600
RG 70337	131140
UP 62438	81840
Weight to be used for freight purposes is	
Total Weight	1113880
Containers	
Wet Weight	1063080
Moisture 1.2 %	12766
Dry Weight	1051114

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 65 % @ 90.50	2	15
Copper }		
Lead }	7	54
Zinc	4	59
Total Metal Value	15	03
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on ~~% Lead~~	3 05	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
~~Concentrator Credit~~		50
Net Treatment Charge	3 45	

Payment for 525.537 Dry Tons @ 12 50 Per Ton 6565 77

DEDUCTIONS	
Freight (Value under $5.00 Per Ton) 536.020 Wet Tons @ 624 Per Ton	327 94
Surcharge 15%	
Federal Tax 3%	19 54
Handling Charge	
Assay Charge	7 50
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: ~~4% of $5545.17~~	221 62
~~Defense Minerals Exploration Administration,~~	
~~C/O W. M. Tracey, Executive Officer,~~	
~~DMEA Field Team, Region III~~	
~~224 Mar Customhouse, Denver 2, Colorado~~	

Total Deductions 569 30

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 5923 65

E4

FORM C.O. 772

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 20 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 15, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 388-UPUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-9-55 Sampled 7-11-55 Assayed 7-12-55
Metal Quotations—Gold 34.9125 Silver 90.725 Copper, N. Y. Lead, N. Y. 16.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	6.3	—	6.1			7.2		.022		2.53	.20
B & D	.025	6.7	.20	6.8			7.8				2.50	.25
C & J Umpire				8.6			7.4					
Less-Non-Sulphide				2.42			.23				2.42	.23
Settlement	.0235	6.5	.10	6.38	22.1	6.1	7.77	6.3	22.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 16073		Gold 100 % @ 22.1643		53					
		Silver 70 % @ 90.725	2	94	Based on % Lead	3	53		
		Copper			Variation from % Lead				
		Lead	11	40	Labor				
		Zinc	5	73	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concentration Credit		50		
Containers									
Wet Weight	9,260								
Moisture 1.0%	93	Total Metal Value	20	53					
Dry Weight	9,167	Less Treatment Charge	9	43	Net Treatment Charge	3	03		

Payment for 46.659 Dry Tons @ 17 68 Per Ton 793 92

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	48.159 Wet Tons @ $1.40 Per Ton	67	42
Surcharge 15%			
Federal Tax 3%		2	02
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $777.92		38	90
Defense Minerals Exploration Administration, C/O H. M. Stacey, Executive Officer, DMEA Field Office, Region III, 224 New Customhouse, Denver 2, Colorado			
Total Deductions		118	34
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		675	58

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 21 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 19, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 389-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MINVALE Received 7/8/55 Sampled 7/13/55 Assayed 7/14/55
Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.9	—	5.90			6.2				.23	.16
B & D	.025	5.5	.20	6.30			6.3				.15	.15
Burdsall Umpire		5.13		6.20			6.25 Av.					
Less Non-Sulphide				.19			.17				.19	.17
Settlement	.020	5.13	.10	6.01	4.8	6.2	6.08	7.7	0.2			

CAR NOS.	NET WEIGHT
UP 63503	91060
UP 65777	96120
UP 64745	89480
UP 63066	94200
RG 45444	98850
RG 70103	130080
UP 63718	91300
UP 60174	106000
UP 65489	96620
UP 63530	98000
Total Weight	
Containers	
Wet Weight	991440
Moisture 1.5 %	14872
Dry Weight	976568

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.50	3	25
Copper		
Lead	10	50
Zinc	4	80
Total Metal Value	19	00
Less Treatment Charge	3	43

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	43		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit				50	
Net Treatment Charge		3	43		

Payment for 488.284 Dry Tons @ 19 56 Per Ton 9557 70

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	495.730 Wet Tons @ 1.40 Per Ton	694 02
Surcharge 15%		
Federal Tax 3%		20 82
Handling Charge		
Assay Charge		7 00
Umpire Charge		1 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ + Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	7% of $6871.57	343 59
	Defense Minerals Exploration Administration,	
	C/O W. M. Trover, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	
Total Deductions		1065 42
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		8492 28

E4

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

224 New Customhouse
Denver 2, Colorado

July 19, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment -nDocket DMA I and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
5134	380-GPU	$413.36	$413.36
5168	382-GPU	366.95	
	383-GPU	68.34	$435.29

W. M. TRAVER

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 772

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 15 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 25, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 208 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 300-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by WIDVAIE Received 6-30-55 Sampled 7-5-55 Assayed 7-6-55
Metal Quotations—Gold 34.9125 Silver 90.125 Copper, N. Y. ord Lead, N. Y. 14.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.9	—	6.6			6.4				.27	.18
D & D	.023	5.7	.20	7.0			6.4				.15	.20
C & K Umpire				6.7			6.6 Av.					
Less Non-Sulphide				.21			.19				.21	.19
Settlement	.0223	5.6	.10	6.49	48.3	8.5	6.21	8.0	6.9			

CAR NOS.	NET WEIGHT
UP 63520	99960
RG 70277	120020
RG 70274	114760
NG 72267	113360
UP 63290	86760
UP 64322	97600
UP 62573	91440
RG 72072	327760
UP 62370	93040
RG 70213	107040
Total Weight	
Containers	
Wet Weight	1032700
Moisture 1.1 %	11300
Dry Weight	1070700

METAL VALUES		
Gold 100 % @ 22.4643		1
Silver 70 % @ 90.125	3	59
Copper)		
Lead)	11	41
Zinc	4	72
Total Metal Value	20	77
Less Treatment Charge	3	65

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	2% Lead	3	65		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Correction Credit				50	
Net Treatment Charge		3	65		

Payment for 535.399 Dry Tons @ 16 72 Per Ton 8952 90

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	543.350 Wet Tons @ $1.40 Per Ton	757.89
Surcharge 15%		
Federal Tax 3%		22 74
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $8237.25		413 36
Defense Minerals Exploration Administration,		
C/O H. M. Trauer, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		1204 99
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		7859 89

E4

FORM C.O. 77.2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUL 18 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 14, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 382-OPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-6-55 Sampled 7-8-55 Assayed 7-9-55
Metal Quotations—Gold 34.9125 Silver 90.125 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	—	6.0			5.8				.27	.21
B & D	.03	5.5	.20	6.7			6.3				.15	.20
Barnwell Umpire		5.18		6.5			6.05 Av.					
Less Non-Sulphide				.21			.21				.21	.21
Settlement	.025	5.18	.10	6.29	87.7	6.7	5.84	7.9	7.8			

CAR NOS.	NET WEIGHT
UP 64461	95200
RG 45149	91820
RG 70336	133900
RG 71049	133060
UP 60167	87920
RG 45050	96160
RG 46061	95700
RG 45027	89620
RG 47326	98120
RG 47243	108540
Total Weight	
Containers	
Wet Weight	1021420
Moisture 1.1 %	11236
Dry Weight	1010184

METAL VALUES		
Gold 100 % @ 22.1643		55
Silver 70 % @ 90.125	3	27
Copper }		
Lead }	11	03
Zinc	4	40
Total Metal Value	19	46
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Credit			50		
Net Treatment Charge		3	45		

Payment for 505.092 Dry Tons @ 16 01 Per Ton 8086 52

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	510.710 Wet Tons @ $1.40 Per Ton	714 99
Surcharge 15%		
Federal Tax 3%		21 45
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @	Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $7339.06 Defense Minerals Exploration Administration, C/O W. M. Turner, Accounting Officer, DMEA Field Team, Region III 224 Rio Grande Bldg., Denver 2, Colorado		366 93
Total Deductions		1114 39
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		6972 13

E4

FORM C.O. 772 706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 18 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUL 18 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 383-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 7-4-55 Sampled 7-8-55 Assayed 7-9-55
Metal Quotations—Gold 34.9125 Silver 90.125 Copper, N. Y. cnd Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	2.6	—	3.9			5.2				.27	.21
B & D	.025	3.1	.20	4.3			5.6				.20	.20
B & D Umpire				4.0			5.4 Av.					
Less Non-Sulphide				.24			.21				.24	.21
Settlement	.0225	2.85	.10	3.76	37.6	5.5	5.19	6.8	12.8			

CAR NOS.	NET WEIGHT
BG 45209	107300
BG 70347	132250
BG 70347	133250
BG 45316	116200
BG 46676	104250
BG 29362	127250
BG 15478	105800
BG 71220	135250
BG 71192	112950
BG 46276	95250
Total	1,200,000 pounds
Weight to be used for freight purposes is 1179100	
Total Weight	
Containers	
Wet Weight	1174520
Moisture 0.7%	8222
Dry Weight	1166298

METAL VALUES		
Gold 100 % @ 22.4643		22
Silver 65 % @ 90.125	1	67
Copper }		
Lead }	6	02
Zinc	4	05
Total Metal Value	12	35
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 583.149 Dry Tons @ 8 80 Per Ton 5131 72

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	589.550 Wet Tons @ 934 Per Ton	548 23
Surcharge 15%		
Federal Tax 3%		16 45
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	1% of $4555.98	68 34
	Defense Minerals Exploration Administration,	
	C/O U. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	
Total Deductions		644 07
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4487 64

E4

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

RECEIVED
JUL 18 1955

224 New Customhouse
Denver 2, Colorado

July 14, 1955

Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Docket DMA L and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed is settlement sheet covering shipment of ore by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company under Lot No. 381-GPUL.

Also enclosed is United States Smelting, Refining and Mining Company check No. 5080 in the amount of $47.42 in payment of royalty due on this shipment.

W. M. TRAVER

W. M. Traver

Enclosure

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheet
Sec. Opr. Comm. (2) w/settlement sheet
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 13 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 11 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 ROOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 351-GPUL Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MUVALE Received 6-30-55 Sampled 7-5-55 Assayed 7-6-55

Metal Quotations—Gold 34.9125 Silver 90.125 Copper, N. Y. 29cl Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.8	—	11.6			6.2				2.73	.20
B & D	.025	5.9	.20	12.0			6.5				3.30	.20
D & N Umpire				11.6			6.35 Lw.				3.20	
Less Non-Sulphide				3.2			.20				3.20	.20
Settlement	.0225	5.65	.10	8.4	25.3	5.4	6.35	6.50	13.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
RG 45180		Gold 100 % @ 22.4649		51				
		Silver 70 % @ 90.125		3 69	Based on	%Lead x	3 95	
		Copper)			Variation from	% Lead		
		Lead)		15 59	Labor			
		Zinc		4 87	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					Concession Credit		50	
Containers								
Wet Weight	98260							
Moisture 2.2%	2162	Total Metal Value		25 06				
Dry Weight	96098	Less Treatment Charge		3 45	Net Treatment Charge		3 45	

Payment for 48.049 Dry Tons @ 21 61 Per Ton 1039 34

			DEDUCTIONS
Freight (Value under $10.00 Per Ton)	49.130	Wet Tons @ 1.56 Per Ton	76.64
Surcharge 15%			
Federal Tax 3%			2 30
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $948.40			47 42
Defense Minerals Exploration Administration,			
C/O H. M. Trever, Executive Officer,			
DMEA Field Tech, Region VII			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 137 36

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 900 92

E4

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

224 New Customhouse
Denver 2, Colorado

July 12, 1955

~~Gravold~~
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4984	374-GPU	$417.80	$417.80
5007	364-GPU	164.01	
	373-GPU	370.75	
	378-GPU	415.53	$950.29
5059	370-GPU	226.42	
	376-GPUL	70.92	
	377-GPU	149.40	
	379-GPUL	64.88	$511.62

W. M. TRAVER

W. M. Traver

Enclosures

vj
cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 364-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-22-55 Sampled 6-29-55 Assayed 6-27-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.1	—	6.4			5.4				.13	.13
B & D	.035	5.4	.20	6.6			5.6				.15	.15
D & H Umpire				6.6			5.5 Av.					
Less Non-Sulphide				.14			.17				.14	.17
Settlement	.0275	5.25	.10	6.46	51.9	6.0	5.33	6.6	7.8			

CAR NOS.	NET WEIGHT
UP 66661	94380
UP 64728	92160
UP 64815	88280
UP 64972	101880
UP 62861	89620
Total Weight	
Containers	
Wet Weight	466320
Moisture 2.4 %	6528
Dry Weight	459792

METAL VALUES		
Gold 100 % @22.4643		62
Silver 70 % @90.00	3	31
Copper }		
Lead }	11	34
Zinc	3	95
Total Metal Value	19	22
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on [illegible]	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentrate Credit		50		
Net Treatment Charge	3	45		

Payment for 229.896 Dry Tons @ 15 77 Per Ton 3625 46

			DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	233.160	Wet Tons @$1.40 Per Ton	326	42
Surcharge 15%				
Federal Tax 3%			9	79
Handling Charge				
Assay Charge			7	00
Umpire Charge			2	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3280.25			164	00
Defense Minerals Exploration Administration,				
C/O H. M. Traver, Executive Officer,				
DMEA Field Team, Region XII				
224 New Customhouse, Denver 2, Colorado				

Total Deductions 509 22

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3116 24

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 11 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 8, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 370-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-27-55 Sampled 6-28-55 Assayed 6-28-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.421

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	—	7.5			5.5				.23	.18
B & D	.025	5.3	.20	8.3			6.0				.15	.15
Union Umpire				7.7			5.73 Dry					
Less Non-Sulphide				.10			.17				.10	.17
Settlement	.0225	5.15	.10	7.51	48.0	7.4	5.56	7.4	7.1			

CAR NOS.	NET WEIGHT
RG 72045	138700
RG 47229	90880
RG 45386	92980
RG 72009	119800
RG 47393	110800

METAL VALUES		
Gold 100 % @ 22.4543		51
Silver 70 % @ 90.00	3	24
Copper		
Lead	13	41
Zinc	4	34
Total Metal Value	21	50
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	%Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Credit				50	
Net Treatment Charge		3	45		

Total Weight			
Containers			
Wet Weight	552660		
Moisture 1.0 %	5526		
Dry Weight	547134		

Payment for 273.567 Dry Tons @ 18 05 Per Ton 4937 88

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 276.330 Wet Tons @ $1.40 Per Ton	386	85
Surcharge 15%		
Federal Tax 3%	11	61
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4528.41	226	42
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions	635	59
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4301	99

E4

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FORM C.O. 77:2 S

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 373-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-23-55 Sampled 6-23-55 Assayed 6-27-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. — Lead, N. Y. 14.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	—	6.1			5.0				.13	.27
B & D	.035	5.1	.20	6.7			6.2				.15	.15
C & N Umpire				6.35			6.03 Av.					
Less Non-Sulphide				.14			.16				.14	.16
Settlement	.0275	5.0	.10	6.21	00.0	7.7	5.09	6.0	7.2			

CAR NOS.	NET WEIGHT
RG 72855	117300
RG 46342	95060
RG 72178	139420
RG 73320	114960
RG 45448	90400
RG 46607	88480
RG 46670	91400
RG 47116	90400
RG 71246	116860
RG 46665	91640
Total Weight	
Containers	
Wet Weight	1068920
Moisture 1.5%	16034
Dry Weight	1052886

METAL VALUES		
Gold 100% @ 22.1643		02
Silver 70% @ 90.00	3	15
Copper }		
Lead }	20	56
Zinc	2	59
Total Metal Value	19	02
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~Concentrates Credit~~			50		
Net Treatment Charge		3	45		

Payment for 526.443 Dry Tons @ 15 57 Per Ton 8196 72

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 534.400 Wet Tons @ 01.40 Per Ton	748	24
Surcharge 15%		
Federal Tax 3%	22	45
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $7415.03	370	75
Defense Minerals Exploration Administration, C/O W. M. Trover, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		
Total Deductions		1152 46
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		7044 23

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FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 5, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 374-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-25-55 Sampled 6-27-55 Assayed 6-28-55

Metal Quotations—Gold 36.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.42½

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.3	—	6.9			6.4				.13	.20
B & D	.035	5.8	.20	7.4			6.8				.15	.15
Umpire				7.2			6.6 Av.					
Less Non-Sulphide:				.14			.18				.14	.18
Settlement	.030	5.55	.10	7.06	45.0	7.8	6.42	8.3	7.6			

CAR NOS.	NET WEIGHT
UP 64966	88000
UP 65055	91380
UP 63711	95260
UP 62747	104820
UP 65075	97160
UP 66027	89980
UP 63733	101840
UP 65689	100480
UP 60183	96760
RG 73573	137480
Total Weight	
Containers	
Wet Weight	1003160
Moisture 0.9%	9028
Dry Weight	994132

METAL VALUES		
Gold 100 % @ 22.4643		67
Silver 70 % @ 90.00	3	50
Copper)		
Lead)	12	50
Zinc	5	06
Total Metal Value	21	73
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 497.066 Dry Tons @ 18 28 Per Ton 9026 37

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 501.580 Wet Tons @ $1.40 Per Ton	702	21
Surcharge 15%		
Federal Tax 3%	21	07
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $8356.09 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	417	80

Total Deductions 1148 08

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 7938 29

B4

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

DMEA
Date Rec'd JUL 11 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DOLLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: [illegible]

Lot No. 376-GMC Product CRUDE Mine [illegible] Gold License No. [illegible]
Sampled by MIDVALE Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.9923 Silver 00.00 Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

BUREAU OF MINES
Denver, Colorado

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	13.3	[illegible]	8.0			8.4				.23	.12
D & N	.030	13.6	.20	8.8			8.6				.12	.18
D & N Umpire				8.4			8.5 Av.					
Less Non-Sulphide				.29			.17				.29	.17
Settlement	.0225	13.45	.19	8.21	50.7	7.6	8.33	8.8	5.8			

CAR NOS.	NET WEIGHT
RO 72506	
Total Weight	
Containers	
Wet Weight	13210
Moisture 1.2%	150
Dry Weight	13060

METAL VALUES	
Gold [illegible]% @ [illegible]	[illegible]
Silver [illegible]% @ [illegible]	[illegible]
Copper	
Lead	1,[illegible]
Zinc	[illegible]
Total Metal Value	[illegible]
Less Treatment Charge	[illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 [illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
[illegible]		[illegible]	
Net Treatment Charge		5 25	

Payment for 6[illegible].100 Dry Tons @ 31.02 Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	6[illegible].970 Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		3 [illegible]
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		[illegible]
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: [illegible]		[illegible]
[illegible]		
[illegible]		
[illegible]		
[illegible]		

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

SMEA
Date Rec'd
JUL 11 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
B & D	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
C & H Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]					
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]	[illegible]	[illegible]
Copper		
Lead	[illegible]	[illegible]
Zinc	[illegible]	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	[illegible]	[illegible]		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
[illegible]		[illegible]		
Net Treatment Charge	[illegible]	[illegible]		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]	[illegible]
Surcharge 15%			
Federal Tax 3%		[illegible]	[illegible]
Handling Charge			
Assay Charge		[illegible]	[illegible]
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: [illegible]		[illegible]	[illegible]
[illegible]			
[illegible]			
[illegible]			
[illegible]			

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 8 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JULY 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 378-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-27-55 Sampled 6-29-55 Assayed 6-30-55

Metal Quotations—Gold 34.9125 Silver 90.125 Copper, N. Y. mad Lead, N. Y. 15.00 Zinc 12.[illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.0	—	5.5			5.7				.20	.20
B & D	.035	5.3	.20	6.3			6.0				.15	.15
Union Umpire				5.9			5.85 Av.					
Less Non-Sulphide				.18			.18				.18	.18
Settlement	.030	5.15	.10	5.72	43.9	7.0	5.67	7.2	8.5			

CAR NOS.	NET WEIGHT
UP 63815	91240
UP 63955	93360
UP 64428	97760
RG 72635	125740
RG 70018	125740
RG 70271	117740
UP 63605	94600
UP 66066	95300
UP 60045	97600
UP 65238	100120
UP 62206	93560
UP 64214	97360
Total Weight	
Containers	
Wet Weight	1234660
Moisture 1.0 %	12346
Dry Weight	1222314

METAL VALUES		
Gold 100 % @ 22.2643		67
Silver 70 % @ 90.125	3	25
Copper		
Lead	9	94
Zinc	6	42
Total Metal Value	18	28
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~Concession Credit~~				50	
Net Treatment Charge		3	45		

Payment for 611.157 Dry Tons @ 24 03 Per Ton 9052 46

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 627.330 Wet Tons @ 21.17 Per Ton	722	20
Surcharge 15%		
Federal Tax 3%	21	67
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: ~~5% of $9210.53~~	435	53
~~Defense Minerals Exploration Administration,~~		
~~C/O W. M. Travers, Incentive Officer,~~		
~~DMEA Mobil Team, Region III~~		
~~224 New Customhouse, Denver 2, Colorado~~		

Total Deductions 1166 68

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 7885 98

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FORM S.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUL 11 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, July 8, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 379-3PUL Product CHUTE Mine CHIEF NO. 1 Gold License No.

Sampled by FIDVALE Received 6-27-55 Sampled 6-22-55 Assayed 6-27-55

Metal Quotations—Gold 34.0833 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 13.00 Zinc 12.42½

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	10.8	—	7.0			5.6				.27	.20
B & D	.025	11.2	.20	7.6			5.9				.30	.20
Kordall Umpire				7.2			5.75 Av.					
Less Non-Sulphide				.20			.20				.27	.20
Settlement	.0275	11.0	.10	6.98	51.3	6.1	5.55	7.0	6.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
RB 73478		Gold 100 % @ 22.4643		39			
		Silver 80 % @ 90.00	7	02	Based on % Lead	3 [illegible]	
		Copper)			Variation from % Lead		
		Lead)	12	05	Labor		
		Zinc	2	32	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight					Concession Credit	10	
Containers							
Wet Weight	135460						
Moisture 1.9 %	2578	Total Metal Value	21	68			
Dry Weight	132882	Less Treatment Charge	3	15	Net Treatment Charge	9 [illegible]	

Payment for 66.541 Dry Tons @ 21 13 Per Ton 1425 97

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	67.830 Wet Tons @ 1.73 Per Ton	115 09
Surcharge 15%		
Federal Tax 3%		3 [illegible]
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $1297.50	64 88
	Defense Minerals Exploration Administration,	
	C/O U. S. Bureau of Mines, Executive Officer,	
	DMEA Field Team, Region III	
	224 Federal Centerbuilding, Denver 2, Colorado	

Total Deductions 193 39

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1232 62

E4

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

224 New Customhouse
Denver 2, Colorado

July 6, 1955

RECEIVED
JUL - 8 1955

Unopened
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - DMEA Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4, Chief Consolidated Mining Company, Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4901	362-GPU	$190.05	
	363-GPU	206.08	
	366-GPUL	18.83	
	368-GPU	197.35	
	371-GPU	142.51	$754.82
4919	369-GPUL	$104.96	
	372-GPU	127.43	$232.39
4950	365-GPUL	$ 81.45	
	375-GPUL	55.72	$137.17

W. M. TRAVER,
W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 712 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.

Salt Lake City, Utah, JUNE 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 405 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 362-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-25-55 Sampled 6-20-55 Assayed 6-21-55

Metal Quotations—Gold 34.9123 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.4	—	7.3			5.9				.27	.18
B & D	.025	4.7	.20	7.6			6.3				.15	.15
Umpire				7.45 Av.			6.1 Av.					
Less Non-Sulphide				.21			.17				.21	.17
Settlement	.020	4.55	.10	7.24	43.4	7.8	5.93	6.6	9.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
UP 63444	108460	Gold 100 % @22.4643		45					
UP 64620	95800	Silver 70 % @90.00	2	57	Based on % Lead	3	95		
UP 65193	110220	Copper }			Variation from % Lead				
UP 63760	81600	Lead }	12	28	Labor				
UP 63998	97540	Zinc	4	43	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Conversion Charge		50		
Containers									
Wet Weight	493620								
Moisture 1.8%	8886	Total Metal Value	20	63					
Dry Weight	484734	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 242.367 Dry Tons @ 17 18 Per Ton 4163 57

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	246.810 Wet Tons @$1.40 Per Ton	345.53
Surcharge 15%		
Federal Tax 3%		10 37
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $3900.97	190 05
	Defense Minerals Exploration Administration,	
	C/O W. M. Travis, Executive Officer,	
	DMEA Field Team, Region IV	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 552 95

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3610 62

E4

FORM C.O. 7742

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEM
Date Rec'd
JUN 27 1955

Salt Lake City, Utah, JUNE 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 363-CFU Product CRUDE Mine CHIEF NO. 1 Gold License No. BUREAU OF MINES

Sampled by MIDVALE Received 6-15-55 Sampled 6-17-55 Assayed 6-18-55 Denver, Colorado

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 16.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.029	5.3	—	5.6			6.3				.20	.20
B & D	.035	5.6	.20	6.1			6.6				.15	.20
C & N Umpire				6.1			6.45					
Less Non-Sulphide				.23			.15				.23	.15
Settlement	.029	5.45	.10	5.57	10.8	8.8	6.30	7.0	6.5			

CAR NOS.	NET WEIGHT
RG 70367	120500
RG 70274	133240
RG 71628	126180
RG 70238	122080
RG 15078	94360
Total Weight	
Containers	
Wet Weight	936360
Moisture 2.0 %	18728
Dry Weight	917632

METAL VALUES		
Gold 100 % @ 34.1643		65
Silver 70 % @ 90.00	3	43
Copper		
Lead	16	94
Zinc	4	73
Total Metal Value	25	05
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	05		
Variation from	% Lead				
Labor					
Insoluble					
Zinc; excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Credit				50	
Net Treatment Charge		3	45		

Payment for 292.216 Dry Tons @ 15 40 Per Ton 4499 57

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 292.190 Wet Tons @ 21.40 Per Ton	437	45
Surcharge 15%		
Federal Tax 3%	12	52
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 55 oz @ $4122.60	206	08
Defense Minerals Exploration Administration,		
C/O U. S. Treasury, Executive Office,		
DMEA Field Team, Ogden UT		
224 Fox Gulch Building, Denver 2, Colorado		
Total Deductions	625	25
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3873	32

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FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 30, 1955

JUL 5 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOCKY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF DENVER, COLO.

Lot No. 365-APUL Product CHUMS Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-26-55 Sampled 6-21-55 Assayed 6-22-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.5	—	14.4			8.6				2.20	.20
B & D	.025	7.1	.20	15.0			9.0				2.90	.10
D & N Umpire		6.88		14.9			8.6 Av.				2.60	
Less Non-Sulphide				2.6			.25				2.60	.15
Settlement	.025	6.88	.10	12.3	28.4	7.9	8.65	9.0	9.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
MG 47021		Gold 100 % @ 22.4643		56					
		Silver 70 % @ 90.00	4	33	Based on 5% Lead	3	95		
		Copper			Variation from % Lead				
		Lead	23	17	Labor				
		Zinc	6	70	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concentration Credit		50		
Containers									
Wet Weight	112900								
Moisture 1.7 %	1920	Total Metal Value	34	73					
Dry Weight	110980	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 55.490 Dry Tons @ 31 32 Per Ton 1737 39

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	56.450 Wet Tons @ $1.72 Per Ton	96	53
Surcharge 15%			
Federal Tax 3%		2	90
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1628.96		81	45
Defense Minerals Exploration Administration,			
C/O W. M. Trevor, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		189	88
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		1547	51

E4

FORM C.O. 772 R

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 30 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 366-OPEL Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-15-55 Sampled 6-20-55 Assayed 6-21-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 13.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	3.0	—	4.4			7.1				.33	.20
B & D	.025	3.2	.20	4.5			7.0				.15	.20
Union Umpire				4.25 Av.			7.5					
Less Non-Sulphide				.24			.2				.24	.20
Settlement	.0175	3.1	.10	4.21	29.1	4.6	7.3	6.5	13.5			

CAR NOS.	NET WEIGHT	METAL-VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
UP 64493		Gold 100 % @ 22.4643		39					
		Silver 65 % @ 90.00	1	81	Based on 20 Lead	3	93		
		Copper)			Variation from % Lead				
		Lead)	6	72	Labor				
		Zinc	5	56	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	128300								
Moisture 1.6%	2052	Total Metal Value	14	48					
Dry Weight	126248	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 63.124 Dry Tons @ 11 08 Per Ton 696 26

		DEDUCTIONS	
Freight (Value under Per Ton)	64.150 Wet Tons @ 934 Per Ton	59	66
Surcharge 15%			
Federal Tax 3%		1	79
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 3% of $627.81		18	83
Defense Minerals Exploration Administration,			
C/O W. M. Trever, Executive Officer,			
DMEA Field Team, Region III			
224 Post Customhouse, Denver 2, Colorado			

Total Deductions 87 28

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 608 95

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FORM C.O. 7-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 22 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 22 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 368-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by NIDVAIE Received 6-15-55 Sampled 6-17-55 Assayed 6-18-55

Metal Quotations—Gold 34.9023 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.50 Zinc 22.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.7	—	7.2			5.5				.30	.18
B & D	.035	5.1	.20	8.0			6.0				.25	.20
~~Darwell~~ Umpire				7.7			5.75 Av.					
Less Non-Sulphide				.23			.14				.23	.14
Settlement	.0285	4.9	.20	7.47	4.9	8.8	5.62	6.9	7.7			

CAR NOS.	NET WEIGHT
RG 45465	95820
RG 46045	98940
RG 46099	84000
RG 73179	124480
RG 45376	89960
Total Weight	
Containers	
Wet Weight	493100
Moisture 1.7 %	8382
Dry Weight	484718

METAL VALUES		
Gold 100 % @ 22.4623		44
Silver 70 % @ 90.00	3	09
Copper		
Lead	13	34
Zinc	4	17
Total Metal Value	21	24
Less Treatment Charge	2	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	2 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentration Credit~~		50	
Net Treatment Charge		2 45	

Payment for 242.359 Dry Tons @ 17 89 Per Ton 4332 97

		DEDUCTIONS
Freight (Value under $8.00 Per Ton) 246.350 Wet Tons @ $1.40 Per Ton		345.17
Surcharge 15%		
Federal Tax 3%		10 36
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3947.04 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		197 35
Total Deductions		552 88
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3780 09

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUL 1 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, ~~JUNE 30~~ JUL 1 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 602 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 369-GFUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-25-55 Sampled 6-22-55 Assayed 6-23-55
Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 13.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	9.6	[illegible]	6.9			5.9				.23	.20
B & D	.025	10.0	.20	7.2			6.5				.25	.10
Union Umpire		9.78		7.05 Av.			6.15					
Less Non-Sulphide				.19			.15				.29	.15
Settlement	.0175	9.78	.10	6.86	45.6	8.3	6.00	7.8	7.7			

CAR NOS.	NET WEIGHT
BQ 46356	99920
BG 72110	136840

METAL VALUES		
Gold 100 % @ 20.4619		39
Silver 70 % @ 90.00	6	16
Copper		
Lead	12	13
Zinc	4	53
Total Metal Value	23	19
Less Treatment Charge	3	25

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3	95
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concession Credit~~			50
Net Treatment Charge		3	45

Total Weight	
Containers	
Wet Weight	235760
Moisture 1.0%	2355
Dry Weight	233402

Payment for 116.701 Dry Tons @ 19 72 Per Ton 2299 65

		DEDUCTIONS
Freight (Value under $10.00 Per Ton)	117.680 Wet Tons @ 1.56 Per Ton	183 60
Surcharge 15%		
Federal Tax 3%		5 52
Handling Charge		
Assay Charge		7 00
Umpire Charge		5 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2099.27		104 95
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		
Total Deductions		309 37
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1994 32

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FORM C.O. 772

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 30 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: FIRESTONE, UTAH

Lot No. 371[illegible] Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-17-55 Sampled 6-22-55 Assayed [illegible]

Metal Quotations—Gold 34.9023 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 13.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	[illegible] %	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	—	5.2			6.1				.27	.17
B & D	.025	5.1	.20	5.5			6.4				.15	.15
Umpire				5.35 Av.			6.25 Av.					
Less Non-Sulphide				.21			.16				.21	.16
Settlement	.0225	5.05	.10	5.14	57.3	5.9	6.09	6.3	7.2			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
UP 60096	87360	Gold 100 % @ 22.4643		51						
UP 63095	87750	Silver 70 % @ 90.00	3	13	Based on	% Lead	3	95		
UP 62660	101660	Copper)			Variation from	% Lead				
UP 64837	91020	Lead)	8	57	Labor					
UP 64534	97040	Zinc	4	56	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession Credit			50		
Containers										
Wet Weight	464020									
Moisture 1.2%	5104	Total Metal Value	17	12						
Dry Weight	458916	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 229.462 Dry Tons @ 13 67 Per Ton 3136 56

			DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	232.020	Wet Tons @ $1.17 Per Ton	271	46
Surcharge 15%				
Federal Tax 3%			8	14
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @	Per Ton			
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty:	5% of $2850.23		142	51
	Defense Minerals Exploration Administration,			
	C/O W. M. Tracy, Executive Officer,			
	DMEA Field Team, Region III			
	224 New Customhouse, Denver 2, Colorado			

Total Deductions 429 11

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2707 72

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FORM C.O. 7-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUL 1 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 29, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 372-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-17-55 Sampled 6-22-55 Assayed 6-23-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3	—	4.7			6.0				.27	.18
B & D	.025	4.7	.20	5.0			6.4				.15	.15
Umpire				4.55 Av.			6.2 Av.					
Less Non-Sulphide				.21			.17				.21	.17
Settlement	.0225	4.5	.10	4.64	18.5	5.8	6.03	6.2	2.5			

CAR NOS.	NET WEIGHT
RG 70059	147880
RG 71091	126440
RG 46282	90400
RG 71000	127020
RG 71719	118640
Total Weight	
Containers	
Wet Weight	610080
Moisture 1.0 %	6100
Dry Weight	603980

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.00	2	84
Copper		
Lead	7	36
Zinc	4	52
Total Metal Value	15	22
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~Concentration Credits~~			50		
Net Treatment Charge		3	45		

Payment for 301.990 Dry Tons @ 11 79 PerTon 3560 46

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	305.040 Wet Tons @ 31.27 Per Ton	356	50
Surcharge 15%			
Federal Tax 3%		10	72
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	4% of $3185.85	127	43
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		

Total Deductions 502 04

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3058 42

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FORM C.O. 37-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd JUL 1955

Salt Lake City, Utah, JULY 5 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE

Shipping Point: EUREKA, UTAH

Lot No. 375-GFUL Product CRUDE Mine CHIEF NO. 1 Gold License No. OF MINES

Sampled by MIDVALE Received 6-20-55 Sampled 6-23-55 Assayed Denver, Colorado

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. 2nd Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	10.8	—	6.4			6.2				.30	.21
B & D	.025	11.1	.20	8.8			6.6				.15	.10
Umpire				8.5			6.4					
Less Non-Sulphide				.23			.16				.23	.16
Settlement	.0225	10.95	.10	6.27	42.1	6.4	6.24	6.8	6.4			

CAR NOS.	NET WEIGHT
UP 63025	
Total Weight	
Containers	
Wet Weight	100000
Moisture 2.0 %	2000
Dry Weight	98042

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 80 % @ 90.00	7	06
Copper		
Lead	14	95
Zinc	4	63
Total Metal Value	28	62
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit			90	
Net Treatment Charge	3	45		

Payment for 49.421 Dry Tons @ 24 57 Per Ton 1214 27

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton) 50.430 Wet Tons @ $1.72 Per Ton		86	24
Surcharge 15%			
Federal Tax 3%		2	59
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1114.44		55	72
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 Post Customhouse, Denver 2, Colorado			
Total Deductions			155 55
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			1058 72

E4

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

RECEIVED
JUN 30 1955

224 New Customhouse
Denver 2, Colorado

June 27, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company under Lot Nos. 361-GPU and 367-GPUL.

Also enclosed is United States Smelting, Refining and Mining Company check No. 4813 in the amount of $225.82 in payment of royalties due on these shipments.

W. M. TRAVER,

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm.(2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

Lot No. 361-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-13-55 Sampled 6-15-55 Assayed 6-16-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 16.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	4.0	—	5.90			6.3				.20	.15
B & D	.025	4.3	.20	6.30			6.6				.15	.10
C & N Umpire				6.10			6.45 Av.					
Less Non-Sulphide				.19			.13				.19	.13
Settlement	.021	4.15	.10	5.93	46.6	7.3	6.32	6.8	8.8			

CAR NOS.	NET WEIGHT
BG 46399	99180
BG 47140	97580
BG 47445	95820
BG 70557	124500
BG 72016	124260
Total Weight	
Containers	
Wet Weight	535400
Moisture 2.0%	10708
Dry Weight	524692

METAL VALUES

Gold 100 % @ 22.4643		67
Silver 70 % @ 90.00	2	61
Copper		
Lead	19	21
Zinc	4	74
Total Metal Value	18	13
Less Treatment Charge	3	49

TREATMENT CHARGES

		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 99	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 49	

Payment for 262.346 Dry Tons @ 14 63 Per Ton 3843 24

DEDUCTIONS

Freight (Value under $6.50 Per Ton) 267.700 Wet Tons @ 01.17 Per Ton	313	23
Surcharge 15%		
Federal Tax 3%	9	40
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3519.63 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	175	98

Total Deductions 507 99

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3343 65

E4

FORM C.O. 72 2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd,
JUN 24 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 367-GPUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-13-55 Sampled 6-16-55 Assayed 6-17-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper N. Y. and Lead, N. Y. 14.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	7.0	—	6.1			5.7				.27	.23
B & D	.025	7.5	.20	6.3			6.0				.20	.20
Umpire				6.2 Av.			5.85 Av.					
Less Non-Sulphide				.24			.22				.24	.22
Settlement	.0175	7.25	.10	5.96	37.5	4.9	5.63	6.2	12.3			

RECEIVED JUN 22 1955

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 70363		Gold 100 % @ 22.4643		39					
		Silver 70 % @ 90.00	4	57	Based on ~~% Lead~~	3	95		
		Copper			Variation from % Lead				
		Lead	10	41	Labor				
		Zinc	4	19	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	139000								
Moisture 1.4%	1946	Total Metal Value	19	56					
Dry Weight	137054	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 68.527 Dry Tons @ 16 11 Per Ton 1103 97

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	69.500 Wet Tons @ 01.40 Per Ton	97	30
Surcharge 15%			
Federal Tax 3%		2	92
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $996.75	49	84
	Defense Minerals Exploration Administration,		
	C/O W. M. Tyler, Executive Officer,		
	DMEA Field Team, Region XII		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions			157 06
Amount Withheld Pending Receipt of Silver Affidavit			
		Net Payment	946 91

E4

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

RECEIVED
JUN 27

224 New Customhouse
Denver 2, Colorado

June 23, 1955

Yoswald
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4785	353-GPU	$ 50.98	
	355-GPUL	36.68	
	356-GPUL	129.48	
	357-GPU	90.31	$307.45
4798	358-GPU	161.56	
	360-GPU	127.40	288.96

W. M. Traver

Enclosures

vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w.settlement sheets
Royalty Report File
Chron.

FORM C.O. 7-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 22 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 353-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-8-55 Sampled 6-13-55 Assayed 6-16-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	3.1	---	4.2			6.2				.20	.18
B & D	.025	3.3	.20	4.5			6.2				.10	.10
Umpire				4.35 Av.			6.2 Av.					
Less Non-Sulphide				.15			.14				.15	.11
Settlement	.0235	3.2	.10	4.20	48.3	7.8	6.06	6.4	8.0			

CAR NOS.	NET WEIGHT
UP 63543	# 91120
UP 63594	# 82100
UP 66416	# 90600
UP 62367	# 94680
UP 62162	# 98020
700,000# minimum	
Weight to be used for hauling purposes is 500,000#	
Total Weight	
Containers	
Wet Weight	456520
Moisture 1.7 %	7766
Dry Weight	448754

METAL VALUES		
Gold 100 % @ 22.4543		53
Silver 65 % @ 90.00	1	87
Copper }		
Lead }	6	70
Zinc	4	53
Total Metal Value	13	63
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	05		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Conversion Credit		50		
Net Treatment Charge	3	45		

Payment for 224.527 Dry Tons @ 10 18 Per Ton 2285 68

		DEDUCTIONS	
Freight (Value under $5.00 Per Ton)	250.000 Wet Tons @ $3.4 Per Ton	292	50
Surcharge 15%			
Federal Tax 3%		6	98
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	2½ of $2039.20	50	98
	Defense Minerals Exploration Admin istration,		
	C/O H. M. Trevor, Executive Officer,		
	DMEA Field Team, Region XX		
	224 Rox Customhouse, Denver 2, Colorado		
Total Deductions		357	46
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		1928	22

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 22 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, JUNE 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 605 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 353-QPR Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-8-55 Sampled 6-13-55 Assayed 6-14-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	8.7	—	5.4			6.6				.23	.28
B & D	.025	9.1	.20	6.0			6.7				.10	.10
Barkwill Umpire				5.5			6.65 Av.					
Less Non-Sulphide				.17			.19				.17	.19
Settlement	.020	8.9	.10	5.33	44.0	8.0	6.46	8.5	8.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
UP 66776		Gold	100% @ 22.4643	45						
		Silver	70% @ 90.00	5 61	Based on	% Lead	3	95		
		Copper	}		Variation from	% Lead				
		Lead	}	9 21	Labor					
		Zinc		4 86	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession Credit			50		
Containers										
Wet Weight	100140									
Moisture 1.2%	1202	Total Metal Value		20 13						
Dry Weight	98938	Less Treatment Charge		3 45	Net Treatment Charge		3	45		

Payment for 49.469 Dry Tons @ 16 68 Per Ton 825 16

		DEDUCTIONS
Freight (Value under $10.00 Per Ton)	50.070 Wet Tons @ $1.56 Per Ton	78.11
Surcharge 15%		
Federal Tax 3%		2 34
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $733.69		36 68
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		128 13
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		697 01

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 29 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 29, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

Lot No. 996-GFUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-8-55 Sampled 6-13-55 Assayed 6-14-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 16.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	9.3	—	19.2			8.7				2.77	.18
B & D	.025	9.7	.20	19.0			9.0				2.50	1.10
Umpire				19.1			8.85	Av.				.13
Less Non-Sulphide				2.64			.18				2.64	.18
Settlement	.020	9.5	.10	16.46	23.4	5.6	8.67	2.2	10.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
NP 46588		Gold 100% @ 22.4640		45			
		Silver 70% @ 90.00		5 91	Based on % Lead	3 45	
		Copper)			Variation from % Lead		
		Lead)		30 88	Labor		
		Zinc		6 72	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight					Concession Credit	50	
Containers							
Wet Weight	135920						
Moisture 0.8%	1088	Total Metal Value		44 04			
Dry Weight	134832	Less Treatment Charge		3 45	Net Treatment Charge	3 45	

Payment for 67.416 Dry Tons @ 40 59 Per Ton 2736 42

			DEDUCTIONS
Freight (Value under $20.00 Per Ton)	67.960	Wet Tons @ $1.94 Per Ton	131 84
Surcharge 1.5%			
Federal Tax 3%			3 96
Handling Charge			
Assay Charge			3 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $2589.62			129 48
Defense Minerals Exploration Administration,			
C/O W. H. Turner, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 276 28

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2460 14

E4

FORM C.O. 17-2 S

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 22 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 357-3PU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-6-55 Sampled 6-11-55 Assayed 6-13-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.9	—	4.7			5.9				.20	.20
B & D	.025	4.1	.20	5.2			6.4				.20	.10
C & N Umpire		3.98		4.90			6.15 Av.					
Less Non-Sulphide				.2			.15				.20	.15
Settlement	.0225	3.98	.10	4.70	44.9	7.7	6.00	6.6	9.0			

CAR NOS.	NET WEIGHT
RG 46882	* 87380
RG 70413	123900
RG 70350	127160
RG 46184	* 90380
RG 45231	* 87120
* 100,000# minimum Weight to be used for freight purposes is 545,060#	
Total Weight	
Containers	
Wet Weight	509940
Moisture 1.3%	6630
Dry Weight	503310

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 65 % @ 90.00	2	33
Copper)		
Lead)	7	48
Zinc	4	48
Total Metal Value	14	80
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % ~~Zinc~~ Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concentrate Credit		90
Net Treatment Charge	3 45	

Payment for 251.655 Dry Tons @ 11 35 Per Ton 2856 26

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	272.530 Wet Tons @ 93¢ Per Ton	253.45
Surcharge 15%		
Federal Tax 3%		7 60
Handling Charge		
Assay Charge		7 00
Umpire Charge		8 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	3½% of $2580.23	90 32
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 366 36

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2489 92

E4

FORM C.O. #7-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 23 1955

Salt Lake City, Utah, JUNE 21, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 35E-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-10-55 Sampled 6-13-55 Assayed 6-14-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.9	—	5.4			6.6				.20	.17
B & D	.025	4.3	.20	6.0			6.7				.10	.10
B & D Umpire		3.98		5.7			6.65 Av.					
Less Non-Sulphide				.15			.14				.15	.14
Settlement	.0225	3.93	.10	5.55	47.2	7.1	6.51	7.0	8.3			

CAR NOS.	NET WEIGHT
UP 62992	110340
UP 66634	107580
UP 60173	103220
UP 63785	100480
UP 66281	95260
Total Weight	
Containers	
Wet Weight	516940
Moisture 1.1%	5636
Dry Weight	511254

METAL VALUES		
Gold 100% @ 22.4643		5
Silver 65% @ 90.00	2 30	
Copper)		
Lead)	9 62	
Zinc	4 30	
Total Metal Value	17 36	
Less Treatment Charge	3 45	

TREATMENT CHARGES	DEBIT	CREDIT
Based on % ~~Lead~~	3 93	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
~~Concentrate Credit~~		50
Net Treatment Charge	3 43	

Payment for 255.627 Dry Tons @ 13 91 Per Ton 3555 77

DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 258.470 Wet Tons @ 01.17 Per Ton	302.43
Surcharge 15%	
Federal Tax 3%	9 07
Handling Charge	
Assay Charge	7 00
Umpire Charge	6 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3231.29	161 56
Defense Minerals Exploration Administration,	
C/O W. N. Traver, Executive Officer,	
DMEA Field Team, Region III	
224 New Customhouse, Denver 2, Colorado	
Total Deductions	486 04
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3069 73

E4

FORM C.O. 87-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 23 1955 Denver, Colorado BUREAU OF MINES

Salt Lake City, Utah, JUNE 21 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 360-GPO Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-11-55 Sampled 6-14-55 Assayed 6-15-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. nil Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.0	—	5.1			5.5				.20	.17
D & D	.025	4.5	.20	5.6			5.8				.10	.10
Bardwell Umpire				5.0			5.65 Av.					
Less Non-Sulphide				.15			.14				.15	.14
Settlement	.0225	4.25	.10	4.95	46.3	7.1	5.52	6.3	9.0			

CAR NOS.	NET WEIGHT
RG 47277	89020
RG 73343	128420
RG 47428	96620
RG 45423	92840
RG 70044	107740
Total Weight	
Containers	
Wet Weight	515500
Moisture 0.8 %	4124
Dry Weight	511376

METAL VALUES		
Gold 100 % @ 22.6643		51
Silver 70 % @ 90.00	2	63
Copper)		
Lead)	8	50
Zinc	4	09
Total Metal Value	15	73
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 255.688 Dry Tons @ 12 33 Per Ton 3152 63

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 257.750 Wet Tons @ $1.17 Per Ton	301	57
Surcharge 15%		
Federal Tax 3%	9	05
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 4½% of $2831.01	127	40
Defense Minerals Exploration Administration, C/O W. M. Trevor, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		
Total Deductions	449	02
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	2703	61

E4

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

RECEIVED
JUN 24 1955

224 New Customhouse
Denver 2, Colorado

June 21, 1955

Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A (Lead-Zinc), Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4732	341-GPU	$204.87	
	344-GPU	199.49	
	345-GPU	152.93	
	346-GPU	176.57	$733.86
4753	347-GPU	138.86	
	348-GPU	77.04	
	349-GPUL	62.49	
	351-GPU	62.50	
	352-GPU	134.46	
	354-GPUL	34.31	
	359-GPUL	47.89	$557.55

W. M. TRAVER,

W. M. Traver

Enclosures
vj

cc: Royalty File E4
S. R. Wilson w/settlement sheets
Sec. Opr. Comm. (2) w/settlement sheets
Royalty Report File
Chron.

