

MABEL MINE SERIES	28
ORE SETTLEMENTS	
LOTS 85 - 97	1928

Mabel Mine  
Ore Settlements 1928  
28 Lots 85 - 97

(254)

Item 117

28 of 46

4840 0919

formerly

4840 0117

see also 4840

0117, 0911, 0912, 0913,

0914, 0915, 0916, 0917,

0918, 0920, 0921, 0922,

0923, 0924, 0925, and 0926

165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH.

Dec. 18, 1928

LOT NO. 96 Orig.

SAMPLED BY U. O. S.

2nd Sampling

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
8.35	13.6				
8.45	13.6				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ 3

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE S

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH, Dec. 18, 1928

LOT NO. 96 Dup.

SAMPLED BY U. O. S.

2nd Sampling

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
7.05	13.5				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
Ore plus Metallics, Gold =			7.0550 Ozs.		

CHARGE, \$ 3

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH.

LOT NO. 96 Dup.

SAMPLED BY Dec. 18, 1928

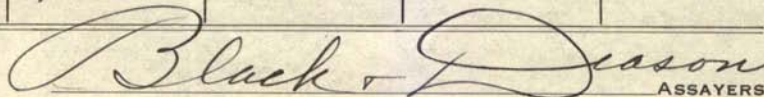
1st Sampling

ASSAY PER TON OF 2,000 POUNDS

U. O. S.

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.56	13.2				
6.63	13.4				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
Ore plus Metallics, Gold =			6.64		

CHARGE, \$ 3


 Black & Deason  
ASSAYERS



165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH, **Dec. 22, 1928**LOT NO. **96 Dup.**SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.79 6.79	13.2 13.1				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ **3***Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE S

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH.

Dec. 18, 1928

LOT NO. 96 Orig.

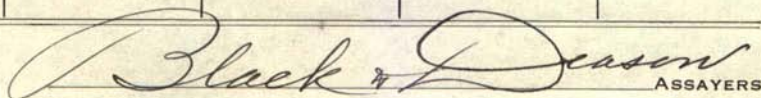
SAMPLED BY U. O. S.

2nd Sampling

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
8.45	13.6				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ 3

  
ASSAYERS

165 SO. WEST TEMPLE S

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**

SALT LAKE CITY, UTAH,

Dec. 18, 1928

LOT NO. **96 Orig.**SAMPLED BY **U. O. S.****1st Sampling**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD— <del>%</del> <b>Wet</b>	COPPER— <del>%</del>	SPEISS— <del>%</del>	SILICA— <del>%</del>
<b>6.71</b>	<b>13.4</b>				
INSOLUBLE— <del>%</del>	ZINC— <del>%</del>	SULPHUR— <del>%</del>	IRON— <del>%</del>	LIME— <del>%</del>	MANGANESE— <del>%</del>

CHARGE, \$

**3***Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH, **Dec. 22, 1928**LOT NO. **96 Orig.**SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>6.74</b>	<b>13.3</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

**3***Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH. Dec. 22, 1928

LOT NO. 96 Orig.

SAMPLED BY Garfield

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.84 6.74	13.0 13.3				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

3

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**

SALT LAKE CITY, UTAH.

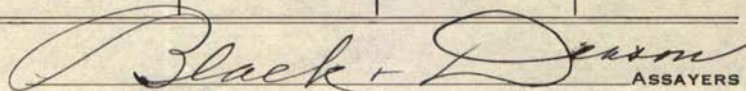
**Dec. 22, 1928**LOT NO. **96 Dup.**

SAMPLED BY

**Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>6.79</b>	<b>13.1</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ **3**  
ASSAYERS

165 SO. WEST TEMPLE S

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH.

Dec. 18, 1928

LOT NO. 96 Orig.

SAMPLED BY U. O. S.

1st Sampling

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.41	13.1	Wet			
6.71	13.4				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

3

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**

SALT LAKE CITY, UTAH.