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. JUN 17 1955 Bureau of Mines Colorado

Salt Lake City, Utah, JUNE 15, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 341-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-1-55 Sampled 6-6-55 Assayed 6-7-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.7		7.0			7.1				.27	.18
B & D	.025	5.0	.20	7.4			7.8				.15	.10
Umpire				7.4			7.3					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0225	4.85	.10	7.19	46.8	7.1	7.36	8.2	7.2			

CAR NOS.	NET WEIGHT
UP 68503	100800
UP 65920	101560
UP 62311	98720
UP 63228	97440
UP 64651	94460
Total Weight	
Containers	
Wet Weight	492980
Moisture 2.2%	10846
Dry Weight	482134

METAL VALUES		
Gold	100% @ 22.1623	51
Silver	70% @ 90.25	3 06
Copper		
Lead		12 78
Zinc		9 60
Total Metal Value		21 95
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	%	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 241.067 Dry Tons @ 18 50 Per Ton 4459 74

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	246.420 Wet Tons @ $1.40 Per Ton	345.09
Surcharge 15%		
Federal Tax 3%		10 35
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $4097.30	204 87
	Defense Minerals Exploration Administration,	
	C/O W. M. Trevor, Executive Officer,	
	DMEA Field Team, Region III	
	224 Key Customhouse, Denver 2, Colorado	

Total Deductions 567 31

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3892 43

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 17 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah,

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 344-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-3-55 Sampled 6-7-55 Assayed 6-8-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. 29¢ Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.6	—	6.1			6.7				.30	.15
B & D	.025	4.7	.20	6.6			7.3				.30	.15
D & W Umpire				6.5			6.9					
Less Non-Sulphide				.2			.15				.20	.15
Settlement	.0225	4.55	.10	6.3	48.7	6.3	6.75	7.6	7.5			

CAR NOS.	NET WEIGHT
RG 46232	102820
RG 72997	121500
RG 73255	132620
RG 45467	98400
RG 46317	106080
Total Weight	
Containers	
Wet Weight	561620
Moisture 2.4%	13474
Dry Weight	547946

METAL VALUES		
Gold	100 % @ 22.4643	53
Silver	70 % @ 90.00	2 87
Copper	}	
Lead	}	11 05
Zinc		5 10
Total Metal Value		19 53
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~Variable~~	3 05	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 273.973 Dry Tons @ 16 08 Per Ton 4405 49

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	280.730 Wet Tons @ $1.40 Per Ton	392.99
Surcharge 15%		
Federal Tax 3%		11 79
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3989.71 Defense Minerals Exploration Administration, C/O W. M. Trever, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		199 49
Total Deductions		635 27
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3790 22

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah,

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: RIVERA, UTAH

Lot No. 345-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-3-55 Sampled 6-4-55 Assayed 6-8-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 22.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.6	—	5.9			6.6				.20	.15
B & D	.025	4.1	.20	6.3			6.9				.10	.15
C & H Umpire		3.83		6.0			6.75 Av.					
Less Non-Sulphide				.2			.15				.20	.15
Settlement	.020	3.83	.10	5.8	49.1	8.1	6.60	7.3	6.9			

CAR NOS.	NET WEIGHT
UP 62586	100980
UP 63347	100720
UP 64679	83860
UP 64568	94010
UP 65355	95490
Total Weight	
Containers	
Wet Weight	480080
Moisture 2.1%	10082
Dry Weight	469998

METAL VALUES		
Gold 100% @ 22.4643		43
Silver 65% @ 90.00	2	2%
Copper)		
Lead)	10	33
Zinc	4	97
Total Metal Value	17	75
Less Treatment Charge	1	42

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Credits			50
Net Treatment Charge		3 45	

Payment for 234.999 Dry Tons @ 14.31 Per Ton 3362 81

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	240.040 Wet Tons @ 81.17 Per Ton	280.65
Surcharge 15%		
Federal Tax 3%		8 43
Handling Charge		
Assay Charge		7 00
Umpire Charge		8 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3058.56		152 93
Defense Minerals Exploration Administration,		
C/O W. M. Trower, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		457 21
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2905 63

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FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

BMEM Data Record JUN 17 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah,

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 346-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-3-55 Sampled 6-7-55 Assayed 6-8-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. cent Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.10	—	5.6			6.5				.23	.33
B & D	.03	4.30	.20	5.8			7.2				.10	.15
Bardwell Umpire				5.7 Av.			6.8					
Less Non-Sulphide				.17			.14					
Settlement	.025	4.20	.10	5.53	30.6	8.0	6.66	7.0	6.6			

CAR NOS.	NET WEIGHT
RG 70018	127040
RG 71587	110460
RG 45361	89620
RG 70291	125360
RG 45128	93220
Total Weight	
Containers	
Wet Weight	545900
Moisture 1.3%	7096
Dry Weight	538804

METAL VALUES		
Gold	100% @ 22.4643	56
Silver	70% @ 90.00	2 65
Copper	}	
Lead	}	9 56
Zinc		5 02
Total Metal Value		17 82
Less Treatment Charge		3 46

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 269.402 Dry Tons @ 14 37 Per Ton 3871 32

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	272.950 Wet Tons @ $1.17 Per Ton	319.35
Surcharge 15%		
Federal Tax 3%		9 58
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $3531.38	176 57
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	
Total Deductions		516 50
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3354 82

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Date Rec'd
JUN 20 1955

Salt Lake City, Utah, JUNE 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 347-GPU Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 6-6-55 Sampled 6-10-55 Assayed 6-11-55

Metal Quotations—Gold 34.9025 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.5	—	4.8			6.5				.27	.15
B & D	.030	3.9	.20	5.2			7.4				.10	.20
Barnhill Umpire				5.1			6.6					
Less Non-Sulphide				.19			.13				.19	.13
Settlement	.0275	3.7	.10	4.93	16.9	9.6	6.67	7.0	7.2			

CAR NOS.	NET WEIGHT
RG 45355	97960
RG 73364	124300
RG 73324	137320
RG 73695	135020
Total Weight	
Containers	
Wet Weight	494600
Moisture 2.5 %	12366
Dry Weight	482234

METAL VALUES		
Gold 100 % @ 22.6643		62
Silver 65 % @ 90.00	2	16
Copper		
Lead	8	44
Zinc	5	03
Total Metal Value	16	25
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on Straight	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 241.117 Dry Tons @ 12 80 Per Ton 3086 30

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	247.300 Wet Tons @ $1.17 Per Ton	289.34
Surcharge 15%		
Federal Tax 3%		8 68
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $2777.28	138 86
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	
Total Deductions		447 88
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2638 42

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FORM C.O. 77-2 706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMT
Date Rec'd

Salt Lake City, Utah, JUNE 16, 1955

JUN 20 1955
BUREAU OF MINES
Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 348-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-3-55 Sampled 6-9-55 Assayed 6-10-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.6	---	4.6			6.5				.27	.15
B & D	.025	3.8	.20	4.8			6.9				.10	.10
Umpire				4.7 Av.			6.7 Av.					
Less Non-Sulphide				.19			.13				.19	.13
Settlement	.0225	3.7	.10	4.51	51.6	7.6	6.57	7.2	6.9			

CAR NOS.	NET WEIGHT
UP 62295	* 93200
UP 63763	* 92280
UP 63791	* 76000
UP 03251	* 87280
UP 63831	* 91360
*200,000# minimum Weight to be used for freight purposes is 500,000#	
Total Weight	
Containers	
Wet Weight	440120
Moisture 2.0%	8802
Dry Weight	431318

METAL VALUES		
Gold 100% @ 22.4643		51
Silver .65% @ 90.00		2 16
Copper)		
Lead)		7 18
Zinc		4 98
Total Metal Value		14 50
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Leader	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Conversion Credit			50
Net Treatment Charge		3 45	

Payment for 215.659 Dry Tons @ 11 35 Per Ton 2447 73

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	250.000 Wet Tons @ 93¢ Per Ton	232.50
Surcharge 15%		
Federal Tax 3%		6 98
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	3½% of $2201.25	77 04
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 323 52

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2124 21

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 17, 1955

DMEA Date Rec'd. JUN 20 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 319 GPUL Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-6-55 Sampled 6-10-55 Assayed 6-11-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 19.00

BUREAU OF MINES, Denver, Colorado

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	5.0	—	10.9			10.4				3.53	.22
B & D	.025	5.0	.20	11.2			11.4				2.20	.10
Union Umpire				11.05 Av.			10.71				2.30	
Less Non-Sulphide				2.20			.16				2.20	.16
Settlement	.0235	5.0	.10	8.85	21.9	6.6	10.58	9.8	12.1			

CAR NOS.	NET WEIGHT
UP 62674	
Total Weight	
Containers	
Wet Weight	107640
Moisture 0.8%	862
Dry Weight	106778

METAL VALUES			
Gold	100 % @ 22.4643		53
Silver	70 % @ 90.00	3	15
Copper	)		
Lead	)	16	75
Zinc		8	41
Total Metal Value		28	84
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concession Credit~~			50
Net Treatment Charge		3 45	

Payment for 53.389 Dry Tons @ 25 39 Per Ton 1355 55

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	53.820 Wet Tons @ $1.71 Per Ton	92 03
Surcharge 15%		
Federal Tax 3%		2 76
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: ~~5% of $1249.76~~		62 49
~~Defense Minerals Exploration Administration,~~		
~~C/O W. M. Traver, Executive Officer,~~		
~~DMEA Field Team, Region III~~		
~~224 New Customhouse, Denver 2, Colorado~~		
Total Deductions		~~168 28~~
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1187 27

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FORM G.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 16 1955

DMEA Date Rec'd. JUN 20 1955 BUREAU OF MINES Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY,

Shipping Point: EUREKA, UTAH

Lot No. 351-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-3-55 Sampled 6-8-55 Assayed 6-9-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.9	—	6.0			6.7				.30	.15
B & D	.025	4.1	.20	6.3			7.5				.10	.15
D & N Umpire		3.88		6.15	Avg.		7.1					
Less Non-Sulphide				.20			.15				.20	.15
Settlement	.0225	3.90	.10	5.95	49.5	8.9	6.95	7.6	6.3			

CAR NOS.	NET WEIGHT
UP 63576	98720
UP 65156	88940
Total Weight	
Containers	
Wet Weight	187660
Moisture 2.1%	3940
Dry Weight	183720

METAL VALUES		
Gold 10% @ 22.4643		51
Silver 65% @ 90.00		2 23
Copper		
Lead		10 38
Zinc		5 25
Total Metal Value		18 43
Less Treatment Charge		3 45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 91.860 Dry Tons @ 14 98 Per Ton 1376 06

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	93.830 Wet Tons @ $1.17 Per Ton	109.78
Surcharge 15%		
Federal Tax 3%		3 29
Handling Charge		
Assay Charge		7 00
Umpire Charge		6 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $1249.99		62 50
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 188 57

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1187 49

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, JUNE 17 1955

Date Rec'd JUN 20 1955 DEPT. OF MINES Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 352-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 6-6-55 Sampled 6-10-55 Assayed 6-22-55

Metal Quotations—Gold 34.9229 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.7	—	4.7			5.7				.27	.15
H & D	.025	4.1	.20	5.5			6.5				.20	.10
D & H Umpire		3.78		5.3			6.2					
Less Non-Sulphide				.24			.13				.24	.13
Settlement	.020	3.78	.10	5.06	48.10	9.8	6.07	6.4	7.5			

CAR NOS:	NET WEIGHT
RG 45302	* 90080
RG 45245	103130
RG 45175	* 99820
RG 71064	115720
RG 73488	120600
*100,000# minimum Weight to be used for hauling purposes is 542460#	
Total Weight	
Containers	
Wet Weight	532360
Moisture 1.9%	10136
Dry Weight	522246

METAL VALUES		
Gold	10% @ 22.4643	45
Silver	65% @ 90.00	2 21
Copper	}	
Lead	}	8 73
Zinc		4 54
Total Metal Value		15 93
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~Soluble~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 261.123 Dry Tons @ 12 48 Per Ton 3250 82

DEDUCTIONS	
Freight (Value under $5.00 Per Ton) 271.230 Wet Tons @ 93¢ Per Ton	252 24
Surcharge 15%	
Federal Tax 3%	7 57
Handling Charge	
Assay Charge	7 00
Umpire Charge	4 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 4½% of $2988.01	134 46
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	
Total Deductions	405 27
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	2853 55

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FORM S.O. 73-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 20 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 16, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 354-GFUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-6-55 Sampled 6-10-55 Assayed 6-11-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS.	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	8.4	—	5.2			6.1				.27	.20
B & D	.025	8.6	.20	5.5			6.6				.20	.20
Umpire				5.35 Av.			6.35 Av.					
Less Non-Sulphide				.24			.20				.24	.20
Settlement	.020	8.5	.10	5.11	42.9	9.0	6.15	7.8	8.4			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 45218		Gold 100 % @ 22.4643		45					
		Silver 70 % @ 90.00	5	36	Based on ~~XXXXXX~~	3	95		
		Copper }			Variation from % Lead				
		Lead }	8	82	Labor				
		Zinc	4	61	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	99760								
Moisture 1.8 %	1796	Total Metal Value	19	24					
Dry Weight	97964	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 48.982 Dry Tons @ 15 79 Per Ton 773 43

		DEDUCTIONS	
Freight (Value under $10.00 Per Ton)	49.880 Wet Tons @ $1.56 Per Ton	77	81
Surcharge 15%			
Federal Tax 3%		2	33
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $686.29		34	31
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		121	45
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		651	98

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 20 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 399-GPUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 6-8-55 Sampled 6-13-55 Assayed 6-17-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	10.0	—	7.0			5.7				.20	.18
B & D	.025	10.3	.20	7.2			5.5				.10	.10
Umpire				7.3 Av.			5.6 Av.					
Less Non-Sulphide				.15			.14				.15	.14
Settlement	.020	10.15	.10	6.95	13.6	8.4	5.46	8.0	8.4			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 16625		Gold 100 % @ 22.4643		45					
		Silver 20 % @ 90.00	7	31	Based on %Lead	3	95		
		Copper }			Variation from % Lead				
		Lead }	12	29	Labor				
		Zinc	4	05	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	103180								
Moisture 0.9%	928	Total Metal Value	24	10					
Dry Weight	102252	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 51.126 Dry Tons @ 20 65 Per Ton 1055 75

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	51.580 Wet Tons @ $1.71 Per Ton	88.22
Surcharge 15%		
Federal Tax 3%		2 65
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $957.88	47 89
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 145 76

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 909 99

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

Gussmann
Betty

224 New Customhouse
Denver 2, Colorado

June 16, 1955

RECEIVED
JUN 20 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract 1-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4711	335-GPU	$208.05	
	336-GPUL	36.84	
	337-GPU	210.20	
	338-GPU	214.32	
	339-GPU	122.32	
	340-GPU	152.24	
	342-GPUL	8.57	
	343-GPUL	18.18	
	350-GPUL	34.00	$1004.72

W. M. TRAVER,
W. M. Traver

Enclosures

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 9, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 335-UPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-27-55 Sampled 6-3-55 Assayed 6-6-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. CRU Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.50	—	6.4			8.10				.27	.20
B & D	.030	5.70	.20	6.7			8.70				.15	.10
Bardwell Umpire				6.55 Lv.			8.60					
Less Non-Sulphide				.21			.15				.21	.15
Settlement	.0225	5.60	.10	6.34	16.4	7.7	8.45	8.3	6.7			

CAR NOS.	NET WEIGHT
UP 65689	102100
UP 64666	103020
UP 64609	107380
UP 64643	103700
UP 62462	96420

METAL VALUES		
Gold 100 % @ 22.4563		51
Silver 70 % @ 90.50	3	55
Copper		
Lead	11	13
Zinc	6	53
Total Metal Value	21	72
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on [illegible]	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		20		
Net Treatment Charge	3	45		

Total Weight	
Containers	
Wet Weight	512620
Moisture 2.2 %	11278
Dry Weight	501342

Payment for 250.671 Dry Tons @ 18 27 Per Ton 4979 76

		DEDUCTIONS	
Freight (Value under $10.00 Per Ton)	256.310 Wet Tons @ $1.56 Per Ton	399	84
Surcharge 15%			
Federal Tax 3%		12	00
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty 5% of $4160.92		208	05
Defense Minerals Exploration Administration,			
C/O W. H. Tawney, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 626 89

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3952 87

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.

Salt Lake City, Utah, JUNE 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 COLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH Bureau of Mines Denver, Colorado

Lot No. 996-4F06 Product ORES Mine CHIEF NO. 1 Gold License No.

Sampled by MOVALE Received 5-27-55 Sampled 6-2-55 Assayed 6-3-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.8	—	6.7			8.0				1.60	.22
B & D	.055	5.1	.20	6.6			8.7				1.60	.10
Union Umpire				6.65 Av.			8.95					
Less Non-Sulphide				1.70			.16				1.70	.16
Settlement	.0475	4.95	.10	4.95	29.9	6.4	8.39	5.0	11.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
UP 65724		Gold 100 % @ 22.4643	1	07			
		Silver 70 % @ 90.50	3	14	Based on % Lead	3 93	
		Copper)			Variation from % Lead		
		Lead)	8	03	Labor		
		Zinc	6	48	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight					Compression Chg. 233	50	
Containers							
Wet Weight	104780						
Moisture 2.8%	2934	Total Metal Value	19	54			
Dry Weight	101846	Less Treatment Charge	3	45	Net Treatment Charge	3 43	

Payment for 50.923 Dry Tons @ 16 09 Per Ton 819 39

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	52.350 Wet Tons @ 1.40 Per Ton	73.35
Surcharge 15%		
Federal Tax 3%		2 20
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $736.50	36 84
	Defense Minerals Exploration Administration,	
	C/O W. H. Tyler, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 119 39

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 699 56

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 15 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 625 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: MILFORD, UTAH

Lot No. 337-OFU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-27-55 Sampled 6-3-55 Assayed 6-3-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.5	—	6.1			7.5				.30	.20
D & D	.025	5.7	.20	6.2			8.2				.25	.20
D & M Umpire				6.15 Av.			8.1					
Less Non-Sulphide				.29			.2				.29	.20
Settlement	.020	5.6	.10	5.86	19.0	7.2	7.9	7.7	6.4			

CAR NOS.	NET WEIGHT
RG 71450	135480
RG 66657	101640
RG 45377	100960
RG 45200	107140
RG 70344	116640
Total Weight	
Containers	
Wet Weight	564960
Moisture 2.9 %	16380
Dry Weight	548580

METAL VALUES		
Gold	100 % @ 22.4643	45
Silver	70 % @ 90.90	3 55
Copper		
Lead		10 23
Zinc		6 06
Total Metal Value		20 29
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Zinc	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 274.240 Dry Tons @ 16 84 Per Ton 4618 20

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 282.430 Wet Tons @ $1.40 Per Ton	395	40
Surcharge 15%		
Federal Tax 3%	11	86
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4208.96	210	20
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224, New Customhouse, Denver 2, Colorado		
Total Deductions	624	46
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3993	74

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FORM C.O. 77-2 S

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 25 1955
DUPLICATE MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 338-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MUNYAN Received 5-30-55 Sampled 6-4-55 Assayed 6-6-55
Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. .08 Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.3	—	6.2			6.7				.27	.17
B & D	.025	5.7	.20	6.4			7.2				.20	.10
Umpire				6.3 Av.			6.95 Av.					
Less Non-Sulphide				.24			.14				.24	.14
Settlement	.0225	5.5	.10	6.06	50.7	7.6	6.81	7.4	7.2			

CAR NOS.	NET WEIGHT
RG 73148	119220
RG 72382	125520
RG 72900	138840
RG 45056	90380
RG 72674	122800
Total Weight	
Containers	
Wet Weight	596760
Moisture 2.7%	16112
Dry Weight	580648

METAL VALUES		
Gold 100 % @ 32.4643		52
Silver 70 % @ 90.25	3	47
Copper)		
Lead)	10	60
Zinc	5	24
Total Metal Value	19	72
Less Treatment Charge	3	46

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 290.324 Dry Tons @ 16 27 Per Ton 4723 57

DEDUCTIONS	
Freight (Value under $8.00 Per Ton) 298.380 Wet Tons @ $1.40 Per Ton	417 73
Surcharge 15%	
Federal Tax 3%	12 53
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $4286.31	214 32
Defense Minerals Exploration Administration,	
C/O W. M. Traver, Executive Officer,	
DMEA Field Team, Region III	
224 Post Customhouse, Denver 2, Colorado	
Total Deductions	651 58
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	4071 99

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 15 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 10, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 600 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 339-GPU | Product: CRUDE | Mine: CHIEF NO. 1 | Gold License No.:

Sampled by: MIDVALE | Received: 6-30-55 | Sampled: 6-2-55 | Assayed:

Metal Quotations—Gold: 34.0125 | Silver: 90.00 | Copper, N. Y.: [illegible] | Lead, N. Y.: [illegible] | Zinc: 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.8	—	5.1			6.0				.30	.20
B & D	.025	4.1	.20	5.4			6.5				.20	.15
C & N Umpire		3.98		5.23 Av.			6.23 Av.					
Less Non-Sulphide				.35			.10				.25	.10
Settlement	.0225	3.98	.20	5.00	47.2	7.5	6.07	6.0	0.2			

CAR NOS.	NET WEIGHT
UP 66037	97060
UP 64129	100140
UP 64337	96060
UP 65737	98200
UP 64160	100020
Total Weight	
Containers	
Wet Weight	492280
Moisture 2.5 %	12360
Dry Weight	480000

METAL VALUES		
Gold 100 % @ 34.0125		34
Silver 65 % @ 90.00	2	34
Copper		
Lead	6	62
Zinc	6	34
Total Metal Value	36	02
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Conservation Credit			50
Net Treatment Charge		3 45	

Payment for 240.000 Dry Tons @ 32 56 Per Ton 7827 09

DEDUCTIONS	
Freight (Value under $6.00 Per Ton) 242.280 Wet Tons @ 1.07 Per Ton	259 21
Surcharge 15%	
Federal Tax 3%	
Handling Charge	0 63
Assay Charge	
Umpire Charge	7 00
Watching Charge	4 00
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 4% of 8218.30	322 32
Defense Minerals Exploration Administration,	
C/O W. M. Tracy, Executive Officer,	
DMEA Field Team, Region III	
224 New Customhouse, Denver 2, Colorado	
Total Deductions	631 21
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	2593 88

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 15 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 340-GPC Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by HUDAIE Received 5-31-55 Sampled 6-6-55 Assayed 6-6-55
Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. cxd Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.7	—	5.0			6.2				.39	.18
B & D	.025	5.1	.20	5.4			6.6				.15	.13
Bardwell Umpire				5.0			6.4 Av.					
Less Non-Sulphide				.23			.17				.23	.27
Settlement	.0225	4.9	.10	4.77	99.6	6.2	6.23	7.0	7.6			

CAR NOS.	NET WEIGHT
RG 71105	132040
RG 46130	101180
RG 73300	130440
RG 70694	131690
RG 71169	125120
Total Weight	
Containers	
Wet Weight	621260
Moisture 2.4 %	14910
Dry Weight	606350

METAL VALUES		
Gold 100 % @ 22.4625		51
Silver 70 % @ 90.25	3	10
Copper		
Lead	7	60
Zinc	4	67
Total Metal Value	15	88
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 306.175 Dry Tons @ 12 43 Per Ton 3766 47

		DEDUCTIONS	
Freight (Value under 86.50 Per Ton) 310.630 Wet Tons @ 01.27 Per Ton		393	44
Surcharge 15%			
Federal Tax 3%		10	90
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 4% of $3369.13		152	24
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		537	58
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3230	89

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 1, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY
Pay: CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY
Shipping Point: EUREKA, UTAH

Lot No. 342-6FTR. Product: CRUDE Mine: CHIEF NO. 1 Gold License No.
Sampled by: MUNTAIS Received: 5-30-53 Sampled: 6-4-53 Assayed: 6-6-53
Metal Quotations—Gold: 34.9125 Silver: 90.25 Copper, N. Y.: Lead, N. Y.: 15.00 Zinc: 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	2.9	—	3.1			6.8				.30	.18
B & D	.025	3.3	.20	3.4			7.2				.15	.10
Umpire				3.23 Av.			7.0 Av.					
Less Non-Sulphide				.23			.14				.23	.14
Settlement	.0175	3.1	.10	3.02	39.6	5.5	6.86	6.3	12.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
RG 70032		Gold 100% @ 22.4643		39				
		Silver 65% @ 90.25		1 82	Based on	% Smelter	3 84	
		Copper			Variation from	% Lead		
		Lead		4 56	Labor			
		Zinc		5 10	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					Concession Credit		50	
Containers								
Wet Weight	150920							
Moisture 2.1%	3170	Total Metal Value		12 24				
Dry Weight	147750	Less Treatment Charge		3 85	Net Treatment Charge		3 45	

Payment for 73.875 Dry Tons @ 8 85 Per Ton 650 84

			DEDUCTIONS
Freight (Value under $5.00 Per Ton)	75.460 Wet Tons @	934 Per Ton	70 18
Surcharge 15%			
Federal Tax 3%			2 11
Handling Charge			
Assay Charge			7 00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1-1/25 of $971.55			$ 37
Defense Minerals Exploration Administration,			
C/O W. M. Trever, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions			97 93
Amount Withheld Pending Receipt of Silver Affidavit			
		Net Payment	562 90

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FORM C.O. 77-2

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 15 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 15 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 602 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 343-CPM Product CPM Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-27-55 Sampled 6-4-55 Assayed 6-6-55
Metal Quotations—Gold 34.9123 Silver 90.35 Copper, N. Y. [illegible] Lead, N. Y. 16.00 Zinc 13.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	6.4	—	3.5			6.0				.21	.22
B & D	.025	6.7	.20	3.7			7.2				.20	.20
Umpire				3.6 Avg			7.0 Avg					
Less Non-Sulphide				.24			.22				.24	.21
Settlement	.0173	6.55	.20	3.36	13.6	7.5	6.79	6.7	10.2			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
BO 16473		Gold 100 % @ 34.9123	34 91			
		Silver 70 % @ 90.35	4 22	Based on % Lead	3 05	
		Copper		Variation from % Lead		
		Lead	3 40	Labor		
		Zinc	5 12	Insoluble		
				Zinc, excess over %		
				Sul., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Concentration Credit		30
Containers						
Wet Weight	104500					
Moisture 2.9 %	3032	Total Metal Value	13 65			
Dry Weight	101468	Less Treatment Charge	3 05	Net Treatment Charge	2 75	

Payment for 50.734 Dry Tons @ 12 25 Per Ton 599 49

		DEDUCTIONS
Freight (Value under 96.00 Per Ton)	52.300 Wet Tons @ 32.73 Per Ton	61 10
Surcharge 15%		
Federal Tax 3%		1 83
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3% of $599.49		18 00
Defense Minerals Exploration Administration,		
C/O W. M. Travis, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		88 20
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		501 29

EX

FORM C.O. 77-2

708

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 15 1955

Salt Lake City, Utah, JUNE 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 350-GPUL Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 5-31-55 Sampled 6-4-55 Assayed 6-6-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.012	6.6	—	3.7			7.2				.27	.23
B & D	.025	6.9	.20	4.0			7.5				.20	.20
Umpire				3.65 Av.			7.35 Av.					
Less Non-Sulphide				.24			.22				.24	.22
Settlement	.0185	6.75	.10	3.61	43.3	8.0	7.23	7.6	9.3			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
RG 71063		Gold 100% @ 22.4643		42			
		Silver 70% @ 90.25	4	26	Based on 20% Zinc	3 99	
		Copper }			Variation from % Lead		
		Lead }	5	79	Labor		
		Zinc	5	42	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight					Concession Credit	50	
Containers							
Wet Weight	139760						
Moisture 2.6%	3634	Total Metal Value	15	89			
Dry Weight	136126	Less Treatment Charge	3	45	Net Treatment Charge	3 49	

Payment for 68.063 Dry Tons @ 12 44 Per Ton 846 70

		DEDUCTIONS
Freight (Value under $6.90 Per Ton)	69.300 Wet Tons @ $1.17 Per Ton	81 76
Surcharge 15%		
Federal Tax 3%		2 45
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 4½% of $755.49		34 00
Defense Minerals Exploration Administration,		
C/O W. H. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 125 21

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 721 49

E4

X

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

RECEIVED
JUN 20 1955

224 New Customhouse
Denver 2, Colorado

June 14, 1955

Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract 1-CMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company under Lots Nos. 328-GPU and 334-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shipments. 19553

W. M. TRAVER

W. M. Traver

Enclosures

FORM CO 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 13 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, JUNE 9, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 328-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-27-55 Sampled 5-31-55 Assayed 6-1-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	3.5	—	4.0			5.2				.40	.18
B & D	.025	3.9	.20	4.4			6.0				.30	.10
Umpire				4.2			5.4					
Less Non-Sulphide				.33			.14				.35	.14
Settlement	.021	3.7	.10	3.83	44.6	5.1	5.28	6.3	10.5			

CAR NOS.	NET WEIGHT
NG 72938	137640
NG 46011	100600
NG 70573	121980
NG 45113	107960
NG 71562	157980
Total Weight	
Containers	
Wet Weight	626160
Moisture 2.2%	13776
Dry Weight	612384

METAL VALUES		
Gold 100 % @ 22.4543		47
Silver 65 % @ 90.50		2 18
Copper }		
Lead }		6 17
Zinc		3 89
Total Metal Value		12 71
Less Treatment Charge		3 45

TREATMENT CHARGES	DEBIT	CREDIT
Based on ~~% Zinc~~ % Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit	50	
Net Treatment Charge	3 45	

Payment for 306.192 Dry Tons @ 9 26 Per Ton 2835 34

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	313.000 Wet Tons @ 93¢ Per Ton	291.16
Surcharge 15%		
Federal Tax 3%		8 73
Handling Charge		
Assay Charge		7 00
Umpire Charge		6 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 1½% of $2522.45		37 84
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 350 73

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2484 61

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 13 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, June 9, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 334-CFU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-28-55 Sampled 6-2-55 Assayed 6-9-55

Metal Quotations—Gold 34.0125 Silver 90.50 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.4	—	5.6			6.7				.27	.22
B & D	.025	5.9	.20	5.5			6.7				.20	.20
Umpire				5.55 Av.			6.7 Av.					
Less Non-Sulphide				.24			.21				.24	.21
Settlement	.0225	5.65	.10	5.33	5.3	7.1	6.49	6.9	6.3			

CAR NOS.	NET WEIGHT
UP 65017	110160
UP 62633	97140
UP 66070	92540
UP 62728	92860
UP 63473	95260
Total Weight	
Containers	
Wet Weight	458000
Moisture 2.2%	10736
Dry Weight	447264

METAL VALUES		
Gold 100 % @ 22.4513		57
Silver 70 % @ 90.50	3	58
Copper }		
Lead }	9	39
Zinc	4	63
Total Metal Value	18	17
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concession Credit~~			50
Net Treatment Charge		3 45	

Payment for 235.632 Dry Tons @ 14.72 Per Ton 3512 66

DEDUCTIONS	
Freight (Value under $18.00 Per Ton) 244.000 Wet Tons @ $2.40 Per Ton	322 60
Surcharge 15%	
Federal Tax 3%	10 25
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3153.61 Defense Minerals Exploration Administration, C/O H. H. Trotter, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	157 69
Total Deductions	516 54
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	2996 12

E4

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

RECEIVED
JUN 15 1955

224 New Customhouse
Denver 2, Colorado

June 13, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4544	330-GPUL	$ 78.58	
	326-GPUL	56.41	
	323-GPU	218.04	
	327-GPUL	19.22	$372.25
4607	325-GPU	$179.18	
	329-GPU	155.97	
	331-GPU	288.10	
	332-GPUL	60.26	
	333-GPUL	33.14	$716.65

W. M. TRAVER

W. M. Traver

Enclosures

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 6 1955 BUREAU OF MINES Denver Colorado

706

Salt Lake City, Utah, JUNE 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 323-GPO Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-23-55 Sampled 5-25-55 Assayed

Metal Quotations—Gold 34.9125 Silver 90.29 Copper, N. Y. Lead, N. Y. 13.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	—	5.8			6.6				.30	.16
B & D	.025	5.3	.20	6.2			7.0				.15	.20
Umpire				6.3			6.8 Av.					
Less Non-Sulphide				.23			.19				.23	.29
Settlement	.0225	5.15	.10	5.97	40.0	6.7	6.62	7.6	6.8			

CAR NOS.	NET WEIGHT
RG 71261	145400
RG 71645	175620
RG 72620	121140
RG 70252	132280
RG 45249	86280
Total Weight	
Containers	
Wet Weight	620720
Moisture % 1.3	8070
Dry Weight	612650

METAL VALUES		
Gold	% @	
Silver 100	% @ 22.4643	51
Copper 70	90.29	3 25
Lead }		
Zinc }		10 19
		6 98
Total Metal Value		
Less Treatment Charge		19 17
		3 85

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	25.25% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Credit		50	
Net Treatment Charge		3 45	

Payment for 306.325 Dry Tons @ 15 72 Per Ton 4815 43

				DEDUCTIONS
Freight (Value under $8.00 Per Ton)		310.360 Wet Tons @	$1.40 Per Ton	434.50
Surcharge 15%				
Federal Tax 3%				
Handling Charge				13 04
Assay Charge				
Umpire Charge				7.00
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty:				
5% of $4360.89				218 04
Defense Minerals Exploration Administration,				
C/O W. N. Denver, Executive Officer,				
DMEA Field Team, Region III				
224 New Customhouse, Denver 2, Colorado				
Total Deductions				672 58
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment				4142.85

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 325-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-27-55 Sampled 6-1-55 Assayed 6-2-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. ~~.24~~ Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.1	—	6.1			7.7				.27	.10
B & D	.025	5.5	.20	6.2			7.8				.25	.10
Umpire				6.15 Av.			7.75 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	5.3	.10	5.94	49.6	8.2	7.61	8.4	6.6			

CAR NOS.	NET WEIGHT
UP 63242	94580
UP 63025	93220
UP 66139	97440
UP 65151	103980
UP 65504	88520

METAL VALUES			
Gold	100 % @ 22.4643		56
Silver	70 % @ 90.50	3	36
Copper			
Lead		10	36
Zinc		5	82
Total Metal Value		20	09
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~Concession Credit~~			50		
Net Treatment Charge		3	45		

Total Weight
Containers
Wet Weight 477740
Moisture 1.0 % 4778
Dry Weight 472962

Payment for 236.481 Dry Tons @ 16 64 Per Ton 3935 06

DEDUCTIONS	
Freight (Value under $8.00 Per Ton) 238.870 Wet Tons @ $1.40 Per Ton	334 42
Surcharge 15%	
Federal Tax 3%	10 03
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3583.59	179 18
Defense Minerals Exploration Administration,	
C/O W. M. Traver, Executive Officer,	
DMEA Field Team, Region III	
224 New Customhouse, Denver 2, Colorado	
Total Deductions	530 63
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3404 43

DMEA
Date Rec'd
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd JUN 29 1955

706

Salt Lake City, Utah, JUNE 29, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES Denver, Colorado 6 1955

Lot No. 326-GPUL Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 5-23-55 Sampled 5-26-55 Assayed 6-27-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. — Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	10.8	—	7.0			8.0				.33	.21
B & D	.025	11.1	.20	7.6			8.6				.10	.20
C & N Umpire				6.8			8.15					
Less Non-Sulphide				.22			.21				.22	.21
Settlement	.020	10.95	.10	6.78	16.7	7.0	7.94	8.3	6.6			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
BG 47032		Gold 100 % @22.1643	15			
		Silver 83 % @90.25	7 93	Based on % Lead		
		Copper }		Variation from % Lead	3 95	
		Lead }	11 98	Labor		
		Zinc	6 10	Insoluble		
				Zinc, excess over %		
				Sil., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Concession Credit	90	
Containers						
Wet Weight	108520					
Moisture 0.7 %	760	Total Metal Value	26 14			
Dry Weight	107760	Less Treatment Charge	3 15	Net Treatment Charge	3 45	

Payment for 53.880 Dry Tons @ 22 99 Per Ton 1238 70

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	54.260 Wet Tons @ 1.72 Per Ton	92.78
Surcharge 15%		
Federal Tax 3%		2 78
Handling Charge		
Assay Charge		7 00
Umpire Charge		8 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 2 of $1128.14 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 Fed Customhouse, Denver 2, Colorado		56 41

Total Deductions 166 97

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1072 73

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 6 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, June 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 327-OPOL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-23-55 Sampled 5-25-55 Assayed 5-26-55
Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. [illegible] Lead, N. Y. 16.00 Zinc 18.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.032	3.20	—	3.5			8.8				.30	.18
B & D	.025	3.70	.20	4.7			9.0				.20	.20
D. & N. Umpire				4.2			8.80					
Less Non-Sulphide				.25			.19				.25	.19
Settlement	.0185	3.50	.20	3.85	42.0	4.0	8.62	7.2	9.8			

CAR NOS.	NET WEIGHT
UP 66518	
Total Weight	
Containers	
Wet Weight	105900
Moisture 0.9 %	954
Dry Weight	104946

METAL VALUES		
Gold	100 % @ 22.4643	42
Silver	65 % @ 90.25	2 05
Copper		
Lead		6 16
Zinc		6 67
Total Metal Value		15 30
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentrate Credit~~			50
Net Treatment Charge		3 45	

Payment for 52.473 Dry Tons @ 11 85 Per Ton 621 81

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	52.950 Wet Tons @ $1.27 Per Ton	62 95
Surcharge 15%		
Federal Tax 3%		1 56
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3½ of $549.00		19 22
~~Defense Minerals Exploration Administration,~~		
~~C/O W. M. Traver, Executive Officer,~~		
~~DMEA Field Team, Region III~~		
~~224 New Customhouse, Denver 2, Colorado~~		

Total Deductions 92 03

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 529 78

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 329-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-25-55 Sampled 5-27-55 Assayed 5-31-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	5.30	—	4.90			6.2				.27	.15
B & D	.025	5.50	.20	5.40			6.6				.10	.10
Union Umpire				5.00			6.4 Av.					
Less Non-Sulphide				.19			.13				.19	.13
Settlement	.021	5.40	.10	4.87	51.3	6.8	6.27	7.7	4.6			

JUN 7 1955 RECEIVED

CAR NOS.	NET WEIGHT
RG 72114	135440
RG 47480	101560
RG 71668	122040
RG 47227	103820
RG 47487	86180
Total Weight	
Containers	
Wet Weight	549040
Moisture 1.5 %	8236
Dry Weight	540804

METAL VALUES		
Gold 100 % @ 22.4643		47
Silver 70 % @ 90.50	3	42
Copper }		
Lead }	7	66
Zinc	4	70
Total Metal Value	16	25
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 270.402 Dry Tons @ 12 80 Per Ton 3461 15

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	274.520 Wet Tons @ $1.17 Per Ton	321.19
Surcharge 15%		
Federal Tax 3%		9 64
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3119.32 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		155 97

DMEA
Date Rec'd.
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 497 80

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2963 35

FORM C.O. 77:2

708

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. JUN 6 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, JUNE 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

Lot No. 330-GFUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-23-55 Sampled 5-26-55 Assayed 5-27-55
Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	10.2	—	7.4			9.3				.30	.21
B & D	.025	10.3	.20	7.9			9.8				.10	.20
Barchell Umpire				8.0			9.55 Av.					
Less Non-Sulphide				.2			.21				.20	.21
Settlement	.021	10.25	.10	7.7	45.4	8.6	9.34	9.0	5.9			

CAR NOS.	NET WEIGHT
NG 72697	
Total Weight	
Containers	
Wet Weight	133220
Moisture 0.2 %	266
Dry Weight	132954

METAL VALUES		
Gold 100 % @ 22.4643		47
Silver 80 % @ 90.25	7	20
Copper		
Lead	13	73
Zinc	7	31
Total Metal Value	28	96
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 3% Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 66.477 Dry Tons @ 25 51 Per Ton 1695 03

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	66.610 Wet Tons @ $1.71 Per Ton	113.90	
Surcharge 15%			
Federal Tax 3%		3	42
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1571.51	78	58
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions		202	50
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		1492	93

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 331-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-25-55 Sampled 6-1-55 Assayed 6-2-55

Metal Quotations—Gold 34.9125 Silver 90.50 Copper, N. Y. Lead, N. Y. 16.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.0	—	7.5			7.8				.27	.18
B & D	.03	6.5	.20	7.4			8.0				.15	.10
Umpire				7.43 Av.			7.9 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	6.25	.10	7.24	15.6	7.0	7.76	8.5	6.7			

CAR NOS.	NET WEIGHT
RG 46944	211720
RG 70516	139840
RG 70137	127880
RG 72969	129260
RG 72986	142840
Total Weight	
Containers	
Wet Weight	641540
Moisture 1.5 %	9621
Dry Weight	631919

METAL VALUES		
Gold 100 % @ 22.1643		56
Silver 70 % @ 90.50	3	96
Copper		
Lead	12	60
Zinc	3	94
Total Metal Value	23	24
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 315.958 Dry Tons @ 19 89 Per Ton 6281 40

DEDUCTIONS	
Freight (Value under $10.00 Per Ton) 320.770 Wet Tons @ 1.56 Per Ton	500 40
Surcharge 15%	
Federal Tax 3%	15 01
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $5761.99	288 10
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	
Total Deductions	810 51
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	5473 89

DMEA
Date Rec'd.
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

MINE RECEIVED

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 332-APOL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-26-55 Sampled 5-27-55 Assayed 5-31-55
Metal Quotations—Gold 34.9123 Silver 90.50 Copper, N. Y. ---- Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	10.8	---	6.6			9.0				.27	.16
B & D	.025	11.1	.20	7.3			9.7				.20	.20
D & N Umpire				7.0			9.4					
Less Non-Sulphide				.24			.19				.24	.19
Settlement	.021	10.95	.10	6.76	6.7	6.0	9.21	6.6	6.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
HG 46563		Gold 100% @ 22.8643		47					
		Silver 80% @ 90.50	7	93	Based on % Lead	3	95		
		Copper			Variation from % Lead				
		Lead	11	95	Labor				
		Zinc	7	17	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	110240								
Moisture 1.4%	1544	Total Metal Value	27	54					
Dry Weight	108696	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 54.348 Dry Tons @ 24 09 Per Ton 1309 24

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	55.120 Wet Tons @ $1.71 Per Ton	94	26
Surcharge 15%			
Federal Tax 3%		2	83
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1205.15		60	26
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions			164 35
Amount Withheld Pending Receipt of Silver Affidavit			
	Net Payment		1144 89

DMEA
Date Rec'd.
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JUNE 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 333-GPUL Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-27-55 Sampled 6-1-55 Assayed 6-2-55
Metal Quotations—Gold 34.9325 Silver 90.50 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.0	[illegible]	4.4			8.9				.27	.20
B & D	.025	4.5	.20	4.6			9.3				.30	.25
Umpire				4.6 Av.			9.3 Av.					
Less Non-Sulphide				.29			.23				.29	.23
Settlement	.020	4.25	.20	4.32	15.2	5.0	8.87	7.4	8.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
UP 63913		Gold 100 % @ 22.1643		45			
		Silver 70 % @ 90.50	2	69	Based on % Lead	3 95	
		Copper			Variation from % Lead		
		Lead			Labor		
		Zinc	6	57	Insoluble		
			6	90	Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight							
Containers					Concession Credit	50	
Wet Weight	114030						
Moisture 1.6 %	1826	Total Metal Value	16	61			
Dry Weight	112204	Less Treatment Charge	3	85	Net Treatment Charge	3 45	

Payment for 56.127 Dry Tons @ 13 16 Per Ton 738 63

		DEDUCTIONS
Freight (Value under $66.50 Per Ton)	57.040 Wet Tons @ $2.17 Per Ton	
Surcharge 15%		65 74
Federal Tax 3%		
Handling Charge		2 00
Assay Charge		
Umpire Charge		7 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $662.89 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		33 14
Total Deductions		108 88
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		629 75

DMEA
Date Rec'd.
JUN 9 1955
BUREAU OF MINES
Denver, Colorado

RECEIVED JUN 1 1955

EA

RECEIVED
JUN 15 1955

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

RECEIVED
JUN - 9 1955

224 New Customhouse
Denver 2, Colorado

June 6, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4375	304-GPU	$157.71	
	305-GPU-L	53.28	$210.99
4385	302-GPU	232.20	
	303-GPU	184.02	
	308-GPU-L	63.89	
	310-GPU-L	63.13	543.24
4441	312-GPU	204.11	
	314-GPU	180.90	
	311-GPU-L	120.54	
	316-GPU-L	74.37	579.92
4481	315-GPU	148 52	
	317-GPU-L	34.73	
	318-GPU	188.80	
	319-GPU	200.80	
	321-GPU	174.52	
	322-GPU-L	63.53	810.90
4496	320-GPU	182.88	
	324-GPU	237.96	420.84

W. M. TRAVER

W. M. Traver

Enclosures

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

RECEIVED
JUN - 9 1955

DMEA
Date Rec'd.
MAY 23 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 23 1955

Purchased From [illegible]
Pay [illegible]
Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	—	[illegible]			[illegible]				[illegible]	[illegible]
D. O. D.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Barrell Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
RG [illegible]	[illegible]
RG [illegible]	[illegible]
RG [illegible]	[illegible]
RG [illegible]	[illegible]
RG [illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture 1.2%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	[illegible]% @ [illegible]	[illegible]
Silver	[illegible]% @ [illegible]	[illegible]
Copper		
Lead		[illegible]
Zinc		[illegible]
Total Metal Value		[illegible]
Less Treatment Charge		[illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	[illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
[illegible]		[illegible]	
Net Treatment Charge		[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		[illegible]
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	[illegible]	[illegible]
	[illegible]	
	[illegible]	
	[illegible]	
	[illegible]	
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 23 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DALY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 503-420 Product CRUDE Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received 5-23-55 Sampled 5-14-55 Assayed 5-16-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 13.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.8	.20	5.7			6.2				.30	.17
B & D	.025	5.3	.20	5.9			6.0				.25	.20
Union Umpire				5.8 2w.			6.62					
Less Non-Sulphide				.23			.39				.23	.19
Settlement	.0225	5.05	.10	5.57	17.2	6.3	5.46	6.0	0.0			

CAR NOS.	NET WEIGHT
RG 47370	95540
RG 72067	127220
RG 73375	109440
RG 73803	131400
RG 45840	96260
Total Weight	
Containers	
Wet Weight	559960
Moisture 1.0 %	5600
Dry Weight	554360

METAL VALUES		
Gold 100 % @ 34.1613		51
Silver 90 % @ 90.00	3	38
Copper		
Lead	9	63
Zinc	4	02
Total Metal Value	18	02
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concentration Charges	50	500
Net Treatment Charge	3 45	

Payment for 277.180 Dry Tons @ 14 76 Per Ton 4091 18

		DEDUCTIONS
Freight (Value under $6.00 Per Ton)	279.960 Wet Tons @ $1.40 Per Ton	391 57
Surcharge 15%		
Federal Tax 3%		11 76
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3680.45		184 00
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region IX		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 594 73

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3496 43

FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 23 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, [illegible] SALT LAKE CITY, UTAH

Shipping Point: [illegible]

Lot No. 304-[illegible] Product [illegible] Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.9125 Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.9	—	5.7			8.0				.09	.18
B & D	.025	5.1	.09	5.9			6.4				.09	.20
Umpire				5.2 Ar.			6.2 Ar.					
Less Non-Sulphide				.25			.14				.25	.14
Settlement	.025	5.0	.09	5.25	50.7	5.3	6.04	7.0	2.6			

CAR NOS.	NET WEIGHT
UP 64384	102120
UP 62050	94500
UP 65663	92520
UP 63691	104660
UP 66659	90240
Total Weight	
Containers	
Wet Weight	484040
Moisture 1.2%	5808
Dry Weight	478232

METAL VALUES		
Gold	[illegible] % @ 22.6613	56
Silver	[illegible] % @ 90.00	3 15
Copper		
Lead		9 65
Zinc		4 53
Total Metal Value		17 69
Less Treatment Charge		3 15

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 65	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentrator Credits			50
Net Treatment Charge		3 15	

Payment for 239.116 Dry Tons @ 14.44 Per Ton 3452 84

DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 212.026 Wet Tons @ $1.75 Per Ton	372 36
Surcharge 15%	
Federal Tax 3%	8 49
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3154.19	157 72
Defense Minerals Exploration Administration,	
C/O W. M. Traver, Exploration Officer,	
DMEA Field Team, Region III,	
224 New Customhouse, Denver 2, Colorado	

Total Deductions 556 36

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2896 48

FORM C.O. 77-2 ®

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 23 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by MIDVALE Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.9125 Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.5	—	5.0			9.0				.30	.23
D	.025	4.7	.20	5.5			9.6				.10	.10
X Umpire				5.4			9.5					
Less Non-Sulphide				.2			.17				.20	.17
Settlement	.020	4.6	.20	5.2	27.4	6.8	9.33	7.2	7.1			

CAR NOS.	NET WEIGHT
71925	
Total Weight	
Containers	
Wet Weight	146840
Moisture 0.8 %	1174
Dry Weight	145666

METAL VALUES		
Gold [illegible] % @ 27.4603		15
Silver [illegible] % @ 90.00	2	90
Copper		
Lead	8	35
Zinc	7	30
Total Metal Value	19	63
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	[illegible] % Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 72.833 Dry Tons @ 15 38 Per Ton 1178 44

		DEDUCTIONS	
Freight (Value under $6.00 Per Ton)	73.420 Wet Tons @ $3.40 Per Ton	102	79
Surcharge 15%			
Federal Tax 3%		3	06
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1065.57	53	28
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region [illegible],		
	274 New Customhouse, Denver 2, Colorado.		
Total Deductions			166 15
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			1012 29

FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 23 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. 308-GPUL Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by MIDVALE Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.9125 Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.094	4.8	[illegible]	[illegible]			[illegible]				[illegible]	.13
B & D	.090	5.1	[illegible]	[illegible]			[illegible]				[illegible]	.25
Bardwell Umpire				[illegible]			[illegible]				.60	
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	.22
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
RO 73315	
Total Weight	
Containers	
Wet Weight	146520
Moisture 1.6 %	2344
Dry Weight	144176

METAL VALUES		
Gold [illegible] % @ 22.1613		[illegible]
Silver [illegible] % @ 90.00	3	12
Copper		
Lead	30	60
Zinc	2	50
Total Metal Value	22	[illegible]
Less Treatment Charge	3	15

TREATMENT CHARGES		DEBIT		CREDIT	
Based on % Lead		3	05		
Variation from % Lead					
Labor					
Insoluble					
Zinc, excess over %					
Sul., excess over %					
As., excess over %					
Iron					
Lime					
Concentration Credit			80		
Net Treatment Charge		3	15		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under $20.00 Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	114	09
Surcharge 15%			
Federal Tax 3%		3	43
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1277.72	63	90
	Defense Minerals Exploration Administration,		
	C/O U. M. Treasury, Minerals Office,		
	DMEA Mold Team, Region III		
	224 Wm Customhouse, Denver 2, Colorado		

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 23 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, [illegible]

Shipping Point: [illegible]

Lot No. 310-GPOL Product [illegible] Mine CHIEF NO. 1 Gold License No.
Sampled by NEDWALE Received 5-13-55 Sampled 5-14-55 Assayed 5-1[illegible]-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 25.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	14.5	—	5.5			5.5				.30	.27
B & D	.025	15.0	.20	[illegible]			6.2				[illegible]	.20
Union Umpire				5.6			6.0					
Less Non-Sulphide				.3			.20				.20	.19
Settlement	.02	14.75	.20	5.4	[illegible]	[illegible]	5.91	6.9	4.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
NW 73677		Gold [illegible] % @ 23.1623		15						
		Silver [illegible] % @ 90.00	13	60	Based on	3% Lead	3	95		
		Copper			Variation from	% Lead				
		Lead	9	75	Labor					
		Zinc	1	36	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concentration Credit			50		
Containers										
Wet Weight	130460									
Moisture 0.2 %	260	Total Metal Value	24	75						
Dry Weight	130200	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 65.200 Dry Tons @ 21 [illegible] Per Ton 1368 [illegible]

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	65.200 Wet Tons @ [illegible] Per Ton	131	22
Surcharge 15%			
Federal Tax 3%		3	95
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1262.69	63	33
	Defense Minerals Exploration Administration		
	C/O W. M. Trevor, Executive Director		
	DMEA Field Team, Region [illegible]		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions			169 00
Amount Withheld Pending Receipt of Silver Affidavit			
	Net Payment	1199	55

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Date Rec'd
MAY 27 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, May 24, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 605 DOLLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 311-5PM-1 Product CRUDE Mine CHIEF No. 1 Gold License No.
Sampled by MIDVAIR Received 5-13-55 Sampled Assayed
Metal Quotations—Gold 34.7857 Silver 90.00 Copper, N. Y. 5-12-55 Lead, N. Y. 5-17-55 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.012	19.9		5.2			6.7				.30	.16
D & D	.023	19.2	.20	5.6			7.3				.10	.10
C Umpire				5.54			6.4					
Less Non-Sulphide				.2			.14				.20	.14
Settlement	.005	19.05	.10	5.3	22.1	8.2	6.26	7.2	5.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT
		Gold % @							
RG 70060	12,200	Silver 100 % @ 22.4643		42	Based on % Lead				
RG 79559	17,200	Copper 80 90.00	9	40	Variation from % Lead		9	95	
		Lead }			Labor				
		Zinc }	9	36	Insoluble				
			4	94	Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight									
Containers					Concession Credit			25	
Wet Weight									
Moisture 10 %	2,170	Total Metal Value							
Dry Weight	29,214	Less Treatment Charge	29	92	Net Treatment Charge				
			3	45			3	45	

Payment for 129.571 Dry Tons @ 20 47 Per Ton 2692 32

			DEDUCTIONS	
Freight (Value under Per Ton)	Wet Tons @	Per Ton		
Surcharge 15%	130.020	32.71	223	20
Federal Tax 3%				
Handling Charge			6	71
Assay Charge				
Umpire Charge			7	00
Watching Charge			4	00
Sampling Charge				
Hauling: Wet Tons @	Per Ton			
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of 2,410.21			120	54
Defense Minerals Exploration Administration,				
C/O W. R. Tyler, Territory Office,				
DMEA Field Team, Region III				
224 New Customhouse, Denver 2, Colorado				
Total Deductions				362 05
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment				2290 27

FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 27 1955

Salt Lake City, Utah, MAY 24, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 312-GTU Product CRUDE Mine CHIEF NO. 1 Gold License No.

BUREAU OF MINES
Denver, Colorado

Sampled by MIDVALE Received 5-16-55 Sampled 5-18-55 Assayed 5-19-55

Metal Quotations—Gold 34.9125 Silver 90.16 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.6	—	6.1			6.0				.30	.17
B & D	.025	4.9	.20	6.5			6.4				.10	.10
Bardwell Umpire				6.3			6.2 Av.					
Less Non-Sulphide				.2			.16				.20	.14
Settlement	.0225	4.75	.10	6.1	48.5	6.6	6.06	7.5	7.5			

CAR NOS.	NET WEIGHT
RG 71482	123360
RG 72639	122840
RG 45147	101520
RG 72203	126120
RG 72013	121680
Total Weight	
Containers	
Wet Weight	595520
Moisture 2.0 %	11910
Dry Weight	583610

METAL VALUES		
Gold 100 % @ 22.4643		52
Silver 70 % @ 90.16	3	00
Copper }		
Lead }	10	66
Zinc	4	53
Total Metal Value	18	70
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 291.805 Dry Tons @ 15 25 Per Ton 4450 03

		DEDUCTIONS
Freight (Value under $6.50 Per Ton) 297.780 Wet Tons @ $1.17 Per Ton		348.38
Surcharge 15%		
Federal Tax 3%		10 45
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4082.20		204 11
Defense Minerals Exploration Administration,		
C/O W. H. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		571 94
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3878 09

FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.

Salt Lake City, Utah, MAY 25 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 633 NEWHOUSE BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 314-GPU Product CRUDE Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received 5-16-55 Sampled 5-16-55 Assayed 5-19-55
Metal Quotations—Gold 34.9123 Silver 90.16 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.9	—	5.3			5.7				.47	.30
F & D	.025	5.5	.20	6.0			6.2				.90	.30
Union Umpire		5.18		5.8			5.95 Av.					
Less Non-Sulphide				.47			.34				.49	.34
Settlement	.0235	5.18	.10	5.32	53.2	6.1	5.61	6.9	6.5			

CAR NOS.	NET WEIGHT
RG 72807	124800
RG 71862	110520
RG 71238	127440
RG 47263	92660
RG 72503	127720
Total Weight	
Containers	
Wet Weight	583140
Moisture 2.0%	11662
Dry Weight	571478

METAL VALUES		
Gold 100% @ 22.4623		50
Silver 70% @ 90.16		9 27
Copper }		
Lead }		9 25
Zinc		4 30
Total Metal Value		17 30
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on % Lead			
Variation from % Lead		3 95	
Labor			
Insoluble			
Zinc, excess over %			
Sul., excess over %			
As., excess over %			
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 285.739 Dry Tons @ 13 95 Per Ton 3980 34

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	291.570 Wet Tons @ 01.17 Per Ton	
Surcharge 15%		341.14
Federal Tax 3%		
Handling Charge		30 23
Assay Charge		
Umpire Charge		7 00
Watching Charge		4 00
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3617.97 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		180 90
Total Deductions		543 27
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3437 07

FORM C.O. 77-2-8

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 27 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 SCOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 316-CPU-L Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-16-55 Sampled 5-16-55 Assayed 5-20-55
Metal Quotations—Gold 34.9125 Silver 90.16 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 17.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	15.9	—	8.5			7.2				.20	.17
B & D	.025	16.0	.20	9.0			8.0				.10	.10
D & H Umpire				8.75			7.90					
Less Non-Sulphide				.20			.14				.20	.14
Settlement	.0225	15.95	.10	8.55	53.3	7.7	7.76	9.7	3.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RO 47337		Gold 100 % @ 22.4663		51					
		Silver 80 % @ 90.16	11	50	Based on % Lead	3	45		
		Copper }			Variation from % Lead				
		Lead }	15	51	Labor				
		Zinc	5	94	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight:					Concentration Credits		20		
Containers									
Wet Weight	107890								
Moisture 0.9 %	970	Total Metal Value	33	46					
Dry Weight	106920	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 53.455 Dry Tons @ 30 02 Per Ton 2604 15

		DEDUCTIONS
Freight (Value under $20.00 Per Ton)	53.940 Wet Tons @ $1.94 Per Ton	104 64
Surcharge 15%		
Federal Tax 3%		3 14
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $1487.40		74 37
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		192 15
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1413 00

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 1 1955
Bureau of Mines
Denver, Colorado

Salt Lake City, Utah, MAY 26, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 315-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-16-55 Sampled 5-20-55 Assayed 5-20-55
Metal Quotations—Gold 34.9125 Silver 90.16 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 22.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.4	—	5.5			6.3				.27	.17
B & D	.025	4.7	.20	5.8			7.0				.15	.15
C & N Umpire				5.65 Av.			6.75					
Less Non-Sulphide				.22			.16				.22	.16
Settlement	.0225	4.55	.10	5.44	19.9	6.5	6.59	7.5	7.0			

CAR NOS.	NET WEIGHT
UP 65137	93320
UP 65050	95320
UP 65547	91400
UP 62053	98160
UP 62394	88760
Total Weight	
Containers	
Wet Weight	461960
Moisture 1.5 %	6930
Dry Weight	455030

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.16	2	87
Copper }		
Lead }	9	42
Zinc	2	95
Total Metal Value	17	75
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	~~% Lead~~	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentrator Credit~~			50
Net Treatment Charge		3 45	

Payment for 227.515 Dry Tons @ 14 31 Per Ton 3255 74

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	230.900 Wet Tons @ $1.17 Per Ton	270.25
Surcharge 15%		
Federal Tax 3%		8 11
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: ~~9% of $2970.38~~		~~148 52~~
~~Defense Minerals Exploration Administration,~~		
~~C/O W. M. Trexler, Executive Officer,~~		
~~DMEA Field Team, Region III~~		
~~224 New Customhouse, Denver 2, Colorado~~		
Total Deductions		433 88
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2821 86

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Date Rec'd. MAY 31 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 25, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 317-GFU-1 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-18-55 Sampled 5-20-55 Assayed 5-21-55
Metal Quotations—Gold 34.9125 Silver 90.36 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	3.9	—	4.2			10.0				.30	.18
B & D	.025	4.1	.20	4.3			10.5				.20	.18
Umpire				4.25 Av.			10.25 Av.					
Less Non-Sulphide				.25			.14				.25	.14
Settlement	.0175	4.0	.10	4.00	46.2	4.2	10.11	8.0	7.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 46920		Gold 100 % @ 22.4643		39					
		Silver 70 % @ 90.15	2	92	Based on [illegible]	3	95		
		Copper }			Variation from % Lead				
		Lead }	6	40	Labor				
		Zinc	7	99	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	113980								
Moisture 0.7 %	798	Total Metal Value	17	30					
Dry Weight	113182	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 56.591 Dry Tons @ 13 85 Per Ton 783 79

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	56.990 Wet Tons @ $1.40 Per Ton	79.79
Surcharge 15%		
Federal Tax 3%		2 39
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $694.61	34 73
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 123 91

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 659 88

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. 1955

Salt Lake City, Utah, MAY 26, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES Denver Colorado

Lot No. 318-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-18-55 Sampled 5-20-55 Assayed 5-21-55

Metal Quotations—Gold 34.9125 Silver 90.16 Copper, N. Y. end Lead, N. Y. 16.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	4.10	—	5.80			6.9				.30	.17
B & D	.025	4.30	.20	6.30			7.3				.20	.10
Bardwell Umpire				6.20			7.1 Av.					
Less Non-Sulphide				.25			.14				.25	.14
Settlement	.021	4.20	.10	5.95	49.6	6.2	6.96	8.4	6.7			

CAR NOS.	NET WEIGHT
RG 70628	129580
RG 46345	96500
RG 45146	96520
RG 73134	126060
RG 46416	94260
Total Weight	
Containers	
Wet Weight	542920
Moisture 1.3%	7058
Dry Weight	535862

METAL VALUES		
Gold 100 % @ 22.4613		47
Silver 70 % @ 90.16		2 65
Copper		
Lead	10 40	
Zinc	5 27	
Total Metal Value	18 79	
Less Treatment Charge	3 43	

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentrates Credit			50
Net Treatment Charge		3 45	

Payment for 267.931 Dry Tons @ 15 34 Per Ton 4110 06

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	272.160 Wet Tons @ $1.17 Per Ton	317.61
Surcharge 15%		
Federal Tax 3%		9 53
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3775.92		188 80
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		
Total Deductions		522 94
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3587 12

FORM C.O. 774-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Recd. MAY 27, 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, MAY 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 505 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 319-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-19-55 Sampled 5-22-55 Assayed 5-22-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.9	—	6.5			7.8				.30	.25
B & D	.030	5.3	.20	7.0			8.5				.10	.15
D & N Umpire				6.9			8.3					
Less Non-Sulphide				.2			.15				.20	.15
Settlement	.026	5.1	.10	6.7	21.1	6.5	8.15	8.4	2.6			

CAR NOS.	NET WEIGHT
UP 66186	94640
UP 66000	101380
UP 65773	89900
UP 66629	100120
UP 65193	100540
Total Weight	
Containers	
Wet Weight	455980
Moisture 1.5%	7290
Dry Weight	478690

METAL VALUES		
Gold 100 % @ 22.4663	55	
Silver 70 % @ 90.25	9	22
Copper }		
Lead }	11	62
Zinc	6	27
Total Metal Value	21	69
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credits			50
Net Treatment Charge		3 45	

Payment for 239.345 Dry Tons @ 18 44 Per Ton 4413 52

		DEDUCTIONS
Freight (Value under $10.00 Per Ton)	222.992 Wet Tons @ $1.65 Per Ton	379.05
Surcharge 15%		
Federal Tax 3%		11 37
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4016.09		200 80
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 598 22

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3815 30

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
JUN 2 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, MAY 31, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 320-GPU Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 5-20-55 Sampled 5-23-55 Assayed 5-24-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. est Lead, N. Y. 15.00 Zinc 13.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.6	—	5.2			6.2				.22	.21
B & D	.025	5.0	.20	5.8			6.7				.15	.10
C & H Umpire				5.55			6.45					
Less Non-Sulphide				.21			.16				.21	.16
Settlement	.0225	4.8	.10	5.34	51.7	6.3	6.29	7.2	3.5			

CAR NOS.	NET WEIGHT
RG 73316	130520
RG 72439	124360
RG 45322	90480
RG 72400	136300
RG 46977	100400
Total Weight	
Containers	
Wet Weight	582060
Moisture 2.8 %	10478
Dry Weight	571582

METAL VALUES		
Gold 100 % @22.4603		51
Silver 70 % @90.25	3	03
Copper }		
Lead }	9	24
Zinc	4	72
Total Metal Value	17	90
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	20% Lead	3 55	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit		50	
Net Treatment Charge		3 45	

Payment for 285.791 Dry Tons @ 14 05 Per Ton 4015 36

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	251.030 Wet Tons @ $1.37 Per Ton	340 51
Surcharge 15%		
Federal Tax 3%		10 22
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @	Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	% of 4015.63	182 33
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	111 New Customhouse, Denver 2, Colorado	

Total Deductions 540 61

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3474 75

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 31 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 27, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 321-APU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-19-55 Sampled 5-22-55 Assayed 5-23-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.6	—	5.6			7.1				.37	.17
B & D	.025	4.9	.20	6.1			7.6				.20	.10
Umpire				5.8			7.35 Av.					
Less Non-Sulphide				.29			.14				.29	.14
Settlement	.0235	4.73	.10	5.51	46.7	6.2	7.21	7.9	7.9			

CAR NOS.	NET WEIGHT
UP 66003	103160
UP 60122	127060
UP 64493	96060
UP 62266	101080
UP 62354	92460

METAL VALUES		
Gold 100 % @ 22.4643		53
Silver 70 % @ 90.25	3	00
Copper		
Lead	9	53
Zinc	5	43
Total Metal Value	18	59
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 7% Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Total Weight			
Containers			
Wet Weight	519840		
Moisture 1.5%	7798		
Dry Weight	512042		

Payment for 256.021 Dry Tons @ 15 24 Per Ton 3876 71

DEDUCTIONS		
Freight (Value under $6.00 Per Ton) 259.920 Wet Tons @ $1.40 Per Ton	363	89
Surcharge 15%		
Federal Tax 3%	10	92
Handling Charge		
Assay Charge	9	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3460.35	173	02
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions	560	33
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3315	83

FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 31 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 26, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, FOX DOLLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 322-GPU-L Product CHIEF Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-16-55 Sampled 5-20-55 Assayed
Metal Quotations—Gold 34.9125 Silver 90.16 Copper, N. Y. 5-20-55 Lead, N. Y. 5-21-55 Zinc 15.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %		NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	4.7		6.7			10.4				.63	.18
B & D	.035	5.1	.20	7.2			11.2				.90	.20
Union Umpire				7.0			11.2					
Less Non-Sulphide				.77			.19				.77	.19
Settlement	.035	4.9	.20	6.23	30.0	6.7	11.01	9.9	10.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
RG 70319		Gold 100 % @ 22.4643		79				
		Silver 70 % @ 90.16		3 09	Based on	% Lead		
		Copper			Variation from	% Lead	3 99	
		Lead			Labor			
		Zinc		11 07	Insoluble			
				5 51	Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight								
Containers					Concession Credit		50	
Wet Weight	139.20							
Moisture 1.7%	2.66	Total Metal Value						
Dry Weight	136.54	Less Treatment Charge		23 76	Net Treatment Charge			
				3 45			3 45	

Payment for 68.407 Dry Tons @ 20 31 Per Ton 1389 35

				DEDUCTIONS
Freight (Value under $10.00 Per Ton)	69.590	Wet Tons @	$1.56 Per Ton	
Surcharge 15%				103 56
Federal Tax 3%				
Handling Charge				3 26
Assay Charge				
Umpire Charge				7 00
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $1270.53				63 53
Defense Minerals Exploration Administration,				
C/O W. M. Traver, Executive Officer,				
DMEA Field Team, Region III				
224 New Customhouse, Denver 2, Colorado				

Total Deductions 162 35

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1207 00

FORM C.O. 77,2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
JUN 2 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, ~~MAY 31, 1955~~

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 324-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-23-55 Sampled 5-25-55 Assayed 5-26-55

Metal Quotations—Gold 34.9125 Silver 90.25 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	6.6	—	8.1			7.3				.27	.17
B & D	.035	6.9	.20	8.3			7.8				.15	.20
Umpire				8.2 Av.			7.55 Av.					
Less Non-Sulphide				.21			.39				.21	.39
Settlement	.0325	6.75	.10	7.99	45.2	8.5	7.36	8.0	6.7			

CAR NOS.	NET WEIGHT
UP 63886	101480
UP 60146	100420
UP 65744	91240
UP 64921	91020
UP 64219	100060
Total Weight	
Containers	
Wet Weight	484220
Moisture 1.1 %	5326
Dry Weight	478894

METAL VALUES		
Gold 100 % @ 22.4643		73
Silver 70 % @ 90.25	4	26
Copper)		
Lead)	14	38
Zinc	5	61
Total Metal Value	24	98
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 3% lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 239.447 Dry Tons @ 21 53 Per Ton 5155 29

			DEDUCTIONS	
Freight (Value under $10.00 Per Ton)	242.110	Wet Tons @ 81.56 Per Ton	377	69
Surcharge 15%				
Federal Tax 3%			11	33
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $4759.27			237	96
Defense Minerals Exploration Administration,				
C/O W. M. Traver, Executive Officer,				
DMEA Field Team, Region III				
224 New Customhouse, Denver 2, Colorado				

Total Deductions 633 98

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4521 31

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

224 New Customhouse
Denver 2, Colorado

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 25 1955

May 20, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4327	293-GPU	$200.95	
	296-GPU	227.28	
	298-GPU	84.04	
	299-GPU-L	51.28	
	301-GPU	145.79	$709.84

W. M. Traver

Enclosures

vj

cc: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Royalty Report File
Chron

FORM C.O. 72 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 27 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 20 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 293-GFU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-4-55 Sampled 5-9-55 Assayed 5-10-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	—	6.2			6.3				.30	.21
B & D	.025	5.3	.20	6.6			7.2				.10	.20
D & N Umpire				6.4			6.9					
Less Non-Sulphide				.2			.21				.20	.21
Settlement	.0225	5.1	.10	6.2	14.5	7.7	6.69	7.4	8.3			

CAR NOS.	NET WEIGHT
RG 47025	92500
RG 70221	132960
RG 46407	115160
RG 46391	99660
RG 47324	112720
Total Weight	
Containers	
Wet Weight	553300
Moisture 1.1 %	6086
Dry Weight	547214

METAL VALUES		
Gold 100 % @ 22.4613		51
Silver 70 % @ 90.00	3	21
Copper }		
Lead }	10	86
Zinc	5	05
Total Metal Value	19	63
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 273.607 Dry Tons @ 16 18 Per Ton 4426 96

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	276.650 Wet Tons @ $1.40 Per Ton	387.31	
Surcharge 15%			
Federal Tax 3%		11	62
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $4019.03	200	95
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		

Total Deductions 608 83

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3818 03

FORM C.O. 72 8

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd

Salt Lake City, Utah, MAY 20 1955 ~~MAY 17, 1955~~

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES
Denver, Colorado

Lot No. 296-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-6-55 Sampled 5-9-55 Assayed
Metal Quotations—Gold 34.9825 Silver 90.00 Copper, N. Y. Lead, N. Y. 5-10-55 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	25.00 %	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.6	—	5.6			6.5					
B & D	.025	4.9	.20	6.1			7.2				.30	.17
Umpire				6.2			7.2				.30	.15
Less Non-Sulphide				.2			.15				.20	.16
Settlement	.0223	4.73	.10	5.9	47.5	7.0	6.94	6.8	7.5			

CAR NOS.	NET WEIGHT
RG 71804	122620
RG 71860	125780
RG 71433	128280
RG 70260	120580
RG 71823	160760

METAL VALUES			
Gold	10% @	22.4683	
Silver	7% @	90.00	
Copper			
Lead			
Zinc			
Total Metal Value			
Less Treatment Charge			19 04

TREATMENT CHARGES		DEBIT	CREDIT
51	Based on % Lead		
2 99	Variation from % Zinc	3 95	
	Labor		
10 29	Insoluble		
5 25	Zinc, excess over %		
	Sul., excess over %		
	As., excess over %		
	Iron		
	Lime		
	Concession Credit		50
	Net Treatment Charge		
		3 45	

Total Weight
Containers
Wet Weight 658020
Moisture 1.8% 11844
Dry Weight 646176

Payment for 323.088 Dry Tons @ 15 99 Per Ton 5036 94

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	329.010 Wet Tons @ $1.40 Per Ton	
Surcharge 15%		460.61
Federal Tax 3%		
Handling Charge		13 82
Assay Charge		
Umpire Charge		7 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4555.51 Defense Minerals Exploration Administration, C/O W. H. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado.		227 78
Total Deductions		709 21
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4327 73

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 20 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 298-GPU Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDVALE Received 5-6-55 Sampled 5-10-55 Assayed 5-11-55

Metal Quotations—Gold 34.9225 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 14.50 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.10	[illegible]	5.20			5.6				.30	.18
B & D	.025	4.20	.20	5.10			6.2				.10	.20
Union Umpire				5.15 Av.			6.10					
Less Non-Sulphide				.20			.14				.20	.14
Settlement	.0225	4.15	.10	4.95	40.6	6.5	5.96	6.6	10.8			

CAR NOS.	NET WEIGHT
UP 62937	92980
RG 73692	143200
RG 45252	97580
Total Weight	
Containers	
Wet Weight	333760
Moisture 1.6 %	5340
Dry Weight	328420

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.00	2	61
Copper }		
Lead }	8	52
Zinc	4	45
Total Metal Value	15	09
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	Standard	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Credit			50
Net Treatment Charge		3 45	

Payment for 164.210 Dry Tons @ 12 64 Per Ton 2075 62

DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 166.82 Wet Tons @ $2.17 Per Ton	195 25
Surcharge 15%	
Federal Tax 3%	5 86
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 4% of $1867.90	84 04
Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region 12, 224 Fox Customhouse, Denver 2, Colorado.	

Total Deductions 292 15

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1783 46

FORM C.O. 77-3

706

DMEA
Date Rec'd
MAY 20 1955

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MAY 17, 1955

BUREAU OF MINES
Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 200-OPU-1 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MUNNAIE Received 5-6-55 Sampled 5-10-55 Assayed 5-11-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	13.4	—	3.0			5.50				.30	.20
B & D	.025	13.6	.20	4.3			6.05				.30	.20
B & D Umpire				4.3			5.75 Avg.					
Less Non-Sulphide				.2			.25				.20	.15
Settlement	.020	13.5	.10	4.1	54.1	7.5	5.60	2.4	6.3			

CAR. NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES		DEBIT	CREDIT
RG 72209		Gold 100 % @ 22.4649	45				
		Silver 60 % @ 90.00	9 72	Based on	% Lead	3 97	
		Copper		Variation from	% Lead		
		Lead	6 54	Labor			
		Zinc	2 14	Insoluble			
				Zinc, excess over	%		
				Sul., excess over	%		
				As., excess over	%		
				Iron			
				Lime			
Total Weight				Concession Credit		50	
Containers							
Wet Weight	133060						
Moisture 0.8%	1064	Total Metal Value	20 97				
Dry Weight	131996	Less Treatment Charge	3 48	Net Treatment Charge		3 48	

Payment for 65.998 Dry Tons @ 17.42 Per Ton 1149 69

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	66.530 Wet Tons @ 2.72 Per Ton	113.77
Surcharge 15%		
Federal Tax 3%		3 41
Handling Charge		
Assay Charge		4 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $103.51		5 18
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Mold Team, Region III		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		125 46
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		924 23

FORM C.O. 702 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. MAY 20 1955

Salt Lake City, Utah, MAY 17, 1955

BUREAU OF MINES Denver, Colorado

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 301-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-6-55 Sampled 5-10-55 Assayed 5-11-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.5	---	5.2			6.3				.30	.15
B & D	.025	4.7	.20	5.7			7.0				.10	.10
Bartell Umpire				5.4			6.7					
Less Non-Sulphide				.2			.14				.20	.14
Settlement	.020	4.6	.10	5.2	49.8	7.9	6.56	6.8	7.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
UP 65177	86620	Gold	100 % @ 22.4643	45				
UP 66353	101380	Silver	70 % @ 90.00	2 90	Based on	% Lead	3 95	
UP 64626	88160	Copper	}		Variation from	% Lead		
UP 63955	101040	Lead	}	3 93	Labor			
UP 66091	96680	Zinc		4 94	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					Concursion Credit		50	
Containers								
Wet Weight	473820							
Moisture 1.9%	9004	Total Metal Value		17 27				
Dry Weight	464816	Less Treatment Charge		3 45	Net Treatment Charge		3 45	

Payment for 232.408 Dry Tons @ 13 82 Per Ton 3212 29

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	236.940 Wet Tons @ $1.17 Per Ton	277.22
Surcharge 15%		
Federal Tax 3%		8 32
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2915.75		145 79
Defense Minerals Exploration Administration,		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III,		
224 New Customhouse, Denver 2, Colorado.		
Total Deductions		442 33
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	2769 96

®

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

224 New Customhouse
Denver 2, Colorado

May 25, 1955

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAY 31 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4410	295-GPU	$ 99.39	
	300-GPU	92.01	
	306-GPU	135.21	
	307-GPU	169.76	
	309-GPU	152.38	
	313-GPU	165.03	$813.78

W. M. TRAVER

W. M. Traver

Enclosures

FORM C.O. 77-2

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 25 1955

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 602 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 295-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-7-55 Sampled 5-12-55 Assayed

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Lead, N. Y. 5-12-55 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.2	—	4.5			6.0				.30	.18
B & D	.025	4.5	.20	5.2			6.8				.30	.30
Union Umpire				4.9			6.7					
Less Non-Sulphide				.2			.14				.20	.14
Settlement	.0225	4.35	.30	4.7	12.7	7.2	6.56	6.7				

CAR NOS.	NET WEIGHT
UP 62079	* 78420
UP 66403	94120
UP 62967	91900
UP 64210	99040
UP 64677	96720
*80,000# minimum	
Weight to be used for freight purposes is 461180#	
Total Weight	
Containers	
Wet Weight	459600
Moisture 1.3 %	5974
Dry Weight	453626

METAL VALUES		
Gold 100 % @ 22.4643		22 57
Silver 70 % @ 90.00		2 74
Copper		
Lead		7 68
Zinc		4 94
Total Metal Value		35 07
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Credit		50	
Net Treatment Charge		3 45	

Payment for 226.803 Dry Tons @ 12 22 Per Ton 2771 65

		DEDUCTIONS
Freight (Value under $6.50 Per Ton) 230.590 Wet Tons @ 1.17 Per Ton		269.79
Surcharge 15%		
Federal Tax 3%		
Handling Charge		8 09
Assay Charge		
Umpire Charge		7 00
Watching Charge		2 00
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 4% of $2484.77 Defense Minerals Exploration Administration, C/O W. M. Trever, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado		99 39
Total Deductions		386 27
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2385 38

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. MAY 25 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 300-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-7-55 Sampled 5-13-55 Assayed 5-14-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.8	—	5.5			5.8				.30	.15
B & D	.02	5.1	.20	6.1			6.4				.15	.10
C & H Umpire				5.8			6.2					
Less Non-Sulphide				.23			.13				.23	.13
Settlement	.0225	4.95	.10	5.57	58.7	6.5	6.07	6.6	1.8			

CAR NOS.	NET WEIGHT
UP 63389	90420
UP 62275	98720
UP 66254	91560

METAL VALUES		
Gold 100% @ 22.4143		51
Silver 70% @ 90.00	3	12
Copper		
Lead	9	68
Zinc	4	54

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentration Credit		50		
Net Treatment Charge	3	45		

Total Weight		
Containers		
Wet Weight	283700	
Moisture 1.1%	3120	
Dry Weight	280580	
Total Metal Value	17	85
Less Treatment Charge	3	45

Payment for 140.290 Dry Tons @ 14 40 Per Ton 2020 18

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 141.290 Wet Tons @ $1.27 Per Ton	179	55
Surcharge 15%		
Federal Tax 3%	5	95
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $184.24 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado	9	21
Total Deductions	272	95
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	1748	23

FORM C.O. 77-7

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 25 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 306-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 5-12-55 Sampled 5-13-55 Assayed 5-14-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.9	—	5.0			6.2				.30	.18
B & D	.025	4.3	.20	5.4			6.6				.20	.15
D & W Umpire		4.08		5.3			6.6 Ac.					
Less Non-Sulphide				.25			.17				.25	.17
Settlement	.025	4.08	.10	5.05	53.7	6.5	6.23	7.0	6.3			

CAR NOS.	NET WEIGHT
UP 63030	91040
UP 63037	82500
UP 65203	98680
UP 66349	94920
UP 62237	96400
Total Weight	
Containers	
Wet Weight	463540
Moisture 1.2%	5562
Dry Weight	457978

METAL VALUES		
Gold 100 % @ 22.4613		56
Silver 70 % @ 90.00	2	57
Copper }		
Lead }	8	71
Zinc	4	67
Total Metal Value	16	51
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on ~~% Lead~~	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 228.989 Dry Tons @ 13 06 Per Ton 2990 60

		DEDUCTIONS
Freight (Value under $6.90 Per Ton)	231.770 Wet Tons @ $1.17 Per Ton	271 17
Surcharge 15%		
Federal Tax 3%		8 14
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2704.29		135 21
Defense Minerals Exploration Administration		
C/O W. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse, Denver 2, Colorado.		
Total Deductions		421 52
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2569 08

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH.

DMEA Date Rec'd MAY 25 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 808 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: PIERRA, UTAH

Lot No. 307-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-13-55 Sampled 5-14-55 Assayed 5-16-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.7	—	5.3			5.7				.30	.25
B & D	.025	6.9	.20	5.6			6.9				.35	.30
C & W Umpire				5.15 Av.			6.2					
Less Non-Sulphide				.23			.24				.23	.24
Settlement	.0225	6.8	.10	5.22	52.7	8.2	6.06	7.4	6.0			

CAR NOS.	NET WEIGHT
RG 46871	100920
RG 45091	111920
RG 47122	98580
RG 71100	121120
RG 73084	121800
Total Weight	
Containers	
Wet Weight	554340
Moisture 1.1%	6098
Dry Weight	548242

METAL VALUES		
Gold 100 % @ 32.4649		57
Silver 70 % @ 90.00	3	02
Copper		
Lead	9	02
Zinc	4	53
Total Metal Value	17	02
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~Concession Credit~~			50		
Net Treatment Charge		3	45		

Payment for 274.121 Dry Tons @ 12 63 Per Ton 3336 27

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 277.120 Wet Tons @ 1.17 Per Ton	324	30
Surcharge 15%		
Federal Tax 3%	9	73
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of 13336.27 Defense Minerals Exploration Administration, C/O W. H. Tyson, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado.	269	76
Total Deductions		336 78
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3223 49

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. MAY 25 1955

Salt Lake City, Utah, May 25 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

BUREAU OF MINES Denver, Colorado

Shipping Point: EUREKA, UTAH

Lot No. 309-620 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 5-13-55 Sampled 5-17-55 Assayed 5-17-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. cnd Lead, N. Y. 15.00 Zinc 10.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.7	—	5.4			6.8				.30	.17
B & D	.025	4.3	.20	5.6			7.2				.10	.10
D & H Umpire		3.98		5.5 Av.			7.0 Av.					
Less Non-Sulphide				.2			.14				.20	.14
Settlement	.0225	3.98	.10	5.3	47.5	8.2	6.86	7.2	7.3			

CAR NOS.	NET WEIGHT
UP 66552	96580
UP 66719	99820
UP 62645	101960
UP 66407	100560
UP 65638	97600
Total Weight	
Containers	
Wet Weight	494520
Moisture 1.2 %	5934
Dry Weight	488586

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 65 % @ 90.00	2	33
Copper		
Lead	9	16
Zinc	5	19
Total Metal Value	17	19
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on 5% Lead	3	93		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	43		

Payment for 244.293 Dry Tons @ 13 74 Per Ton 3326 90

		DEDUCTIONS	
Freight (Value under 86.50 Per Ton) 247.269 Wet Tons @ 81.17 Per Ton		269	29
Surcharge 15%			
Federal Tax 3%		8	68
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3047.62		152	38
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		468	35
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		2858	24

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 25 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY Shipping Point 633 DOLY BUILDING, SALT LAKE CITY, UTAH

Lot No. 313-GFU Product CRUDE Mine EUREKA, GOLD Mill License No.
Sampled by MIDVALE Received Sampled CHIEF NO. 1 Assayed
Metal Quotations—Gold 34.9123 Silver 5-23-55 Copper, N. Y. 5-24-55 Lead, N. Y. 5-17-55 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	15.00	NON-SULPHIDE LEAD % 12.00	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3	—	6.7			5.3				.30	.15
B & D	.025	4.7	.20	6.8			5.8				.10	.10
Umpire				6.75 Av.			5.55 Av.					
Less Non-Sulphide				.20			.13				.20	.13
Settlement	.0225	4.5	.10	6.55	50.2	8.6	5.42	7.0	6.5			

CAR NOS.	NET WEIGHT
UP 62475	84300
UP 65036	98320
UP 66731	96380
UP 63814	89460
UP 65018	102040
Total Weight	470500
Containers	5646
Wet Weight	464854
Moisture 1.2 %	
Dry Weight	232.427

METAL VALUES

Gold	% @		
Silver	100% @	22.4123	
Copper	70	90.00	2 84
Lead	)		
Zinc	)		11 53
			4 00
Less Treatment Charge			18 00
Payment for	Dry Tons @		3 45

TREATMENT CHARGES

		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 91	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge			
Per Ton		3 45	

				DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	Wet Tons @	Per Ton			3591 00
Surcharge 15%	235.250	21.17		277 24	
Federal Tax 3%					
Handling Charge				8 25	
Assay Charge					
Umpire Charge				7 00	
Watching Charge					
Sampling Charge					
Hauling Wet Tons @	Per Ton				
Federal Tax 3%					
Pay Hauling & Tax to:					
Royalty: 5% of $3300.50 Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado				165 03	
Total Deductions					
Amount Withheld Pending Receipt of Silver Affidavit					455 53
Net Payment					3135 47

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

Defense Minerals Administration
RECEIVED
MAY 23 1955

224 New Customhouse
Denver 2, Colorado

May 18, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shepments as follows:

Check Number	Lot Number	Amount	Total
4308	292-GPU-L	$54.16	
	294-GPU	80.33	
	297-GPU	134.93	$269.42

W. M. Traver

Enclosures

vj

cc: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Royalty Report File
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd 1955

Salt Lake City, Utah, May 26, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOUX BUILDING, SALT LAKE CITY, UTAH

MAY 18 1955

Shipping Point: MANILA, UTAH

Lot No. 292-GPU-1 Product ORES Mine CHIEF No. 1 Gold License No. OF MINES
Sampled by MINVAL Received 5-3-55 Sampled 5-6-55 Assayed 5-25-55 Colorado
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	14.0	—	9.8			6.0				.30	.20
B & D	.025	14.3	.20	4.2			7.3				.10	.20
Union Umpire				4.1			7.05 Av.					
Less Non-Sulphide				.2			.20				.20	.20
Settlement	.021	14.15	.10	3.9	57.4	5.8	6.85	6.9	5.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 70565		Gold 100 % @ 22.1543		47					
		Silver 80 % @ 90.00	10	19	Based on 3% Lead	5	95		
		Copper }			Variation from % Lead				
		Lead }	6	24	Labor				
		Zinc	5	18	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession Credit		50		
Containers									
Wet Weight	130260								
Moisture 0.7%	912	Total Metal Value	22	08					
Dry Weight	129348	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 64.674 Dry Tons @ 18 63 Per Ton 1204 80

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	65.130 Wet Tons @ $1.71 Per Ton	111.37	
Surcharge 15%			
Federal Tax 3%		3 34	
Handling Charge			
Assay Charge		7 00	
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1083.17	54 16	
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions			175 87
Amount Withheld Pending Receipt of Silver Affidavit			
		Net Payment	1029 01

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FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 13 1965
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. 29,4PU Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by MIDVALE Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.6125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 32.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.6	—	4.7			6.5				.29	.13
B & D	.025	4.0	.20	4.8			7.3				.30	.16
Burdsall Umpire		3.6		4.75 Av.			6.8					
Less Non-Sulphide				.29			.14				.19	.14
Settlement	.0225	3.83	.10	4.35	51.6	6.2	6.66	7.0	6.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
UP 65005	* 99420	Gold 100% @ 22.4643		53				
UP 64501	* 92860	Silver 65% @ 90.00		2 75	Based on	% Lead	3 25	
UP 64712	* 87640	Copper			Variation from	% Lead		
UP 62915	* 84640	Lead		7 29	Labor			
UP 65970	* 89680	Zinc		1 02	Insoluble			
*100,000# minimum					Zinc, excess over	%		
					Sul., excess over	%		
Weight to be used for					As., excess over	%		
hauling purposes is					Iron			
500,000#					Lime			
Total Weight					Concentration Charge		50	
Containers								
Wet Weight	453640							
Moisture 2%	9072	Total Metal Value		3 95				
Dry Weight	444568	Less Treatment Charge		3 18	Net Treatment Charge		3 25	

Payment for 222.284 Dry Tons @ 31 42 Per Ton 2845 60

		DEDUCTIONS
Freight (Value under $5.00 Per Ton)	250.000 Wet Tons @ 35¢ Per Ton	232.50
Surcharge 15%		
Federal Tax 3%		6 98
Handling Charge		
Assay Charge		7 00
Umpire Charge		3 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3% of $2295.32		68 86
Defense Minerals Exploration Administration,		
C/O W. M. Tracy, Executive Director,		
DMEA Field Service, Region Four		
224 New Customhouse, Denver 2, Colorado		
Total Deductions		334 81
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2511 79

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FORM C.O. 77-2

306

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 16, 1955

Salt Lake City, Utah, MAY 13 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 ENSIGN BUILDING, SALT LAKE CITY, UTAH

Shipping Point: DELTA, UTAH

BUREAU OF MINES

Lot No. 27-GPO Product CHUNK Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received 5-6-55 Sampled 5-9-55 Assayed 5-10-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.20	—	5.9			6.0				.30	.18
B & D	.025	5.50	.20	6.1			6.7				.10	.10
Barden & Umpire				6.0 Av.			6.9					
Less Non-Sulphide				.2			.24				.20	.14
Settlement	.0225	5.30	.10	5.8	50.0	7.7	6.36	6.6	5.6			

CAR NOS.	NET WEIGHT
UP 64298	97600
UP 65390	109400
UP 62834	85740
UP 62805	106080

METAL VALUES		
Gold 100 % @ 22.6611		51
Silver 70 % @ 90.00	3	34
Copper)		
Lead)	10	10
Zinc	1	77
Total Metal Value	10	72
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit		50	
Net Treatment Charge		3 45	

Total Weight			
Containers			
Wet Weight	398820		
Moisture 1.7%	6780		
Dry Weight	392040		

Payment for 196.020 Dry Tons @ 15 27 Per Ton 2993 23

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	199.410 Wet Tons @ $1.40 Per Ton	279 37
Surcharge 15%		
Federal Tax 3%		8 38
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $2698.63	134 93
	Defense Minerals Exploration Administration,	
	C/O W. M. Travor, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

Total Deductions 429 93

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2563 75

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

MAY 20 1955

224 New Customhouse
Denver 2, Colorado

May 17, 1955

Memorandum

To; T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed is United States Smelting, Refining and Mining Company check in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4280	290-GPU	$188.98	
	291-GPU	139.31	$328.29

W. M. Traver

Enclosures

vj

cc: Sec. Opr. Comm. (2) w/settlement sheets
G. R. Wilson w/settlement sheets
Royalty File E4
Royalty Report File
Chron

FORM C.O. 2 S
706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 16 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 12, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 500 DONN BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 291-4PU Product CROWN Mine CHIEF No. 2 Gold License No.
Sampled by MIDVALE Received 5-2-55 Sampled 5-2-55 Assayed 5-3-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. .251 Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	3.9	—	4.9			7.3				.27	.13
B & D	.025	4.3	.20	5.3			7.8				.10	.10
C & M Umpire		3.78		5.2			7.55 Av.					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.0275	3.9	.10	5.01	54.6	6.0	7.41	9.0	6.0			

CAR NOS.	NET WEIGHT
UP 60066	98700
UP 62164	89980
UP 63657	92200
UP 62970	85500
UP 64885	93540
Total Weight	
Containers	
Wet Weight	459920
Moisture 1.7 %	7818
Dry Weight	452102

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 65 % @ 90.00	3	28
Copper)		
Lead)	8	62
Zinc	1	64
Total Metal Value	13	05
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	%~~Kead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 226.051 Dry Tons @ 13 60 Per Ton 3074 29

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton) 279.960 Wet Tons @ $1.17 Per Ton		269	05
Surcharge 15%			
Federal Tax 3%		8	07
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $2786.17		139	31
Defense Minerals Exploration Administration,			
C/O W. M. Traver, Executive Officer,			
DMEA Field Team, Region III			
224 New Customhouse, Denver 2, Colorado			
Total Deductions		427	43
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		2646	86

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FORM C.O. 272 706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 18 1955

Salt Lake City, Utah, MAY 12, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DAILY NEWSPAPER, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

BUREAU OF MINES Denver, Colorado

Lot No. 290-GPU Product CONCS Mine CHIEF MIN. Gold License No.