LOT NO. **96 Dup.**SAMPLED BY **Dec. 18, 1928****1st Sampling**

ASSAY PER TON OF 2,000 POUNDS

**U. O. S.**

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>6.63</b>	<b>13.4</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
<b>Ore plus Metallics, Gold =</b>			<b>6.64</b>		

CHARGE, \$ **3***Black & Deason*  
ASSAYERS



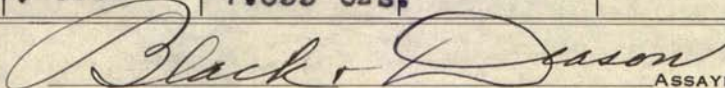
## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH, **Dec. 18, 1928**LOT NO. **96 Dup.**SAMPLED BY **U. O. S.****2nd Sampling**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.93	12.8				
7.05	13.5				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
Ore plus Metallics, Gold =			7.055 Ozs.		

CHARGE, \$

**3**

 ASSAYERS

AMERICAN SMELTING & REFINING CO.

UTAH DEPARTMENT  
SALT LAKE CITY, UTAH

January 5, 1929

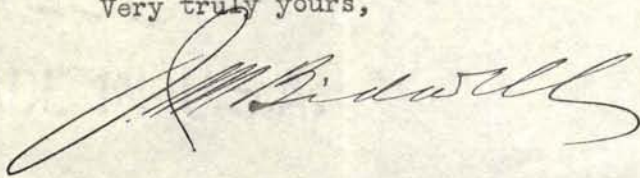
Mr. F. C. Ninnis, Pres.,  
West End Consolidated Mining Co.,  
Tonopah, Nevada

Dear Sir:

We have your letter dated December 31, 1928 and note that your idea is that the three samples of your lot 96 should be considered in making settlement. Viz: the two samples taken by Utah Ore Sampling Company and the Garfield sample averaged.

Mr. O'Connor has been out of the City for a few days and has just returned. He is willing to have settlement made on the basis you suggest and same will be done next Monday as it is too late to get it done today.

Very truly yours,



JMB:VS  
cc RWSenger



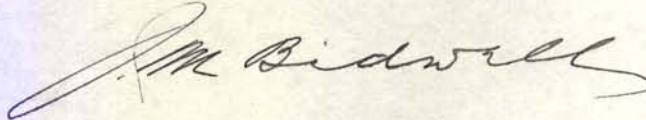
Mr. F.C. Ninnis  
President West End Consolidated Mining Co.

December 29, 1928.

The assays reported on the 12 sacks of Lot 97 at  
Garfield were as follows:

	<u>Gold</u>	<u>Silver</u>
Original	1.88	78.6
Duplicate	1.81	80.3

Very truly yours,



JMB'S



Form

Office Copy

WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

MABEL MINE ORE LOT NO. 97

LEASERS NO. 6

LESSOR: Owen Clark

ASSAY:

Gold	Ozs. at \$20.6718	38.14
Silver	Ozs. at .57125	<u>45.39</u>
Gross Value per ton		83.53
Net Returns from Smelter		35.84
Less Hauling .5445 wet tons @ \$5.00 per ton		<u>2.72</u>
Net Returns		33.12
Less Royalty to West End Cons. Mng. Co. @ 43.41%		<u>14.38</u>
Net Amount Due Leaser		18.74

*Less Industrial Insurance  
advanced by W. E. Co.  
Net Amt due Leaser*

Royalty Rate Computed as follows:

Gross Value per ton	83.53	
Royalty on ore of	<u>25.00</u> per ton	20.00%
Value per ton in excess of 25.00	58.53	
0.4% additional for each \$1.00 value above \$25.00 per ton	<u>.4%</u>	
Additional Royalty	23.41%	<u>23.41%</u>
Total		43.41%

APPROVED *W. E. Budichman*  
Secretary



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Jan. 10, 1928.

BOUGHT OF West End Cons'd. Mnr. Co.