Sampled by MIDVALE Received 5-4-55 Sampled 5-6-55 Assayed 5-7-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. Pnt Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	2.0	—	5.20			7.4				.30	.20
B & D	.025	4.5	.20	5.50			7.8				.10	.10
Umpire				5.35 Av.			7.6 Av.					
Less Non-Sulphide				.20			.15				.20	.15
Settlement	.0225	2.25	.10	5.15	51.4	6.2	7.45	7.6	6.5			

CAR NOS.	NET WEIGHT
RG 71405	109780
RG 71529	129020
RG 47130	117440
RG 45220	90360
RG 73206	137300
Total Weight	
Containers	
Wet Weight	583900
Moisture 1.7 %	9926
Dry Weight	573974

METAL VALUES			
Gold	100 % @ 22.4643		51
Silver	70 % @ 90.00	2	80
Copper			
Lead		3	85
Zinc		5	68
Total Metal Value		12	67
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3	45
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3	45

Payment for 286.987 Dry Tons @ 14 42 Per Ton 4138 35

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	291.930 Wet Tons @ 1.17 Per Ton	341	58
Surcharge 15%			
Federal Tax 3%		10	25
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $3779.52	188	98
	Defense Minerals Exploration Administration,		
	C/O W. M. Traver, Executive Officer,		
	DMEA Field Team, Region III		
	224 New Customhouse, Denver 2, Colorado		
Total Deductions		547	81
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3590	54

E4

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

Department of the Interior
Defense Minerals Administration
RECEIVED
MAY 19 1955

224 New Customhouse
Denver 2, Colorado

May 16, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4208	284-GPU	$101.88	$101.88
4267	276-GPU	164.40	
	279-GPU-L	33.28	
	280-GPU-L	69.41	
	285-GPU-L	47.68	
	287-GPU	153.46	
	288-GPU	167.93	
	289-GPU	144.25	$780.41

W. M. Traver

Enclosures

vj

cc: Sec. Opr. Comm. (2) w/settlement sheets
S.R. Wilson w/settlement sheets
Royalty File E4
Royalty Report File
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAY 11 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 9, 1955

Purchased From [illegible]
Pay [illegible], [illegible], SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. [illegible] Product [illegible] Mine [illegible] NO. 1 Gold License No. [illegible]
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
B & D	.025	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Umpire				[illegible]			[illegible]					
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
[illegible]	[illegible]	Gold [illegible] % @ [illegible]		[illegible]						
[illegible]	[illegible]	Silver [illegible] % @ [illegible]	[illegible]	[illegible]	Based on	% Lead	3	95		
[illegible]	[illegible]	Copper			Variation from	% Lead				
[illegible]	[illegible]	Lead	[illegible]	[illegible]	Labor					
[illegible]	[illegible]	Zinc	[illegible]	[illegible]	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					[illegible]			[illegible]		
Containers										
Wet Weight	[illegible]									
Moisture [illegible] %	[illegible]	Total Metal Value	[illegible]	[illegible]						
Dry Weight	[illegible]	Less Treatment Charge	[illegible]	[illegible]	Net Treatment Charge		3	95		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]	
Surcharge 15%			
Federal Tax 3%		[illegible]	[illegible]
Handling Charge			
Assay Charge		[illegible]	[illegible]
Umpire Charge		[illegible]	[illegible]
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	[illegible] of [illegible]	[illegible]	[illegible]
	Defense Minerals [illegible]		
	C/O W. K. [illegible]		
	DMEA Field Team [illegible]		
	[illegible] Denver 3, Colorado		
Total Deductions			[illegible]
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			[illegible]

E-4

FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MAY 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 DOWN BUILDING, SALT LAKE CITY, UTAH

Shipping Point: MILFORD, UTAH

Lot No. 276-4PU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 4-29-55 Sampled 5-3-55 Assayed 5-6-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 22.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.5	—	4.9			7.1				.27	.18
B & D	.025	4.9	.20	5.4			7.8				.20	.10
D & N Umpire				5.1			7.4					
Less Non-Sulphide				.24			.14				.24	.14
Settlement	.0225	4.2	.10	4.86	49.2	6.1	7.25	7.8	6.8			

CAR NOS.	NET WEIGHT
RG 71928	122580
RG 45451	93780
RG 71912	123640
RG 45594	95200
RG 71705	122280
Total Weight	
Containers	
Wet Weight	557680
Moisture 1.8%	10038
Dry Weight	547642

METAL VALUES		
Gold	100 % @ 22.4643	51
Silver	70 % @ 90.00	2 96
Copper	)	
Lead	)	7 75
Zinc		5 52
Total Metal Value		16 74
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 273.821 Dry Tons @ 13 29 Per Ton 3639 08

		DEDUCTIONS
Freight (Value under $6.50 Per Ton) 278.840 Wet Tons @ $1.17 Per Ton		326.24
Surcharge 15%		
Federal Tax 3%		9 79
Handling Charge		
Assay Charge		7 00
Umpire Charge		8 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3283.05		164 40
Defense Minerals Exploration Administration, C/O W. H. Traver, Executive Officer, DMEA Field Team, Region [illegible] 224 New Customhouse, Denver 2, Colorado	DMEA Date Rec'd MAY 13 1955 BUREAU OF MINES Denver, Colorado	
Total Deductions		515 43
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	3123 65

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E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MAY 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 603 POLI BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 279-SPB-1 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDDLE Received 4-29-55 Sampled 5-3-55 Assayed 5-6-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	2.10	---	7.4			6.10				1.67	.73
B & D	.025	2.50	.20	8.0			6.80				1.50	.70
C & N Umpire				7.7			6.25					
Less Non-Sulphide				1.59			.72				1.59	.72
Settlement	.0225	2.30	.10	6.11	33.40	3.8	5.53	4.8	12.8			

CAR NOS.	NET WEIGHT
NG 47288	
Total Weight	
Containers	
Wet Weight	109720
Moisture 2.0 %	2194
Dry Weight	107526

METAL VALUES			
Gold	110 % @ 22.4643		51
Silver	65 % @ 90.00	1	35
Copper	}		
Lead	}	11	05
Zinc		4	24
Total Metal Value		17	05
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 53.763 Dry Tons @ 13 60 Per Ton 731 18

		DEDUCTIONS	
Freight (Value under $5.00 Per Ton)	54.860 Wet Tons @ 93¢ Per Ton	51	02
Surcharge 15%			
Federal Tax 3%		1	53
Handling Charge			
Assay Charge		7	00
Umpire Charge		6	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $665.63		33	28
Defense Minerals Exploration Administration, c/o W. H. Trevor, Executive Officer, DMEA Field Team, Region III, 224 Post Customhouse, Denver 2, Colorado			
Total Deductions		98	83
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		632	35

DMEA
Date Rec'd.
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, ___

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 800 DOLY BUILDING, SALT LAKE CITY
Shipping Point: CHIEF, UTAH

Lot No. 280-GPU-L Product CRUDE Mine CHIEF NO. 2 Gold License No.
Sampled by MIDDLE Received 4-29-55 Sampled 5-3-55 Assayed 5-6-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	9.9	—	6.70			8.4				.37	.21
S & D	.025	10.5	.20	7.00			9.0				.25	.10
Umpire		10.08		6.85 Av.			8.7					
Less Non-Sulphide				.31			.16				.31	.16
Settlement	.020	10.06	.10	6.54	37.9	4.8	8.54	5.7	10.4			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
20 2900		Gold 100 % @ 22.4643		65						
		Silver 80 % @ 90.00	7	26	Based on	% Lead	3	95		
		Copper)			Variation from	% Lead				
		Lead)	11	53	Labor					
		Zinc	6	61	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession Credit			50		
Containers										
Wet Weight	139100									
Moisture 2.2 %	3060	Total Metal Value	25	85						
Dry Weight	136040	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 68.020 Dry Tons @ 22 40 Per Ton 1523 65

		DEDUCTIONS
Freight (Value under $15.00 Per Ton)	69.550 Wet Tons @ $1.71 Per Ton	118.93
Surcharge 15%		
Federal Tax 3%		3 57
Handling Charge		
Assay Charge		7 00
Umpire Charge		6 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of $1388.15	69 41
	Defense Minerals Exploration Administration,	
	C/O W. M. Traver, Executive Officer,	
	DMEA Field Team, Region III	
	224 New Customhouse, Denver 2, Colorado	

DMEA
Date Rec'd
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 204 91

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1318 74

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FORM C.B. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MAY 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 NEWHOUSE BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. 286-GPU-I, Product CRUDE, Mine CHIEF NO. 1, Gold License No.

Sampled by MIDVALE, Received 4-20-55, Sampled 5-2-55, Assayed 5-4-55

Metal Quotations—Gold 34.9125, Silver 90.00, Copper, N. Y. [illegible], Lead, N. Y. 15.00, Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.01	2.7	—	4.9			8.8				.07	.20
B & D	.025	2.9	.20	5.2			9.5				.20	.10
Union Umpire				5.05			9.55					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.0275	2.8	.10	4.81	40.2	4.9	9.35	7.2	10.1			

CAR NOS.	NET WEIGHT
RG 72238	
Total Weight	
Containers	
Wet Weight	144360
Moisture 1.2 %	1732
Dry Weight	142628

METAL VALUES		
Gold 100% @ 22.4643		39
Silver 70% @ 90.00	3	09
Copper }		
Lead }	7	66
Zinc	7	39
Total Metal Value	18	38
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3	90
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3	40

Payment for 71.314 Dry Tons @ 14 93 PerTon 1064 72

DEDUCTIONS	
Freight (Value under $8.00 Per Ton) 72.180 Wet Tons @ $1.40 Per Ton	101 05
Surcharge 15%	
Federal Tax 3%	3 03
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $953.64	47 68
Defense Minerals Exploration Administration,	
C/O V. M. Trover, Executive Officer,	
DMEA Field Team, Region III	
224 New Customhouse, Denver 2, Colorado	
Total Deductions	158 76
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	905 96

DMEA
Date Rec'd.
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, _____

Purchased From _____

Pay CHIEF CONSOLIDATED MINING COMPANY — MAY 11, 1955

CHIEF CONSOLIDATED MINING COMPANY Shipping Point: C/O DOCK DRESSER, DEVILS YARD OREM, UTAH

Lot No. _____ Product _____ Mine _____ Gold License No. _____

Sampled by 287-GPO Received _____ Sampled _____ Assayed _____

Metal Quotations—Gold NEWYALE Silver _____ Copper, N. Y. _____ Lead, N. Y. _____ Zinc _____

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %		NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
	34.55			6.0						16.00		2.00
U. S. S. R. & M. Co.												
	.025	4.7	—	5.9			7.0				.27	.10
B & O Umpire	.025	5.1	.25	5.7			7.5				.15	.10
Less Non-Sulphide				5.7 Av.			7.23 Av.					
Settlement				.24			.14				.21	.14

CAR NOS.	NET WEIGHT	METAL VALUES				TREATMENT CHARGES		DEBIT	CREDIT
	.025	4.9	.10	5.19	56.1	6.6	7.11	7.10	
		Gold	% @						
UP 64303	91860	Silver	36% @	22.463					
UP 64036	93920	Copper	70	20.00					
UP 65034	90940	Lead							
UP 64331	96480	Zinc							
UP 62718	82980								
Total Weight									
Containers									
Wet Weight									
Moisture %	456180	Total Metal Value							
Dry Weight 1.2	5474	Less Treatment Charge							
	450706								

		Based on	% Lead			
		Variation from	% Lead			
3 09		Labor	xxxx		3 05	
		Insoluble				
5 52		Zinc, excess over	%			
5 30		Sul., excess over	%			
		As., excess over	%			
		Iron				
		Lime				
		Concession Credit			50	
		Net Treatment Charge				

Payment for 225,353 Dry Tons @ 3 45 Per Ton 3 45

				DEDUCTIONS	
Freight (Value under Per Ton)		Wet Tons @ 15.11	Per Ton		3405 08
Surcharge 15%	$8.00	228.096	$1.60	319 33	
Federal Tax 3%					
Handling Charge					
Assay Charge				9 58	
Umpire Charge					
Watching Charge				7 00	
Sampling Charge					
Hauling	Wet Tons @	Per Ton			
Federal Tax 3%					
Pay Hauling & Tax to:					
Royalty:					
5% of $3069.37				153 46	
Defense Minerals Exploration Administration,					
C/O W. M. Traver, Examining Geologist,					
DMEA Field Team, Region III					
224 New Customhouse, Denver 2, Colorado					
Total Deductions					
Amount Withheld Pending Receipt of Silver Affidavit					489 37
			Net Payment		2915 71

DMEA
Date Rec'd.
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MAY 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY
Shipping Point DOLLY HOLLOW, SALT LAKE CITY, UTAH

Lot No. 288.000 Product CRUDE Mine DOLLY, UTAH Gold License No.
Sampled by MEDVALE Received 4-29-55 Sampled CHIEF NO. 1 Assayed
Metal Quotations—Gold 34.9167 Silver 90.00 Copper, N. Y. 5-3-55 Lead, N. Y. 5-4-55 Zinc 25.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %		NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.032	4.8	—	5.6			6.3				.27	.18
R & D	.035	5.1	.20	6.0			7.0				.20	.10
R & D Umpire				5.9			6.7					
Less Non-Sulphide					.24			.14			.24	.14
Settlement	.0305	4.95	.10	5.66	57.2	6.1	6.56	6.8				

CAR NOS.	NET WEIGHT
[illegible]	85740
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	127200
Total Weight	
Containers	
Wet Weight	500000
Moisture 1.0%	5000
Dry Weight	501000

METAL VALUES

Gold	% @	
Silver	200 @	22.2223
Copper	70	90.00
Lead		
Zinc		
Total Metal Value		
Less Treatment Charge		

TREATMENT CHARGES

		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead		
Labor		3 35	
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge			

Payment for 250.906 Dry Tons @ 3 45 Per Ton 3 45

Freight (Value under $8.00 Per Ton) 14.87 Wet Tons @ $1.40 Per Ton 3730 97

DEDUCTIONS	
Surcharge 15% 253.440	
Federal Tax 3%	354.82
Handling Charge	
Assay Charge	10 64
Umpire Charge	
Watching Charge	7 00
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 2% of $3756.51 Defense Minerals Exploration Administration, c/o W. R. Traver, Executive Officer, Mid Field Team, Region III 224 New Customhouse, Denver 2, Colorado	167 93
Total Deductions	
Amount Withheld Pending Receipt of Silver Affidavit	540 39
Net Payment	3190 58

DMEA
Date Rec'd.
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM CO. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MAY 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 604 ROLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 289-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 4-29-55 Sampled 5-3-55 Assayed 5-4-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.6	—	5.5			6.6				.20	.18
B & D	.030	5.1	.20	6.2			6.5				.20	.10
Union Umpire				5.7			6.7					
Less Non-Sulphide				.25			.14				.25	.14
Settlement	.026	4.85	.10	5.45	57.2	6.8	6.55	7.2	4.9			

CAR NOS.	NET WEIGHT
UP 66139	* 79620
UP 66240	85900
UP 65561	91980
UP 66028	90900
UP 65951	91960
* 80,000# minimum	
Weight to be used for freight purposes is 439460#	
Total Weight	
Containers	
Wet Weight	439460
Moisture 1.4 %	6152
Dry Weight	433308

METAL VALUES		
Gold 100 % @ 22.4543		58
Silver 70 % @ 90.00	3	06
Copper		
Lead	9	46
Zinc	4	94
Total Metal Value	18	04
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on [illegible]	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit		50		
Net Treatment Charge	3	45		

Payment for 216.654 Dry Tons @ 14 59 Per Ton 3160 98

			DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	219.920	Wet Tons @ $1.17 Per Ton	257	31
Surcharge 15%				
Federal Tax 3%			7	72
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $2884.95 Defense Minerals Exploration Administration, C/O W. H. Traver, Executive Officer, DMEA Field Team, Region III 224 New Customhouse, Denver 2, Colorado			144	25
Total Deductions			420	28
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment			2740	70

DMEA
Date Rec'd
MAY 13 1955
BUREAU OF MINES
Denver, Colorado

E4

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

Defense Minerals Administration
RECEIVED
MAY 18 1955

224 New Customhouse
Denver 2, Colorado

May 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMEA 1 and 1A, Contract I-DMA-84 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
4063	264-GPU-L	$ 65.77	
	272-GPU	202.43	$268.20
4072	274-GPU	$144.52	
	271-GPU	144.63	$289.15
4100	269-GPU	$ 65.08	
	273-GPU	152.66	
	275-GPU	197.99	
	277-GPU	185.29	
	278-GPU	146.29	$747.31
4143	281-GPU	$155.22	
	282-GPU	163.29	
	283-GPU	154.96	$473.47
4177	286-GPU	$52.47	$52.47

W. M. TRAVER
W. M. Traver

Enclosures

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Copy to: Sec. pr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File 84
Royalty Report File
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Received
MAY 4 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, May 2, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. [illegible] Product [illegible] Mine CHIEF No. 1 Gold License No.

Sampled by [illegible] Received 4-28-55 Sampled 4-28-55 Assayed 4-29-55

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	14.9	—	5.2			6.7				.27	.20
[illegible]	.025	5.3	.30	5.5			6.7				.20	.10
Umpire				5.36 Av.			6.7 Av.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.023	5.1	.30	5.27	13.4	6.8	6.57	7.0	7.3			

CAR NOS.	NET WEIGHT
[illegible]	101500
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture 2.3 %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ 22.6[illegible]		51
Silver 70 % @ [illegible]	3	21
Copper		
Lead	0	52
Zinc	2	03
Total Metal Value	17	07
Less Treatment Charge	3	10

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	00		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
[illegible]		[illegible]		
Net Treatment Charge	3	[illegible]		

Payment for [illegible] Dry Tons @ 24.02 Per Ton [illegible]

		DEDUCTIONS
Freight (Value under 86.50 Per Ton) 234.760 Wet Tons @ [illegible] Per Ton		[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: [illegible]		[illegible]
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Date Rec'd.
MAY 2, 1955

Salt Lake City, Utah, MAY 2, 1955

MAY 4 1955
BUREAU OF MINES
Denver, Colorado

Purchased From [illegible]
Pay [illegible], 402 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: [illegible], UTAH

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	5.3	—	7.0			7.1				.30	.18
[illegible]	.023	5.7	.20	7.1			7.6				.25	.15
Umpire				7.05 Av.			7.35 Av.					
Less Non-Sulphide				.28			.27				.28	.17
Settlement	[illegible]	5.5	.10	6.77	17.7	5.4	7.19	7.3	7.3			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
[illegible]	[illegible]	Gold [illegible] % @ [illegible]		[illegible]					
[illegible]	[illegible]	Silver [illegible] % @ 90.00	3	[illegible]	Based on 2% Lead	3	95		
[illegible]	[illegible]	Copper			Variation from % Lead				
[illegible]	[illegible]	Lead	32	98	Labor				
[illegible]	[illegible]	Zinc	5	45	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concentrate Credit		50		
Containers									
Wet Weight	[illegible]								
Moisture [illegible] %	[illegible]	Total Metal Value	[illegible]	52					
Dry Weight	[illegible]	Less Treatment Charge	9	45	Net Treatment Charge	3	45		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible] 36

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	358	69
Surcharge 15%			
Federal Tax 3%		10	77
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: [illegible]		[illegible]	29
[illegible]			
Total Deductions		581	95
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		2520	42

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 4 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, [illegible]

Purchased From [illegible]

Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] **Product** [illegible] **Mine** [illegible] **Gold License No.**

Sampled by [illegible] **Received** [illegible] **Sampled** [illegible] **Assayed** [illegible]

Metal Quotations—Gold [illegible] **Silver** [illegible] **Copper, N. Y.** [illegible] **Lead, N. Y.** [illegible] **Zinc** [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	5.7	—	5.6			6.2				.27	.23
[illegible]	.025	6.2	.20	5.5			6.0				.30	.30
Umpire				5.55 Av.			6.1 Av.					
Less Non-Sulphide				.00			.24				.23	.24
Settlement	.022	5.0	.20	5.23	[illegible]	5.6	6.0	6.0	7.4			

CAR NOS.	NET WEIGHT
[illegible]	118720
[illegible]	131620
[illegible]	132280
[illegible]	123920
[illegible]	129680
Total Weight	
Containers	
Wet Weight	629100
Moisture 2.5 %	15730
Dry Weight	613370

METAL VALUES		
Gold	100 % @ [illegible]	[illegible]
Silver	70 % @ 90.00	3 [illegible]
Copper		
Lead		2 [illegible]
Zinc		4 [illegible]
Total Metal Value		27 [illegible]
Less Treatment Charge		3 [illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 93	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Wages			50
Net Treatment Charge		3 43	

Payment for 307.05 **Dry Tons @** 24.26 **Per Ton** [illegible]

		DEDUCTIONS
Freight (Value under 18.00 Per Ton)	315.850 Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		13 27
Handling Charge		
Assay Charge		9 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	5% of [illegible]	297 99
	Bureau of Mines, Regional Mineral Examiner,	
	210 U. S. Courts, Executive Office,	
	Post Office Box, Region [illegible],	
	221 Day Construction,	
	Denver 2, Colorado	

Total Deductions 660 25

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3703 77

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

705

DMEA Date Rec'd MAY 4 1955

Salt Lake City, Utah, MAY 2, 1955

Purchased From [illegible]

Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. BUREAU OF MINES Denver, Colorado

Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.9	—	5.5			6.3				.27	.18
B & O	.025	6.3	.20	6.0			6.2				.23	.10
Union Umpire				5.6			6.25 Av.					
Less Non-Sulphide				.25			.14				.25	.14
Settlement	.020	6.2	.10	5.34	69.20	5.7	6.11	7.0	7.3			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
350,000# minimum	
Weight to be used for ~~freight~~ purposes 30 [illegible]	
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	100 % @ [illegible]	[illegible]
Silver	[illegible] % @ [illegible]	[illegible]
Copper		
Lead		[illegible]
Zinc		[illegible]
Total Metal Value		[illegible]
Less Treatment Charge		[illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	[illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Concentration Credit~~		50	
Net Treatment Charge		[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton 3406 21

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	[illegible]
Handling Charge	
Assay Charge	[illegible]
Umpire Charge	[illegible]
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: [illegible]	152 65
Total Deductions	505 47
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	[illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAY 4 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, MAY 2, 1955

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by [illegible] Received 4-20-55 Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	4.4	—	4.20			5.7				.27	.18
B & D	.035	4.7	.20	4.40			5.5				.23	.10
Umpire				4.30 Av.			5.6					
Less Non-Sulphide				.21			.14				.23	.14
Settlement	.030	4.55	.20	4.19	57.4	5.2	5.45	6.6	8.2			

CAR NOS.	NET WEIGHT
[illegible]	12700
[illegible]	12200
[illegible]	12700
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	
[illegible]	
[illegible]	
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	100 % @ [illegible]	[illegible]
Silver	70 % @ 90.00	2 [illegible]
Copper		
Lead		6 [illegible]
Zinc		4 [illegible]
Total Metal Value		13 [illegible]
Less Treatment Charge		3 [illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	7% Lead	3 [illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
[illegible]		[illegible]	
Net Treatment Charge		[illegible]	

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		7 [illegible]
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: [illegible]		[illegible]
[illegible]		
[illegible]		
[illegible] 224 New Customhouse		
[illegible]		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING, REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Rec'd
MAY 6 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MAY 4, 1955

Purchased From [illegible] CONSOLIDATED MINING COMPANY
Pay [illegible] CONSOLIDATED MINING COMPANY, [illegible] BUILDING, SALT LAKE CITY

Shipping Point: [illegible], UTAH

Lot No. [illegible] Product [illegible] Mine [illegible] NO. 2 Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3	—	5.7			7.0				.27	.20
D & D	.025	5.1	.20	5.9			7.4				.20	.10
Umpire				5.8 As.			7.2 As.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.0229	4.63	.20	5.46	53.1	6.6	7.03	7.6	6.2			

CAR NOS.	NET WEIGHT
[illegible]	10140
[illegible]	9520
[illegible]	9920
[illegible]	9450
[illegible]	9920

METAL VALUES		
Gold	[illegible] % @ 34.9125	[illegible]
Silver	90 % @ 90.00	3 06
Copper		
Lead		9 [illegible]
Zinc		5 [illegible]
Total Metal Value		18 57
Less Treatment Charge		2 [illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 35	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Contraction Credit			[illegible]
Net Treatment Charge		3 [illegible]	

Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

Payment for [illegible] Dry Tons @ 15 12 Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	9 [illegible]
Handling Charge	
Assay Charge	7 [illegible]
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to	
Royalty: [illegible]	[illegible]
[illegible]	
[illegible]	
[illegible]	
[illegible]	
Denver 2, Colorado	

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Rec'd.
MAY 6 1955

Salt Lake City, Utah, MAY 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 600 DOOLY BUILDING, SALT LAKE CITY

Shipping Point: EUREKA, UTAH

Lot No. 222-CPU Product CONC Mine CHIEF NO. 1 Gold License No. BUREAU OF MINES, Denver, Colorado

Sampled by [illegible] Received 4-25-55 Sampled 4-27-55 Assayed 4-30-55

Metal Quotations—Gold 34.9725 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.3	[illegible]	5.5			7.2				.27	.17
J & D	.023	4.7	.20	5.8			7.6				.30	.20
Umpire				5.65 Av.			7.4 Av.					
Less Non-Sulphide				.27			.14				.29	.14
Settlement	.025	4.5	.20	5.35	10.7	5.7	7.26	7.6	[illegible]			

CAR. NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
UP 64020	20360	Gold	100 % @ $34.9725	56					
UP 69724	20320	Silver	70 % @ $90.00	2 04	Based on % Lead	3	95		
UP 64001	20540	Copper	}		Variation from % Lead				
UP 65873	20160	Lead	}	9 29	Labor				
UP 65778	20200	Zinc		6 53	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Depreciation Credits		50		
Containers									
Wet Weight	103540								
Moisture 0 %	9312	Total Metal Value		18 21					
Dry Weight	93785	Less Treatment Charge		3 45	Net Treatment Charge	3	45		

Payment for 222.884 Dry Tons @ 42.06 Per Ton 3970 21

		DEDUCTIONS	
Freight (Value under 36.50 Per Ton)	246.020 Wet Tons @ 1.07 Per Ton	263	22
Surcharge 15%			
Federal Tax 3%		9	66
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $3235.77	263	20
	Defense Minerals Exploration Administration		
	C/O W. M. Tracy, Executive Officer		
	DMEA Field Team, Region III,		
	221, New Customhouse,		
	Denver 2, Colorado		
Total Deductions		297	72
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3102	48

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd MAY 6 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah, MAY 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: SIERRA, UTAH

Lot No. [illegible] Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by [illegible] Received 4-28-55 Sampled 4-26-55 Assayed 4-29-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.5	—	5.3			7.3				.27	.18
B & D	.025	4.9	.20	5.6			7.9				.20	.15
J & R Umpire				5.45 Av.			8.0					
Less Non-Sulphide				.24			.17				.24	.17
Settlement	.025	4.7	.10	5.21	17.8	6.1	7.23	7.9	7.7			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	100 % @ 22.4643	[illegible]
Silver	50 % @ 90.00	2 [illegible]
Copper		
Lead		9 [illegible]
Zinc		5 [illegible]
Total Metal Value		18 [illegible]
Less Treatment Charge		3 [illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	1% Lead	3 55	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentration Cost		50	
Net Treatment Charge		3 [illegible]	

Payment for [illegible] Dry Tons @ 15 00 Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	9 00
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: [illegible]	[illegible]
Bureau Mines Information Administration	
C/O W. E. Trotter, Executive Officer,	
[illegible]	
[illegible]	
Denver 2, Colorado	
Total Deductions	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	[illegible]

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FORM C.O. 77-2

703

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MAY 9 1955

DMEM
Date Rec'd

Purchased From [illegible]
Pay [illegible]

Shipping Point: [illegible]

MAY 9 1955
BUREAU OF MINES
Denver, Colorado

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by Received [illegible] Sampled [illegible] Assayed
Metal Quotations—Gold 34.91 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.2	—	4.10			5.90				.27	.18
[illegible]	.015	4.3	.20	4.50			6.00				.23	.10
[illegible] Umpire				4.30			5.95 Av.					
Less Non-Sulphide				.26			.24				.26	.14
Settlement	.020	4.2	.10	4.04	57.1	5.6	5.72	6.2	6.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
[illegible]	[illegible]	Gold [illegible] % @ [illegible]		45					
[illegible]	[illegible]	Silver 70 % @ 90.00	2	65	Based on % Lead	3	95		
[illegible]	[illegible]	Copper)			Variation from % Lead				
[illegible]	[illegible]	Lead)	6	46	Labor				
[illegible]	[illegible]	Zinc	4	33	Insoluble				
200,000 Minimum					Zinc, excess over %				
					Sul., excess over %				
Weights to be used					As., excess over %				
for freight purposes					Iron				
to 500,000#.					Lime				
Total Weight					[illegible]		50		
Containers									
Wet Weight	450240								
Moisture 2.3 %	10356	Total Metal Value	33	69					
Dry Weight	439884	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 224.527 Dry Tons @ 10 44 Per Ton 2317 10

		DEDUCTIONS	
Freight (Value under 75.00 Per Ton)	250.000 Wet Tons @ 9.0 Per Ton	225	00
Surcharge 15%			
Federal Tax 3%		6	90
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 2½ of 2018.71		52	67
[illegible] Exploration Association,			
c/o H. L. [illegible], [illegible] Minerals,			
[illegible], Region [illegible]			
[illegible], Denver 2, Colorado			
Total Deductions		300	95
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		2016	24

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]
Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Umpire				[illegible]			[illegible]	[illegible]				
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
[illegible]	[illegible]	Gold [illegible] % @ [illegible]		[illegible]					
[illegible]	[illegible]	Silver [illegible] % @ [illegible]		[illegible]	Based on % Lead				
[illegible]	[illegible]	Copper		[illegible]	Variation from % Lead	[illegible]	[illegible]		
[illegible]	[illegible]	Lead			Labor				
[illegible]	[illegible]	Zinc		[illegible]	Insoluble				
[illegible]	[illegible]			[illegible]	Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight									
Containers					[illegible]		[illegible]		
Wet Weight									
Moisture %	[illegible]	Total Metal Value							
Dry Weight	[illegible]	Less Treatment Charge		[illegible]	Net Treatment Charge				

Payment for [illegible] Dry Tons @ [illegible] Per Ton

			DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible]	Wet Tons @ [illegible] Per Ton		
Surcharge 15%			[illegible]	[illegible]
Federal Tax 3%				
Handling Charge			[illegible]	[illegible]
Assay Charge				
Umpire Charge			[illegible]	[illegible]
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton	[illegible]	
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: [illegible]			[illegible]	[illegible]
[illegible]				
[illegible]				
[illegible]				
[illegible]				
Total Deductions				[illegible]
Amount Withheld Pending Receipt of Silver Affidavit				
		Net Payment		[illegible]

/DMEA
Date Rec'd.
MAY 2 1955
BUREAU OF MINES
Denver, Colorado

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 27, 1955

Purchased From [illegible] CONSOLIDATED MINING COMPANY

Pay [illegible] CONSOLIDATED MINING COMPANY, [illegible] NEWHOUSE BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. [illegible] Product CRUDE Mine [illegible] NO. 1 Gold License No.

Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	7.0	[illegible]	6.7			9.1				.47	.40
S & D	.025	7.3	.2	7.1			9.2				.30	.20
[illegible] Umpire				7.3			9.15	[illegible]				
Less Non-Sulphide				.39			.30				.39	.30
Settlement	.025	7.25	.1	6.71	6.0	6.3	8.85	7.1	9.1			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
[illegible]		Gold [illegible] % @[illegible]		25						
		Silver [illegible] % @[illegible]	4	57	Based on	~~% Lead~~	3	05		
		Copper }			Variation from	% Lead				
		Lead }	11	69	Labor					
		Zinc	6	69	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					[illegible]			50		
Containers										
Wet Weight	[illegible]									
Moisture [illegible] %	[illegible]	Total Metal Value	[illegible]	[illegible]						
Dry Weight	[illegible]	Less Treatment Charge	[illegible]	[illegible]	Net Treatment Charge		[illegible]	[illegible]		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

			DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible]	Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%			
Federal Tax 3%			[illegible]
Handling Charge			
Assay Charge			7 00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	[illegible]		65 77
	Defense Minerals Exploration Administration		
	C/O U. S. Bureau, Exploration Office		
	[illegible] Region [illegible]		
	Denver 2, Colorado		

DMEA
Date Rec'd.
MAY 2 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions [illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Purchased From [illegible]
Pay [illegible]

Shipping Point:

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Umpire	[illegible]	[illegible]		[illegible]			[illegible]				[illegible]	[illegible]
Less Non-Sulphide							[illegible]					
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
[illegible]	[illegible]	Gold [illegible] % @ [illegible]		[illegible]					
[illegible]	[illegible]	Silver [illegible] % @ [illegible]		[illegible]	Based on % Lead	[illegible]	[illegible]		
[illegible]	[illegible]	Copper			Variation from % Lead				
[illegible]	[illegible]	Lead		[illegible]	Labor				
[illegible]	[illegible]	Zinc		[illegible]	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					[illegible]				
Containers									
Wet Weight	[illegible]								
Moisture %		Total Metal Value		[illegible]					
Dry Weight	[illegible]	Less Treatment Charge		[illegible]	Net Treatment Charge				

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		[illegible]
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	[illegible]	[illegible]
[illegible]		
[illegible]		
[illegible]		
[illegible]		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
	Net Payment	[illegible]

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

705

Salt Lake City, Utah, April 20, 1955

Purchased From: Grey Consolidated Mining Company
Pay: Grey Consolidated Mining Company, 601 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 27-091 | Product: Ore | Mine: Grey No. 1 | Gold License No.
Sampled by: Mining | Received: 4-20-55 | Sampled: 4-21-55 | Assayed: 4-22-55
Metal Quotations—Gold: 34.9025 | Silver: 90.00 | Copper, N. Y.: — | Lead, N. Y.: 16.00 | Zinc: 12.00

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.3	—	5.10			5.9				.30	.20
S & D	.025	5.7	.20	5.40			6.5				.15	.20
S & D Umpire				5.23 Av.			6.0					
Less Non-Sulphide				.23			.15				.23	.15
Settlement	.025	5.5	.10	5.02	93.0	5.7	5.85	7.2	7.0			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ [illegible]		57
Silver 70 % @ 90.00	3	47
Copper		
Lead	3	43
Zinc	4	26
Total Metal Value	16	09
Less Treatment Charge	3	16

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	00		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Commercial Charges			50		
Net Treatment Charge		3	16		

Payment for [illegible] Dry Tons @ 19 34 Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	[illegible]
Handling Charge	
Assay Charge	7 50
Umpire Charge	4 50
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of [illegible]	[illegible]
Defense Minerals Exploration Administration	
c/o U. M. Jones, Executive Office	
[illegible] Building, Boulder City	
Denver 2, Colorado	
Total Deductions	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	[illegible]

E-4

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

RECEIVED
MAY 2 - 1955

224 New Customhouse
Denver 2, Colorado

April 27, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3984	256-GPU-L	$ 53.33	
	262-GPU	171.29	
	265-GPU	151.86	$376.48
4000	263-GPU	$183.03	
	266-GPU	194.23	
	267-GPU	123.25	
	268-GPU	159.18	
	270-GPU-L	54.20	$724.89

W. M. TRAVER

W. M. Traver

Enclosures

ld

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Chron

FORM C. 2. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 270-CHI-1 Product CRUDE Mine CHIEF No. 2 Gold License No.
Sampled by MIDVALE Received 4-13-55 Sampled 4-16-55 Assayed 4-18-55
Metal Quotations—Gold 34.0125 Silver 90.0 Copper, N. Y. [illegible] Lead, N. 15.0 Zinc 11.592

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	7.7	—	5.1			8.6			.40	.21	
B & D	.025	7.7	.20	5.7			9.2			.25	.15	
Umpire				5.55 Av.			8.65					
Less Non-Sulphide				.33			.18			.33	.18	
Settlement	.02	7.7	.10	5.22	38.1	3.9	8.47	7.0	11.0			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
RC 73390		Gold 100 % @2.1613	15			
		Silver 70 % @0.0	4 55	Based on 5% Lead	3 95	
		Copper }		Variation from % Lead		
		Lead }	9 05	Labor		
		Zinc	6 23	Insoluble		
				Zinc, excess over %		
				Sul., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Corporation Credit	50	
Containers						
Wet Weight	141550					
Moisture 2.3 %	3254	Total Metal Value	20 00			
Dry Weight	138296	Less Treatment Charge	3 15	Net Treatment Charge	3 15	

Payment for 70.618 Dry Tons @ 17 15 Per Ton 1211 10

		DEDUCTIONS
Freight (Value under $10.00 Per Ton) 72.28 Wet Tons @1.56 Per Ton		112.76
Surcharge 15%		
Federal Tax 3%		3 38
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of 21060.96		54 20
~~Defense Minerals Exploration Administration,~~		
~~C/O U. H. Trevor, Executive Officer~~		
~~DMEA Field Team, Region III~~		
~~Denver 2, Colorado~~		
Total Deductions		181 34
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		1029 76

DMEA
Date Rec'd.

APR 25 1955

BUREAU OF MINES
Denver, Colorado

FORM CP. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 2[illegible] Product ORES Mine CHIEF NO. 2 Gold License No.

Sampled by [illegible] Received 4-13-55 Sampled 4-16-55 Assayed 4-18-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.0 Zinc 13.5[illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.8	—	5.6			6.6				.27	.18
B & D	.025	6.2	.20	6.0			7.0				.20	.15
B & D Umpire				5.7			6.8 Ave.					
Less Non-Sulphide				.24			.17					
Settlement	.025	5.95	.10	5.46	54.7	5.6	6.63	7.4	6.1			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 200 % @ [illegible]		56
Silver 70 % @ [illegible]	2	75
Copper		
Lead	9	47
Zinc	8	77
Total Metal Value	20	55
Less Treatment Charge	2	55

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 55	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Penalties Scale		50	
Net Treatment Charge		3	

Payment for [illegible] Dry Tons @ [illegible] Per Ton 3536 50

		DEDUCTIONS
Freight (Value under Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		[illegible]
Handling Charge		
Assay Charge		[illegible]
Umpire Charge		[illegible]
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: [illegible]		[illegible]
[illegible]		
C/O [illegible]		
[illegible]		
[illegible]		
Denver 2, Colorado		

Total Deductions 503 02

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3034 [illegible]

DMEA
Date Rec'd.
APR 25 1955
BUREAU OF MINES
Denver, Colorado

FORM C.P. 77-2-8

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, APRIL 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 267-CPU Product CRUDE Mine CHIEF NO. 3 Gold License No.

Sampled by DUVAIL Received 4-13-55 Sampled 4-16-55 Assayed 4-19-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.0 Zinc 11.592

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.2	—	5.0			7.3				.27	.20
B & D	.025	5.3	.20	5.0			7.9				.10	.15
Referee Umpire							7.4					
Less Non-Sulphide				.19			.18				.19	.18
Settlement	.025	5.2	.20	4.81	96.5	5.1	7.23	7.2	4.8			

CAR NOS.	NET WEIGHT
UP 65918	92400
UP 64868	95260
UP 64121	88960
UP 62483	80580
UP 60080	94740
Total Weight	
Containers	
Wet Weight	461920
Moisture 3.1%	14320
Dry Weight	447600

METAL VALUES		
Gold 100 % @ 22.4640		56
Silver 70 % @ 90.0	3	28
Copper }		
Lead }	7	66
Zinc	3	24
Total Metal Value	16	74
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Charge			50		
Net Treatment Charge		3	45		

Payment for 223.800 Dry Tons @ 13 29 Per Ton 2974 30

		DEDUCTIONS	
Freight (Value under 36.50 Per Ton)	230.96 Wet Tons @ 1.17 Per Ton	270	22
Surcharge 15%			
Federal Tax 3%		8	11
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of 2974.30		134	25
Defense Minerals Exploration Administration			
C/O W. M. Weaver, Executive Officer			
DMEA Field Team, Region III			
233 New Customhouse			
Denver 2, Colorado			
Total Deductions		423	98
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		2550	72

DMEA
Date Rec'd.

APR 25 1955

BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 600 FOOTE BUILDING, SALT LAKE CITY, UTAH
Shipping Point: NEWTON, UTAH

Lot No. [illegible] Product CHUTE Mine CHIEF NO. 1 Gold License No.
Sampled by [illegible] Received 4-16-55 Sampled 4-16-55 Assayed
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. 6-1E-55 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.5	[illegible]	5.4			7.2				.27	.20
S.A.P.	.02	5.7	.20	5.5			6.0				.20	.15
Umpire				5.45	[illegible]		7.75					
Less Non-Sulphide				.24			.10				.24	.10
Settlement	[illegible]	5.6	.10	5.22	55.0	6.2	7.57	7.7	2.6			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	100 % @ [illegible]	[illegible]
Silver	70 % @ 90.0	3 55
Copper		
Lead		9 02
Zinc		5 78
Total Metal Value		[illegible]
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for [illegible] Dry Tons @ 15 38 Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) Wet Tons @ [illegible] Per Ton	
Surcharge 15% [illegible]	401 17
Federal Tax 3%	
Handling Charge	27 03
Assay Charge	
Umpire Charge	7 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty:	
3% of [illegible]	194 73
Defense Minerals Exploration Administration	
C/O M. T. Trover, Executive Officer	
DMEA Field Team, Region III	
[illegible] New Customhouse	
Denver 2, Colorado	
Total Deductions	
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	

DMEA 614 33
Date Rec'd.

3690 50

APR 25 1955

BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: MERCUR, UTAH

Lot No. 249 PST Product CONC Mine CHIEF NO. 2 Gold License No.
Sampled by MIDVALE Received 4-11-55 Sampled 4-20-55 Assayed 4-25-55
Metal Quotations—Gold 34.9095 Silver 90.0 Copper, N. Y. [illegible] Lead, N. Y. 14.0 Zinc 13.592

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.8	—	5.6			6.9				.37	.18
B & B	.025	5.1	.20	6.2			7.0				.25	.10
Umpire				5.9			6.95					
Less Non-Sulphide				.31			.14				.31	.14
Settlement	.0225	4.95	.10	5.59	55.0	5.1	6.81	7.2	3.0			

CAR NOS.	NET WEIGHT
RG 75262	130740
RG 72343	133920
RG 47272	55680
RG 46000	84540
RG 72162	133940
Total Weight	
Containers	
Wet Weight	566820
Moisture 2.0 %	11338
Dry Weight	555482

METAL VALUES		
Gold 100 % @$35.1613		53
Silver 70 % @90.0	3	22
Copper		
Lead	9	73
Zinc	4	02
Total Metal Value	18	27
Less Treatment Charge	3	15

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 275.191 Dry Tons @ 14.62 Per Ton 4076 33

		DEDUCTIONS
Freight (Value under 35.00 Per Ton)	283.42 Wet Tons @ 62.49 Per Ton	396.77
Surcharge 15%		
Federal Tax 3%		11 90
Handling Charge		
Assay Charge		7 50
Umpire Charge		2 50
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: $ of $3660.66		183 03
Defense Minerals Exploration Administration		
C/O W. A. Travers, Executive Officer		
DMEA Field Team, Region III		
221 New Customhouse		
Denver 2, Colorado		
Total Deductions		600 78
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3477 63

DMEA
Date Rec'd.
APR 25 1955
BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 20, 1955

Purchased From [illegible]
Pay [illegible] COMPANY, [illegible] SALT LAKE CITY, UTAH
Shipping Point: [illegible]

Lot No. [illegible] **Product** [illegible] **Mine** [illegible] **Gold License No.**
Sampled by [illegible] **Received** 4-8-55 **Sampled** 4-22-55 **Assayed** 4-20-55
Metal Quotations—Gold 34.9125 **Silver** 90.0 **Copper, N. Y.** [illegible] **Lead, N. Y.** [illegible] **Zinc** [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	5.3	—	5.2			7.2				.27	.20
[illegible]	.025	5.7	.20	5.6			7.4				.35	.10
[illegible] Umpire				5.4			7.3					
Less Non-Sulphide				.22			.35				.22	.35
Settlement	.025	5.5	.20	5.30	54.4	4.8	7.15	7.3	6.3			

CAR NOS.	NET WEIGHT
[illegible]	97320
[illegible]	95560
[illegible]	95750
[illegible]	95460
[illegible]	97500
Total Weight	
Containers	
Wet Weight	471410
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold	[illegible] % @ [illegible]	[illegible]
Silver	70 % @ 90.0	3 [illegible]
Copper		
Lead		0 [illegible]
Zinc		5 [illegible]
Total Metal Value		35 [illegible]
Less Treatment Charge		3 [illegible]

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 [illegible]	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
~~Correction Credit~~		[illegible]	
Net Treatment Charge		3 [illegible]	

Payment for 230.835 **Dry Tons @** [illegible] **Per Ton** [illegible]

		DEDUCTIONS
Freight (Value under 68.00 Per Ton)	237.22 Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		9 [illegible]
Handling Charge		
Assay Charge		7 [illegible]
Umpire Charge		2 [illegible]
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty:	[illegible]	[illegible]
	Bureau Mineral Exploration Administration,	
	[illegible] Terrace, Executive Office	
	DMEA Field Team, Region III	
	224 Sw Customhouse	
	Denver 2, Colorado	
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

DMEA
Date Rec'd.
APR 25 1955

BUREAU OF MINES
Denver, Colorado

FORM C-O 77-3

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 21, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 505 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. [illegible] Product [illegible] Mine CHIEF NO. 1 Gold License No.

Sampled by Received 4-21-55 Sampled 4-16-55 Assayed 4-18-55

Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.0 Zinc 12.0

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.1	—	5.9			7.0				.50	.20
[illegible]	.025	5.1	.20	6.2			7.4				.30	.15
Umpire				6.05 Av.			7.2					
Less Non-Sulphide				.10			.18				.40	.18
Settlement	.0225	5.1	.20	5.85	53.0	[illegible]	7.02	6.5	6.9			

CAR NOS.	NET WEIGHT
UP 66245	92840
UP 66653	91680
UP 64207	98020
UP 64653	95640
UP 71420	195920
Total Weight	
Containers	
Wet Weight	566120
Moisture 2.5 %	14686
Dry Weight	551436

METAL VALUES		
Gold 100 % @ 22.1043		22
Silver 70 % @ 5.0	3	21
Copper		
Lead	9	66
Zinc	3	22
Total Metal Value	36	30
Less Treatment Charge	3	15

TREATMENT CHARGES	DEBIT	CREDIT
Based on ~~% Lead~~	3	95
Variation from " % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concentration Cost 20		50
Net Treatment Charge	3	15

Payment for 275.718 Dry Tons @ 33.15 Per Ton 9797.00

DEDUCTIONS	
Freight (Value under 50.00 Per Ton) 253.26 Wet Tons @ 1.45 Per Ton	367.22
Surcharge 15%	
Federal Tax 3%	10.53
Handling Charge	
Assay Charge	7.00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 53 @ 12425.01	172.29
Defense Minerals Exploration Administration	
C/O U. S. Treasury, Procurement Officer	
Data Processing, Region VII	
221 Rio Grande Building	
Denver 2, Colorado	
Total Deductions	549.34
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3254.55

/DMEA
Date Rec'd.

APR 25 1955

BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-3

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 20, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, C/O DOLLY BUTLDER, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 255-2514 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MURPHY Received 4-6-55 Sampled 4-21-55 Assayed 4-22-55

Metal Quotations—Gold 34.9123 Silver 90.0 Copper, N. Y. 27.3 Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	3.1	—	7.1			9.3				.63	.61
B & D	.025	3.3	.20	7.4			9.8				.80	.45
D & N Umpire				7.25 Av.			9.55				.95	.53
Less Non-Sulphide				.95			.53					
Settlement	.025	3.2	.10	6.3	13.8	6.1	9.02	7.4	6.1			

CAR NOS.	NET WEIGHT
PC 21255	
Total Weight	
Containers	
Wet Weight	143060
Moisture 2.6 %	3720
Dry Weight	139340

METAL VALUES		
Gold 100 % @ 22.1643		56
Silver 65 % @ 90.0	1	57
Copper		
Lead	22	24
Zinc	6	47
Total Metal Value	30	74
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Corporation Credit		50		
Net Treatment Charge	3	45		

Payment for 69.670 Dry Tons @ 16 49 Per Ton 1176 73

			DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	71.59	Wet Tons @ $1.40 Per Ton	100	24
Surcharge 15%				
Federal Tax 3%			3	00
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $1066.59			53	33
Defense Minerals Exploration Administration				
C/O E. M. Trauer, Executive Officer				
DMEA Field Team, Region III				
224 New Customhouse				
Denver 2, Colorado				

Total Deductions 163 67

DMEA Date Rec'd

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1013 26

APR 25 1955

BUREAU OF MINES
Denver, Colorado

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

Defense Minerals Administration
RECEIVED
APR 25 1955

224 New Customhouse
Denver 2, Colorado

April 19, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3904	254-GPU	$254.31	
	257-GPU-L	36.30	
	258-GPU	194.87	
	261-GPU	212.11	$697.59
3918	259-GPU-L	$45.09	
	260-GPU	224.93	$270.02

W. M. TRAVER,

W. M. Traver

Enclosures

1d

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
D. R. Wilson w/settlement sheets
Royalty File E4
Chron

C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 14, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 254-070 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by HIDDALE Received 4-5-55 Sampled 4-7-55 Assayed 4-8-55
Metal Quotations—Gold 34.0325 Silver 90.00 Copper, N. Y. .203 Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.3	—	7.1			8.3				.27	.18
B & D	.025	5.7	.20	7.6			8.3				.15	.10
Umpire Bergwall				7.2			8.3 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	5.5	.10	6.99	15.6	8.0	8.16	8.3	1.6			

CAR NOS.	NET WEIGHT
RG 70254	142750
RG 49259	96360
RG 72426	127760
RG 46545	130800
RG 77953	132500
Total Weight	
Containers	
Wet Weight	605200
Moisture 2.9%	17656
Dry Weight	587544

METAL VALUES		
Gold 100 % @ 34.0325		56
Silver 70 % @ 90.00	3	27
Copper }		
Lead }	22	39
Zinc	5	53
Total Metal Value	22	35
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 295.572 Dry Tons @ 18.90 Per Ton 5586 32

DEDUCTIONS		
Freight (Value under $10.00 Per Ton) 304.450 Wet Tons @ $1.56 Per Ton	474	86
Surcharge 15%		
Federal Tax 3%	14	23
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $5586.32 Defense Minerals Exploration Administration C/O W. M. Traver, Executive Officer DMEA Field Team, Region III 224 Post Customhouse Denver 2, Colorado	254	32
Total Deductions		754 43
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4832 89

DMEA
Date Rec'd.
APR 18 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.of 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 14, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY
Pay: CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 257-CE U.I. Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by ITIVIRE Received 4-1-55 Sampled 4-5-55 Assayed 4-6-55
Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.7	—	5.4			6.6				.40	.30
B & D	.025	6.1	.20	6.0			9.0				.50	.35
D & N Umpire				5.7			8.8 Av.					
Less Non-Sulphide				.45			.23				.45	.23
Settlement	.02	5.6	.10	5.25	35.5	4.5	8.57	7.2	22.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT	CREDIT
RG 45207		Gold 100 % @ 22.4613		45			
		Silver 70 % @ 90.00	3	72	Based on % Lead	3 95	
		Copper }			Variation from % Lead		
		Lead }	9	33	Labor		
		Zinc	6	27	Insoluble		
					Zinc, excess over %		
					Sul., excess over %		
					As., excess over %		
					Iron		
					Lime		
Total Weight					Concession Credit	50	
Containers							
Wet Weight	105220						
Moisture 1.1%	1630	Total Metal Value	19	57			
Dry Weight	100590	Less Treatment Charge	3	45	Net Treatment Charge	3 45	

Payment for 50.295 Dry Tons @ 16 32 Per Ton 820 76

		DEDUCTIONS
Freight (Value under $6.00 Per Ton)	52.610 Wet Tons @ $1.40 Per Ton	73 65
Surcharge 15%		
Federal Tax 3%		2 21
Handling Charge		
Assay Charge		7 00
Umpire Charge		2 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $725.90		36 30
Defense Minerals Exploration Administration	DMEA	
C/O W. K. Traver, Executive Officer	Date Rec'd.	
DMEA Field Team, Region III		
224 New Customhouse	APR 18 1955	
Denver 2, Colorado		
	BUREAU OF MINES Denver, Colorado	

Total Deductions 121 16

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 699 60

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 14, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, CONSTITUTION BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 253.000 Product CONC Mine CHIEF NO. 1 Gold License No.

Sampled by MINTAB Received [illegible] Sampled [illegible] Assayed 4-7-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. end Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	[illegible]	6.5			8.2				.27	.20
B & D	.025	5.3	.20	6.9			8.4				.15	.10
C & D Umpire				6.8			8.3					
Less Non-Sulphide				.32			.35				.21	.15
Settlement	.0225	5.25	.20	6.59	44.6	7.0	8.25	7.8	7.6			

CAR NOS.	NET WEIGHT
UP 66415	10[illegible]20
UP 66005	86880
UP 64007	53260
UP 64040	97360
UP 66426	104420
Total Weight	
Containers	
Wet Weight	492620
Moisture 2.5 %	12266
Dry Weight	480254

METAL VALUES		
Gold 100 % @ $34.9125		51
Silver 70 % @ $90.00	3	24
Copper		
Lead	12	60
Zinc	5	99
Total Metal Value	22	09
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentrates Credit				50
Net Treatment Charge	3	45		

Payment for 241.127 Dry Tons @ 17 84 Per Ton 4301 71

			DEDUCTIONS	
Freight (Value under $10.00 Per Ton)	287.310 Wet Tons @ $1.36 Per Ton		385	80
Surcharge 15%				
Federal Tax 3%			11	57
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: [illegible] 2597.34			194	87
[illegible] Exploration Administration,				
[illegible] Director,				
[illegible] Denver,				
[illegible] Colorado				
Total Deductions			599	24
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment			3702	47

DMEA
Date Rec'd.
APR 18 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, APRIL 14, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 261 CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 4-4-55 Sampled 4-7-55 Assayed 4-7-55

Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.50 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.10	---	5.9			8.2				.27	.18
R & D	.025	5.30	.20	6.2			8.2				.15	.10
Umpire				6.0			8.15					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0225	5.20	.10	5.78	50.4	6.0	8.02	7.9	6.7			

CAR NOS.	NET WEIGHT
UP 66253	93440
UP 63933	95020
UP 64625	97280
UP 66636	101520
UP 63616	102560
UP 63110	99040
Total Weight	
Containers	
Wet Weight	590220
Moisture 5.4%	32168
Dry Weight	557954

METAL VALUES		
Gold 100 % @22.1643		53
Silver 70 % @90.00	3	28
Copper		
Lead	10	08
Zinc	5	82
Total Metal Value	19	69
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession Credit			50		
Net Treatment Charge		3	45		

Payment for 280.027 Dry Tons @ 16 23 Per Ton 4574 68

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 295.110 Wet Tons @ $1.40 Per Ton	413	15
Surcharge 15%		
Federal Tax 3%	12	39
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4212.34	212	11
Defense Minerals Exploration Administration		
C/O W. H. Trayer, Executive Officer		
DMEA Field Team, Region III		
234 New Customhouse		
Denver 2, Colorado		
Total Deductions	644	65
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4030	03

DMEA
Date Rec'd
APR 18 1955
BUREAU OF MINES
Denver, Colorado

Ed

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 15, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 BOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 227-GSU-1 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MCDANE Received 4-5-55 Sampled 4-7-55 Assayed 4-3-55

Metal Quotations—Gold 34.9123 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	2.8	—	5.1			9.3				.27	.45
B & D	.030	2.9	.20	5.2			10.0				.20	.50
Union Umpire				5.15 Av.			9.65					
Less Non-Sulphide				.24			.48				.24	.48
Settlement	.0275	2.85	.10	4.91	44.7	6.5	9.27	7.6	7.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 73112		Gold 100 % @ 23.2643		60						
		Silver 65 % @ 90.00	1	67	Based on	% Lead	3	95		
		Copper			Variation from	% Lead				
		Lead	8	45	Labor					
		Zinc	6	79	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concentration Credit			50		
Containers										
Wet Weight	147160									
Moisture 3.6 %	5298	Total Metal Value	17	74						
Dry Weight	141862	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 70.931 Dry Tons @ 14 09 Per Ton 999 12

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	73.560 Wet Tons @ $1.17 Per Ton	86	09
Surcharge 15%			
Federal Tax 3%		2	58
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $901.75	45	09
	Defense Minerals Exploration Administration		
	C/O W. E. Weaver, Executive Officer		
	DMEA Field Term, Region III		
	224 New Customhouse		
	Denver 2, Colorado		
Total Deductions			142 76
Amount Withheld Pending Receipt of Silver Affidavit			
	Net Payment		856 36

DMEA
Date Rec'd.
APR 18 1955
BUREAU OF MINES
Denver, Colorado

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

716

Salt Lake City, Utah, AUG. 15, 1955

Purchased From: CHIEF CONSOLIDATED MINING COMPANY

Pay: CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 361-GTU Product: CRUDE Mine: CHIEF NO. 2 Gold License No.

Sampled by: FIRMAN Received: 6-6-55 Sampled: 6-11-55 Assayed

Metal Quotations—Gold: 34.9125 Silver: 90.00 Copper, N. Y. Lead, N. Y.: 15.00 Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	1.7	—	6.3			6.3				.30	.20
B & D	.025	3.2	.20	6.2			6.5				.40	.15
Umpire				6.25 Av.			6.4 Av.					
Less Non-Sulphide				.35			.18				.35	.18
Settlement	.0225	1.9	.10	5.90	10.2	6.7	6.22	7.0	10.2			

CAR NOS.	NET WEIGHT
U 63418	103980
UP 65290	106600
RG 73681	165260
RG 71475	148600
RG 73081	155740

METAL VALUES		
Gold 100 % @ 22.1613		51
Silver 70 % @ 90.00		3 09
Copper		
Lead	10	33
Zinc	1	40
Total Metal Value	18	33
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead		
Variation from	% Lead	3 95	
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Total Weight
Containers
Wet Weight 662180
Moisture 3.0% 20436
Dry Weight 641744

Payment for 330.372 Dry Tons @ 14.88 Per Ton 4915 56

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	340.590 Wet Tons @ 61.17 Per Ton	396 49
Surcharge 15%		
Federal Tax 3%		11 95
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4,498.50 Defense Minerals Exploration Administration C/O W. K. Trevor, Executive Officer 224 New Customhouse Denver 2, Colorado		224 93

DMEA
~~Date Rec'd~~
APR 18 1955
BUREAU OF MINES
Denver, Colorado

Total Deductions 642 37

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4273 19

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 21 1955

224 New Customhouse
Denver 2, Colorado

April 18, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3800	247-GPU	$168.07	
	249-GPU	200.22	
	250-GPU	151.15	
	251-GPU	219.53	$738.97
3813	253-GPU-L	$45.71	$45.71
3861	252-GPU	$145.38	
	255-GPU	170.11	$315.49

W. M. TRAVER,

W. M. Traver

Enclosures
14
Copy to: Sec. Opr. Comm. ( ) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Chron

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 253-GTU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MILVALE Received 4-3-55 Sampled 4-4-55 Assayed 4-5-55
Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. 0.2 Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.00	—	6.0			8.0				.27	.18
B & D	.025	5.50	.20	6.2			8.2				.15	.20
Union Umpire		5.08		6.1 Av.			8.1 Av.					
Less Non-Sulphide				.21			.19				.21	.19
Settlement	.0225	5.08	.20	5.89	45.6	5.9	7.91	7.6	7.7			

CAR NOS.	NET WEIGHT
UP 66734	89140
UP 62831	92240
UP 64694	93400
UP 64922	97740
UP 65939	99680
Total Weight	
Containers	
Wet Weight	472300
Moisture 2.3%	10662
Dry Weight	461638

METAL VALUES		
Gold	100 % @ 27.4643	51
Silver	70 % @ 90.00	3 20
Copper	)	
Lead	)	10 27
Zinc		5 74
Total Metal Value		19 72
Less Treatment Charge		3 45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	3 95	
Variation from % Lead.		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 230.719 Dry Tons @ 16 27 Per Ton 3753 00

		DEDUCTIONS
Freight (Value under $8.00 Per Ton) 236.150 Wet Tons @ $1.40 Per Ton		330.61
Surcharge 15%		
Federal Tax 3%		9 92
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3402.27		170 11
Defense Minerals Exploration Administration		
C/O W. M. Traver, Executive Officer		
DMEA Field Team, Region III,		
224 New Customhouse,		
Denver 2, Colorado		
Total Deductions		521 64
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3232 16

DMEA
Date Rec'd
APR 13 1955

BUREAU OF MINES
Denver, Colorado

24

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 11, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 752-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 3-30-55 Sampled 4-1-55 Assayed 4-2-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	4.7	—	4.6			6.8				.27	.17
B & D	.025	5.1	.20	5.5			7.1				.15	.10
Union Umpire				5.2			6.95 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0235	4.9	.10	4.99	48.4	5.7	6.81	7.2	6.1			

CAR NOS.	NET WEIGHT
UP 62141	99100
UP 65907	104460
UP 64312	92060
UP 64070	92950
UP 64466	93060
Total Weight	
Containers	
Wet Weight	481680
Moisture 2.3 %	11078
Dry Weight	470602

METAL VALUES	
Gold 100 % @ 22.1643	63
Silver 70 % @ 90.00	3 09
Copper)	
Lead)	8 59
Zinc	4 86
Total Metal Value	17 07
Less Treatment Charge	3 45

TREATMENT CHARGES	DEBIT	CREDIT
Based on 15% Lead	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession Credit		50
Net Treatment Charge	3 45	

Payment for 235.301 Dry Tons @ 13 62 Per Ton 3204 00

		DEDUCTIONS
Freight (Value under $6.50 Per Ton)	240.840 Wet Tons @ $1.17 Per Ton	281.78
Surcharge 15%		
Federal Tax 3%		8 45
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2907.57		145 38
Defense Minerals Exploration Administration		
C/O W. N. Traver, Executive Officer,		
DMEA Field Team, Region III,		
224 New Customhouse		
Denver 2, Colorado		
Total Deductions		442 61
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2762 19

DMEA
Date Rec'd
APR 13 1955
BUREAU OF MINES
Denver, Colorado

E 4

FORM C.O. 77-2

06

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 8, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: DELTA, UTAH

Lot No. 260-CPR-2 **Product** CRUDE **Mine** CHIEF NO. 1 **Gold License No.**

Sampled by [illegible] **Received** 3-29-55 **Sampled** 3-22-55 **Assayed** 4-2-55

Metal Quotations—Gold 34.9326 **Silver** 90.00 **Copper, N. Y.** [illegible] **Lead, N. Y.** 15.00 **Zinc** [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	6.4	---	6.2			9.1				.27	.23
& D	.025	6.9	.20	6.6			9.8				.25	.20
Umpire				6.2			8.90					
Less Non-Sulphide				.26			.22				.26	.22
Settlement	.020	6.65	.10	5.94	35.4	1.9	8.58	7.8	10.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
1 [illegible]82		Gold	100% @ 22.4613	15						
		Silver	70% @ 90.00	4	19	Based on	%-Lead	3	95	
		Copper				Variation from	% Lead			
		Lead		10	98	Labor				
		Zinc		6	53	Insoluble				
						Zinc, excess over	%			
						Sul., excess over	%			
						As., excess over	%			
						Iron				
						Lime				
Total Weight						Concession Credit				
Containers										
Wet Weight	116610									
Moisture 2.3 %	3610	Total Metal Value		21	55					
Dry Weight	113024	Less Treatment Charge		3	45	Net Treatment Charge		3	40	

Payment for 56.512 **Dry Tons @** 18.10 **Per Ton** 1022.17

		DEDUCTIONS	
Freight (Value under $10.00 Per Ton)	55.320 Wet Tons @ 01.56 Per Ton	90	00
Surcharge 1.5%			
Federal Tax 3%		2	73
Handling Charge			
Assay Charge		7	00
Umpire Charge		8	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @	Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of 1014.16		45	71
Defense Minerals Exploration Administration			
C/O H. P. Trower, Executive Officer,			
DMEA Field Team, Region III,			
324 New Customhouse,			
Denver 2, Colorado			
Total Deductions		154	12
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		868	05

DMEA Date Rec'd APR 11 1955

BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 551 CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by WITTVALE Received 3-29-55 Sampled 3-21-55 Assayed 4-3-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. 80¢ Lead, N. Y. 15.00 Zinc 13.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	—	5.8			6.5				.50	.18
B & D	.025	5.9	.20	6.3			7.4				.25	.10
~~Kendall~~ Umpire		5.08		6.2			6.8					
Less Non-Sulphide				.38			.14				.38	.14
Settlement	.0225	5.03	.10	5.82	32.5	4.5	6.66	7.2	13.1			

CAR NOS.	NET WEIGHT
RG 46236	305960
RG 72981	144700
RG 71168	360880
RG 46864	307360
RG 70473	149820
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture 3.7%	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold 100 % @ 22.6645		57
Silver 70 % @ 90.00	3	20
Copper		
Lead	30	19
Zinc	4	74
Total Metal Value	38	64
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
~~Concentration Credit~~				50
Net Treatment Charge	3	45		

Payment for [illegible] Dry Tons @ 35 19 Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under 68.00 Per Ton)	336.110 Wet Tons @ 63.40 Per Ton	~~[illegible]~~	75
Surcharge 15%			
Federal Tax 3%		24	03
Handling Charge			
Assay Charge		7	00
Umpire Charge		8	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to			
Royalty: 5% of $4390.57		219	53
~~Defense Minerals Exploration Administration~~			
~~C/O W. H. Traver, Executive Officer,~~			
~~DMEA Field Team, Region III,~~			
~~274 New Customhouse~~			
~~Denver 2, Colorado~~			
Total Deductions		[illegible]	21
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		[illegible]	

DMEA
Date Rec'd.

APR 11 1955

BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

765

Salt Lake City, Utah, APRIL 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 250-GPO Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MTTWALE Received 3-28-55 Sampled 3-31-55 Assayed 3-31-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.5	—	5.1			6.9				.27	.18
B & D	.025	4.9	.20	5.7			7.0				.15	.10
D & W Umpire				5.6			6.95 Av.					
Less Non-Sulphide				.21			.14					
Settlement	.020	4.7	.10	5.39	19.8	8.1	6.81	7.4	7.5			

CAR NOS.	NET WEIGHT
UP 69435	103660
UP 62772	94660
UP 69457	91380
UP 63099	85420
UP 62567	108740
Total Weight	
Containers	
Wet Weight	484560
Moisture 3.1 %	15022
Dry Weight	469538*

METAL VALUES		
Gold	100 % @ 22.4613	45
Silver	70 % @ 90.00	2 96
Copper	}	
Lead	}	9 32
Zinc		4 86
Total Metal Value		17 60
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 234.769 Dry Tons @ 14 15 Per Ton 3321 98

		DEDUCTIONS
Freight (Value under 86.50 Per Ton)	242.260 Wet Tons @ 1.17 Per Ton	283 47
Surcharge 15%		
Federal Tax 3%		8 50
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3023.01, Defense Minerals Exploration Administration, C/O W. M. Traver, Executive Officer, DMEA Field Team, Region VIII, Denver 2, Colorado		352 15
Total Deductions		450 72
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		2871 26

DMEA Date Rec'd. APR 11 1955

BUREAU OF MINES Denver, Colorado

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, APRIL 7, 1955

Purchased From [redacted]
Pay [redacted], 400 LOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. [redacted] Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by [redacted] Received 3-28-55 Sampled 3-30-55 Assayed 3-31-55
Metal Quotations—Gold [redacted] Silver 90.00 Copper, N. Y. [redacted] Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.006	5.1	—	6.9			8.3				.27	.18
B & D	.005	5.5	.20	7.3	-		8.4				.25	.20
Bordwell Umpire				7.2			8.35 Av.					
Less Non-Sulphide				.26			.29				.26	.19
Settlement	.02	5.9	.10	6.94	45.2	3.5	8.16	8.2	7.6			

CAR NOS.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES	DEBIT	CREDIT
UP 65269	92600	Gold 100 % @2.6543	45			
UP 62763	95160	Silver 70 % @0.90	3 34	Based on [redacted] % Lead	3 95	
UP 65243	101080	Copper }		Variation from % Lead		
UP 62503	88720	Lead }	12 30	Labor		
UP 65723	102800	Zinc	5 94	Insoluble		
				Zinc, excess over %		
				Sul., excess over %		
				As., excess over %		
				Iron		
				Lime		
Total Weight				Concession Credit		50
Containers						
Wet Weight	400850					
Moisture 3 %	11252	Total Metal Value	22 03			
Dry Weight	373728	Less Treatment Charge	3 45	Net Treatment Charge	3 45	

Payment for 335.684 Dry Tons @ 18 53 Per Ton 6400 00

		DEDUCTIONS
Freight (Value under 40.00 Per Ton)	282.440 Wet Tons @ 21.56 Per Ton	3[illegible].21
Surcharge 15%		
Federal Tax 3%		11 55
Handling Charge		
Assay Charge		7 50
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of 6400.37		200 22
Defense Minerals Exploration Administration		
c/o U. M. Traver, Executive Officer,		
DMEA Field Team, Region III		
224 New Customhouse		
Denver 2, Colorado		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		

DMEA
Date Rec'd [illegible]

APR 11 1955
BUREAU OF MINES
Denver, Colorado

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 7, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 505 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 247-GPU Product CRUDE Mine CHIEF NO. 3 Gold License No.

Sampled by MIDVALE Received 3-29-55 Sampled 3-24-55 Assayed 3-25-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	4.8	—	5.8			6.7				.27	.20
B & D	.025	5.1	.20	6.7			6.5				.20	.10
D & N Umpire				6.5 Av.			6.6 Av.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.023	4.95	.10	6.26	51.6	6.0	6.45	5.8	6.5			

CAR NOS.	NET WEIGHT
MP 66300	90420
MP 64936	109040
MP 66250	96950
MP 66735	91920
MP 66368	97020
Total Weight	
Containers	
Wet Weight	485350
Moisture 2.9 %	14154
Dry Weight	471196

METAL VALUES		
Gold	100 % @ 22.1643	47
Silver	70 % @ 90.00	3 12
Copper	}	
Lead	}	10 06
Zinc		4 32
Total Metal Value		29 35
Less Treatment Charge		3 45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 236.963 Dry Tons @ 15 79 Per Ton 3720 32

DEDUCTIONS	
Freight (Value under $8.00 Per Ton) 244.040 Wet Tons @ $1.40 Per Ton	341 66
Surcharge 15%	
Federal Tax 3%	10 25
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: SB of 03363.A2 Defense Minerals Exploration Administration C/O W. H. Trayer, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado	168 07
Total Deductions	526 98
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3193 34

DMEA
Date Rec'd.
APR 11 1955
BUREAU OF MINES
Denver, Colorado

E4

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

224 New Customhouse
Denver 2, Colorado

Betty
DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 15 1955

April 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3539	154-GPUS-DMPA	$203.12	$203.12
3583	155-GPUS-DMPA	$169.04	
		210.10	$379.14
3600	158-GPUS-DMPA	$170.73	$170.73
3619	159-GPUS-DMPA	$184.28	
	242-GPU-L	44.36	$228.64
3662	156-GPUS-DMPA	$243.22	
	240-GPU-L	6.99	$250.21
3678	238-GPU	$329.43	
	241-GPU	182.40	
	243-GPU-L	42.77	$554.60
3715	244-GPU	$247.29	
	245-GPU-L	60.29	$307.58
3735	246-GPU	$175.77	
	248-GPU	142.33	$318.10

W. M. TRAVER,

W. M. Traver

Enclosures
1d

Copy to: Royalty File E4 Chron
S. R. Wilson w/settlement Sheets
Sec. Opr. Comm. (2) w/settlement sheets

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
APR 15 1955

224 New Customhouse
Denver 2, Colorado

April 11, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3539	154-GPUS-DMPA	$203.12	$203.12
3583	155-GPUS-DMPA	$169.04	
		210.10	$379.14
3600	158-GPUS-DMPA	$170.73	$170.73
3619	159-GPUS-DMPA	$184.28	
	242-GPU-L	44.36	$228.64
3662	156-GPUS-DMPA	$243.22	
	240-GPU-L	6.99	$250.21
3678	238-GPU	$329.43	
	241-GPU	182.40	
	243-GPU-L	42.77	$554.60
3715	244-GPU	$247.29	
	245-GPU-L	60.29	$307.58
3735	246-GPU	$175.77	
	248-GPU	142.33	$318.10

W. M. TRAVER,

W. M. Traver

Enclosures
1d

Royalty File E4 Chron
S. R. Wilson w/settlement Sheets
Copy to: Sec. Opr. Comm. (2) w/settlement sheets

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 23, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 154-GEUS-DMPA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 3-14-55 Sampled 3-16-55 Assayed 3-17-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	--	6.5			7.8				.27	.18
B & D	.025	5.5	.2	7.0			7.8				.15	.10
D & N Umpire				6.9			7.8 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0225	5.25	.10	6.69	39.6	5.9	7.66	8.0	9.7			

CAR NOS.	NET WEIGHT
UP 63563	105660
BO 46523	102480
UP 65895	101360
UP 62986	105190
UP 66324	99360
Total Weight	
Containers	
Wet Weight	514040
Moisture 2.4%	12336
Dry Weight	501704

METAL VALUES		
Gold 100 % @ 22.4643		53
Silver 70 % @ 90.00	3	33
Copper		
Lead	11	80
Zinc	5	53
Total Metal Value	21	15
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead	3	93		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 250.852 Dry Tons @ 17 70 Per Ton 4440 08

		DEDUCTIONS
Freight (Value under $8.00 Per Ton)	257.02 Wet Tons @ $1.40 Per Ton	359 83
Surcharge 15%		
Federal Tax 3%		10 79
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4062.46		203 12
Defense Minerals Exploration Administration, c/o W. M. Traver, Executive Officer, DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado		
Total Deductions		580 74
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		3859 34

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. MAR 30 1955 BUREAU OF ... Denver, Colorado

706

Salt Lake City, Utah, MARCH 25, 1955

Purchased From CHief CONSOLIDATED MINING COMPANY

Pay CHief CONSOLIDATED MINING COMPANY, 606 POOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 155-CHIEF-DMEA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by REPORTS Received 3-14-55 Sampled 3-17-55 Assayed 3-18-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	-	5.60			6.70				.27	.18
B & D	.025	5.5	.20	6.40			7.50				.20	.10
C & N Umpire				5.80			6.70					
Less Non-Sulphide				.24			.24				.24	.24
Settlement	.0225	5.25	.10	5.56	45.5	5.2	6.56	6.8	9.3			

CAR NOS.	NET WEIGHT
UP 62635	79020 #
UP 63121	67860
UP 62402	113520
RO 72235	121580
SP 7229L	125600
580,000# Minimum	
Weight to be used for freight purposes is	
Total Weight	528560#
Containers	
Wet Weight	527560
Moisture 2.6%	13718
Dry Weight	513842

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.00	3	31
Copper (		
Lead (	9	66
Zinc	4	67
Total Metal Value	18	15
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	%Lead	3	05		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	45		

Payment for 256.931 Dry Tons @ 14 70 Per Ton 3776 89

DEDUCTIONS		
Freight (Value under $3 Per Ton) 264.283 Wet Tons @ $3.40 Per Ton	339	99
Surcharge 15%		
Federal Tax 3%	11	30
Handling Charge		
Assay Charge	7	00
Umpire Charge	8	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3380.80	169	04
Defense Minerals Exploration Administration		
c/o W. H. Traver, Executive Officer DMEA Field Team,		
Region III, 224 New Customhouse, Tower 2, Colorado		

Total Deductions 565 13

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3211 76

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 25, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 157-CRUS-ITA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by FINAL Received 3-17-55 Sampled 3-19-55 Assayed 3-21-55

Metal Quotations—Gold 34.9125 Silver 90.8 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.50

Date Rec'd MAR 30 1955 BUREAU OF MINES Denver, Colorado

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.6	-	6.80			7.50				.23	.18
B & D	.025	6.2	.20	7.30			8.00				.20	.10
Barrowell Umpire		5.83		7.1			7.75 Av.					
Less Non-Sulphide				.22			.14				.22	.14
Settlement	.025	5.83	.10	6.88	43.4	5.9	7.61	8.4	8.3			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
UP 63098	96680	Gold 100 % @ 22.4643		56						
UP 63668	92540	Silver 70 % @ 90.00	3	67	Based on	[illegible]	3	95		
UP 60006	99200	Copper }			Variation from	% Lead				
RG 45381	113480	Lead }	12	17	Labor					
UG 46839	113920	Zinc	5	49	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession					50
Containers										
Wet Weight	515820									
Moisture 2.7%	13928	Total Metal Value	21	89						
Dry Weight	501892	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 250.946 Dry Tons @ 18 44 Per Ton 4627 44

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	257.91 Wet Tons @ $1.56 Per Ton	402	24
Surcharge 15%			
Federal Tax 3%		12	07
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty 5% of $4202.03		210	10
Defense Minerals Exploration Administration			
c/o W. M. Trauer, Executive Officer DMEA Field Team,			
Region III, 224 New Customhouse, Denver 2, Colorado			
Total Deductions			635 51
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			3991 93

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

703

MARCH 28, 1955

DMEA Rec'd. MAR 30 1955 BUREAU OF MINES Denver, Colorado

Salt Lake City, Utah,

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay ~~CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH~~ EUREKA, UTAH

Lot No. 195-GTE-DMA Product ORE Shipping Point: Mine CHIEF NO. 2
Sampled by MIDVALE Received 3-28-55 Sampled 3-22-55 Gold License No. Assayed 3-29-55
Metal Quotations—Gold 34.9175 Silver 90.00 Copper, N. Y. and Lead, N. Y. 10.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.6		5.0			6.7				.27	.20
3 & D	.025	5.3	.20	5.8			7.2				.20	.10
Union Umpire				5.3			6.95 Av.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.025	4.85	.10	5.06	45.6	7.1	6.80	6.4	8.5			

CAR NOS.	NET WEIGHT
WP 66649	86700
[illegible]	225640
[illegible]	87160
[illegible]	115740
[illegible]	153160
Total Weight	
Containers	
Wet Weight	568230
Moisture 3.3%	20676
Dry Weight	547322

METAL VALUES			
Gold	200 % @	22.4375	50
Silver	70 % @	90.0	3 50
Copper			
Lead		5	75
Zinc		4	60
Total Metal Value		27	20
Less Treatment Charge		3	45
Payment for 273.961	Dry Tons @	23	75 Per Ton

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	75		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
~~WORKING CAPITAL~~					50
				3766	96

		DEDUCTIONS	
Freight (Value under 60.00 Per Ton)	283.310 Wet Tons @ 1.27 Per Ton	359	64
Surcharge 15%			
Federal Tax 3%		9	94
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: ~~SP CP 33414.55~~ ~~DEPARTMENT OF INTERIOR, BUREAU OF MINES, ATTENTION: C/O W. H. TRAVER, EXECUTIVE OFFICER, DENVER FIELD TEAM, REGION IX, DENVER 2, COLORADO~~		210	55
Total Deductions			523 34
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			3243 62

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
MAR 31 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, MARCH 29, 1955

Purchased From [illegible]
Pay [illegible]
Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No. [illegible]
Sampled by [illegible] Received 3-22-55 Sampled [illegible] Assayed [illegible]
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. [illegible] Zinc 33.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	5.7	[illegible]	7.0			6.8				.23	.18
[illegible]	.025	6.3	[illegible]	7.8			6.7				.20	.25
Umpire				7.0			6.73					
Less Non-Sulphide				.52			.22				.22	.26
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	[illegible]
Moisture %	[illegible]
Dry Weight	[illegible]

METAL VALUES		
Gold [illegible] % @ [illegible]		[illegible]
Silver [illegible] % @ [illegible]	[illegible]	[illegible]
Copper		
Lead	[illegible]	[illegible]
Zinc	[illegible]	[illegible]
Total Metal Value	[illegible]	[illegible]
Less Treatment Charge	[illegible]	[illegible]

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead	[illegible]	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
[illegible]		[illegible]
Net Treatment Charge	[illegible]	

Payment for 259.263 Dry Tons @ [illegible] Per Ton [illegible]

DEDUCTIONS	
Freight (Value under [illegible] Per Ton) 234.660 Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%	
Federal Tax 3%	[illegible]
Handling Charge	
Assay Charge	7.00
Umpire Charge	4.00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: [illegible]	[illegible]
[illegible]	
[illegible]	
[illegible]	
[illegible]	
Total Deductions	[illegible]

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment [illegible]

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMF
Date 1

Salt Lake City, Utah, MARCH 29, 1955

MAR

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 404 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH BUREAU

Lot No. 242 CHLZ Product CRUDE Mine CHIEF NO. 1 Gold License No. Denv.

Sampled by [illegible] Received [illegible] Sampled 3-23-55 Assayed 3-24-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	4.0		4.7			10.2				.27	.20
X & Y	.025	4.5	.20	5.0			10.5				.15	.10
Umpire				4.85 Av.			10.35 Av.					
Less Non-Sulphide				.21			.15				.21	.15
Settlement	.020	4.38	.20	4.64	37.8	5.8	10.20	7.2	0.9			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
[illegible]		Gold [illegible] % @ 32.1613		25						
		Silver [illegible] % @ 90.00	2	65	Based on	% Lead	3	56		
		Copper			Variation from	% Lead				
		Lead	7	38	Labor					
		Zinc	7	62	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					[illegible]					50
Containers										
Wet Weight	[illegible]									
Moisture [illegible]%	[illegible]	Total Metal Value	18	10						
Dry Weight	[illegible]	Less Treatment Charge	3	45	Net Treatment Charge		3	46		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]	27
Surcharge 15%			
Federal Tax 3%		2	53
Handling Charge			
Assay Charge		2	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	[illegible] $867.25	[illegible]	36
	Defense Minerals Exploration Administration		
	c/o F. M. Trevor, Executive Officer,		
	DMEA Field Team, Room [illegible]		
	Denver 2, Colorado		
Total Deductions		752	66
Amount Withheld Pending Receipt of Silver Affidavit			
	Net Payment	842	92

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FORM C.O. 77-2 $

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
APR 4 1955
Denver, Colorado

706

Salt Lake City, Utah, MARCH 31, 1955

Purchased From [illegible]
Pay [illegible]
Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.
Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. Lead, N. Y. [illegible] Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.3		7.7			7.0				.27	.17
[illegible]	.025	6.9	.20	8.4			[illegible]				.20	.20
Umpire				8.6			[illegible]					
Less Non-Sulphide				.24			.49				.24	.19
Settlement	.025	6.9	.20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
Total Weight	
Containers	
Wet Weight	531660
Moisture [illegible] %	[illegible]
Dry Weight	[illegible]

METAL VALUES	
Gold [illegible] % @ [illegible]	[illegible]
Silver [illegible] % @ [illegible]	[illegible]
Copper	
Lead	[illegible]
Zinc	[illegible]
Total Metal Value	[illegible]
Less Treatment Charge	[illegible]

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead		
Variation from % Lead	3 93	
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
~~Concentration Charges~~		~~[illegible]~~
Net Treatment Charge	3 45	

Payment for 251.706 Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton)	[illegible] Wet Tons @ [illegible] Per Ton	[illegible]
Surcharge 15%		
Federal Tax 3%		22 [illegible]
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: ~~[illegible]~~		23 22
~~Defense Minerals Exploration Administration~~		
~~c/o U. S. Treasury Department~~		
~~[illegible]~~		
~~Denver 2, Colorado~~		
Total Deductions		[illegible]
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

EU

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
APR 4 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, [illegible] 1955

Purchased From [illegible]

Pay [illegible]

Shipping Point: [illegible]

Lot No. [illegible] Product [illegible] Mine [illegible] Gold License No.

Sampled by [illegible] Received [illegible] Sampled [illegible] Assayed [illegible]

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

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	[illegible]		[illegible]			[illegible]				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
Umpire				[illegible]			[illegible]				[illegible]	
Less Non-Sulphide				[illegible]			[illegible]				[illegible]	[illegible]
Settlement	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
[illegible]		Gold [illegible] % @ [illegible]	[illegible]	[illegible]						
		Silver [illegible] % @ [illegible]	[illegible]	[illegible]	Based on	% Lead	3	95		
[illegible]		Copper			Variation from	% Lead +				
[illegible]		Lead	[illegible]	[illegible]	Labor					
[illegible]		Zinc	[illegible]	[illegible]	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					[illegible]					[illegible]
Containers										
Wet Weight	[illegible]									
Moisture [illegible] %	[illegible]	Total Metal Value	[illegible]	[illegible]						
Dry Weight	[illegible]	Less Treatment Charge	[illegible]	[illegible]	Net Treatment Charge		[illegible]	[illegible]		

Payment for [illegible] Dry Tons @ [illegible] Per Ton [illegible]

		DEDUCTIONS	
Freight (Value under [illegible] Per Ton) [illegible] [illegible] Wet Tons @ [illegible] Per Ton		[illegible]	[illegible]
Surcharge 15%			
Federal Tax 3%		[illegible]	[illegible]
Handling Charge			
Assay Charge		[illegible]	[illegible]
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: [illegible]		[illegible]	[illegible]
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
Total Deductions		[illegible]	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		[illegible]	[illegible]

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FORM C.O. 77-2

705

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 1, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 238.295 Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MILLVALE Received 3-31-55 Sampled 3-24-55 Assayed 3-31-55

Metal Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. ---- Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3		7.1			9.2				.27	.18
B & D	.025	5.7	.20	7.6			9.5				.10	.10
Hardwill Umpire		5.43		7.5			9.35 Av.					
Less Non-Sulphide				.19			.16				.19	.16
Settlement	.0225	5.43	.10	7.31	42.2	7.2	9.23	9.8	6.9			

CAR NOS.	NET WEIGHT
RG 70204	24420
RG 68297	21800
RG 70521	105640
RG 65563	96960
RG 71860	148900
RG 72127	141440
Total Weight	
Containers	
Wet Weight	727760
Moisture 2.7 %	19560
Dry Weight	708200

METAL VALUES		
Gold 100 % @ 22.4649		53
Silver 70 % @ 90.00	3	42
Copper		
Lead	33	01
Zinc	6	72
Total Metal Value	23	73
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concentrates Crude			2
Net Treatment Charge		3 45	

Payment for 354.055 Dry Tons @ 20.28 Per Ton 7150 11

DEDUCTIONS	
Freight (Value under $10.00 Per Ton) 363.880 Wet Tons @ 1.56 Per Ton	567 65
Surcharge 15%	
Federal Tax 3%	17 03
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $6583.56	329 43
Defense Minerals Exploration Administration	
c/o N. M. Trover, Executive Officer,	
DMEA Field Team, Region III	
Denver 2, Colorado	
Total Deductions	921 11
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	6229 11

EL

FORM C.O. 77-2-9

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 1, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 241-GFW Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDWAIE Received 3-21-55 Sampled 3-23-55 Assayed 3-24-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. end Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.4		6.10			7.5				.27	.20
S & D	.025	5.7	.20	6.80			7.6				.15	.10
C & W Umpire				6.50			7.55 Av.					
Less Non-Sulphide				.21			.15				.21	.15
Settlement	.020	5.55	.10	6.29	48.4	8.0	7.40	6.8	6.8			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
UP 64746	96560	Gold 100 % @22.4643		45						
UP 62835	102140	Silver 70 % @90.00	3	50	Based on	%Lead	3	95		
UP 64533	94420	Copper }			Variation from	% Lead				
UP 64069	98260	Lead }	11	03	Labor					
UP 65801	94060	Zinc	5	33	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession Credit					30
Containers										
Wet Weight	187440									
Moisture 2.5 %	12186	Total Metal Value	20	31						
Dry Weight	175254	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 237.627 Dry Tons @ 16 86 Per Ton 4006 39

		DEDUCTIONS	
Freight (Value under $8.00 Per Ton)	243.720 Wet Tons @ $1.40 Per Ton	340	21
Surcharge 15%			
Federal Tax 3%		10	24
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	$ & 2 $3647.94	182	40
	Defence Minerals Exploration Administration		
	C/O W. M. Traver, Executive Officer		
	DMEA Field Team, Region III		
	Denver 2, Colorado		
Total Deductions		540	85
Amount Withheld Pending Receipt of Silver Affidavit			
	Net Payment	3465	54

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 1, 1955

Purchased From [illegible]
Pay [illegible], 400 DOBY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. [illegible] Product [illegible] Mine CHIEF NO. 2 Gold License No.
Sampled by [illegible] Received 2-21-55 Sampled 3-24-55 Assayed 3-25-55
Metal Quotations—Gold [illegible] Silver [illegible] Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 11.90

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	[illegible]	5.3		5.6			11.1				.27	.20
[illegible]	.025	5.9	.20	5.8			11.5				.20	.10
[illegible] Umpire		5.50		5.9 Av.			11.3 Av.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.00	5.50	.20	5.16	38.2	4.6	11.15	8.7	0.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT	CREDIT
[illegible]		Gold [illegible] % @ 22.665		.63				
		Silver 70 % @ 90.00		2.45	Based on	Gross	3 95	
		Copper			Variation from	% Lead		
		Lead		5.45	Labor			
		Zinc		8.46	Insoluble			
					Zinc, excess over	%		
					Sul., excess over	%		
					As., excess over	%		
					Iron			
					Lime			
Total Weight					[illegible]			[illegible]
Containers								
Wet Weight	[illegible]							
Moisture [illegible]	[illegible]	Total Metal Value		21.84				
Dry Weight	[illegible]	Less Treatment Charge		9.15	Net Treatment Charge		9 15	

Payment for [illegible] Dry Tons @ 18.39 Per Ton [illegible]

		DEDUCTIONS
Freight (Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton		[illegible]
Surcharge 15%		
Federal Tax 3%		2 49
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: [illegible] of $[illegible] Defense Minerals Exploration Administration C/O V. N. Tenver, Executive Officer, DMEA Field Team, Region III Denver 2, Colorado		42 77
Total Deductions		137 39
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		[illegible]

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING CO PANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 24-GPU Product CRUDE Mine CHIEF NO. 2 Gold License No.

Sampled by MIDDALE Received 3-23-55 Sampled 3-25-55 Assayed 3-28-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. ~~and~~ Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	6.2	—	6.7			8.0				.27	.20
B & D	.025	6.5	.20	7.1			8.3				.15	.15
C & D Umpire				6.9			8.15 Av.					
Less Non-Sulphide				.21			.18				.21	.18
Settlement	.021	6.25	.10	6.69	12.6	5.8	7.97	7.5	8.7			

CAR NOS.	NET WEIGHT
UP 62896	95320
RG 70292	158640
RG 70546	133660
UP 62681	96940
RG 71719	135000
Total Weight	
Containers	
Wet Weight	599560
Moisture 2.5 %	14990
Dry Weight	584570

METAL VALUES		
Gold 100 % @ 22.4643		47
Silver 70 % @ 90.00	4	00
Copper		
Lead	11	80
Zinc	5	78
Total Metal Value	22	05
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % ~~Lead~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit				50
Net Treatment Charge	3	45		

Payment for 292.285 Dry Tons @ 18 60 Per Ton 5436.30

DEDUCTIONS		
Freight (Value under $10.00 Per Ton) 299.760 Wet Tons @ $1.56 Per Ton	467	65
Surcharge 15%	70	03
Federal Tax 3%		
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4945.81	247	29
Defense Minerals Exploration Administration		
C/O W. M. Tuver, Executive Officer		
DMEA Field Team, Region III		
Denver 2, Colorado		
Total Deductions	737	97
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4698	53

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, APRIL 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 606 DOOLY BUILDING, SALT LAKE CITY, UTAH
Shipping Point: EUREKA, UTAH

Lot No. 215 GPM-1 Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by HIDVALE Received 3-22-55 Sampled 3-25-55 Assayed 3-26-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 14.00 Zinc 13.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.9	—	5.7			11.1				.27	.20
B & D	.025	5.3	.20	6.3			11.6				.15	.25
Bartwell Umpire				6.0			11.35 Av.					
Less Non-Sulphide				.21			.23				.21	.23
Settlement	.020	5.1	.10	5.79	37.4	4.8	11.12	8.8	0.9			

CAR NOS.	NET WEIGHT
NG 73507	
Total Weight	
Containers	
Wet Weight	145210
Moisture 2.0 %	2903
Dry Weight	142336

METAL VALUES		
Gold 100 % @ 20.1619		15
Silver 70 % @ 90.00	3	21
Copper }		
Lead }	20	03
Zinc	8	02
Total Metal Value	22	16
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT	CREDIT
Based on	% Lead	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession Credit			50
Net Treatment Charge		3 45	

Payment for 71.168 Dry Tons @ 18 71 Per Ton 1331 55

DEDUCTIONS	
Freight (Value under 210.00 Per Ton) 72.620 Wet Tons @ 31.56 Per Ton	119 29
Surcharge 15%	3 10
Federal Tax 3%	
Handling Charge	
Assay Charge	7 00
Umpire Charge	2 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $1205.86	60 29
Defense Minerals Exploration Administration	
C/O W. M. Traver, Executive Officer,	
DMEA Field Team, Region III,	
Denver 2, Colorado	
Total Deductions	195 98
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	1135 57

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, APRIL 5, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 216-CPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by HIGHALE Received 3-25-55 Sampled 3-25-55 Assayed 3-29-55

Metal Quotations—Gold 34.9126 Silver 00.00 Copper, N. Y. - [illegible] Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.00	5.5	—	4.7			6.6				.27	.16
B & D	.025	5.9	.20	5.3			6.8				.10	.10
Taylor Umpire				4.9			6.7 Av.					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.0225	5.7	.10	4.71	51.8	6.0	6.56	7.2	7.2			

CAR NOS.	NET WEIGHT
RG 71190	119660
RG 71859	123080
RG 72925	177820
RG 71214	124700
RG 72499	177080
Total Weight	
Containers	
Wet Weight	622340
Moisture 2.2 %	13692
Dry Weight	608648

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 00.00	3	59
Copper }		
Lead }	7	50
Zinc	4	67
Total Metal Value	16	77
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on %Lead	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession Credit				50
Net Treatment Charge	3	45		

Payment for 304.394 Dry Tons @ 12 83 Per Ton 3901 43

			DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	911.370	Wet Tons @ 01.17 Per Ton	364	07
Surcharge 15%			30	52
Federal Tax 3%				
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3515.41			175	77
Defense Minerals Exploration Administration				
C/O W. F. Trever, Executive Officer				
DMEA Field Team, Region III				
224 Rue Cuchombaras,				
Denver 2, Colorado				

Total Deductions 561 76

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3339 67

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, APRIL 4, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH
EUREKA, UTAH

Shipping Point:

Lot No. 240.0TU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 3-29-55 Sampled 3-29-55 Assayed 3-30-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.3	—	5.0			6.8				.27	.18
B & D	.025	4.5	.20	5.7			7.0				.15	.15
D & H Umpire				5.4			6.9 Av.					
Less Non-Sulphide				.21			.17				.21	.17
Settlement	.0225	4.4	.10	5.19	57.6	5.4	6.73	6.8	5.5			

CAR NOS.	NET WEIGHT
UP 65172	89620
UP 65137	93060
UP 62824	103560
UP 66204	90070
UP 65240	85700
Total Weight	
Containers	
Wet Weight	471820
Moisture 2.2%	10380
Dry Weight	461440

METAL VALUES		
Gold 100 % @ 22.4613		53
Silver 70 % @ 90.00	2	77
Copper %		
Lead %	8	97
Zinc	4	50
Total Metal Value	27	09
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concentration Credit					20
Net Treatment Charge		3	45		

Payment for 230.720 Dry Tons @ 13 60 Per Ton 3137 79

			DEDUCTIONS	
Freight (Value under 60.50 Per Ton)	225.910	Wet Tons @ 21.17 Per Ton	278.01	
Surcharge 15%				
Federal Tax 3%			8	34
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $2826.50			142	33
Defense Minerals Exploration Administration				
C/O R. S. Traver, Executive Officer,				
Land Field Tour, Region III,				
Denver 7, Colorado				
Total Deductions				433 67
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment				2704 12

E4

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

Defense Minerals Administration
RECEIVED
MAR 31 1955

224 New Customhouse
Denver 2, Colorado

March 28, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3434	147-GPUS-DMPA	$178.46	
	149-GPUS-DMPA	213.16	
	150-GPUS-DMPA	162.58	$554.20
3446	148-GPUS-DMPA	$140.43	
	152-GPUS-DMPA	176.04	
	236-GPU	105.77	
	237-GPU-L	47.10	$469.34
3481	151-GPUS-DMPA	$222.26	
	153-GPUS-DMPA	221.14	$443.40
3512	239-GPU-L	$58.75	$58.75

W. M. TRAVER.

W. M. Traver

Enclosures
1d
Copy to: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Chron

DEPARTMENT OF THE
Defense Minerals Co...
RECEIVED
MAR 31 1955

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

224 New Customhouse
Denver 2, Colorado

March 28, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

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3434	147-GPUS-DMPA	$178.46	
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	150-GPUS-DMPA	162.58	$554.20
3446	148-GPUS-DMPA	$140.43	
	152-GPUS-DMPA	176.04	
	236-GPU	105.77	
	237-GPU-L	47.10	$469.34
3481	151-GPUS-DMPA	$222.26	
	153-GPUS-DMPA	221.14	$443.40
3512	239-GPU-L	$58.75	$58.75

W. M. TRAVER,
W. M. Traver

Enclosures
1d
Copy to: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: SP: EUREKA, UTAH

Lot No. 150-GPUS-IMPA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MILVALE Received 3-7-55 Sampled 3-10-55 Assayed 3-11-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. nnd Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.1	-	5.1			7.0				.27	.18
B & D	.025	5.5	.20	5.8			6.8				.15	.10
BARNELL Umpire				5.5			6.9 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	5.3	.10	5.29	51.3	9.9	6.76	7.7	5.5			

CAR NOS.	NET WEIGHT
UP 65039	95920
UP 62592	101200
UP 65294	94560
UP 65896	86100
RG 71798	142700
Total Weight	
Containers	
Wet Weight	520480
Moisture 3.1%	16134
Dry Weight	504346

METAL VALUES		
Gold 100 % @ 22.4643		56
Silver 70 % @ 90.0	3	34
Copper		
Lead	9	14
Zinc	4	82
Total Metal Value	17	86
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~20 Lead~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 252.173 Dry Tons @ 14 41 Per Ton 3633.81

		DEDUCTIONS	
Freight (Value under $8. Per Ton)	260.240 Wet Tons @ $1.40 Per Ton	364	34
Surcharge 15%			
Federal Tax 3%		10	93
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3251.54		162	58
Defence Minerals Exploration Administration,			
c/o M. M. Traver, Executive Officer DMEA Field Team Region III,			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 544 85

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3088 96

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 IOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 149-CPMS-DMEA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 3-7-55 Sampled 3-10-55 Assayed 3-11-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.8	—	6.2			8.8				.27	.18
B & D	.025	6.1	.20	6.6			9.2				.15	.10
C & N Umpire				6.4			9.0 Av.					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	5.95	.10	6.19	44.4	8.6	8.86	8.9	6.7			

CAR NOS.	NET WEIGHT
UP 63344	101560
UP 65202	104840
RG 71556	142820
UP 63120	86720
UP 60050	96520
Total Weight	
Containers	
Wet Weight	532460
Moisture 3.0%	15974
Dry Weight	516486

METAL VALUES		
Gold 100 % @ 22.4643		56
Silver 70 % @ 90.0	3	75
Copper (		
Lead (	10	84
Zinc	6	50
Total Metal Value	21	65
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~VARIOUS~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 258.243 Dry Tons @ 18 20 Per Ton 4700 02

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	266.230 Wet Tons @ $1.56 Per Ton	415	32
Surcharge 15%			
Federal Tax 3%		12	46
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4263.24		213	16
Defense Minerals Exploration Administration,			
c/o E. M. Traver, Executive Officer DMEA Field Team Region III,			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 649 94

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4050 08

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 17, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

Lot No. 2/0 GMS-MPA PROC. Product GMS Mine CHIEF NO. 1 Gold License No.