MINE West End

LOT No. 85

SAMPLED BY UOS

CLASS Crude

SHIPPING POINT Mina, Nev.

QUOTATIONS OF 1-4-28

SILVER .575

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	.54	43.9		.30							
B&D	.56	44.2		.25							
UMPIRE											
SETTLEMENT ASSAY	.55	44.05		.27							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
UP	63481		GOLD	@	19.00	10.45	BASE		4.00	
			SILVER, 95%	@	.575	24.06	10% Res. over 20.00 Gr.		1.45	
			LEAD, LESS	90% @						
			COPPER, LESS	@						
						34.51				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT										
WEIGHT OF	SACKS									
WET WEIGHT		88260					IRON	% @		
LESS MOISTURE	2.55 %	2250				5.45	TOTAL DEDUCTIONS		5.45	

DRY WEIGHT 86010 @ \$ 29.06 PER ON \$ 1249.73

FREIGHT ADVANCED @ 1.30 (Mina to Thompson, Nev.) 57.37

ADVANCES

SAMPLING

UMPIRE

WATCHING

ASSAYING

CHECKED

CORRECT

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

1194.36



(Prescribed by the Interstate Commerce Commission)

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at West End Consolidated Mining Co. 192

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to \_\_\_\_\_

Destination Yonkers, N.Y. State of N.Y. County of Westchester

Route 101-212-11136

Car Initial                      Car No.                     

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN
	<p>92 Back Supplied by 10000</p> <p>Value \$40.00 in tax</p> <p>Subject to Smelter Returns</p> <p>Sample in Route Murray</p> <p>Let #56</p>			

If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)

(Signature of consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received \$  
to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per  
(The signature here acknowledges)

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

**NOTE**—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

Shipper.

Per

Per.

Permanent post-office address of shipper

Agent.



January 8, 1928

American Smelting & Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On January 6, 1928, we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 86, in car SP-46636, bill of lading covering shipment is being enclosed herewith.

This ore is to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copy of settlement sheets to the West End Cons. Mining Company, at Tonopah, Nevada.

Yours very truly,

Secretary.

FW



January 8, 1928

Utah Ore Sampling Company,  
914-915 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on January 6th, to the American Smelting and Refining Company at Garfield, in car SP-46636, our Lot No. 86.

This ore is to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt Lake City, who will watch this sampling for us as before.

Yours very truly,

Secretary

FW



January 8, 1928

Black & Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen: :

We shipped on January 6th, to the American Smelting and Refining Company at their Garfield Plant, carload of ore from our Mabel Mine, our Lot No. 86, in car SP-46636.

This ore is to be sampled once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us and handle as heretofore.

Yours very truly,

FW

Secretary.



January 11, 1928

Black and Season,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on January 9th to the American Smelting and Refining Company at their Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore out Lots No. 87, 88 and 89, in car UP-130698.

We are in receipt of a letter from Mr. J. M. Bidwell of the American Smelting and Refining Company, dated December 27th, 1927, in answer to a letter of ours in which we asked regarding placing these three small lots in one car, and he has requested that this car be shipped direct to their Garfield Plant. We assume that this means it will not be sampled by the Utah Ore Sampling Company as formerly.

Will you please watch this sampling for us and handle as heretofore.

Yours very truly,

Secretary.

FW



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Jan. 19, 1928.

BOUGHT OF West End Cons'd. Mng. Co.MINE MabelLOT No. 86SAMPLED BY UOSCLASS CrudeSHIPPING POINT Mina, Nevada.QUOTATIONS OF 1-16-28SILVER .5725