Sampled by [illegible] Received 3-4-55 Sampled 3-8-55 Assayed 3-9-55

Metal Quotations—Gold 34.0625 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.3	-	5.9			7.7				.23	.18
B & D	.025	5.5	.20	6.9			8.0				.25	.10
UNION Umpire				6.3			7.85 Av.					
Less Non-Sulphide				.24			.14				.24	.14
Settlement	.025	5.4	.10	6.06	48.5	7.5	7.71	8.8	6.5			

CAR NOS.	NET WEIGHT
UP 62709	82620
UP 64172	102960
UP 62575	98650
UP 63110	99620
UP 62963	98640
Total Weight	
Containers	
Wet Weight	482220
Moisture 2.7 %	13074
Dry Weight	471146

METAL VALUES		
Gold 100 % @ 22.4643		56
Silver 70 % @ 90.0	3	40
Copper		
Lead	10	60
Zinc	5	57
Total Metal Value	20	13
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~% Lead~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concentration				50
Net Treatment Charge	3	45		

Payment for 235.573 Dry Tons @ 16 68 Per Ton 3929.36

DEDUCTIONS	
Freight (Value under $8 Per Ton) 242.110 Wet Tons @ $1.40 Per Ton	338.95
Surcharge 15%	
Federal Tax 3%	10 17
Handling Charge	
Assay Charge	7 00
Umpire Charge	4 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $3560.24	178 16
Defense Minerals Exploration Administration, c/o U. M. Tuver, Executive Officer DMEA Field Team, Region III, 224 Rio Customhouse, Denver 2, Colorado	
Total Deductions	538 58
Amount Withheld Pending Receipt of Silver Affidavit	
Net Payment	3390 78

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FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 18, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DONLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 14B-OPUS-MER-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by NIEVALE Received 3-4-55 Sampled 3-9-55 Assayed 3-10-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.5	–	4.9			7.0				.27	.18
D & D	.025	4.8	.20	5.5			7.6				.15	.10
D & N Umpire				5.1			7.4					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0225	4.65	.10	4.89	46.8	8.9	7.26					

CAR NOS.	NET WEIGHT
UP 62514	87120
UP 62218	90660
UP 62081	105660
UP 63894	102800
UP 65135	105320
Total Weight	
Containers	
Wet Weight	492060
Moisture 2.5%	12302
Dry Weight	479758

METAL VALUES			
Gold	100% @ 22.4643		51
Silver	70% @ 90.0	2	93
Copper			
Lead		7	79
Zinc		5	21
Total Metal Value		16	44
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~% Lead~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	45		

Payment for 239.879 Dry Tons @ 12 99 Per Ton 3116 03

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	246.030 Wet Tons @ $1.17 Per Ton	287.86	
Surcharge 15%			
Federal Tax 3%		8	64
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $2800.53		140	43
Defense Minerals Exploration Administration			
c/o W. M. Traver, Executive Officer DMEA, Field Team Region III,			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 447 93

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2668 10

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FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 18, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 152-CMUS-PMPA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by HIMVALS Received 3-9-55 Sampled 3-11-55 Assayed 3-12-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.7	—	5.6			7.1				.23	.18
D & D	.025	6.1	.2	6.3			7.5				.15	.10
D & N Umpire				6.0			7.3 Av.					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.0225	5.9	.10	5.81	53.3	5.9	7.16	7.7	6.3			

CAR NOS.	NET WEIGHT
UP 65605	103100
UP 66462	102740
UP 62275	106620
UP 64107	92120
UP 65608	94160
Total Weight	
Containers	
Wet Weight	498800
Moisture 2.7%	13468
Dry Weight	485332

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	72
Copper		
Lead	10	11
Zinc	5	13
Total Metal Value	19	47
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~SOLDER~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	45		

Payment for 242.666 Dry Tons @ 16 02 Per Ton 3887 51

		DEDUCTIONS	
Freight (Value under $8 Per Ton)	249.400 Wet Tons @ $1.40 Per Ton	349.16	
Surcharge 15%			
Federal Tax 3%		10	47
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3520.88		176	04
Defense Minerals Exploration Administration,			
c/o W. M. Traver, Executive Officer DMEA Field Team, Region III,			
224 New Customhouse, Denver 2, Colorado			
Total Deductions			542 67
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			3344 84

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FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 18, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 LOGLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 236-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MINVALE Received 3-5-55 Sampled 3-9-55 Assayed 3-10-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. [illegible] Lead, N. Y. 15.00 Zinc 11.5

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	4.6	-	6.8			10.7				.27	.18
B&D	.04	4.6	.20	7.7			11.0				.15	.10
UNION Umpire				7.2			10.85	Av.				
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.035	4.6	.1	6.99	41.6	11.1	10.71	12.4	4.8			

CAR NOS.	NET WEIGHT
RG 46945	102440
RG 46441	127400
Total Weight	
Containers	
Wet Weight	229840
Moisture 2.8%	6436
Dry Weight	223404

METAL VALUES		
Gold 100 % @ 22.4643		79
Silver 70 % @ 90.0	2	90
Copper		
Lead	12	39
Zinc	8	06
Total Metal Value	24	14
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~[illegible] % Lead~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 111.702 Dry Tons @ 20 69 Per Ton 2311 11

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	114.920 Wet Tons @ $1.56 Per Ton	179	28
Surcharge 15%			
Federal Tax 3%		5	38
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $2115.45		105	77
Defense Minerals Exploration Administration,			
c/o W. M. Trever, Executive Officer DMEA Field Team, Region III,			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 301 43

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2009 68

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FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 18, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 237-CPU-L Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 3-7-55 Sampled 3-10-55 Assayed 3-11-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.8	-	6.2			11.5				.27	.20
B & D	.025	6.2	.20	6.9			11.8				.15	.10
UNION Umpire				6.5			11.65	Av.				
Less Non-Sulphide				.21			.15				.21	.15
Settlement	.02	6.0	.10	6.29	37.9	4.9	11.50	9.4	8.4			

CAR NOS.	NET WEIGHT
NG 45257	
Total Weight	
Containers	
Wet Weight	104240
Moisture 3.2%	3336
Dry Weight	100904

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.00	3	78
Copper		
Lead	11	03
Zinc	8	74
Total Metal Value	24	00
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	~~Copper~~	3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	45		

Payment for 50.452 Dry Tons @ 20 55 Per Ton 1036 79

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	52.120 Wet Tons @ $1.56 Per Ton	81.31	
Surcharge 15%			
Federal Tax 3%		2	44
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $942.04		47	10
Defense Minerals Exploration Administration,			
c/o W. M. Traver, Executive Officer DMEA Field Team Region III,			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 141 85

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 894 94

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 21, 1955

Date Rec'd MAR 23 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOLLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 151-GPIS-INPA-RICD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by , MIVALE Received 3-10-55 Sampled 3-14-55 Assayed 3-15-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	6.3	—	7.0			8.5				.27	.18
B & D	.025	6.7	.20	7.4			7.8				.20	.20
D & N Umpire				7.3			8.45					
Less Non-Sulphide				.24			.19				.24	.19
Settlement	.0235	6.5	.10	7.06	45.5	6.3	8.26	8.8	7.2			

CAR NOS.	NET WEIGHT
UP 63079	102900
UP 65632	99520
UP 66386	117740
UP 65011	82320
UP 66336	107040
Total Weight	
Containers	
Wet Weight	509520
Moisture 3.2%	16304
Dry Weight	493216

METAL VALUES		
Gold 100% @ 22.4643		53
Silver 70% @ 90.0	4	10
Copper		
Lead	12	53
Zinc	6	02
Total Metal Value	23	18
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on [illegible]	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 246.608 Dry Tons @ 19 73 Per Ton 4865 58

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	254.760 Wet Tons @ $1.56 Per Ton	397	43
Surcharge 15%			
Federal Tax 3%		11	92
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4445.23		222	26
Defense Minerals Exploration Administration, c/o W. M. Traver, Executive Officer DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado			

Total Deductions 642 61

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4222 97

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FORM C.O. 77-2

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA

Salt Lake City, Utah, MARCH 22, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 TOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 153-GPUS-DMEA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 3-21-55 Sampled 3-15-55 Assayed 3-16-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.2	—	6.8			8.2				.27	.18
B & D	.025	6.5	.20	7.5			8.7				.20	.10
BARNWELL Umpire				7.1			8.45 Av.					
Less Non-Sulphide				.24			.14				.24	.14
Settlement	.025	6.35	.10	6.86	48.9	6.4	8.31	8.2	6.2			

CAR NOS.	NET WEIGHT
UP 63277	95840
UP 65819	89340
UP 65986	106560
UP 64390	90800
RG 71106	134440
Total Weight	
Containers	
Wet Weight	516980
Moisture 2.8 %	14476
Dry Weight	502504

METAL VALUES		
Gold 100 % @ 72.4643		56
Silver 70 % @ 90.0	4	00
Copper		
Lead	12	14
Zinc	6	05
Total Metal Value	22	75
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on ~~% Lead~~	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 251.252 Dry Tons @ 19 30 Per Ton 4849 16

		DEDUCTIONS	
Freight (Value under $10 Per Ton) 258.490 Wet Tons @ $1.56 Per Ton		403	24
Surcharge 15%			
Federal Tax 3%		12	10
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4422.82		221	14
Defense Minerals Exploration Administration, c/o W. M. Traver, Executive Officer DMEA Field Team, Region III, 224 New Customhouse, Denver 2, Colorado			
Total Deductions		647	48
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		4201	68

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 22, 1955

DMEA Rec'd. MAR 24 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 239-GFU-L Product CRUDE Mine CHIEF NO. 1 Gold License No. BUREAU OF MINES Denver, Colorado

Sampled by MIVALE Received 3-11-55 Sampled 3-15-55 Assayed 3-16-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.0	-	5.3			12.0				.27	.20
B & D	.025	5.1	.20	5.9			12.6				.30	.20
UNION Umpire				5.5			12.26					
Less Non-Sulphide				.29			.20					
Settlement	.0225	5.05	.10	5.21	40.4	4.9	12.06	9.3	3.4			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 70194		Gold 100 % @ 22.4643		51						
		Silver 70 % @ 90.0	3	18	Based on	~~% Lead~~	3	95		
		Copper			Variation from	% Lead				
		Lead	9	01	Labor					
		Zinc	9	24	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight					Concession					50
Containers										
Wet Weight	144280									
Moisture 2.1%	3030	Total Metal Value	21	94						
Dry Weight	141250	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 70.625 Dry Tons @ 18 49 Per Ton 1305.86

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	72.140 Wet Tons @ $1.56 Per Ton	112.54	
Surcharge 15%			
Federal Tax 3%		3	38
Handling Charge			
Assay Charge		7	00
Umpire Charge		8	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1174.94	58	75
	Defense Minerals Exploration Administration,		
	c/o W. M. Traver, Executive Officer DMEA Field Team,		
	Region III, 227 New Customhouse, Denver 2, Colorado		

Total Deductions 189 67

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1116 19

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

224 New Customhouse
Denver 2, Colorado

March 18, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3347	141-GPUS-DMPA	$145.99	$145.99
3362	142-GPUS-DMPA	$252.09	
	143-GPUS-DMPA	210.36	
	144-GPUS-DMPA	210.91	
	145-GPUS-DMPA	216.58	
	146-GPUS-DMPA	174.44	
	233-GPU	289.05	
	235-GPU-L	64.53	$1417.96
3345	231-GPU	$485.89	
	234-GPU-L	98.92	$584.81

W. M. TRAVER

W. M. Traver

Enclosures

1d

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4

Chron

FORM C.O. 7-2-8

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UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 608 LOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 141-GPUS-DMEA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVAIR Received 2-25-55 Sampled 3-1-55 Assayed 3-2-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	-	4.8			8.1				.27	.20
B & D	.025	5.1	.2	5.4			8.5				.10	.10
C & N Umpire				5.05			8.3 Av.					
Less Non-Sulphide				.19			.15				.19	.15
Settlement	.0225	5.0	.10	4.86	48.7	5.9	8.15	7.5	7.5			

CAR NOS.	NET WEIGHT
UP 62313	92980
UP 63531	97320
UP 66476	99680
RG 46829	92380
UP 66296	104660
Total Weight	
Containers	
Wet Weight	487020
Moisture 2.9%	14124
Dry Weight	472896

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.00	3	15
Copper		
Lead	7	74
Zinc	5	93
Total Metal Value	17	33
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
~~Eastern Base~~ ~~Zinc~~		3	95		
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Concession					50
Net Treatment Charge		3	45		

Payment for 236.448 Dry Tons @ 13 88 Per Ton 3281.90

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 243.510 Wet Tons @ $1.40 Per Ton	340	91
Surcharge 15%		
Federal Tax 3%	10	23
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2919.76	145	99
Defense Minerals Exploration Administration		
c/o W. H. King, Executive Officer DMEA		
224 New Customhouse, Denver 2, Colorado		
Total Deductions	508	13
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	2773	77

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UNITED STATES SMELTING REFINING AND MINING COMPANY
NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 14, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
City CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY UTAH

Shipping Point: SIERRA, UTAH

No. 142-GPHS-PPA-H.C.P. Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MINVALE Received 2-28-55 Sampled 3-4-55 Assayed 3-5-55
Final Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHID ZINC %
S. R. & M. Co.	.022	6.5	-	6.7			8.6				.23	.18
[illegible]	.030	6.8	.20	7.4			9.2				.15	.10
[illegible] Umpire				7.3			9.1					
Non-Sulphide				.19			.14				.19	.14
Settlement	.026	6.65	.10	7.11	49.4	6.9	8.96	9.8	5.9			

Lot NOS.	NET WEIGHT
64591	94700
66234	102720
64496	101060
46548	136440
46047	116640
Total Weight	
Containers	
Net Weight	551560
Moisture 3.0 %	16546
Dry Weight	535014

METAL VALUES

Gold	100 % @ 22.4643		58
Silver	70 % @ 90.0	4	19
Copper			
Lead		12	62
Zinc		6	59
Total Metal Value		23	98
Less Treatment Charge		3	45

TREATMENT CHARGES

	DEBIT	CREDIT
Based on [illegible]	3 95	
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Concession		50
Net Treatment Charge	3 45	

Payment for 267.507 Dry Tons @ 20 53 Per Ton 5491 9[illegible]

DEDUCTIONS

Freight (Value under $10.00 Per Ton)	275.780 Wet Tons @ $1.56 Per Ton	430.22
Discharge 15%		
Federal Tax 3%		12 91
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Stitching Charge		
Sampling Charge		
Hauling Wet Tons @	Per Ton	
Federal Tax 3%		
Hauling & Tax to:		
Royalty: 5% of $5041.79 Defense Minerals Exploration Administration c/o W. H. King, Executive Officer DMEA, 2?? New Customhouse, Denver 2, Colorado		252 09
Total Deductions		702 22
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4789 70

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143 GPUS DMPA

Gold License No.

Sampled

Assayed

Silver

Copper, N. Y.

Lead, N. Y.

Zinc

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %			IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
S. R. & M. Co.	[illegible]	5.2	-	6.1			5.2			-	.09	.11
D	.015	5.5	.2	6.6			8.0				.15	.10
Empire				6.2			8.6					
Non-Sulphide				.19			.14				.19	.14
lement	.0025	5.35	.10	6.03	42.3	7.4	8.46	8.9	7.2			

NOS.	NET WEIGHT
44094	99240
22747	97160
[illegible]	154960
[illegible]	101960
16402	100960
Weight	
iners	
Weight	554180
ure 2.6 %	14408
Veight	[illegible]
nent for	269,886

METAL VALUES			
Gold	100 % @22.4649		51
Silver	70 % @90.00	3	37
Copper			
Lead		10	50
Zinc		6	18
Total Metal Value		20	56
Less Treatment Charge		3	45
Dry Tons @		17	11

TREATMENT CHARGES		DEBIT	CREDIT
Based on	Schedule	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession			50
Net Treatment Charge		3 45	
Per Ton			4617 75

		DEDUCTIONS
t (Value under [illegible] Per Ton)	277.090 Wet Tons @ $2.40 Per Ton	387.93
arge 15%		
l Tax 3%		11 64
ing Charge		
Charge		
e Charge		9 00
ing Charge		4 00
ng Charge		
g Wet Tons @ Per Ton		
l Tax 3%		
auling & Tax to:		
y: 5% of $4207.18 Defense Minerals Exploration Administration, c/o W. E. King, Executive Officer DMEA, 224 New Customhouse, Denver 2, Colorado		210 36
Total Deductions		620 93
Amount Withheld Pending Receipt of Silver Affidavit	EH	
Net Payment		3996 [illegible]

[illegible] Lake City, Utah

[illegible] SMELTING WORKS, SALT LAKE CITY, UTAH

[illegible], UTAH

Shipping Point:

N[illegible] 144-6PUS-DMPA-[illegible] Product CPUS Mine CITY [illegible] NO. 1 Gold License No.

plied by [illegible] Received 3-1-55 Sampled 3-3-55 Assayed 3-4-55

l Quotations--Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
S. R. & M. Co.	.02	5.1	-	5.6			8.2				.27	.18
1	.03	5.7	.20	6.5			8.5				.20	.20
[illegible]ON Umpire		5.28		5.8			8.35 Av.					
Non-Sulphide				.24			.19				.24	.19
lement	.025	5.28	.10	5.56	48.6	7.9	8.16	9.6	5.9			

NOS.	NET WEIGHT
65271	111800
73618	146480
72222	145720
62031	89520
65732	103520
Weight	
ainers	
Weight	597040
ure 2.6%	15524
Weight	581516

METAL VALUES

Gold	100 % @ 22.4643		56
Silver	70 % @ 90.0	3	33
Copper			
Lead		9	66
Zinc		5	92
Total Metal Value		19	49
Less Treatment Charge		3	45

TREATMENT CHARGES

		DEBIT	CREDIT
Based on	[illegible]	3 95	
Variation from	% Lead		
Labor			
Insoluble			
Zinc, excess over	%		
Sul., excess over	%		
As., excess over	%		
Iron			
Lime			
Concession			50
Net Treatment Charge		3 45	

ment for 290.758 Dry Tons @ 16 04 Per Ton 4663 76

		DEDUCTIONS
nt (Value under $8 Per Ton) 298.520 Wet Tons @ $1.40 Per Ton		417 93
arge 15%		
al Tax 3%		12 54
ling Charge		
Charge		7 00
re Charge		8 00
hing Charge		
ling Charge		
ng Wet Tons @ Per Ton		
al Tax 3%		
Hauling & Tax to:		
ty: 5% of $4218.29 Defense Minerals Exploration Administration, c/o M. H. King, Executive Officer [illegible], 224 New Customhouse, Denver 2, Colorado		210 91
Total Deductions		656 38
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment		4007 38

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DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

MAR 21 1955

[illegible] WAREHOUSE [illegible]
[illegible] SALT LAKE CITY [illegible]

[illegible] Lake City, Utah, [illegible] 4, 195[illegible]

[illegible] 602 [illegible] SALT LAKE CITY, UTAH

No. 145-[illegible] Product [illegible] Shipping Point: [illegible], UTAH
Mine [illegible] Gold License No.
[illegible]pled by [illegible] Received 3-2-55 Sampled 3-7-55 Assayed 3-8-55
[illegible]al Quotations—Gold 34.0125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS PER TON	SILVER OZS PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHID ZINC %
S R & M Co	.02	5.1	–	6.3			8.2				.23	.18
1	.025	5.3	.10	7.1			8.5				.15	.10
Umpire				6.3			8.35 Av.					
Non-Sulphide				.19			.14				.19	.14
tlement	.0225	5.2	.10	6.11	45.5	8.0	8.21	8.0	6.8			

NOS.	NET WEIGHT
64863	101300
66187	95300
63930	80940
72323	162800
73191	133960

METAL VALUES

Gold	100 % @ 22.4673		51
Silver	70 % @ 90.0		3 28
Copper	(		
Lead	(		10 68
Zinc			5 97
			20 44
			3 45
	Dry Tons @		16 99

TREATMENT CHARGES

		DEBIT	CREDIT
Based on	~~[illegible]~~	3 95	
Variation in	% Lead		
Labor			
Freight			
Zinc excess over	%		
Sulphur excess over	%		
Arsenic excess over	%		
Iron			
Lime			
Concession			50
Net Treatment Charge		3 45	

Weight	
[illegible]mers	
Weight	574300
[illegible]ture 2.5%	14358
Weight	559942
[illegible]ment for	279.971

Per Ton 4756 71

DEDUCTIONS

[illegible]t (Value under $8.00 Per Ton)	287.150 Wet Tons @ $1.40 Per Ton	402.01
[illegible]arge 15%		12 06
[illegible]d Tax 3%		
[illegible]ing Charge		7 00
[illegible] Charge		4 00
[illegible]e Charge		
[illegible]ing Charge		
[illegible]ing Charge		
[illegible]g	Wet Tons @ Per Ton	
[illegible]d Tax 3%		
[illegible]uling & Tax to:		
[illegible]: 5% of $4331.64 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer [illegible], 224 New Customhouse, Denver 2, Colorado		216 58

Total Deductions 641 65

Amount Withheld Pending Receipt of Silver Affidavit

84

Net Payment 4115 06

UNITED STATES SMELTING REFINING AND MINING COMPANY

[illegible] FLOOR NEWHOUSE BUILDING

P. O. BOX 1630 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, [illegible]

Shipping Point: [illegible] WEST MAR 13 1955

Product [illegible] Mine CHIEF NO. 1 Gold License No.

Received [illegible] Sampled [illegible] Assayed [illegible]

Quotations—Gold: 34.9025 Silver 90.0 Copper, N. Y. [illegible] Lead, N. Y. 13.0 Denver [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
R. & M. Co.	.025	5.3	–	5.7			8.0				.07	.26
D	.025	5.3	.2	6.5			8.3				.08	[illegible]
Umpire				5.9			8.35					
n-Sulphide				.21			.34				.22	.34
ment	.025	5.2	.20	5.60	16.6	6.3	8.02	8.6	7.4			

...S.	NET WEIGHT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
eight	
rs	
ight	[illegible]
2.4 %	[illegible]
ght	[illegible]

METAL VALUES		
Gold 100 % @ 22.4643		56
Silver 70 % @ 90.0	3	28
Copper		
Lead	3	69
Zinc	5	82
Total Metal Value	25	54
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
[illegible]	3	35		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
[illegible]				90
Net Treatment Charge	3	45		

nt for [illegible] Dry Tons @ 16 09 Per Ton [illegible]

	DEDUCTIONS	
(Value under [illegible] Per Ton) [illegible] Wet Tons @ [illegible] Per Ton	[illegible]	
e 15%		
Tax 3%	[illegible]	[illegible]
g Charge		
harge	[illegible]	[illegible]
Charge	[illegible]	[illegible]
g Charge		
g Charge		
Wet Tons @ Per Ton		
Tax 3%		
ling & Tax to:		
[illegible]	176	44
[illegible]		
[illegible]		
[illegible]		
[illegible]		
[illegible]		
Total Deductions	[illegible]	[illegible]
Amount Withheld Pending Receipt of Silver Affidavit EH		
Net Payment	[illegible]	[illegible]

[illegible] BATHHOUSE BUILDING
P. O. BOX 1860 SALT LAKE CITY UTAH

Salt Lake City, Utah, [illegible]

[illegible]

Pay [illegible], SALT LAKE CITY, UTAH

Shipping Point: [illegible], UTAH

MAR 16 1955

No. 233-GPU Product [illegible] Mine [illegible] NO. 1 Gold License No. [illegible]

Sampled by [illegible] Received [illegible] Sampled 3-7-55 Assayed [illegible]

[illegible] Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc [illegible]

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPH ZINC %
S. S. R. & M. Co.	.025	4.9	-	8.1			9.5				.23	.20
[illegible] B	.025	5.2	.20	8.9			9.4				.15	.10
[illegible] Umpire				8.6			9.45 Av.					
Non-Sulphide				.19			.15				.19	.15
[illegible]tlement	.025	5.05	.10	8.41	43.1	8.1	9.30	10.3	5.7			

[illegible] NO.	NET WEIGHT
[illegible]	87600
[illegible]	102440
[illegible]	149540
[illegible]	124780
[illegible]	116040
[illegible]al Weight	
[illegible]tainers	
[illegible] Weight	[illegible]
[illegible]sture 3.7 %	21474
[illegible] Weight	[illegible]

METAL VALUES		
Gold 100 % @ 22.463		56
Silver 70 % @ 90.00	3	18
Copper		
Lead	15	22
Zinc	6	87
Total Metal Value	25	83
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on [illegible]	3	55		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

[illegible]ment for 279.463 Dry Tons @ 22 38 Per Ton 6254 34

		DEDUCTIONS	
[illegible]ght (Value under $10.00 Per Ton) 290.200 Wet Tons @ $1.56 Per Ton		452	71
[illegible]harge 15%			
[illegible]eral Tax 3%		13	58
[illegible]dling Charge			
[illegible]y Charge		7	00
[illegible]pire Charge			
[illegible]ching Charge			
[illegible]pling Charge			
[illegible]ling Wet Tons @ Per Ton			
[illegible]eral Tax 3%			
[illegible] Hauling & Tax to:			
[illegible]alty: 5% of $5781.09 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer DMEA, 224 New Customhouse, Denver 2, Colorado		289	05
Total Deductions		762	34
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		5492	00

Shipping Point: [illegible] BUREAU OF MINES

235-GPU-L Product [illegible] Mine [illegible] Gold License No. Denver, Colorado

Received [illegible] Sampled [illegible] Assayed [illegible]

Gold [illegible] Silver [illegible] N. Y. [illegible] Lead, N. Y. 15.00 Zinc 11.30

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
S. R. & M. Co.	.12	5.4	-	6.2			11.6				.29	.21
[illegible]	.125	5.7	.2	6.7			12.2				.20	.20
[illegible] Umpire				6.6			11.68					
Non-Sulphide				.24			.21				.24	.21
[illegible]lement	.0185	5.55	.20	6.36	39.6	5.1	11.47	9.6	8.0			

NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
[illegible]		Gold	100 % @ 22.4643		42					
		Silver	70 % @ 90.00	3	50	Based on [illegible]	3	95		
		Copper				Variation from % Lead				
		Lead		11	18	Labor				
		Zinc		8	72	Insoluble				
						Zinc, excess over %				
						Sul., excess over %				
						As., excess over %				
						Iron				
						Lime				
Weight						[illegible]				10
[illegible]iners										
Weight	[illegible]									
[illegible]ure 2.1%	[illegible]	Total Metal Value		23	82					
Weight	[illegible]	Less Treatment Charge		9	45	Net Treatment Charge	3	45		

[illegible]ment for [illegible] Dry Tons @ 20 37 Per Ton 1415 69

			DEDUCTIONS
[illegible]t (Value under $10 Per Ton)	70.990 Wet Tons @ $1.56 Per Ton		110.74
[illegible]arge 15%			
[illegible]al Tax 3%			3 32
[illegible]ling Charge			
[illegible] Charge			7 00
[illegible]re Charge			4 00
[illegible]hing Charge			
[illegible]ling Charge			
[illegible]ng	Wet Tons @	Per Ton	
[illegible]al Tax 3%			
[illegible]auling & Tax to:			
[illegible]ty: [illegible] of $1250.68			64 53
[illegible] Defense Minerals Exploration Administration,			
[illegible]/o R. [illegible] King, Executive Officer DMEA,			
[illegible] Denver 2, Colorado			
Total Deductions			[illegible]
Amount Withheld Pending Receipt of Silver Affidavit			
[illegible]		Net Payment	[illegible]

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration

MAR 2 1 1955

FORM C.O. 77-2

766

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, MARCH 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 ECCLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 234-OFU-L Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MIDVALE Received 2-25-55 Sampled 3-2-55 Assayed 3-3-55

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.0 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	8.8	-	9.4			13.3				.27	.23
B & D	.025	8.9	.20	9.9			13.3				.20	.10
BARDWELL Umpire				9.5			13.3 Av.					
Less Non-Sulphide				.24			.17				.24	.17
Settlement	.020	8.85	.10	9.26	35.0	6.2	13.13	12.0	7.0			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
BG 72071		Gold 100 % @ 22.4643		45					
		Silver 70 % @ 90.0	5	58	~~Bonus Base 20% Lead~~	3	95		
		Copper }			Variation from % Lead				
		Lead }	16	99	Labor				
		Zinc	10	20	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Concession				50
Containers									
Wet Weight	147220								
Moisture 3.3 %	4858	Total Metal Value	33	22					
Dry Weight	142362	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 71.181 Dry Tons @ 29 77 Per Ton 2119 06

		DEDUCTIONS	
Freight (Value under $15 Per Ton)	73.610 Wet Tons @ $1.71 Per Ton	125	87
Surcharge 15%			
Federal Tax 3%		3	78
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty:	5% of $1978.41		
	Defense Minerals Exploration Administration	98	92
	c/o W. H. King, Executive Officer DMEA		
	224 New Customhouse, Denver 2, Colorado		

Total Deductions 239 57

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1879 49

FORM C.O. 77-2 ®

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, MARCH 10, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY
Pay CHIEF CONSOLIDATED MINING COMPANY, 605 IDAHO BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 231-GPU Product CRUDE Mine CHIEF NO. 1 Gold License No.
Sampled by MIDVALE Received 2-24-55 Sampled 3-1-55 Assayed 3-2-55
Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.7	-	10.8			9.8				.27	.20
B & D	.025	7.3	.20	11.4			10.5				.20	.20
D & H Umpire		6.98		11.3			9.8					
Less Non-Sulphide				.24			.2				.24	.20
Settlement	.025	6.98	.10	11.06	33.7	6.1	9.6	10.8	9.1			

CAR NOS.	NET WEIGHT
RG 73066	155240
RG 72052	156200
RG 70137	162680
RG 46403	118200
RG 46090	134640
Total Weight	
Containers	
Wet Weight	726960
Moisture 2.7 %	19628
Dry Weight	707332

METAL VALUES		
Gold 100 % @ 22.4643		56
Silver 70 % @ 90.0	4	40
Copper		
Lead	20	70
Zinc	7	12
Total Metal Value	32	78
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Base	3	95		
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Concession				50
Net Treatment Charge	3	45		

Payment for 353.666 Dry Tons @ 29 33 Per Ton 10373 02

		DEDUCTIONS	
Freight (Value under $15.00 Per Ton)	363.480 Wet Tons @ $1.71 Per Ton	621	55
Surcharge 15%			
Federal Tax 3%		18	65
Handling Charge			
Assay Charge		7	00
Umpire Charge		8	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $9717.82		485	89
Defense Minerals Exploration Administration			
c/o W. H. King, Executive Officer DMEA			
224 New Customhouse, Denver 2, Colorado			

Total Deductions 1141 09

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 9231 93

®

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1955

224 New Customhouse
Denver 2, Colorado

March 10, 1955

Memorandum

Gruwold
Betty

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
3062	131 GPUS-DMPA	$244.23	$244.23
3118	132 GPUS-DMPA	$227.12	
	134 GPUS-DMPA	257.03	
	135 GPUS-DMPA	235.09	$719.24
3086	130 GPUS-DMPA	$188.96	
	133 GPUS-DMPA	206.53	$395.49
3197	138 GPUS-DMPA	$207.25	$207.25
2171	137 GPUS-DMPA	$186.98	
	232 GPUL	71.03	$258.01
3224	136 GPUS-DMPA	$144.98	
	139 GPUS-DMPA	175.64	$320.62
3273	140 GPUS-DMPA	$206.91	$206.91

W. M. TRAVER,
W. M. Traver

Enclosures
1d
Copy to: Sec. Opr. Comm. (2) w/settlement sheets
S. R. Wilson w/settlement sheets
Royalty File E4
Chron

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
FEB 23 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, February 21, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 600 Deely Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 131 GPUS-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midvale Received 2-9-55 Sampled 2-11-55 Assayed 2-12-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	7.0		6.9			9.3				.20	.20
B & D	.025	7.5	.20	7.3			9.4				.20	.10
Bardwell Umpire				7.0			9.35 av.					
Less Non-Sulphide				.2			.15				.20	.15
Settlement	.0225	7.25	.10	6.8	40.7	5.6	9.20	9.2	8.4			

CAR NOS.	NET WEIGHT
UP 62246	100100
UP 64911	98760
RG 72520	140640
UP 64271	103380
UP 63272	94000
Total Weight	
Containers	
Wet Weight	537080
Moisture 2.9 %	15576
Dry Weight	521504

METAL VALUES			
Gold 100 % @ 22.4640		51	
Silver 70 % @ 90.0	4	57	
Copper (			
Lead (	12	02	
Zinc	6	78	
Total Metal Value	23	88	
Less Treatment Charge	3	45	

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead		
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Base	3 95	
Concession		50
Net Treatment Charge	3 45	

Payment for 260.752 Dry Tons @ 20 40 Per Ton 5327 16

		DEDUCTIONS
Freight (Value under $10 Per Ton) 268.540 Wet Tons @ $1.56 Per Ton		418.92
Surcharge 15%		
Federal Tax 3%		12 57
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4884.67 Defense Mineral Exploration Administration, c/o W. H. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		244 23

Total Deductions 686 72

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4640 44

64

UNITED STATES SMELTING REFINING AND MINING COMPANY

NORTH FIELD WAREHOUSE

VOUCHER 1370 SALT LAKE CITY 10, UTAH

Shipping Point

Date

Pay

Shipping Point

Acct No. Producer Name Gold Licence No.

Received Sampled Assayed

Mass Quotations Lead Market

Assayer	Gross Weight	Net Weight	Gold	Silver	Copper	Lead	Zinc	Antimony	Lime
Less Non Smelting									
Adjustment									

Net Weight

Gold @

Silver @

Copper

Lead

Zinc

Deduction

Treatment Charge

Gold

Silver

Copper

Lead

Zinc

Total Value

Less Treatment Charge

Net Value

Payment Terms

Dry Tons

Fee Tons

Freight Value Order

Fee Tons

Total @

Total

Sub Total

Less Freight

Heading Charge

Assay Charge

Impure Charge

Sampling Charge

Stockyard Fees

Insurance

Wet Tons @

Dry Tons

Less Fees

Less Handling & Storage

Remarks

Administrative Approval Required

OK TO PAY

MAR 14 1955

Total Deductions

Amount Withheld Until Receipt of Silver Account

Mill Manager

FORM C.O. 77-2 S

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
FEB 28 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, February 25, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidat d Mining Company, 608 Pooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 137 GPUS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 2-12-55 Sampled 2-16-55 Assayed 2-17-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	7.2	-	7.4			9.3				.27	.20
B & D	.025	7.5	.20	8.0			9.8				.15	.15
D & H Umpire				7.6			9.55	av.				
Less Non-Sulphide				.21			.18				.21	.18
Settlement	.0225	7.35	.10	7.39	44.6	5.6	9.37	9.3	7.5			

CAR NOS.	NET WEIGHT
UP 62628	97160
UP 63596	109100
UP 65772	93600
UP 62058	99100
UP 64335	73200
Total Weight	
Containers	
Wet Weight	472160
Moisture 3.4%	16054
Dry Weight	456106

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	4	63
Copper (		
Lead (	13	17
Zinc	6	93
Total Metal Value	25	24
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 228.053 Dry Tons @ 21 79 Per Ton 4969 27

DEDUCTIONS		
Freight (Value under $15 Per Ton) 236.080 Wet Tons @ $1.71 Per Ton	403	70
Surcharge 15%		
Federal Tax 3%	12	11
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4543.46 Defense Minerals Exploration Administration c/o W.E.King, Executive Officer, DMEA, 22% New Customhouse, Denver 2, Colorado	227	12

Total Deductions 653 93

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4315 34

E4

UNITED STATES SMELTING REFINING AND MINING COMPANY

MINT & BOX WAREHOUSE

P.O. BOX 1020 SALT LAKE CITY, UTAH

Purchased From _____ Salt Lake City, Utah

By _____

Shipping Orders

Product _____ Wire _____ Gross Ounces No. _____

Shipped on _____ Received _____ Sampled _____ Assayed _____

Mint Valuation—Gold _____ Silver _____ Copper _____ Lead _____ Zinc _____

Assays	Gold Ozs. per Ton	Silver Ozs. per Ton	Copper	Lead	Precious Metals	Zinc	Molybdenum	Iron	Sulphur
Dry Tons									
Less No. Sulphur									
Settlement									

Cap Nos.	Gross Net Weight	Metal Values	Mint Assay Charges
		Gold @	Gold
		Silver @	Silver
		Copper	Lead
		Lead	Zinc
		Zinc	Molybdenum
		Molybdenum	Iron
		Iron	Sulphur
		Sulphur	Assay Charges
		Assay Charges	Total
		Total	
		Total Metal Value	
		Less Deductions	Net Payable Value

Dry Tons _____ Dry Tons _____ Dry Tons _____

	Per Ton	Deductions
Smelting (Base Rate)		
Surcharge 11%		
Federal Tax 2%		
Handling Charge		
Assay Charge		
Sampling Charge		
Weighing Charge		
Sampling Charge		
Marketing		
Federal Tax 2%		
Net Payable Per Ton		

Total Deductions

Approved Without Prejudice Recourse Subject Adjustments

Net Payment

Examined and Approved
Administration Accounting Unit
Contract
MAR 14 1956

FORM C.O. 77-a

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd.

706

Salt Lake City, Utah, February 25, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 134 GPUB-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 2-14-55 Sampled 2-17-55 Assayed 2-18-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	7.5	-	7.6			9.3				.23	.17
B & D	.030	7.7	.20	8.3			9.8				.15	.10
Bardwell Umpire				7.8			9.55 av.					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.0275	7.6	.10	7.61	41.6	6.0	9.41	10.0	7.8			

CAR NOS.	NET WEIGHT
UP 62071	106300
UP 64296	98980
UP 63520	96240
UP 64978	96860
NCR 21708	112240
Total Weight	
Containers	
Wet Weight	514520
Moisture 3.3 %	16980
Dry Weight	497540

METAL VALUES		
Gold 100 % @ 22.4643		62
Silver 70 % @ 90.0	4	79
Copper (		
Lead (	13	61
Zinc	6	96
Total Metal Value	25	98
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 248.770 Dry Tons @ 22 53 Per Ton 5604 79

			DEDUCTIONS	
Freight (Value under $15 Per Ton)	257.260	Wet Tons @ $1.71 Per Ton	439	91
Surcharge 15%				
Federal Tax 3%			13	20
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @	Per Ton			
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $5140.68 Defense Minerals Exploration Administration, c/o N.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			257	03

Total Deductions 721 14

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4883 65

24

[illegible] STATES SMELTING REFINING AND MINING COMPANY

NORTH FLOOR INTERNOUSE BUILDING

P. O. BOX 1500, SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Purchased from

Shipping Point

No. Mine Producer Mond Lic. No.

Sampled Received Sampled Assayed

Assay Instructions—Gold Silver Copper N.Y. Lead N.Y.

Assay	Gold Description	Silver Description	Copper	Lead	Insoluble	Iron	Zinc	Sulphur	Lime
U.S. Bur. of Mines									
Ultrasol									
Lucas Sons Update									
Zero Quality									

Lot No.	Net Weight	Metal Values	Treatment Charges
		Gold	Smelter
		Silver	Van Ness Lime
		Copper	Lead
		Lead	Iron
		Zinc	Zinc Sulphate
			Sulphur
			Acid
			Lime
			Slag
			Slime
Total Wet			
Contract			
Wet Weight			
Moisture %		Less Moist Veins	
Dry Weight		Less Treatment Charges	

Payment for	Dry Tons	Per Ton
Lead Value	Per Ton	
Gold Value 1%		
Lead Tax 1%		
Handling Charge		
Assay Charge		
Unloading Charge		
Weighing Charge		
Sampling Charge		
Insurance		
U.S. Fed. Tax 3%		
Ut. Fed. Tax 3%		

Deductions

Deductions	Per Ton
W.T.	
Total Deductions	

Amount Payable Net Bullion Received Silver Bullion

Net Payment

CONTROL BUT TO REPRODUCE

Utah Geological Society

RECEIVED

MAR 14 1983

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd FEB 28 1955

Salt Lake City, Utah, February 25, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 135 GPUS-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Invoice Received 2-14-55 Sampled 2-17-55 Assayed 2-18-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.6	-	7.5			8.8				.23	.18
B & D	.025	6.8	.20	7.8			9.4				.15	.10
Union Umpire				7.65 av.			9.14					
Less Non-Sulphide				.19			.14				.19	.14
Settlement	.025	6.7	.10	7.46	30.9	5.8	9.00	9.5	8.8			

CAR NOS.	NET WEIGHT
UP 64261	105960
UP 65639	102500
UP 65270	94400
UP 66684	104120
UP 66356	90760
Total Weight	
Containers	
Wet Weight	497740
Moisture 3.4%	16924
Dry Weight	480816

METAL VALUES		
Gold 100 % @22.4643		56
Silver 70 % @ 90.0	4	22
Copper (		
Lead (	13	30
Zinc	6	62
Total Metal Value	24	70
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 240.408 Dry Tons @ 21 25 Per Ton 5108 67

DEDUCTIONS		
Freight (Value under $10 Per Ton) 248.870 Wet Tons @ $1.56 Per Ton	388	24
Surcharge 15%		
Federal Tax 3%	11	65
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4701.78 Defense Minerals Exploration Administration c/o R.F. King, Executive Officer, DMEA, 224 New Customhouse Denver 2, Colorado	235	09

Total Deductions 641 98

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4466 69

Ef

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
MAR 14 1955

FORM C.O.-77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd:
FEB 28 1955
BUREAU OF
Denver, C

Salt Lake City, Utah, February 24, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
Shipping Point: Brooks, Utah

Lot No. 130 GPIE-IMPA-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midvale Received 2-7-55 Sampled 2-10-55 Assayed 2-11-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.9	-	6.4			7.8				.33	.18
B & D	.025	6.0	.20	6.8			8.2				.20	.10
D & B Umpire				6.7			8.0 av.					
Less Non-Sulphide				.27			.14				.27	.14
Settlement	.0225	5.95	.10	6.43	40.1	4.9	7.86	7.6	10.0			

CAR NOS.	NET WEIGHT
UP 64595	90020
UWR 21891	95000
UCR 21487	105900
UP 62767	87900
UP 62112	105000
Total Weight	
Containers	
Wet Weight	483820
Moisture 3.1%	14998
Dry Weight	468822

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	75
Copper (		
Lead (	11	31
Zinc	5	69
Total Metal Value	21	26
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 234.411 Dry Tons @ 17 81 Per Ton 4174 86

DEDUCTIONS		
Freight (Value under $10 Per Ton) 241.910 Wet Tons @ $1.56 Per Ton	377	38
Surcharge 15%		
Federal Tax 3%	11	32
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3779.16 Defense Minerals Exploration Administration c/o W.E.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	188	96
Total Deductions	584	66
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3590	20

E4

UNITED STATES SMELTING REFINING AND MINING COMPANY
[illegible] FLOOR NEWHOUSE BUILDING
P.O. BOX 1500 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

From Assayed from

To

Shipping Point

Lot No. Date Gold Licensed No.

Received by Received Sample

Metal Contents Gold Silver Copper Lead Zinc Other Load No.

Assayer	Gold oz per ton	Silver oz per ton	Copper %	Lead %	Zinc %	Iron %	Insoluble %	Sulphur %	Antimony %	Arsenic %
U.S.S.R.&M.Co.										
Tunnel										
Lot No. Grade										
Settlement										

Pay Metal	Settlement	Metal Value	Deductions
Gold		Gold $	Freight
Silver		Silver	Sampling
Copper		Copper	Labor
Lead		Lead	Insurance
Zinc		Zinc	Zinc Smelting
			Silver Refining
			Gold Refining
			Lead
			Zinc
Total Lots			
Contents			
Wet Weight			
Moisture %		Net Metal Value	
Dry Tons		Less Treatment Charges	

Assay Factor	Dry Tons	Pay Lots
Lots (Wet Tons)	Dry Tons	Wet Tons @ Per Ton
Moisture %		
Sorting Tax %		
Handling Charge		
Assay Charge		
Sampling Charge		
Weighing Charge		
Unloading Charge		
Sampling Charge		
Freight	Wet Tons @	Per Ton
Federal Tax %		
Pay Total of Dry Tons		
Remarks		

Assistant Chief Clerk
Carlisle

SEP 14 1956

Total Deductions

Amount Disbursed Monthly Recapitulation Sheet Attached

Net Payment

FORM C.O. 77-2. ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd. FEB 28 1955

Salt Lake City, Utah, February 24, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 133 GFUS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

BUREAU OF MINES Denver, Colorado

Sampled by Midvale Received 2-11-55 Sampled 2-15-55 Assayed 2-16-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.9	-	7.3			8.1				.27	.20
B & D	.030	6.3	.20	7.8			8.1				.20	.10
Union Umpire				7.6			8.1 av.					
Less Non-Sulphide				.24			.15				.24	.15
Settlement	.0275	6.1	.10	7.36	39.9	5.6	7.95	8.4	9.6			

CAR NOS.	NET WEIGHT
UP 64586	93120
UP 65701	93240
UP 60137	83580
UP 66193	97060
UP 65082	102460
Total Weight	
Containers	
Wet Weight	469460
Moisture 3.3%	15492
Dry Weight	453968

METAL VALUES		
Gold 100 % @ 22.4643		62
Silver 70 % @ 90.0	3	84
Copper		
Lead	13	32
Zinc	5	76
Total Metal Value	23	34
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 226.984 Dry Tons @ 19 89 Per Ton 4514 71

Freight (Value under $10 Per Ton)	234.730	Wet Tons @ $1.56 Per Ton	366	18
Surcharge 15%				
Federal Tax 3%			10	99
Handling Charge				
Assay Charge			7	00
Umpire Charge,				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $4130.54 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			206	53

Total Deductions 590 70

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3924 01

®

E4

UNITED STATES SMELTING REFINING AND MINING COMPANY
NINTH FLOOR, KEARNS BUILDING
P. O. BOX 1080 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Price per Ounce

Paid

Shipping Date

Lot No. | Producer | Mine | Smelter Receipt No.