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	.87 ✓	53.6 ✓		.25 ✓							
B&D	.86 ✓	53.9 ✓									
UMPIRE											
SETTLEMENT ASSAY	.865 ✓	53.75 ✓		.25 ✓							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	46636		GOLD	@	19.00	16.44 ✓	BASE		4.00 ✓	
			SILVER, 95%	@	.5725	29.23 ✓	10% Yes. over 20.00 Gr.		2.57 ✓	
			LEAD, LESS	. 90% @						
			COPPER, LESS	@		45.67 ✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT							IRON	% @		
WEIGHT OF	SACKS									
WET WEIGHT		103380 ✓								
LESS MOISTURE	1.1 %	1138 ✓				6.57 ✓	TOTAL DEDUCTIONS		6.57 ✓	
			LESS TOTAL DEDUCTIONS							

DRY WEIGHT 102242 ✓ @ \$ 39.10 PER ON \$ 1998.83 ✓  
51121

FREIGHT ADVANCED @ 1.30 (To Thompson, Nev.) 67.20 ✓

ADVANCES

SAMPLING

CHECKED B

CORRECT

UMPIRE  
Watching  
ASSAYING5.00 75.20  
3.00Rates, except on contracts, subject to change  
without notice.

MEM

NET PROCEEDS

1923.63 ✓

Schmidt + Gash

Jan. 1928. —

Hospital. — ~~2mo to Feb 20~~ \$4<sup>00</sup>

---

Note.

Gash hosp. to be deducted  
from Jan. Payroll

2-6



Voucher No. 145 Mo. Jan. 1928.

For

Lot 85, West End Crude

1184.36

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN







(For use in connection with Uniform Domestic Straight Bill of Lading adopted by Carriers in Official, Southern and Western Classification territories, March 15, 1922.)

# UNIFORM STRAIGHT BILL OF LADING

(Prescribed by the Interstate Commerce Commission)

**THIS MEMORANDUM** is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

## Southern Pacific Company—Pacific Lines

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at Minneapolis Jan 9- 192 7  
from West End Consolidated Mining Co

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to American Smelting & Refining Co

Destination Garfield State of Utah County of \_\_\_\_\_

Route \_\_\_\_\_

Car Initial U.P. Car No. 130698

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN	If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)
<u>27</u>	<u>Sks Ore Lot 87</u>				(Signature of consignor)
<u>62</u>	<u>" " " 88</u>				
	<u>Bulk Ore " 89</u>	<u>10000</u>			
	<u>Value 4000 Jan</u>				If charges are to be prepaid, write or stamp here, "To be Prepaid."
	<u>Subject to Smelter Returns</u>				
					Received \$ _____
					to apply in prepayment of the charges on the property described hereon.
					Agent or Cashier _____
					Per _____
					(The signature here acknowledges only the amount prepaid.)
					Charges advanced: _____
					\$ _____

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per \_\_\_\_\_

Per West End Cons Min Co Shipper.

Per Geo Burnett

Permanent post-office address of shipper \_\_\_\_\_

3

Per Agent Agent.



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Jan. 24, 1928.

BOUGHT OF West End Consol. Mng. Co. MINE Mabel LOT No. 89SAMPLED BY GP CLASS Crude SHIPPING POINT Mina, Nev.QUOTATIONS OF 1-20-28 SILVER .5675 LEAD \_\_\_\_\_ COPPER \_\_\_\_\_

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	1.95 ✓	73.8 ✓		.25							
	1.97 ✓	74.2 ✓									
UMPIRE											
SETTLEMENT ASSAY	1.96 ✓	74.0 ✓		.25							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
UP	130698		GOLD	@	19.00	37.24 ✓	BASE			
			SILVER, 95%	@	.5675	39.90 ✓				
			LEAD, LESS	90% @						
			COPPER, LESS	@		77.14 ✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT							IRON	% @		
WEIGHT OF	SACKS									
WET WEIGHT		80339 ✓								
LESS MOISTURE	4.5 %	3615 ✓								
			LESS TOTAL DEDUCTIONS			8.00 Max.	TOTAL DEDUCTIONS		8.00 ✓	

DRY WEIGHT	76724 ✓					69.14 ✓	PER ON	2652. ✓
	3834 ✓							
			FREIGHT ADVANCED	@	\$ 1.90	(Mina to Thompson, Nev.)	76.32 ✓	
			ADVANCES					
			SAMPLING					
CHECKED			UMPIRE					
CORRECT			watching					5.00 ✓
			ASSAYING					3.00 ✓

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

\$ 2568.03 ✓

Voucher No. 779 Mo. Jan., 1928.