Shipped by | Refinery | Shipped to | Assayed

Total Gross Dry | Buyer | Assayer N.Y. | Assay N.Y.

Assay	Gold Oz. per Ton	Silver Oz. per Ton	Copper %	Lead %	Zinc %	Sulphur %	Other	Other	Other
Gross Dry									
Moisture									
Gross Dry Solids									
Settlements									

Car Nos.	Pay Weight	Metal Values	Treatment Charges	Net
		Gold	Gold	
		Silver	Silver	
		Copper	Copper	
		Lead	Lead	
		Zinc	Zinc	
			Sulphur	
			Arsenic	
			Iron	
			Other	
Total Values				
Treatment				
Net Value				
Freight		Total Net Value		
Assay Cost		Less Total Charges	Net Payment Due	

Payment for | Dry Tons | Zinc Tons

Description

Total Value (Value per Ton)

Smelting 15%

Refining 2%

Handling Charge

Assay Charge

Insurance Charge

Weighing Charge

Sampling Charge

Hauling | Net Tons @ | Per Ton

Federal Tax 2%

Regulation C Tax

Penalty

RECEIVED SMTS REFINERY
Technical Materials Section
SEP 1 4 1953

Total Deductions

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, March 2, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 606 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 138 GPUS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Fidvelo Received 2-19-55 Sampled 2-22-55 Assayed 2-23-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.8	-	5.4			8.4				.20	.18
B & D	.025	6.3	.20	6.1			8.5				.15	.10
Union Umpire				5.7			8.45av					
Less Non-Sulphide				.18			.14				.18	.14
Settlement	.0225	6.05	.10	5.52	43.2	5.5	8.31	8.2	8.8			

CAR NOS.	NET WEIGHT
UP 62128	91660
UP 60067	92480
UP 63189	88760
BO 72856	161400
BO 72561	140720
Total Weight	
Containers	
Wet Weight	575040
Moisture 3.6%	20702
Dry Weight	554338

METAL VALUES		
Gold 100 % @ 22.4613		51
Silver 70 % @ 90.0	3	81
Copper		
Lead	9	57
Zinc	6	05
Total Metal Value	19	94
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
	Base	3	95		
	Concession				50
Net Treatment Charge		3	45		

Payment for 277.169 Dry Tons @ 16 49 Per Ton 4570 52

DEDUCTIONS		
Freight (Value under $8 Per Ton) 287.520 Wet Tons @ $1.40 Per Ton	402	53
Surcharge 15%		
Federal Tax 3%	12	08
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4144.91 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse Denver 2, Colorado	207	25
Total Deductions	632	86
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3937	66

E4

UNITED STATES BUREAU OF MINES
MINERALS EXPLORATION
LOCATE FLUOR-NEW-COBALT-NICKEL
PROJECT 1903 SALT LAKE CITY, UTAH

Sample No. _____ Sample Point _____

Date _____ Product _____ Date Received _____

Sampled by _____ Received _____ Sampled _____ Assayed _____

Metal Equivalents—Gold _____ Silver _____ Copper _____ Lead _____ Zinc _____

ASSAYS	GOLD Oz. per Ton	SILVER Oz. per Ton	COPPER %	LEAD %	INSOLUBLE %	ZINC %	SULPHUR %	TIN %	Non Acid Insoluble %
U. S. B. C.									
Check									
Check Solution									
Grade Assay									

Dry Weight	Net Weight	Metal Value	Treatment Charges	Penalty	Gross
Gross		Gold @	Fixed		
Tare		Silver @	Variable		
Net		Copper	Labor		
Moisture %		Lead	Insoluble		
Dry Weight		Zinc	Extra		
		Sulphur	Assay		
		Tin			
		Total			

Total Value
Smelter
Net Weight
Moisture %
Dry Weight

Total Value
Treatment Charge
Penalty Charge
Net Smelter Return

Payment to _____ Dry Tons @ _____ Pay Tons _____

Deductions

Payable Value
Smelter Fee
Federal Tax 2%
Handling Charge
Assay Charge
Freight Charge
Weighing Charge
Sampling Charge
Handling
Federal Tax 2%
Net Handling & Tax

Net Value

Total Deductions

Net Payment

Received
Land Office
Mineral Division
RECEIVED
MAR 14 1955

FORM C.O. 77-2 ®

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAR 3 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, March 1, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 137 GPRS-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Hidvale Received 2-16-55 Sampled 2-19-55 Assayed 2-19-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.8	-	6.2			8.4				.27	.18
E & D	.02	6.5	.20	6.7			9.2				.15	.15
D & H Umpire		5.88		6.3			9.0					
Less Non-Sulphide				.21			.17				.21	.17
Settlement	.02	5.88	.10	6.09	40.3	5.7	8.83	8.4	9.3			

CAR NOS.	NET WEIGHT
UP 65313	113900
UP 66043	90720
UP 64872	97660
UP 64247	79740
UP 63781	97160
Total Weight	
Containers	
Wet Weight	479180
Moisture 3.1%	14854
Dry Weight	464326

METAL VALUES		
Gold 100 % @ 22.1643		45
Silver 70 % @ 90.0	3	70
Copper (		
Lead (	10	65
Zinc	6	48
Total Metal Value	21	28
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on % Lead					
Variation from % Lead					
Labor					
Insoluble					
Zinc, excess over %					
Sul., excess over %					
As., excess over %					
Iron					
Lime					
	Base	3	95		
	Concession				50
Net Treatment Charge		3	45		

Payment for 232.163 Dry Tons @ 17 83 Per Ton 4139 47

DEDUCTIONS		
Freight (Value under $10 Per Ton) 239.590 Wet Tons @ $1.56 Per Ton	373	76
Surcharge 15%		
Federal Tax 3%	11	21
Handling Charge		
Assay Charge	7	00
Umpire Charge	8	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3739.50 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	186	98
Total Deductions	586	95
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3552	52

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E4

UNITED STATES SMELTING REFINING AND MINING COMPANY

SMELTER DIVISION NEW ... REFINERY

P.O. BOX 1550 SALT LAKE CITY 10, UTAH

Sail/Air Express

Purchased From

Pay

Shipping Point

Lot No. Date Gross Lbs. Gold Licence No.

Sampler Received Sampled Assayed

Net Lbs. Gold and Gold Silver Copper Lead Bismuth Zinc Platinum Group Lbs. Gold Lbs. Silver

Assays	Gold oz. per ton	Silver oz. per ton	Copper	Lead	Bismuth	Zinc	Platinum Group	Gold	Silver
U.S.S.R.R.M. Co.									
Dirt									
Iron Sulphide									
Selenium									

Car Use	Net Weight	Metal Values	Treatment Charges
		Gold @	Gold
		Silver @	Silver
		Copper	Copper
		Lead	Lead
		Zinc	Bismuth
			Zinc
			Sulphur
			Arsenic
			Iron
			Lime
Total Weight			
Tonnage			
Wet Weight			
Moisture %		Total Metal Value	
Dry Weight		Less Treatment Charge	Net Treatment Charge

Payment for Dry Tons for Tons

Smelter Value under	Per Ton	Value Tons @	Per Ton
Smelter Value			
Freight Per Ton			
Freight Charge			
Assay Charge			
Sampling Charge			
Weighing Charge			
Sampling Charge			
Handling		Net Tons @	Per Ton
Federal Tax 2%			
Pay Handling & Tax			
Royalty			

INSPECTIONS

RECEIVED

MAR 14 1955

Total Deductions

Amount Withheld Pending Receipt of U.S.S.R.R.M. Affidavit

Net Payment

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, March 1, 1955

DMEA Date Rec'd MAR 3 1955 BUREAU OF MINES Denver, Colorado

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 232 GPUL Product crude Mine Chief No. 1 Gold License No.

Sampled by Mivale Received 2-17-55 Sampled 2-19-55 Assayed 2-21-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	7.9	-	9.4			14.8				.23	.21
B & D	.018	8.1	.20	9.9			15.2				.15	.15
C & H Umpire				9.5			15.0 av.					
Less Non-Sulphide				.19			.18				.19	.18
Settlement	.019	8.0	.10	9.31	33.6	5.7	14.82	11.0	7.6			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 72292		Gold 100 % @ 22.4643		43						
		Silver 70 % @ 90.0	5	04	Based on	% Lead				
		Copper (			Variation from	% Lead				
		Lead (	17	07	Labor					
		Zinc	11	76	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight						Base	3	95		
Containers						Concession				50
Wet Weight	100740									
Moisture 1.4 %	1410	Total Metal Value	34	30						
Dry Weight	99330	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 49.665 Dry Tons @ 30 85 Per Ton 1532 17

		DEDUCTIONS
Freight (Value under $20 Per Ton)	50.370 Wet Tons @ $1.94 Per Ton	97.72
Surcharge 15%		
Federal Tax 3%		2 93
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $1420.52 Defense Minerals Exploration Administration c/o W. N. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		71 03

Total Deductions 182 68

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1349 49

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UNITED STATES SMELTING REFINING AND MINING COMPANY
SIXTH FLOOR NEW HOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Processed For

Pay

Shipping Point

Lot No. Product Mine Our License No.

Sampled by Received Sampled Assayed

Total Sulphide—Gold Silver Copper % Lead % Zinc

Assay	Gold	Silver	Copper	Lead	Zinc	Antimony	Arsenic	Bismuth	Cadmium	Iron	Sulphur	Insoluble	Moisture	Gold Silver Ratio
U. S. A. L. M. C.														
Lumps														
Less Moisture														
Settlement														

Charges	Net Weight	Metal Values	Treatment Charges	Gross	Net
		Gold	Lead @		
		Silver	Zinc @		
		Copper	Lead @		
		Lead	Iron		
		Zinc	Insoluble		
			Silica		
			Sulphur		
			Arsenic		
			Iron		
			Lime		
Total Weight					
Tonnage					
Wet Tons		Total Metal Value			
Moisture %		Less Treatment Charges			
Net Tons					

Payment For	Dry Tons @	Per Ton
Gross Value	Per Ton	Wet Tons @ Per Ton
Smelting 12%		
Federal Tax 2%		
Handling Charge		
Assay Charge		
Lump Charge		
Trucking Charge		
Sample Charge		
Hauling	Wet Tons @	Per Ton
Federal Tax 2%		
Per Hauling Charge		
Royalty		

Total Deductions

Account Without Recourse Purchase of Silver Subject to

Per Statement

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Rec'd.
MAR 7 1955

Salt Lake City, Utah, March 3, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 136 CPMS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No. DURANGO Colo. Silver, Colo.

Sampled by Midvale Received 2-16-55 Sampled 2-24-55 Assayed 2-25-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.035	6.20	-	5.90			9.0				.30	.18
B & D	.025	6.50	.20	6.30			9.0				.15	.10
Bardwell Umpire				6.10			9.0 av.					
Less Non-Sulphide				.23			.14				.23	.14
Settlement	.030	6.35	.10	5.87	42.4	5.1	8.86	7.2	8.8			

CAR NOS.	NET WEIGHT
UP 63420	91040
UP 65777	107200
UP 64929	92700
UP 62553	78580
Total Weight	
Containers	
Wet Weight	369520
Moisture 3.4%	12564
Dry Weight	356956

METAL-VALUES		
Gold 100 % @ 22.4643		67
Silver 70 % @ 90.0	4	00
Copper (		
Lead (	10	24
Zinc	6	50
Total Metal Value	21	41
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 178.478 Dry Tons @ 17 96 Per Ton 3205 46

	DEDUCTIONS	
Freight (Value under $10 Per Ton) 184.760 Wet Tons @ $1.56 Per Ton	288	23
Surcharge 15%		
Federal Tax 3%	8	65
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2899.58 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse Denver 2, Colorado	144	98

Total Deductions 450 86

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2754 60

Eff

UNITED STATES SMELTING REFINING AND MINING COMPANY
NORTH SLOPE WAREHOUSE
P. O. BOX 1-55 SALT LAKE CITY, UTAH

Purchased from
By

Shipping Point

Lot No. Mine Gold License No.
Sampled by Received Sampled Assay No.
Mark Quotations—Gold Silver Copper % Lead % Zinc

Assayer	Gold Ounces per ton	Silver Ounces per ton	Copper	Lead	Zinc	Iron	Insoluble	Iron	Sulphur	Lime	Sulphur Dioxide	Net
U. S. S. R. & M. Co.												

Gross
Less Sampling
Deductions

Gross Ounces	Net Weights	Metal Values	Treatment Charges	Debit	Credit
		Gold @			
		Silver @	Freight on		
		Copper	Veramin Cost		
			Zinc		
			Insoluble		
			Zinc recovery		
			Pulp recovery		
			Arsenic recovery		
			Iron		
			Lime		
Total Weight					
Deductions					
Net Weight					
Moisture		Total Metal Value			
Dry Weight		Less Total Charges			

Payment for Dry Lots @ Per Ton

Deductions

Freight Allowance Less 7% Wet Tons @ Net Tons
Smelting Charge 17%
Federal Tax 2%
Handling Charge
Assay Charge
Hauling Charge
Weighing Charge
Sampling Charge
Hoisting Wet Tons @ Net Tons
Federal Tax 2%
Pay Hoisting Charge

Royalty

RECEIVED
MAR 14 1935

Total Deductions

Amount Withheld Pending Report of Silver Assay

Net Payment

FORM C.O. 77-a

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
MAR 7 1955

Salt Lake City, Utah, March 3, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 139 GPUE-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No. Denver - Colorado

Sampled by Midvale Received 2-21-55 Sampled 2-23-55 Assayed 2-24-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.90	-	5.5			9.0				.27	.18
B & D	.025	5.90	.20	5.9			10.1				.15	.10
C & N Umpire				5.4			9.6					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.0225	5.90	.10	5.29	41.0	5.7	9.46	9.2	9.1			

CAR NOS.	NET WEIGHT
UP 66729	91480
UP 66171	108860
UP 60002	86400
UP 64198	100560
UP 60143	93660

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	72
Copper		
Lead	9	14
Zinc	7	00
Total Metal Value	20	37
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Total Weight			
Containers			
Wet Weight	480960		
Moisture 3.9%	18758		
Dry Weight	462202		

Payment for 231.101 Dry Tons @ 16 92 Per Ton 3910.23

			DEDUCTIONS
Freight (Value under $10 Per Ton)	240.480	Wet Tons @ $1.56 Per Ton	375.15
Surcharge 15%			
Federal Tax 3%			11 25
Handling Charge			
Assay Charge			7 00
Umpire Charge			4 00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @	Per Ton	
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3512.83 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Custom house Denver 2, Colorado			175 64

Total Deductions 573 04

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3337 19

Ef

UNITED STATES SMELTING REFINING AND MINING COMPANY
MINERAL FLOOR WAREHOUSE
P. O. BOX 1500 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Per Classification

Pay

Shipping Point

Lot No. Mine Product Gold Ounce Value

Sampled by Received Sampled Assayed

Metal Contents — Gold Silver Copper % Lead %

Assays	Gold Contents	Silver Contents	Copper %	Lead %	Iron %	Zinc %	Sulphur %	Lime %	% of Silica Solubility
U. S. S. R. Fee									
Tenor									
Less/Penalties									
Settlement									

Car Nos.	Net Weight	Metal Values	Treatment Charges
		Gold	
		Silver	
		Copper	
		Lead	
		Zinc	
			Value Lead
			Iron
			Silica
			Gold Ounce Value
			Silver Ounce Value
			Copper Ounce Value
			Iron
			Lime
Total Weight			
Charges			
Net Weight			
Moisture		Total Metal Value	
Dry Weight		Less Treatment Charge	Net Metal Value

Payment for Dry Tons Dry Tons Per Ton

Deductions

	Per Ton	Wet Tons @	Per Ton
Freight / Wharfage			
Storage on Ore			
Federal Tax 3%			
Handling Charge			
Assay Charge			
Drying Charge			
Weighing Charge			
Sampling			
Labor	Wet Tons @	Per Ton	
Insurance			
Weighing Charge			
Freight			

CERTIFIED SAMPLER
Colorado Minerals Administration
RECEIVED
APR 14 1955

Total Deductions

Submitted Vouchered Under Account of Mr. A. T. Ney

Per Month

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Date Rec'd.
MAR 3 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, March 4, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 140 GPMS-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 2-23-55 Sampled 2-25-55 Assayed 2-26-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	5.6	-	5.8			9.3				.27	.18
B & D	.025	5.8	.20	6.2			10.0				.15	.10
Union Umpire				6.2			9.75					
Less Non-Sulphide				.21			.14				.21	.14
Settlement	.025	5.7	.10	5.99	41.0	5.2	9.61	9.5	9.0			

CAR NOS.	NET WEIGHT
RG 70178	132660
UP 66229	101280
UP 66621	85200
UP 64664	94900
UP 65467	98560
Total Weight	
Containers	
Wet Weight	512680
Moisture 2.8%	14356
Dry Weight	498324

METAL VALUES		
Gold 100 % @ 22.4613		56
Silver 70 % @ 90.0	3	59
Copper (		
Lead (	10	46
Zinc	7	13
Total Metal Value	21	74
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 249.162 Dry Tons @ 18 29 Per Ton 4557 17

DEDUCTIONS		
Freight (Value under $8.80 Per Ton) 256.340 Wet Tons @ $1.56 Per Ton	399	89
Surcharge 15%		
Federal Tax 3%	12	00
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4138.26 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer DMEA, 224 New Customhouse Denver 2, Colorado	206	91

Total Deductions 625 80

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3931 37

EJ

UNITED STATES SMELTING REFINING AND MINING COMPANY
ANNEX FLOOR NEWHOUSE BUILDING
P. O. BOX 1550 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Received From

By

Shipping Point

Lot No. Product Mine Gold License No.

Sampled By Received Sampled Assayed

Gold Dollars — Gold Silver Copper Lead Zinc

Assays	Gold	Silver	Copper	Lead	Zinc	Sulphur	Iron	Silica	Lime	Alumina	Moisture
U.S.S.R. C/I Co.											

Ships

Less Shipping Grade

Settle Acct

Sam. Nos.	Net Weight	Metal Values	Treatment Charges	Credit	Debit
		Gold @			
		Silver @	Based on	Sn Lead	
		Copper	Variation Cost	Cl Lead	
		Lead	Labor		
		Zinc	Consultants		
			Zinc Cross Over		
			Sulphur Cross Over		
			Iron		
			Lime		
			Total		
			Guarantee		
			Warehouse		
			Moisture	Total Net Value	
			Dry Weight	Less Treatment Charge	Net Treatment Charge

Payment for Dry Tons Per Ton

Deductions

Foreign Value Added Tax @ Per Ton

Ancillary Fee

Delay Fee

Handling Charge

Assay Charge

Sample Charge

Weighing Charge

Sampling Charge

Trucking Wet Tons @ Per Ton

Federal Taxes

Pennsylvania Taxes

Forward

Approved
Accounts Control Manager
Treasurer

MAR 14 1955

Total Deductions

Amount Wire and Mailing Fees U.S. Dollars

Net Payment

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

224 New Customhouse
Denver 2, Colorado

February 21, 1955

Approved
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company. Also enclosed are United States Smelting, Refining and Mining Company checks Nos. 2790, 2907, 2922, 2935, 2950, 2983 and 3010 in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
2790	118-GPUS-DMPA	$105.96	
"	227-GPU-L	5.55	$111.51
2907	121-GPUS-DMPA	$161.12	$161.12
2922	122-GPUS-DMPA	$180.63	
"	123-GPUS-DMPA	196.71	$377.34
2935	124-GPUS-DMPA	$166.43	
"	125-GPUS-DMPA	209.97	
"	225-GPU	387.03	
"	229-GPU-L	26.67	$790.10
2950	126-GPUS-DMPA	$200.65	$200.65
2983	127-GPUS-DMPA	$218.08	
"	128-GPUS-DMPA	$181.73	$399.81
2010	129-GPUS-DMPA	$253.82	
"	228-GPU	391.68	
"	230-GPU-L	34.55	$670.05

W. M. TRAVER

W. M. Traver

Enclosures
1a

Copy to: Sec. Opr. Comm. (.) w/settlement sheets
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Dmea
FEB 9 1955

Salt Lake City, Utah, February 2, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 118-GPUS-DUPS-prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 1-21-55 Sampled 1-25-55 Assayed 1-26-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	3.60	-	4.5			7.2				.23	.18
B & D	.018	3.70	.20	5.0			7.5				.30	.10
C & N Umpire				5.0			7.35 av.					
Less Non-Sulphide				.27			.14				.27	.14
Settlement	.0165	3.65	.10	4.73	46.9	4.2	7.21	6.1	9.4			

CAR NOS.	NET WEIGHT
UP 66492	*80820
UP 63088	*96260
UP 64904	100600
UP 62855	*93360
RG 70491	139540

Weight to be used for freight purposes is 540120#
*100,000 Minimum

METAL VALUES			
Gold	100 % @ 22.4643		37
Silver	65 % @ 90.0	2	14
Copper	(		
Lead	(	7	54
Zinc		5	17
Total Weight			
Containers			
Wet Weight	510580		
Moisture 3.0%	15318		
Dry Weight	495262		
Total Metal Value		15	22
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
	Base	3	95		
	Concession				50
Net Treatment Charge		3	45		

Payment for 247.631 Dry Tons @ 11 77 Per Ton 2914 62

DEDUCTIONS		
Freight (Value under $5 Per Ton) 270.070 Wet Tons @ 93¢ Per Ton	251	17
Surcharge 15%		
Federal Tax 3%	7	54
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 4% of $2648.91 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	105	96

Total Deductions 371 67

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2542 95

64

FORM C.O. 77-2 S

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Dmea
FEB 9 1955

706

Salt Lake City, Utah, February 2, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 227 GPU-L Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 1-21-55 Sampled 1-25-55 Assayed 1-26-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	2.5	-	3.30			5.7				.30	.21
B & D	.025	3.7	.20	3.70			5.6				.30	.10
~~Bardwell~~ Umpire		3.73		3.30			5.65 av.					
Less Non-Sulphide				.30			.16				.30	.16
Settlement	.0225	3.70	.10	3.00	27.9	4.7	5.49	6.2	16.2			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES		DEBIT		CREDIT	
RG 70241		Gold 100 % @ 22.4643		51						
		Silver 65 % @ 90.0	2	16	Based on	% Lead				
		Copper (			Variation from	% Lead				
		Lead (	4	84	Labor					
		Zinc	3	85	Insoluble					
					Zinc, excess over	%				
					Sul., excess over	%				
					As., excess over	%				
					Iron					
					Lime					
Total Weight						Base	3	95		
Containers						Concession				50
Wet Weight	112740									
Moisture 2.4%	2706	Total Metal Value	11	36						
Dry Weight	110034	Less Treatment Charge	3	45	Net Treatment Charge		3	45		

Payment for 55.017 Dry Tons @ 7 91 Per Ton 435 18

		DEDUCTIONS	
Freight (Value under $5 Per Ton)	56.370 Wet Tons @ 93¢ Per Ton	52	42
Surcharge 15%			
Federal Tax 3%		1	57
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 1½% of $370.19 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		5	55

Total Deductions 70 54

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 364 64

64

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

FEB 11 1955

706

Salt Lake City, Utah, February 9, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 121 CPUS-SMRA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 1-28-55 Sampled 2-1-55 Assayed 2-2-55

Metal Quotations—Gold 36.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.6	-	5.9			7.8				.20	.21
B & D.	.018	6.1	.20	6.7			7.8				.25	.10
C & M Umpire				6.1			7.8 av.					
Less Non-Sulphide				.23			.16				.23	.16
Settlement	.0165	5.85	.10	5.87	50.5	5.9	7.64	8.5	6.6			

CAR NOS.	NET WEIGHT
UP 65876	85520
UP 65581	95160
UP 63039	91220
UP 63531	80200
UP 65777	90820
Total Weight	
Containers	
Wet Weight	446920
Moisture 2.8%	12514
Dry Weight	434406

METAL VALUES		
Gold 100 % @ 22.4643		37
Silver 70 % @ 90.0	3	69
Copper		
Lead	10	24
Zinc	5	52
Total Metal Value	19	82
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 217.203 Dry Tons @ 16 37 Per Ton 3555 61

		DEDUCTIONS	
Freight (Value under 68 Per Ton) 223.460 Wet Tons @ 1.40 Per Ton		312	84
Surcharge 15%			
Federal Tax 3%		9	39
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3222.38 Defense Minerals Exploration Administration, c/o U.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		161	12
Total Deductions		494	35
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3061	26

64

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
FEB 14 1955

706

Salt Lake City, Utah, February 10, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

BUREAU OF MINES
Denver, Colorado

Lot No. 123 GPUS DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 1-31-55 Sampled 2-3-55 Assayed 2-4-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.017	6.4	-	6.10			8.10				.20	.20
B & D	.025	6.5	.20	6.70			7.60				.30	.10
Burchell Umpire				6.70			7.95 cv.					
Less Non-Sulphide				.25			.15				.25	.15
Settlement	.021	6.45	.30	6.45	46.5	6.2	7.80	8.9	6.9			

CAR NOS.	NET WEIGHT
UP 60036	98140
UP 63770	98220
UP 63457	93840
UP 66674	102920
UP 66448	100860
Total Weight	
Containers	
Wet Weight	493980
Moisture 2.8%	13832
Dry Weight	480148

METAL VALUES		
Gold 100 % @ 22.4643		47
Silver 70 % @ 90.0	4	06
Copper (		
Lead (	11	35
Zinc	5	64
Total Metal Value	21	52
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 240.074 Dry Tons @ 18 07 Per Ton 4336 14

			DEDUCTIONS	
Freight (Value under $10 Per Ton)	246.990	Wet Tons @ $1.56 Per Ton	385.30	
Surcharge 15%				
Federal Tax 3%			11	56
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3934.28 Defense Minerals Exploration Administration, c/o V.E.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			196	71
Total Deductions			600	57
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment			3737	57

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd

706

Salt Lake City, Utah, February 10, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 606 Dooly Building, Salt Lake City, Utah BUREAU OF MINES

Shipping Point: Eureka, Utah Denver, Colorado

Lot No. 122 CPUE-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Mikola Received 1-27-55 Sampled 2-3-55 Assayed 2-3-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.90	-	6.8			8.0				.47	.20
B & D	.018	6.30	.20	7.2			8.5				.60	.10
C & P Umpire				6.5			8.25 av.					
Less Non-Sulphide				.54			.15				.54	.15
Settlement	.019	6.10	.10	6.76	48.1	5.7	8.10	8.2	7.0			

CAR NOS.	NET WEIGHT
UP 62253	91560
UP 65691	97440
UP 65256	97520
UP 66008	92960
UP 66627	87920
Total Weight	
Containers	
Wet Weight	467400
Moisture 3.7%	17296
Dry Weight	450106

METAL VALUES		
Gold 100 % @ 22.4643		40
Silver 70 % @ 90.0	3	84
Copper (		
Lead (	11	06
Zinc	5	89
Total Metal Value	21	22
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 225.053 Dry Tons @ 17 77 Per Ton 3999 19

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	233.700 Wet Tons @ $1.56 Per Ton	364.57	
Surcharge 15%			
Federal Tax 3%		10	94
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3632.68 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		180	63

Total Deductions 567 14

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3432 05

EU

FORM C.O. 77-2 ®

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.

706

Salt Lake City, Utah, February 11, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

BUREAU OF MINES
Denver, Colorado

Shipping Point: Eureka, Utah

Lot No. 229 CFU-1 Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midvale Received 1-31-55 Sampled 2-4-55 Assayed 2-5-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	8.1	-	3.3			7.4				.20	.20
D & D	.018	6.0	.20	3.2			6.6				.20	.20
Bardwell Umpire				3.25 av.			7.2					
Less Non-Sulphide				.20			.2				.20	.20
Settlement	.019	6.05	.10	3.05	41.0	4.4	7.0	6.1	11.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RG 73528		Gold 100 % @ 22.4643		43					
		Silver 70 % @ 90.0	5	07	Based on % Lead				
		Copper (			Variation from % Lead				
		Lead (	1	91	Labor				
		Zinc	5	01	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Base	3	95		
Containers					Concentrates				50
Wet Weight	153820								
Moisture 4.0%	6152	Total Metal Value	15	42					
Dry Weight	147668	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 73.834 Dry Tons @ 11 97 Per Ton 883 79

		DEDUCTIONS
Freight (Value under $8 Per Ton)	76,910 Wet Tons @ $1.40 Per Ton	107.67
Surcharge 15%		
Federal Tax 3%		3 23
Handling Charge		
Assay Charge		7 00
Umpire Charge		
Watching Charge		4 00
Sampling Charge		
Hauling	Wet Tons @ Per Ton	
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3% of $761.89 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 Dew Customhouse, Denver 2, Colorado		26 67

Total Deductions 148 97

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 735 22

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Rec'd
FEB 14 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, February 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 225 GPU Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midwle Received 1-31-55 Sampled 2-4-55 Assayed 2-5-55

Metal Quotations—Gold 34.9126 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.04	7.2	-	8.7			8.8				.30	.21
B & D	.025	7.5	.20	9.2			9.5				.30	.20
D & R Umpire				9.1			9.0					
Less Non-Sulphide				.3			.21				.30	.21
Settlement	.0325	7.35	.10	8.8	34.2	6.7	8.79	10.1	9.2			

CAR NOS.	NET WEIGHT
RG 46596	102240
RG 71738	182360
RG 71220	140000
RG 73607	114280
RG 73078	166140
Total Weight	
Containers	
Wet Weight	705020
Moisture 2.7%	19036
Dry Weight	685984

METAL VALUES		
Gold 100 % @ 22.4645		73
Silver 70 % @ 90.0	4	63
Copper (		
Lead (	16	05
Zinc	6	45
Total Metal Value	27	86
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 312.992 Dry Tons @ 24 41 Per Ton 8372 43

				DEDUCTIONS	
Freight (Value under $15 Per Ton)	352.510	Wet Tons @	$1.71 Per Ton	602.79	
Surcharge 15%					
Federal Tax 3%				18	08
Handling Charge					
Assay Charge				7	00
Umpire Charge				4	00
Watching Charge					
Sampling Charge					
Hauling Wet Tons @ Per Ton					
Federal Tax 3%					
Pay Hauling & Tax to:					
Royalty: 5% of $7740.56 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado				387	03
Total Deductions					1018 90
Amount Withheld Pending Receipt of Silver Affidavit					
Net Payment					7353 53

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd
FEB 14 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, February 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 125 GMS-DMA-Prof Product Crude Mine Chief No. 3 Gold License No.

Sampled by Midvale Received 2-2-55 Sampled 2-7-55 Assayed 2-8-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.30	-	6.1			7.5				.23	.18
B & D	.035	6.70	.20	6.4			7.8				.20	.10
Umpire				6.25 av.			7.65 av.					
Less Non-Sulphide				.22			.14				.22	.14
Settlement	.0275	6.50	.10	6.03	45.7	6.2	7.51	8.5	8.2			

CAR NOS.	NET WEIGHT
UP 66702	96640
RO 46259	112060
RG 72411	139060
RG 47238	112520
UP 64079	96340
Total Weight	
Containers	
Wet Weight	556620
Moisture 2.9%	16142
Dry Weight	540478

METAL VALUES		
Gold 100 % @ 22.1643		62
Silver 70 % @ 90.0	4	10
Copper		
Lead	10	54
Zinc	5	41
Total Metal Value	20	67
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 270.239 Dry Tons @ 17 22 Per Ton 4653 52

		DEDUCTIONS	
Freight (Value under $10 Per Ton) 278.310 Wet Tons @ $1.56 Per Ton		434	16
Surcharge 15%			
Federal Tax 3%		13	02
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4199.34 Defense Minerals Exploration Administration c/o E.H. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		209	97
Total Deductions		664	15
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		3989	37

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Date Rec'd
FEB 1 [illegible]
BUREAU
Denver, Colo.

Salt Lake City, Utah, February 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 124 GRUS-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Lidvale Received 1-31-55 Sampled 2-4-55 Assayed 2-5-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.9	-	5.5			7.2				.20	.18
B & B	.018	6.1	.20	5.8			7.8				.20	.20
C & K Umpire				5.65 av.			7.3					
Less Non-Sulphide				.20			.19				.20	.19
Settlement	.019	6.0	.10	5.45	44.6	6.1	7.11	8.8	7.7			

CAR NOS.	NET WEIGHT
UP 62498	105360
UP 64938	88620
UP 62821	100500
UP 60007	96460
UP 65587	108680
Total Weight	
Containers	
Wet Weight	499620
Moisture 3.2%	15988
Dry Weight	483632

METAL VALUES		
Gold 100 % @ 22.4643		43
Silver 70 % @ 90.0	3	78
Copper (		
Lead (	9	44
Zinc	5	10
Total Metal Value	18	75
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 241.816 Dry Tons @ 15 30 Per Ton 3699 78

		DEDUCTIONS	
Freight (Value under $8 Per Ton) 249.810 Wet Tons @ $1.40 Per Ton		349	73
Surcharge 15%			
Federal Tax 3%		10	49
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3328.56 Bureau Minerals Exploration Administration C/O W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2 Colorado		166	43

Total Deductions 537 65

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3162 13

E4

FORM C.O. 77-2 ®

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
FEB 1955

706

Salt Lake City, Utah, February 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

Shipping Point: Burgin, Utah

BUREAU OF MINES
Denver, Colorado

Lot No. 126 CMS-DMA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 2-2-55 Sampled 2-7-55 Assayed 2-8-55

Metal Quotations—Gold 34.0325 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	7.6	–	7.1			6.8				.23	.20
B & D	.025	7.9	.20	7.7			7.2				.30	.10
Union Umpire				7.1			7.0 av					
Less Non-Sulphide				.27			.15				.27	.15
Settlement	.0225	7.75	.10	6.83	44.1	7.0	6.85	6.2	8.1			

CAR NOS.	NET WEIGHT
UP 65356	93640
UP 63180	98120
UP 62711	95180
UP 60739	94060
UP 62547	96460
Total Weight	
Containers	
Wet Weight	478440
Moisture 2.6%	12440
Dry Weight	466000

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	4	59
Copper		
Lead	12	09
Zinc	4	89
Total Metal Value	22	37
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead		
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Base	3 95	
Concession		50
Net Treatment Charge	3 45	

Payment for 233.000 Dry Tons @ 18 92 Per Ton 4408 36

		DEDUCTIONS
Freight (Value under 810 Per Ton) 239.220 Wet Tons @ 81.56 Per Ton		373 10
Surcharge 15%		
Federal Tax 3%		11 20
Handling Charge		
Assay Charge		7 00
Umpire Charge		4 00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4012.98 Defense Minerals Exploration Administration, c/o V.E.King, Executive Officer, DMEA, 224 Rear Customhouse, Denver 2, Colorado		200 65

Total Deductions 596 03

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3812 33

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

DMEA
Oct 1955 d.

Salt Lake City, Utah, February 10, 1955

FEB 18 1955
BUREAU OF MINES
Denver, Colorado

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Feely Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 128 CMB-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midwin Received 2-5-55 Sampled 2-9-55 Assayed 2-10-55

Metal Quotations—Gold 34.0125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.60	-	6.1			7.3				.27	.20
D & D	.035	6.90	.20	6.5			8.2				.25	.10
C & E Umpire				6.2			7.3					
Less Non-Sulphide				.26			.15				.26	.15
Settlement	.0275	6.75	.10	5.94	44.0	5.7	7.15	8.1	8.6			

CAR NOS.	NET WEIGHT
UP 65918	98540
UP 63493	109340
UP 60180	98340
UP 64723	94480
UP 65563	94820
Total Weight	
Containers	
Wet Weight	495520
Moisture 3.5%	17344
Dry Weight	478176

METAL VALUES		
Gold 100 % @ 22.4623		62
Silver 70 % @ 90.0	4	25
Copper		
Lead	10	38
Zinc	5	13
Total Metal Value	20	38
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 239.088 Dry Tons @ 16 93 Per Ton 4047 76

		DEDUCTIONS	
Freight (Value under $10 Per Ton) 247.760 Wet Tons @ $1.56 Per Ton		386.51	
Surcharge 15%			
Federal Tax 3%		11	60
Handling Charge			
Assay Charge		7	00
Umpire Charge		8	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3634.65 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		181	73
Total Deductions			596 84
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			3452 92

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
FEB 18 1955
BUREAU OF MINES
Denver, Colorado

706

Salt Lake City, Utah, February 16, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 127 CPUE-HPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 2-3-55 Sampled 2-6-55 Assayed 2-9-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	7.4	-	6.5			7.0				.20	.18
D & D	.025	7.7	.20	7.0			7.4				.20	.10
D & N Umpire				6.7			7.2 av.					
Less Non-Sulphide				.2			.14				.20	.14
Settlement	.0225	7.55	.10	6.5	40.10	6.0	7.06	8.1	8.6			

CAR NOS.	NET WEIGHT
RG 71312	142660
UP 64870	103280
UP 63865	99940
UP 64104	91660
UP 63785	100180
Total Weight	
Containers	
Wet Weight	537720
Moisture 2.4%	12906
Dry Weight	524814

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	4	76
Copper (		
Lead (	11	43
Zinc	5	06
Total Metal Value	21	76
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentration				50
Net Treatment Charge	3	45		

Payment for 262.407 Dry Tons @ 16 31 Per Ton 4804 67

DEDUCTIONS		
Freight (Value under $10 Per Ton) 268.860 Wet Tons @ $1.56 Per Ton	419	42
Surcharge 15%		
Federal Tax 3%	12	58
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $4361.67 Informal Mineral Exploration Administration, c/o V.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	218	08
Total Deductions	661	08
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	4143	59

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FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA Date Rec'd FEB 21 1955 BUREAU OF MINES Denver, Colorado

706

Salt Lake City, Utah, February 17, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Marsh, Utah

Lot No. 230 CPM.I Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midwin Received 2-7-55 Sampled 2-10-55 Assayed 2-11-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.10	-	4.7			7.2				.27	.20
D & E	.025	4.50	.20	5.4			7.6				.35	.20
C & N Umpire				4.6			7.4 av.					
Less Non-Sulphide				.31			.2				.31	.20
Settlement	.0225	4.30	.10	4.39	32.5	4.5	7.2	3.5	10.0			

CAR NOS.	NET WEIGHT
BC 73229	
Total Weight	
Containers	
Wet Weight	120260
Moisture 2.9 %	3488
Dry Weight	116772

METAL VALUES		
Gold 100 % @ 22.1640		51
Silver 70 % @ 90.0	2	71
Copper		
Lead	7	00
Zinc	5	17
Total Metal Value	15	39
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Paso	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 58.386 Dry Tons @ 11 94 Per Ton 697 25

		DEDUCTIONS	
Freight (Value under $6.50 Per Ton)	60.140 Wet Tons @ $1.17 Per Ton	70	36
Surcharge 15%			
Federal Tax 3%		2	11
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 4% of $613.78 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 Kar Customhouse, Denver 2, Colorado		24	55

Total Deductions 106 02

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 589 23

EC

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Date Rec'd

Salt Lake City, Utah, February 17, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooele Building, Salt Lake City, Utah

Shipping Point: Tooele, Utah

BUREAU OF MINES
Denver, Colorado

Lot No. 228 CPB Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midwin Received 2-7-55 Sampled 2-10-55 Assayed 2-11-55

Metal Quotations—Gold 34.0125 Silver 90.0 Copper, N. Y. Lead, N. Y. 13.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.20	[illegible]	8.9			10.3				.37	.20
D & D	.025	6.50	.20	9.7			10.6				.20	.20
Hardwell Umpire				9.4			10.45 av.					
Less Non-Sulphide				.29			.20				.29	.20
Settlement	.0275	6.30	.10	9.21	31.2	4.9	10.25	9.7	10.5			

CAR NOS.	NET WEIGHT
BC 72102	159500
BC 65445	125220
BC 47199	104240
BC 73006	152520
BC 72106	147620
Total Weight	
Containers	
Wet Weight	689500
Moisture 3.%	24126
Dry Weight	665374

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	97
Copper		
Lead	16	70
Zinc	7	67
Total Metal Value	28	85
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Base		3	95		
Concession					50
Net Treatment Charge		3	45		

Payment for 332.567 Dry Tons @ 25 40 Per Ton 8447 71

		DEDUCTIONS	
Freight (Value under $15 Per Ton)	344.650 Wet Tons @ 1.71 Per Ton	589	35
Surcharge 15%			
Federal Tax 3%		17	68
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling	Wet Tons @ Per Ton		
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $7633.68 Defense Minerals Exploration Administration c/o W.R.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		391	68
Total Deductions		1005	71
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		7442	00

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FORM C.O. 77.2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
Date Rec'd.
FEB 21 1955
BUREAU OF MINES
Denver, Colorado

Salt Lake City, Utah, February 17, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 129 CMS-MPR-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Minerals Received 2-4-55 Sampled 2-10-55 Assayed 2-11-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.7	-	8.2			9.1				.43	.20
B & T	.025	7.1	.20	8.8			9.6				.20	.10
Union Umpire				8.4			9.35 av.					
Less Non-Sulphide				.22			.15				.32	.15
Settlement	.0225	6.9	.10	8.08	45.2	6.1	9.20	9.7	6.5			

CAR NOS.	NET WEIGHT
UP 66110	108180
UP 65894	106480
UP 66727	105560
UP62323	88000
UP 66012	51020
Total Weight	
Containers	
Wet Weight	459240
Moisture 2.8 %	13078
Dry Weight	485262

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	4	35
Copper - (		
Lead (	14	59
Zinc	6	78
Total Metal Value	26	23
Less Treatment Charge	3	43

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead		
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Base	3 95	
Concentration		50
Net Treatment Charge	3 45	

Payment for 242.631 Dry Tons @ 22 78 Per Ton 5527 13

DEDUCTIONS	
Freight (Value under $35 Per Ton) 249.620 Wet Tons @ 1.71 Per Ton	426 85
Surcharge 15%	
Federal Tax 3%	12 81
Handling Charge	
Assay Charge	7 00
Umpire Charge	4 00
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $5076.47 Defense Minerals Exploration Administration, c/o U.R.Ring, Executive Officer, DMEA, 274 Post Customhouse, Denver 2, Colorado	253 82

Total Deductions 704 18

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4822 65

Ef

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
FEB 11 1955

224 New Customhouse
Denver 2, Colorado

February 8, 1955

Gerald
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company
Docket DMA 1 & 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks Nos. 2700, 2738, and 2816, in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
2700	112-GPUS-DMPA	$164.72	
	113-GPUS-DMPA	205.41	
	114-GPUS-DMPA	138.42	
	226-GPU-L	51.18	$559.73
2738	115-GPUS-DMPA	$168.34	
	116-GPUS-DMPA	186.75	
	117-GPUS-DMPA	166.47	
	223-GPU	451.73	$973.29
2816	119-GPUS-DMPA	$164.28	
	120-GPUS-DMPA	210.46	$374.74

W. M. TRAVER

W. M. Traver

Enclosures

ld

Copy to: Dec. Opr. Comm. (2) w/settlement sheets
O. R. Wilson w/settlement sheets
Royalty File E4
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 28, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah

Shipping Point:

Lot No. 226-CPL-1 Product Crude Mine Chief No. 1 Gold License No.

Sampled by Miranda Received 1-15-55 Sampled 1-20-55 Assayed 1-21-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	5.10	-	5.6			7.4				.30	.21
B & D	.025	5.20	.20	6.1			7.8				.70	.10
Bardwell Umpire				5.9			7.6 ov.				.35	
Less Non-Sulphide				.35			.16				.35	.16
Settlement	.0275	5.15	.10	5.55	31.0	10.9	7.44	8.0	12.5			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
RO 73644		Gold 100 % @22.6643		62					
		Silver 70 % @ 90.0	3	26	Based on % Lead				
		Copper			Variation from % Lead				
		Lead	9	66	Labor				
		Zinc	5	36	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Base	3	95		
Containers					Concentration				50
Wet Weight	152980								
Moisture 3.0%	4590	Total Metal Value	18	88					
Dry Weight	148390	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 74.195 Dry Tons @ 15 43 Per Ton 1144 83

		DEDUCTIONS	
Freight (Value under Per Ton)	76.490 Wet Tons @ $1.40 Per Ton	107	09
Surcharge 15%			
Federal Tax 3%		3	21
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $1023.53 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		51	18

Total Deductions 172 48

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 972 35

E4

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 28, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 114-CMS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Pizonla Received 1-15-55 Sampled 1-20-55 Assayed 1-21-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.8	-	5.4			6.3				.30	.20
B & D	.02	5.1	.20	6.0			6.4				.30	.10
Union Umpire				5.7			6.35 av.					
Less Non-Sulphide				.3			.15				.30	.15
Settlement	.02	4.95	.10	5.4	47.9	5.3	6.20	7.2	8.2			

CAR NOS.	NET WEIGHT
UP 65758	80560
UP 63313	94280
UP 63251	86420
UP 65196	96100
UP 64710	93740
Total Weight	
Containers	
Wet Weight	451080
Moisture 2.6%	11728
Dry Weight	439352

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.0	3	12
Copper		
Lead	9	37
Zinc	4	39
Total Metal Value	17	33
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base Concentration	3	95		
				50
Net Treatment Charge	3	45		

Payment for 219.676 Dry Tons @ 13 88 Per Ton 3049 10

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 235.540 Wet Tons @ $1.17 Per Ton	263	88
Surcharge 15%		
Federal Tax 3%	7	92
Handling Charge		
Assay Charge	7	00
Umpire Charge	2	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $2768.30 Defense Minerals Exploration Administration c/o W.H. King, Executive Officer, DMEA, 224 Rev Customhouse, Denver 2, Colorado	138	42
Total Deductions	419	22
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	2629	88

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 28, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Keely Building, Salt Lake City, Utah

Shipping Point: Tintic, Utah

Lot No. 113-CPC-DPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Bidwell Received 1-13-55 Sampled 1-19-55 Assayed 1-20-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.8	-	5.6			6.0				.33	.20
B & D	.018	4.8	.20	6.5			8.4				.25	.10
D & N Umpire				6.2			8.2 cv.					
Less Non-Sulphide				.29			.15				.29	.15
Settlement	.0165	4.8	.10	5.91	47.3	5.1	8.05	7.6	8.1			

CAR NOS.	NET WEIGHT
UP 64185	100520
UP 65764	94120
UP 60111	91920
RG 73237	141940
RO 71132	149760
Total Weight	
Containers	
Wet Weight	578260
Moisture 2.7%	15614
Dry Weight	562646

METAL VALUES		
Gold 100 % @ 22.4643		37
Silver 70 % @ 90.0	3	02
Copper		
Lead	10	33
Zinc	5	86
Total Metal Value	19	56
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT	CREDIT
Based on % Lead		
Variation from % Lead		
Labor		
Insoluble		
Zinc, excess over %		
Sul., excess over %		
As., excess over %		
Iron		
Lime		
Bone	3 95	
Concession		50
Net Treatment Charge	3 45	

Payment for 281.323 Dry Tons @ 16 11 Per Ton 4532 11

DEDUCTIONS	
Freight (Value under $8 Per Ton) 289.130 Wet Tons @ $1.40 Per Ton	404 78
Surcharge 15%	
Federal Tax 3%	12 14
Handling Charge	
Assay Charge	7 00
Umpire Charge	
Watching Charge	
Sampling Charge	
Hauling Wet Tons @ Per Ton	
Federal Tax 3%	
Pay Hauling & Tax to:	
Royalty: 5% of $4108.19 Defense Minerals Exploration, Administration, c/o M.E.King, Executive Officer, DMEA, 224 New Customhouse Denver 2, Colorado	205 41

Total Deductions 629 33

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3902 78

FORM C.P. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 28, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah
Shipping Point: Eureka, Utah

Lot No. 112-SPRS-DRY-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Mixple Received 1-15-55 Sampled 1-19-55 Assayed 1-20-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	6.1	-	6.5			7.1				.30	.20
D & D	.018	6.3	.20	7.0			7.3				.30	.10
C & H Umpire				6.5			7.2 av.					
Less Non-Sulphide				.3			.15				.30	.15
Settlement	.0165	6.2	.10	6.2	53.2	5.9	7.05	7.9	6.0			

CAR NOS.	NET WEIGHT
UP 65468	*71340
UP 63159	86420
UP 62232	92600
UP 65973	100060
UP 63053	95260
*80,000# Minimum Weight to be used for hauling purposes is 454720	
Total Weight	
Containers	
Wet Weight	446060
Moisture 2.5%	12490
Dry Weight	433570

METAL VALUES		
Gold 100 % @ 22.4643		37
Silver 70 % @ 90.0	3	51
Copper		
Lead	10	86
Zinc	5	05
Total Metal Value	20	21
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentration				50
Net Treatment Charge	3	45		

Payment for 216.785 Dry Tons @ 16 76 Per Ton 3633 32

			DEDUCTIONS	
Freight (Value under $8 Per Ton)	227.360	Wet Tons @ $1.40 Per Ton	318	30
Surcharge 15%				
Federal Tax 3%			9	55
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3294.47 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			164	72

Total Deductions 503 57

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3129 75

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RECEIVED
FEB 11 1955
Lander Liberals Council

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 31, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 223 GPB Product Crude Mine Chief No. 1 Gold License No.

Sampled by Miranda Received 1-19-55 Sampled 1-24-55 Assayed 1-25-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.04	8.30	-	10.9			9.4				.27	.21
B & D	.035	9.00	.20	11.5			10.0				.30	.20
Barnell Umpire		8.36		11.2			9.8					
Less Non-Sulphide				.29			.21				.29	.21
Settlement	.0375	8.36	.10	10.91	34.2	7.3	9.59	12.0	7.4			

CAR NOS.	NET WEIGHT
RG 46731	117720
RG 71615	150640
UP 63119	113260
RG 72271	167360
UP 66485	107620
Total Weight	
Containers	
Wet Weight	656500
Moisture 2.9%	19038
Dry Weight	637462

METAL VALUES		
Gold 100 % @ 22.4643		84
Silver 70 % @ 90.0	5	27
Copper (		
Lead (	20	42
Zinc	7	12
Total Metal Value	33	65
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentration				50
Net Treatment Charge	3	45		

Payment for 318.731 Dry Tons @ 30 20 Per Ton 9625 68

			DEDUCTIONS	
Freight (Value under $15 Per Ton)	328.250	Wet Tons @ $1.71 Per Ton	561	31
Surcharge 15%				
Federal Tax 3%			16	84
Handling Charge				
Assay Charge			7	00
Umpire Charge			6	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $9034.53 Defense Minerals Exploration Administration, c/o H.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			451	73

Total Deductions 1042 88

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 8582 80

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 31, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Jarvis, Utah

Lot No. 117 OFTB-UMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Nicola Received 1-17-55 Sampled 1-24-55 Assayed 1-25-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	4.7	-	6.0			8.1				.40	.20
B & D	.016	5.1	.20	6.5			8.7				.25	.25
Umpire				6.2			8.7					
Less Non-Sulphide				.33			.23				.33	.23
Settlement	.0165	4.9	.10	5.87	52.1	4.8	8.47	7.8	6.0			

CAR NOS.	NET WEIGHT
UP 61024	92020
UP 62712	88960
UP 63274	94020
UP 63202	95100
UP 63150	91660
Total Weight	
Containers	
Wet Weight	463760
Moisture 3.%	15700
Dry Weight	446060

METAL VALUES		
Gold 100 % @ 22.4643		37
Silver 70 % @ 90.0	3	09
Copper (		
Lead (	10	27
Zinc	6	19
Total Metal Value	19	92
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Base		3	95		
Concession					50
Net Treatment Charge		3	45		

Payment for 223.030 Dry Tons @ 16 47 Per Ton 3673 30

DEDUCTIONS		
Freight (Value under $8 Per Ton) 230.030 Wet Tons @ $1.40 Per Ton	323	23
Surcharge 15%		
Federal Tax 3%	9	70
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3329.37 Defense Minerals Exploration Administration c/o U.E.King, Executive Officer, UMPA. 224 New Customhouse, Denver 2, Colorado	166	47
Total Deductions	510	40
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3162	90

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FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 31, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 602 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 116 CFBS-TTPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Miavale Received 1-19-55 Sampled 1-24-55 Assayed 1-25-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	5.10	-	6.6			8.3				.30	.20
B & D	.025	5.50	.20	7.4			8.7				.40	.10
C & B Umpire				6.75			8.5 av.					
Less Non-Sulphide				.35			.15				.35	.15
Settlement	.020	5.30	.10	6.40	49.6	4.7	8.35	8.0	7.1			

CAR NOS.	NET WEIGHT
UP 62067	96800
UP 65037	90340
UP 64217	95680
UP 66126	100680
UP 64682	95880
Total Weight	
Containers	
Wet Weight	478780
Moisture 3.5 %	16758
Dry Weight	462022

METAL VALUES		
Gold 100 % @22.1643		45
Silver 70 % @90.0	3	34
Copper		
Lead	11	28
Zinc	6	09
Total Metal Value	21	16
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 231.011 Dry Tons @ 17 71 Per Ton 4091 20

		DEDUCTIONS	
Freight (Value under $8 Per Ton) 239.390 Wet Tons @ $1.40 Per Ton		335	15
Surcharge 15%			
Federal Tax 3%		10	05
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3735.00 Defense Minerals Exploration Administration, c/o U.H.Ring, Executive Officer, TTPA, 224 New Customhouse, Denver 2, Colorado		186	75

Total Deductions 542 95

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3548 25

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 31, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 115-CFIE-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Mavalo Received 1-18-55 Sampled 1-21-55 Assayed 1-22-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.8	–	6.1			7.3				.50	.20
B & D	.025	5.1	.20	6.7			7.6				.35	.10
D & H Umpire				6.6			7.45 av.					
Less Non-Sulphide				.43			.35				.43	.35
Settlement	.025	4.95	.10	6.17	46.4	4.9	7.30	7.4	8.2			

CAR NOS.	NET WEIGHT
UP 63250	98060
UP 66291	86140
UP 64887	89840
UP 63146	99340
UP 64301	94960
Total Weight	
Containers	
Wet Weight	468340
Moisture 3.0%	14050
Dry Weight	454290

METAL VALUES		
Gold 100 % @ 22.4663		56
Silver 70 % @ 90.0	3	32
Copper (		
Lead (	10	86
Zinc	5	25
Total Metal Value	19	79
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentrate				50
Net Treatment Charge	3	45		

Payment for 227.145 Dry Tons @ 16 34 Per Ton 3711 55

DEDUCTIONS		
Freight (Value under $8 Per Ton) 294.170 Wet Tons @ $1.10 Per Ton	327	84
Surcharge 15%		
Federal Tax 3%	9	84
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3366.87 Defense Minerals Exploration Administration, c/o F.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	168	34
Total Deductions	513	02
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3198	53

E4

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA FEB 7 1955

706

Salt Lake City, Utah, February 4, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 119 CPMC-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Vicente Received 1-24-55 Sampled 1-27-55 Assayed 1-28-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 12.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	6.1	-	6.2			7.1				.37	.20
B & D	.018	6.3	.20	6.7			7.5				.45	.10
Bardwell Umpire				6.2			7.3 av.					
Less Non-Sulphide				.41			.15				.41	.15
Settlement	.0165	6.2	.10	5.79	50.4	5.9	7.15	7.9	6.9			

CAR NOS.	NET WEIGHT
UP 63988	97440
UP 65296	89220
UP 62756	97940
UP 62504	84000
UP 63298	99180
Total Weight	
Containers	
Wet Weight	467780
Moisture 3.5%	16372
Dry Weight	451408

METAL VALUES		
Gold 100 % @ 22.1643		37
Silver 70 % @ 90.0	3	91
Copper (		
Lead (	10	34
Zinc	5	13
Total Metal Value	19	55
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 225.704 Dry Tons @ 16 10 Per Ton 3633 83

DEDUCTIONS		
Freight (Value under $8 Per Ton) 233.890 Wet Tons @ $1.40 Per Ton	327	45
Surcharge 15%		
Federal Tax 3%	9	82
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3285.56 Defense Minerals Exploration Administration, c/o V.E.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	164	28
Total Deductions	512	55
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3121	28

E4

FEB 11 1983

FORM C.O. 77-2 S

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

DMEA
FEB 7 1955

706

Salt Lake City, Utah, February 4, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 126 GTS-LTS-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Miwale Received 1-26-55 Sampled 1-28-55 Assayed 1-31-55

Metal Quotations—Gold 36.5125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	6.8	-	7.0			8.2				.70	.20
B & D	.03	6.9	.20	7.8			8.2				.40	.15
D & Empire				7.5			8.2 av.					
Less Non-Sulphide				.55			.18				.55	.18
Settlement	.03	6.85	.10	6.95	48.9	6.4	8.02	8.4	6.1			

CAR NOS.	NET WEIGHT
UP 62870	89260
UP 60063	116920
UP 63161	88460
UP 63122	83460
UP 66644	100480
Total Weight	
Containers	
Wet Weight	478580
Moisture 2.7 %	12922
Dry Weight	465658

METAL VALUES		
Gold 100 % @ 22.6613		67
Silver 70 % @ 90.0	4	32
Copper		
Lead	12	40
Zinc	5	82
Total Metal Value	23	21
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentrates				50
Net Treatment Charge	3	45		

Payment for 232.829 Dry Tons @ 19 76 Per Ton 4600 70

			DEDUCTIONS	
Freight (Value under $30 Per Ton)	239.290	Wet Tons @ $1.56 Per Ton	373	29
Surcharge 15%				
Federal Tax 3%			11	20
Handling Charge				
Assay Charge			7	80
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $4209.21 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer, DMEA, 224 Tow Customhouse, Denver 2, Colorado			210	46
Total Deductions				601 95
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment				3998 75

E4

DEPARTMENT OF THE INTERIOR
Bureau of Mineral Administration
RECEIVED
FEB 11 1956

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 31 1955

224 New Customhouse
Denver 2, Colorado

January 27, 1955

Gravell
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payments - Chief Consolidated Mining Company
Docket DMA 1 & 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks Nos. 2553, 2615, and 2632 in payment of royalties due on these shipments as follows:

Check Number	Lot Number	Amount	Total
2553	108 GPUS-DMPA	$189.35	
"	109 GPUS-DMPA	214.13	
"	110 GPUS-DMPA	199.43	
"	221 GPU	135.68	
"	222 GPU-L	37.96	$776.55
2615	224 GPU-L	28.08	$28.08
2632	111 GPUS-DMPA	195.57	$195.57

W. M. TRAVER

W. M. Traver

Enclosures

ld

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
Wilson w/settlement sheets
Royalty File E4
Chron

FORM C.O. 77-2-8

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 17, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 222 GPU-L Product Crude Mine Chief No. 1 Gold License No.

Sampled by Hilevale Received 1-3-55 Sampled 1-7-55 Assayed 1-8-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.60	-	4.3			7.4				1.0	.53
D & D	.020	4.90	.20	5.7			8.0				1.0	.30
D & D Umpire				4.7			7.8					
Less Non-Sulphide				1.0			.42				1.0	.42
Settlement	.0225	4.75	.10	3.7	40.6	5.6	7.38	7.6	9.9			

CAR NOS.	NET WEIGHT
UP 62436	111340
UP 63131	110920
Total Weight	
Containers	
Wet Weight	222260
Moisture 2.6%	5778
Dry Weight	216482

METAL VALUES			
Gold 100 % @ 22.4643			51
Silver 70 % @ 90.0		2	99
Copper	(		
Lead	(	5	98
Zinc		5	33
Total Metal Value		14	81
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Base		3	95		
Concentration					50
Net Treatment Charge		3	45		

Payment for 108.241 Dry Tons @ 11 36 Per Ton 1229 62

DEDUCTIONS		
Freight (Value under $6.50 Per Ton) 111.130 Wet Tons @ $1.17 Per Ton	130	02
Surcharge 15%		
Federal Tax 3%	3	90
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 3½% of $1084.70 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	37	96

Total Deductions 182 88

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 1046 74

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 17, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Looly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 221 GPU Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midwalo Received 1-7-55 Sampled 1-10-55 Assayed 1-11-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U.S.S.R.&M. Co.	.025	6.5	-	8.90			9.20				.70	.30
B & D	.018	6.7	.20	9.50			9.60				.85	.15
D & N Umpire				9.40			9.40 av.					
Less Non-Sulphide				.78			.23				.78	.23
Settlement	.0215	6.6	.10	8.62	41.6	6.0	9.17	10.0	6.9			

CAR NOS.	NET WEIGHT
BG 46259	124400
BG 46774	133520
Total Weight	
Containers	
Wet Weight	257920
Moisture 4.0%	10316
Dry Weight	247604

METAL VALUES		
Gold 100 % @ 22.4643		48
Silver 70 % @ 90.0	4	16
Copper		
Lead	15	85
Zinc	6	77
Total Metal Value	27	26
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concentration				50
Net Treatment Charge	3	45		

Payment for 123.802 Dry Tons @ 23 81 Per Ton 2947 73

		DEDUCTIONS	
Freight (Value under $15 Per Ton)	128.960 Wet Tons @ $1.71 Per Ton	220.52	
Surcharge 15%			
Federal Tax 3%		6	62
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $2713.59 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		135	68

Total Deductions 369 82

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 2577 91

FORM C.O. 27-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 17, 1955

Purchased From Chief Consolidated Mining Company,

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 110-CPIS-D-PA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 1-5-55 Sampled 1-8-55 Assayed 1-10-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.022	5.7	-	6.4			9.3				.93	.20
B & D	.020	6.3	.20	7.7			10.0				.40	.15
C & N Umpire		5.93		6.60			9.6				.55	
Less Non-Sulphide				.55			.18				.55	.18
Settlement	.021	5.93	.10	6.05	45.0	5.9	9.42	7.8	6.7			

CAR NOS.	NET WEIGHT
UP 66056	95600
UP 64937	101780
UP 65714	95800
UP 65819	100180
UP 64352	101820
Total Weight	
Containers	
Wet Weight	495180
Moisture 3.3	16340
Dry Weight	478840

METAL VALUES		
Gold 100 % @22.4643		47
Silver 70 % @ 90.0	3	74
Copper		
Lead	10	67
Zinc	6	97
Total Metal Value	21	85
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 239.420 Dry Tons @ 18 40 Per Ton 4405 33

DEDUCTIONS		
Freight (Value under $10 Per Ton) 247.590 Wet Tons @ $1.56 Per Ton	386	24
Surcharge 15%		
Federal Tax 3%	11	59
Handling Charge		
Assay Charge	7	00
Umpire Charge	12	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3988.50 Defense Minerals Exploration Administration c/o D.H.King, Executive Officer, DMEA, 221 New Customhouse, Denver 2, Colorado	199	43

Total Deductions 616 26

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3789 07

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 17, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
Shipping Point: Eureka, Utah

Lot No. 109-CPUC-DMEA-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midvale Received 1-3-55 Sampled 1-7-55 Assayed 1-8-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.4	-	6.8			8.8				.37	.21
B & D	.020	6.7	.20	7.60			9.2				.25	.15
Union Umpire.				7.1			9.0 Av.					
Less Non-Sulphide				.31			.18				.31	.18
Settlement	.0225	6.55	.10	6.79	47.9	5.3	8.82	8.6	6.7			

CAR NOS.	NET WEIGHT
UP 62368	91780
UP 64785	93760
UP 62238	98360
UP 66041	93740
UP 65561	112240
Total Weight	
Containers	
Wet Weight	490080
Moisture 2.8%	13722
Dry Weight	476358

METAL VALUES		
Gold 100 % @ 22.4613		51
Silver 70 % @ 80.0	4	13
Copper		
Lead	12	02
Zinc	6	47
Total Metal Value	23	13
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 238.179 Dry Tons @ 19 68 Per Ton 4687 36

		DEDUCTIONS	
Freight (Value under $10 Per Ton) 245.040 Wet Tons @ $1.56 Per Ton		382	26
Surcharge 15%			
Federal Tax 3%		11	47
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4282.63 Defense Minerals Exploration Administration, c/o .H. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		214	13
Total Deductions		618	86
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		4068	50

FORM C.O. 77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 17, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 106 GPUB-IMPA-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Mizuno Received 1-3-55 Sampled 1-7-55 Assayed 1-8-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.4	-	5.9			9.4				.20	.20
B & D	.02	5.8	.20	6.5			10.0				.25	.15
Bardwell Umpire				6.1			9.3					
Less Non-Sulphide				.23			.18				.23	.18
Settlement	.02	5.6	.10	5.87	48.9	5.2	9.22	8.4	6.3			

CAR NOS.	NET WEIGHT
UP 62267	95880
UP 62272	100180
UP 66371	106620
UP 63290	90220
UP 63760	99720
Total Weight	
Containers	
Wet Weight	492620
Moisture 3.0%	14778
Dry Weight	477842

METAL VALUES			
Gold 100 % @ 22.4643		45	
Silver 70 % @ 90.0	3	53	
Copper			
Lead	10	24	
Zinc	6	80	
Total Metal Value	21	02	
Less Treatment Charge	3	45	

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 238.921 Dry Tons @ 17 57 Per Ton 4197 84

DEDUCTIONS		
Freight (Value under $10 Per Ton) 246.310 Wet Tons @ $1.56 Per Ton	384	24
Surcharge 15%		
Federal Tax 3%	11	53
Handling Charge		
Assay Charge	7	00
Umpire Charge	8	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3787.07 Defense Minerals Exploration Administration, c/o U.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	189	35
Total Deductions	600	12

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3597 72

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 21, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 224 GPU-L Product Crude Mine Chief No. 3 Gold License No.

Sampled by Nevada Received 1-10-55 Sampled 1-13-55 Assayed 1-14-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	4.3	-	4.4			7.0				.27	.20
B & D	.018	4.5	.20	5.2			7.4				.25	.15
C & H Umpire				4.8			7.2 est.					
Less Non-Sulphide				.26			.18				.26	.18
Settlement	.0215	4.4	.10	4.54	32.4	6.1	7.02	8.8	12.7			

CAR NOS.	NET WEIGHT	METAL VALUES			TREATMENT CHARGES	DEBIT		CREDIT	
MO 47364		Gold 100 % @ 22.4643		48					
		Silver 70 % @ 90.0	2	77	Based on % Lead				
		Copper			Variation from % Lead				
		Lead	7	24	Labor				
		Zinc	5	03	Insoluble				
					Zinc, excess over %				
					Sul., excess over %				
					As., excess over %				
					Iron				
					Lime				
Total Weight					Base	3	95		
Containers					Con ancier				50
Wet Weight	133380								
Moisture 1.7%	2268	Total Metal Value	15	52					
Dry Weight	131112	Less Treatment Charge	3	45	Net Treatment Charge	3	45		

Payment for 65.556 Dry Tons @ 12 07 Per Ton 791 26

		DEDUCTIONS	
Freight (Value under Per Ton) 66.690	Wet Tons @ $1.17 Per Ton	78.03	
Surcharge 15%			
Federal Tax 3%		2	34
Handling Charge			
Assay Charge		7	00
Umpire Charge		2	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 4% of $701.89 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		28	08
Total Deductions		117	45
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		673	81

FORM C.O. 7-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 24, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
Shipping Point: Eureka, Utah

Lot No. 111 GTB-11-78-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midvale Received 1-10-55 Sampled 1-10-55 Assayed 1-19-55
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.015	6.10	-	6.4			7.70				.27	.20
B & D	.025	6.50	.20	6.8			8.40				.25	.10
Union Umpire				6.4			8.12					
Less Non-Sulphide				.26			.15				.26	.15
Settlement	.020	6.30	.10	6.14	50.0	5.90	7.97	8.8	6.7			

CAR NOS.	NET WEIGHT
UP 66158	98660
BO 73172	146200
UP 63731	95180
UP 63472	89560
UP 64571	79380
Total Weight	
Containers	
Wet Weight	508980
Moisture 2.8%	14252
Dry Weight	494728

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.0	3	97
Copper		
Lead	10	76
Zinc	5	78
Total Metal Value	20	96
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 247.364 Dry Tons @ 17 51 Per Ton 4331 34

		DEDUCTIONS	
Freight (Value under $10 Per Ton) 254.490 Wet Tons @ $1.56 Per Ton		397	00
Surcharge 15%			
Federal Tax 3%		11	91
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3911.43 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer, DMEA, 226 New Customhouse, Denver 2, Colorado		195	57
Total Deductions			615 48
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment			3715 86

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

224 New Customhouse
Denver 2, Colorado

January 18, 1955

Approved
Betty

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty Payment - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed is settlement sheet covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company, under Lot No. 220-GPU.

Also enclosed is United States Smelting, Refining and Mining Company check No. 2535 in the amount of $444.38 in payment of royalty due on this shipment.

W. M. Traver

W. M. Traver

Enclosures

ld

Copy to: Sec. Opr. Comm. (2) w/settlement sheet
S. R. Wilson w/settlement sheet
Royalty File E4
Chron

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 14, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 602 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 220 GPU Product Crude Mine Chief No. 1 Gold License No.

Sampled by Mizvale Received 1-3-55 Sampled 1-6-55 Assayed 1-7-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.042	7.10	-	10.2			9.5				.27	.20
B & D	.025	7.30	.20	10.7			10.1				.30	.30
Barchell Umpire				10.5			9.8					
Less Non-Sulphide				.29			.25				.29	.25
Settlement	.0335	7.20	.10	10.21	33.5	7.0	9.55	11.2	9.0			

CAR NOS.	NET WEIGHT
RG 70325	177260
RG 72576	157940
UP 64424	110420
RG 72192	124740
RG 46436	126920
Total Weight	
Containers	
Wet Weight	697280
Moisture 2.4%	16734
Dry Weight	680546

METAL VALUES		
Gold 100 % @ 22.4643	75	
Silver 70 % @ 90.0	4	54
Copper		
Lead	19	02
Zinc	7	09
Total Metal Value	31	40
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 340.273 Dry Tons @ 27 95 Per Ton 9510 63

			DEDUCTIONS	
Freight (Value under $15 Per Ton)	348.640	Wet Tons @ $1.71 Per Ton	596	17
Surcharge 15%				
Federal Tax 3%			17	89
Handling Charge				
Assay Charge			7	00
Umpire Charge			2	00
Watching Charge				
Sampling Charge				
Hauling	Wet Tons @	Per Ton		
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $8887.57 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			444	38
Total Deductions			1067	44
Amount Withheld Pending Receipt of Silver Affidavit				
Net Payment			8443	19

UNITED STATES SMELTING REFINING AND MINING COMPANY

P. O. BOX 1380 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah

Purchased from

Pay

Shipping Point

Lot No. | Product | Mine | Sold | Received

Sampled by | Rec'd | Sampled | Assayed

Metal Quotations—Gold | Silver | Copper N.Y. | Lead N.Y. | Zinc

ASSAYS	GOLD PER TON	SILVER PER TON	COPPER	LEAD	INSOLUBLE	IRON	ZINC	SULPHUR	LIME			
U. S. S. R. & M. Co.												
Shipper												
Settlement												

CAR NO.	NET WEIGHT	METAL VALUES		TREATMENT CHARGES		
		Gold		Base		
		Silver		Deduction		
		Copper		Penalty		
		Lead				
		Zinc				

Dry Weight

Moisture

Wet Weight

Containers

Total Weight

Less Treatment Charges

Payment for | Dry Tons | Per Ton

Deductions

Freight

Total Deductions

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment

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

DEPARTMENT OF THE INTERIOR
Defense Minerals Administration
RECEIVED
JAN 19 1955

224 New Customhouse
Denver 2, Colorado

January 17, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region III

Subject: Royalty - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed is settlement sheet covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company, under Lot No. 107 GPUS-DMPA.

Also enclosed is check No. 02500 in the amount of $196.64 from United States Smelting, Refining and Mining Company in payment of royalty on this shipment.

W. M. Traver

W. M. Traver

Enclosure

ld

Copy to: Sec. Opr. Comm. (2) w/settlement sheet
Wilson w/settlement sheet
Royalty File E4
Chron

FORM C.O. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 12, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Pooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 107 CPU-[illegible]Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by [illegible] Received 12-31-54 Sampled 1-5-55 Assayed 1-6-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.7	-	6.9			7.7				.63	.20
B & D	.025	6.1	.20	7.3			8.1				.60	.25
Union Empire				6.8			7.9 av.					
Less Non-Sulphide				.62			.23				.62	.23
Settlement	.0225	5.9	.10	6.28	46.8	4.3	7.67	7.8	8.3			

CAR NOS.	NET WEIGHT
UP 62149	100780
UP 65179	104800
UP 66520	96020
UP 66109	102020
UP 65266	107740
Total Weight	
Containers	
Wet Weight	511360
Moisture 2.4%	12272
Dry Weight	499088

METAL VALUES			
Gold 100 % @	22.1643		51
Silver 70 % @	90.0	3	72
Copper			
Lead		11	12
Zinc		5	55
Total Metal Value		20	90
Less Treatment Charge		3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Pero Concentrator	3	95		
				50
Net Treatment Charge	3	45		

Payment for 249.544 Dry Tons @ 17 45 Per Ton 4354 54

DEDUCTIONS		
Freight (Value under $10 Per Ton) 255.680 Wet Tons @ $1.56 Per Ton	398	86
Surcharge 15%		
Federal Tax 3%	11	97
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3932.71 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 Post Customhouse, Denver 2, Colorado	196	64
Total Deductions	618	47

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3736 07

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

Defense Minerals Administration
RECEIVED
JAN 17 1955

224 New Customhouse
Denver 2, Colorado

January 14, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - Chief Consolidated Mining Company, Docket DMA 1 and 1A, Contract I-DMA-E4 - Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks No. 02392 and No. 02476 in payment of royalties on these shipments as follows:

Check Number	Lot Number	Amount	Total
02392	101-GPUS	$183.33	$183.33
02476	219-GPU	$422.94	
"	106-GPUS	164.81	
"	105-GPUS	185.86	
"	104-GPUS	208.41	
"	103-GPUS	198.14	
"	102-GPUS	173.84	
"	100-GPUS	212.72	$1,566.72

W. H. King

Enclosures

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
Wilson w/settlement sheets
Royalty File E4
Chron

ld

77-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 10, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 100 CMB-DMA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 12-22-54 Sampled 12-30-54 Assayed 12-31-54

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.025	6.4	-	7.6			9.0				1.23	.20
B & D	.025	6.5	.20	8.6			9.2				1.50	.10
C & N Umpire				8.0			9.1 av.					
Less Non-Sulphide				1.37			.15				1.37	.15
Settlement	.025	6.45	.10	6.63	42.1	5.6	8.95	8.0	8.2			

CAR NOS.	NET WEIGHT
UP 66044	102820
UP 64193	97580
UP 60083	91600
UP 62755	101200
UP 62628	93420
Total Weight	
Containers	
Wet Weight	486620
Moisture 3.1%	15086
Dry Weight	471534

METAL VALUES		
Gold 100% @ 22.4613		56
Silver 70 % @ 90.0	4	06
Copper (		
Lead (	12	00
Zinc	6	58
Total Metal Value	23	20
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Fees	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 235.767 Dry Tons @ 19 75 Per Ton 4656 40

		DEDUCTIONS	
Freight (Value under $10 Per Ton)	243.310 Wet Tons @ $1.56 Per Ton	379	56
Surcharge 15%			
Federal Tax 3%		11	39
Handling Charge			
Assay Charge		7	00
Umpire Charge		4	00
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $4254.45 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		212	72

Total Deductions 614 67

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 4041 73

UNITED STATES SMELTING REFINING AND MINING COMPANY
NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 10, 1955

Purchased From Chief Consolidated Mining Company
Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
Shipping Point: Eureka, Utah

Lot No. 102 CPUS-IMPA-Prod Product Crude Mine Chief No. 1 Gold License No.
Sampled by Midwale Received 12-21-54 Sampled 12-29-54 Assayed 12-30-54
Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.1	-	5.7			7.6				.40	.20
B & B	.025	5.3	.20	6.3			7.8				.50	.10
C & U Umpire				5.9			7.7 av.					
Less Non-Sulphide				.45			.15				.45	.15
Settlement	.0225	5.2	.10	5.45	47.4	7.5	7.55	7.4	7.6			

CAR NOS.	NET WEIGHT
UP 64345	105960
UP 63201	97460
UP 65930	102840
UP 66085	109840
UP 65583	103500
Total Weight	
Containers	
Wet Weight	519580
Moisture 2.7%	14028
Dry Weight	505552

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	28
Copper (		
Lead (	9	90
Zinc	5	44
Total Metal Value	18	73
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
	3	45		
Net Treatment Charge				

Payment for 252.776 Dry Tons @ 15 28 Per Ton 3862 42

			DEDUCTIONS	
Freight (Value under $8 Per Ton)	259.790	Wet Tons @ $1.40 Per Ton	363	71
Surcharge 15%				
Federal Tax 3%			10	91
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $3476.80 Defense Minerals Exploration Administration, c/o W. E. King, Executive Officer, IMPA, 224 New Customhouse Denver 2, Colorado			173	84

Total Deductions 559 46

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3302 96

E4

FO[illegible] 77-2

UN[illegible]D STATES SMELTING REFINING [illegible]ND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 10, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 103 CPUR-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 12-21-54 Sampled 12-30-54 Assayed 12-31-54

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	5.5	.08	6.3			9.4				.83	.21
B & D	.025	5.9	.20	6.9			9.5				.70	.15
Bardwell Umpire				6.4			9.45 av.					
Less Non-Sulphide				.77			.18				.77	.18
Settlement	.0275	5.7	.14	5.63	45.5	5.0	9.27	7.4	7.7			

CAR NOS.	NET WEIGHT
UP 63478	107560
UP 62027	100680
UP 63719	103680
UP 63554	102920
UP 65327	103520
Total Weight	
Containers	
Wet Weight	518360
Moisture 3.7%	19180
Dry Weight	499180

METAL VALUES		
Gold 100 % @ 22.4643		62
Silver 70 %. @ 90.0	3	59
Copper		
Lead	9	98
Zinc	6	85
Total Metal Value	21	04
Less Treatment Charge	3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Base		3	95		
Concession					50
Net Treatment Charge		3	45		

Payment for 249.590 Dry Tons @ 17 59 Per Ton 4390 29

DEDUCTIONS		
Freight (Value under $10 Per Ton) 259.180 Wet Tons @ $1.56 Per Ton	404	32
Surcharge 15%		
Federal Tax 3%	12	13
Handling Charge		
Assay Charge	7	00
Umpire Charge	4	00
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3962.84 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	198	14
Total Deductions	625	59
Amount Withheld Pending Receipt of Silver Affidavit		
Net Payment	3764	70

EA

No. 77-2 ®

UNITED STATES SMELTING, REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 10, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 104 GPUS-DMPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Midvale Received 12-24-54 Sampled 12-31-54 Assayed 1-3-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	6.1	-	5.7			9.1				.47	.20
B & D	.02	6.3	.20	6.4			9.3				.40	.10
Union Umpire				6.1			9.2 c/					
Less Non-Sulphide				.44			.15				.44	.15
Settlement	.02	6.2	.10	5.66	39.5	5.0	9.05	8.8	10.0			

CAR NOS.	NET WEIGHT
UP 63145	98900
UP 62643	101780
UP 62771	112060
UP 62128	121300
RG 46753	110960
Total Weight	
Containers	
Wet Weight	545000
Moisture 3.1%	16896
Dry Weight	528104

METAL VALUES		
Gold 100 % @ 22.4643		45
Silver 70 % @ 90.0	3	91
Copper (		
Lead (	9	90
Zinc	6	66
Total Metal Value	20	92
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 264.052 Dry Tons @ 17 47 Per Ton 4612 99

			DEDUCTIONS	
Freight (Value under $10 Per Ton)	272.500	Wet Tons @ $1.50 Per Ton	425.10	
Surcharge 15%				
Federal Tax 3%			12	75
Handling Charge				
Assay Charge			7	00
Umpire Charge				
Watching Charge				
Sampling Charge				
Hauling Wet Tons @	Per Ton			
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $4168.14 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer, DMEA, 224 Customhouse, Denver 2, Colorado			208	41

Total Deductions 653 26

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3959 73

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EA

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980, SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 105 GPUS-DtPb-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Kidwale Received 12-27-54 Sampled 1-4-55 Assayed 1-5-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.3	-	5.9			7.1				.83	.20
B & D	.025	5.7	.20	6.5			7.4				.55	.10
C & M Umpire				6.6			7.25	av.				
Less Non-Sulphide				.69			.15				.69	.15
Settlement	.0225	5.5	.10	5.81	47.0	4.6	7.10	7.2	9.0			

CAR NOS.	NET WEIGHT
UP 63475	97260
UP 62822	101940
BG 47272	130400
UP 63140	94360
UP 62402	108460
Total Weight	
Containers	
Wet Weight	532420
Moisture 2.7%	14376
Dry Weight	518044

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	47
Copper		
Lead	10	24
Zinc	5	09
Total Metal Value	19	31
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 259.022 Dry Tons @ 15 86 Per Ton 4106 09

		DEDUCTIONS	
Freight (Value under $8 Per Ton)	266.210 Wet Tons @ $1.40 Per Ton	372	69
Surcharge 15%			
Federal Tax 3%		11	16
Handling Charge			
Assay Charge		7	00
Umpire Charge			
Watching Charge			
Sampling Charge			
Hauling Wet Tons @ Per Ton			
Federal Tax 3%			
Pay Hauling & Tax to:			
Royalty: 5% of $3717.22 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado		185	86

Total Deductions 576 73

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3531 36

E4

No. 77-2-9

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

706

Salt Lake City, Utah, January 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Tooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 106 GPMS-DEPA-Prod Product Crude Mine Chief No. 1 Gold License No.

Sampled by Mineral Received 12-29-54 Sampled 1-4-55 Assayed 1-5-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	4.9	-	5.4			7.5				.33	.18
B & D	.025	5.3	.20	5.9			7.7				.30	.10
Bardwell Umpire				5.6			7.6 av.					
Less Non-Sulphide				.32			.14				.32	.14
Settlement	.0225	5.1	.10	5.28	51.0	4.3	7.46	7.2	7.9			

CAR NOS.	NET WEIGHT
UP 62767	102040
UP 66172	110200
UP 63755	100260
UP 65030	92920
UP 60112	101340
Total Weight	
Containers	
Wet Weight	506760
Moisture 2.0%	10136
Dry Weight	496624

METAL VALUES			
Gold	100 % @ 22.4643		51
Silver	70 % @ 90.0	3	21
Copper	(		
Lead	(	9	15
Zinc		5	37
Total Metal Value		18	24
Less Treatment Charge		3	45

TREATMENT CHARGES		DEBIT		CREDIT	
Based on	% Lead				
Variation from	% Lead				
Labor					
Insoluble					
Zinc, excess over	%				
Sul., excess over	%				
As., excess over	%				
Iron					
Lime					
Base		3	95		
Concession					50
Net Treatment Charge		3	45		

Payment for 248.312 Dry Tons @ 14.79 Per Ton 3672 53

				DEDUCTIONS	
Freight (Value under $8 Per Ton)	253.380	Wet Tons @	1.40 Per Ton	354.73	
Surcharge 15%					
Federal Tax 3%				10	64
Handling Charge					
Assay Charge				7	00
Umpire Charge				4	00
Watching Charge					
Sampling Charge					
Hauling	Wet Tons @	Per Ton			
Federal Tax 3%					
Pay Hauling & Tax to:					
Royalty: 5% of $3296.16 Defense Minerals Exploration Administration, c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado				164	81

Total Deductions 541 18

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3131 35

EA

No. 77-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, January 11, 1955

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah

Shipping Point: Eureka, Utah

Lot No. 219 CPU Product Crude Mine Chief No. 1 Gold License No.

Sampled by Hivela Received 12-24-54 Sampled 1-3-55 Assayed 1-4-55

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.03	7.4	-	9.9			10.4				.30	.20
B & D	.025	7.7	.20	10.4			10.8				.25	.10
D & N Umpire				10.1			10.6	av.				
Less Non-Sulphide				.28			.15				.28	.15
Settlement	.0275	7.55	.10	9.82	30.2	5.8	10.45	11.2	10.1			

CAR NOS.	NET WEIGHT
RG 72085	161500
UP 62994	105200
RG 72839	164860
UP 65518	116800
RG 46565	113760
Total Weight	
Containers	
Wet Weight	662120
Moisture 2.2%	14566
Dry Weight	647554

METAL VALUES		
Gold 100 % @ 22.4643		62
Silver 70 % @ 90.0	4	76
Copper (		
Lead (	18	19
Zinc	7	84
Total Metal Value	31	41
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Base	3	95		
Concession				50
Net Treatment Charge	3	45		

Payment for 323.777 Dry Tons @ 27 96 Per Ton 9052 80

			DEDUCTIONS	
Freight (Value under $15 Per Ton)	331.060	Wet Tons @ $1.71 Per Ton	566	11
Surcharge 15%				
Federal Tax 3%			16	98
Handling Charge				
Assay Charge			7	00
Umpire Charge			4	00
Watching Charge				
Sampling Charge				
Hauling Wet Tons @ Per Ton				
Federal Tax 3%				
Pay Hauling & Tax to:				
Royalty: 5% of $8458.71 Defense Minerals Exploration Administration, c/o W. H. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado			422	94

Total Deductions 1017 03

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 8035 77

EA

Form C.O. 77-2 S

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING
P. O. BOX 1980 SALT LAKE CITY 10, UTAH

Salt Lake City, Utah, JANUARY 6, 1955

Purchased From CHIEF CONSOLIDATED MINING COMPANY

Pay CHIEF CONSOLIDATED MINING COMPANY, 608 DOOLY BUILDING, SALT LAKE CITY, UTAH

Shipping Point: EUREKA, UTAH

Lot No. 101-GPUS-LMPA-PROD. Product CRUDE Mine CHIEF NO. 1 Gold License No.

Sampled by MILVALB Received 12-20-54 Sampled 12-28-54 Assayed 12-29-54

Metal Quotations—Gold 34.9125 Silver 90.00 Copper, N. Y. and Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	COPPER %	LEAD %	INSOLUBLE %	IRON %	ZINC %	SULPHUR %	LIME %	%	NON-SULPHIDE LEAD %	NON-SULPHIDE ZINC %
U. S. S. R. & M. Co.	.02	5.7	—	6.3			7.2				.53	.20
B & D	.025	6.0	.20	6.4			7.0				.55	.15
Umpire				Av. 6.35			Av. 7.1					
Less Non-Sulphide				.54			.18				.54	.18
Settlement	.0225	5.85	.10	5.81	43.6	6.8	6.92	6.8	9.0			

CAR NOS.	NET WEIGHT
UP 64133	101100
UP 62855	95000
UP 62577	99160
UP 63782	107780
UP 66285	122460
Total Weight	
Containers	
Wet Weight	525500
Moisture 3.0 %	15766
Dry Weight	509734

METAL VALUES		
Gold 100 % @ 22.4643		51
Silver 70 % @ 90.0	3	69
Copper (		
Lead (	10	20
Zinc	4	95
Total Metal Value	19	35
Less Treatment Charge	3	45

TREATMENT CHARGES	DEBIT		CREDIT	
Based on % Lead				
Variation from % Lead				
Labor				
Insoluble				
Zinc, excess over %				
Sul., excess over %				
As., excess over %				
Iron				
Lime				
Treatment Base	3	95		
~~Commercial~~ Concession				50
Net Treatment Charge	3	45		

Payment for 254.867 Dry Tons @ 15 90 Per Ton 4052 39

DEDUCTIONS		
Freight (Value under $8.00 Per Ton) 262.750 Wet Tons @ $1.40 Per Ton	367	85
Surcharge 15%		
Federal Tax 3%	11	04
Handling Charge		
Assay Charge	7	00
Umpire Charge		
Watching Charge		
Sampling Charge		
Hauling Wet Tons @ Per Ton		
Federal Tax 3%		
Pay Hauling & Tax to:		
Royalty: 5% of $3666.50	183	33
Defense Minerals Exploration Administration,		
c/o W. H. King, Executive Officer DMEA,		
224 New Customhouse, Denver 2, Colorado		

Total Deductions 569 22

Amount Withheld Pending Receipt of Silver Affidavit

Net Payment 3483 17

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

Defense Minerals Adm.
RECEIVED
JAN 12 1955

224 New Customhouse
Denver 2, Colorado

January 10, 1955

Memorandum

To: T. A. Christensen

From: Executive Officer, DMEA Field Team, Region IV

Subject: Royalty - Chief Consolidated Mining Company, Docket 1 & 1A, Contract I-DMA-E4, Utah

Enclosed are settlement sheets covering ore shipped by Chief Consolidated Mining Company to United States Smelting, Refining and Mining Company.

Also enclosed are United States Smelting, Refining and Mining Company checks No. 02269 in the amount of $238.90 and No. 02298 in the amount of $505.54 in payment of royalties on these shipments as follows:

Check Number	Lot Number	Amount
02269	99-GPUS-DMPA	$238.90
02298	218 GPU-L	$149.63
	217 GPU	355.91
		$505.54

W. H. King

Enclosures

Copy to: Sec. Opr. Comm. (2) w/settlement sheets
Wilson w/settlement sheets
Royalty File E4
Chron

ld

FORM C.O. 72-2

706

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

Salt Lake City, Utah, December 29, 1954

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Deely Building, Salt Lake City, Utah
Eureka, Utah

Ore Crude Lot No. 99-DPMS-DMEA-Prod Gold License No.

Sampled by Hidvale Received 12-15-54 Sampled 12-20-54 Assayed 12-21-54

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT Cu Pb Zn
U. S. S. R. & M. Co.	.02	5.7	-	6.4			8.9			.27 .18
B & D	.025	6.2	.20	7.2			9.2			.25 .15
Union Umpire				6.9			9.05 av.			
Non-Sulphide				.26			.17			.26 .17
Settlement Assay	.0225	5.95	.10	6.64	45.8	8.0	8.88	8.0	6.9	

CAR NOS.	WET WEIGHT
UP 62795	123500
UP 66512	125620
UP 64802	104540
UP 63805	97620
UP 66515	115940
Total Wet Weight	
Sacks	
Net Weight	567220
Less H_2O 3.0 %	17016

METAL VALUE		
Gold 100% @ 22.4643		51
Silver 70 % @ 90.0	3	75
Copper (		
Lead (	11	72
Zinc	6	52
Gross Value	22	50
Less Working Charge	3	45

WORKING CHARGE		
Treatment Base 30% Lead	3	95
Credit Acc't Over 30% Pb.		
Debit Acc't Under 30% Pb.		
Insoluble		
Zinc Charge, excess over 6%		
Sulphur Charge, excess over 2%		
Arsenic Charge, excess over 2%		
Credit a/c concession		50
Total Debit	3	45
Iron Credit		
Net Working Charge		

Dry Weight, lbs. 550204	Payment for 275.102	tons @	19	05	per ton	5240.69
Freight advanced @ $1.56	per ton				442.43	
Federal Tax 3%					13.27	
Assay Charges					7.00	
Sampling or Watching Charges						
Hauling Charges						
Royalty 5% of $4777.99 Defense Minerals Exploration Administration					238.90	701 60
c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado						
Amount Withheld Pending Receipt of Silver Affidavit						
Net Payment						4539 09

E4

FORM C.O. 7-2

UNITED STATES SMELTING REFINING AND MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

706

Salt Lake City, Utah, December 30, 1954

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
SP: Eureka, Utah

Ore Crude Lot No. 218 CHC-L Gold License No.

Sampled by Wade Received 12-17-54 Sampled 12-23-54 Assayed 12-24-54

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT OxPb	PER CENT OxZn
U. S. S. R. & M. Co.	.015	12.0	-	9.8			5.10		3.67	1.18	
B & D	.018	12.6	.20	10.8			5.20		4.10	1.30	
Bardwell Umpire		11.98		10.4			5.15 av.		4.20		
Non-Sulphide				4.1			1.24		4.10	1.24	
Settlement Assay	.0165	12.0	.10	6.3	46.8	7.6	3.91	5.6	7.1		

CAR NOS.	WET WEIGHT
RG 70154	163920
RG 70068	170040
Total Wet Weight	
Sacks	
Net Weight	333960
Less H_2O 3.0 %	10018

METAL VALUE		
Gold 100% @ 22.4643		37
Silver 80 % @ 90.0	8	64
Copper		
Lead	12	08
Zinc	2	72
Gross Value	23	81
Less Working Charge	3	45

WORKING CHARGE		
Treatment Base 30% Lead	3	95
Credit Acc't Over 30% Pb.		
Debit Acc't Under 30% Pb.		
Insoluble		
Zinc Charge, excess over 6%		
Sulphur Charge, excess over 2%		
Arsenic Charge, excess over 2%		
Credit a/c concession		50
Total Debit	3	45
Iron Credit		
Net Working Charge		

Dry Weight, lbs.	323962	Payment for	161.971	tons @	20 36	per ton	3297.73
Freight advanced @	$1.71	per ton				285.54	
Federal Tax 3%						8.57	
Assay Charges						7.00	
~~Sampling or Watching Charges~~ Umpire Charge						4.00	
Hauling Charges							
Royalty 5% of $2992.62 Defense Minerals Exploration Administration c/o H. H. King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado						149.63	454 74
Amount Withheld Pending Receipt of Silver Affidavit							
Net Payment							2842 99

E4

F. O. 762

706

UNITED STATES SMELTING REFINING AND MINING COMPANY
NINTH FLOOR NEWHOUSE BUILDING

Salt Lake City, Utah, December 30, 1954

Purchased From Chief Consolidated Mining Company

Pay Chief Consolidated Mining Company, 608 Dooly Building, Salt Lake City, Utah
P: Eureka, Utah

Ore Crude Lot No. 217 CPU Gold License No.

Sampled by McCvale Received 12-20-54 Sampled 12-23-54 Assayed 12-24-54

Metal Quotations—Gold 34.9125 Silver 90.0 Copper, N. Y. Lead, N. Y. 15.00 Zinc 11.50

ASSAYS	GOLD OZS. PER TON	SILVER OZS. PER TON	PER CENT COPPER WET	PER CENT LEAD	PER CENT INSOLUBLE	PER CENT IRON	PER CENT ZINC	PER CENT SULPHUR	PER CENT LIME	PER CENT OxPbOxZn
U. S. S. R. & M. Co.	.025	6.7	-	9.5			9.0			.20 .21
B & D	.025	7.1	.20	10.0			9.2			.50 .15
D & R Umpire				9.8			9.1 av.			
Non-Sulphide				.35			.18			.35 .18
Settlement Assay	.025	6.9	.10	9.45	27.5	8.0	8.92	10.4	11.2	

CAR NOS.	WET WEIGHT
RG 70618	141620
UP 65502	109240
UP 63094	110780
RG 45104	117660
RG 72884	140920
Total Wet Weight	
Sacks	
Net Weight	620220
Less H_2O 2.8 %	17366

METAL VALUE		
Gold 100% @ 22.4643		56
Silver 70% @ 90.0	4	35
Copper (		
Lead (	17	43
Zinc	6	56
Gross Value	28	90
Less Working Charge	3	45

WORKING CHARGE		
Treatment Base 30% Lead	3	95
Credit Acc't Over 30% Pb.		
Debit Acc't Under 30% Pb.		
Insoluble		
Zinc Charge, excess over 6%		
Sulphur Charge, excess over 2%		
Arsenic Charge, excess over 2%		
Credit s/c concession		50
Total Debit	3	45
Iron Credit		
Net Working Charge		

Dry Weight, lbs. 602854 Payment for 301.427 tons @ 25 45 per ton 7671.32

Freight advanced @ 1.71 per ton	530.29		
Federal Tax 3%	15.91		
Assay Charges	7.00		
Sampling or Watching Charges			
Hauling Charges			
Royalty 5% of $7118.12 Defense Minerals Exploration Administration c/o W.H.King, Executive Officer, DMEA, 224 New Customhouse, Denver 2, Colorado	355.91	909	11
Amount Withheld Pending Receipt of Silver Affidavit			
Net Payment		6762	21

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Department of Defense
Defense Records Administration
Received
JAN 12 1955