For

Lot 87, Mabel Crude	82.32
88, " "	213.47
89, " "	2568.03
	<hr/>
	2863.82

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the detached draft constitutes a receipt in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Jan. 24, 1928.

BOUGHT OF West End Cons'd. Mng. Co.MINE MabelLOT NO. 87SAMPLED BY GPCLASS CrudeSHIPPING POINT Mina, Nev.QUOTATIONS OF 1-19-28SILVER .565

LEAD

COPPER

## ASSAYS

GOLD  
OZ. PER TONSILVER  
OZ. PER TONLEAD  
PER CENTCOPPER  
PER CENTINSOL.  
PER CENTZINC  
PER CENTSULPHUR  
PER CENTARSENIC  
PER CENTIRON  
PER CENT

A. S. &amp; R. CO.

.98✓82.7✓.5

B&amp;D

.98✓83.2✓

UMPIRE

SETTLEMENT ASSAY

.98✓82.95✓.5

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

UP

130698

GOLD

@

19.0018.62✓

SILVER, 95%

@

.56544.52✓

LEAD, LESS

90% @

COPPER, LESS

@

63.14✓

BASE

INSOLUBLE

% @

ZINC

% @

SULPHUR

% @

DEBIT

IRON

% @

WEIGHT OF LOT

3285✓

WEIGHT OF

27

SACKS

34✓

WET WEIGHT

3251✓LESS MOISTURE 1.3✓

%

43✓

LESS TOTAL DEDUCTIONS

8.00 Max

TOTAL DEDUCTIONS

8.00✓

DRY WEIGHT

3208✓1604

@

55.14✓

PER ON

88.44✓

FREIGHT ADVANCED

@

1.90 (Mina to Thompon, Nev.) 3.12✓

ADVANCES

SAMPLING

UMPIRE

ASSAYING

3.00 6.12✓

CHECKED

CORRECT

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

82.32✓



January 11, 1928

American Smelting & Refining Company,

Salt Lake City, Utah.

Gentlemen:

On January 9th we shipped to your Garfield Plant from our Mabel Mine; Mina, Nevada, carload of ore containing ore lots No. 87, 88, and 89 in car UP-130698, bill of lading covering shipment enclosed herewith.

Conforming with the request contained in your letter of December 27th we are consigning this car direct to your Midvale Plant.

This car contains three lots as noted above as follows:

Lot No. 89, which is bulk ore and piled in bottom of car, Lot No. 87 consisting of 27 sacks piled in one end of car on top of bulk ore; Lot No. 88, consisting of 62 sacks and piled in opposite end of car from No. 87, on top of bulk ore Lot No. 89. Each individual sack is not marked but the lots are marked by placards on the separate piles.

These three lots are of course to be sampled separately and three different settlements made. Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copy of settlement sheets to the West End Cons. Mining Company at Tonopah, Nevada.

Yours very truly,

Secretary.

HDB-FW



Kalamber + Nelson

January - 1928

Bread	.75
Caps -	4.00
Flour	3.75
Powder	20.00
Meat	8.62
Eggs -	1.35
	<hr/>
	38.47

Hospital for 2 men

3 months Doc Jan + Fish  
1 month ~~4 Feb 24~~

to 00

---

\$ 44.47

Make 2 checks for  $\frac{1}{2}$  of settlement each



Voucher No. 148 Mo. Feb., 1928.

For

Lot 90, Mabel Crude

2648.37

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Feb. 9, 1928.

BOUGHT OF West End Cons'd. Mng. Co.

MINE Mabel

LOT No. 90

SAMPLED BY UOS

CLASS Crude

SHIPPING POINT Mina, Nev.

QUOTATIONS OF 2-6-28

SILVER .565

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	1.27 ✓	56.5 ✓		.35							
	1.29 ✓	56.9 ✓									
UMPIRE											
SETTLEMENT ASSAY	1.28 ✓	56.7 ✓		.35							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON	DEDUCTIONS PER TON
RG	41878		GOLD @ 19.00 ✓	24.32 ✓
			SILVER, 95% @ .565 ✓	30.43 ✓
			LEAD, LESS . 90% @	
			COPPER, LESS @	
				54.75 ✓
				BASE 4.00 ✓
				10% Res. over 20.00 Gr. 3.48 ✓
				INSOLUBLE % @
				ZINC % @
				SULPHUR % @
				DEBIT
WEIGHT OF LOT				
WEIGHT OF SACKS				
WET WEIGHT		118120 ✓		
LESS MOISTURE 2.1 %		2480 ✓		
			LESS TOTAL DEDUCTIONS	7.48 ✓
				IRON % @
				TOTAL DEDUCTIONS 7.48 ✓

 DRY WEIGHT 115640 ✓  
 57820

@ \$ 47.27 ✓ PER ON \$ 2732.15

FREIGHT ADVANCED @ 1.30 ✓ (Mina to Thompson, Nev.) 76.78 ✓

ADVANCES

SAMPLING

UMPIRE

ASSAYING

CHECKED B

CORRECT

5.00 ✓ 84.78 ✓  
3.00 ✓

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

2648.37 ✓



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH Jan. 24, 1928.

BOUGHT OF West End Cons'd. Mng. Co.

MINE Mabel

Lot No. 88

SAMPLED BY GP

CLASS Crude

SHIPPING POINT Mina, Nev.

QUOTATIONS OF 1-19-28 SILVER .565

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	1.30	99.7		.2							
	1.31	100.5									
UMPIRE											
SETTLEMENT ASSAY	1.305	100.1		.2							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
UP	130698		GOLD	@	19.00	24.80	BASE			
			SILVER, 95%	@	.565	53.73				
			LEAD, LESS	90% @						
			COPPER, LESS	@		78.53				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
WEIGHT OF LOT		6516					DEBIT			
WEIGHT OF 62 SACKS		73								
WET WEIGHT		6443								
LESS MOISTURE 2.0 %		129					IRON	% @		
			LESS TOTAL DEDUCTIONS			8.00	Max. TOTAL DEDUCTIONS		8.00	

DRY WEIGHT 6314  
 3197  
 @ 1.90 (Mina to Thompson, Nev.) 6.19  
 70.53 PER ON 222.66

FREIGHT ADVANCED

ADVANCES

SAMPLING

UMPIRE

ASSAYING

CHECKED

CORRECT

3.00 9.19

Rates, except on contracts, subject to change  
 without notice.

MEM

NET PROCEEDS

213.47



(Prescribed by the Interstate Commerce Commission)

Agent's No. \_\_\_\_\_

Permanent post-office address of shipper



February 17, 1928

American Smelting and Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On February 16th we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 91, in car SP-91901, bill of lading enclosed herewith.

This ore is to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copies of settlement sheets to the West End Cons. Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary.

FW



February 17, 1928

Black and Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on on February 16th to the  
American Smelting and Refining Company at their  
Garfield Plant, carload of ore from our Mabel Mine,  
our Lot No. 91, in car SP-91901.

This ore is to be sampled once at the plant  
of the Utah Ore Sampling Company and crushed to pass  
one inch mesh.

Will you please watch this sampling for us  
and handle as heretofore.

Yours very truly,

Secretary.

FW



February 17, 1928

Utah Ore Sampling Company, /  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on February 16th to the American Smelting and Refining Company at Garfield in car SP-91901, our Lot No.91.

This ore is to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt Lake City, who will watch this sampling for us as before.

Yours very truly,

Secretary.

FW



January 31, 1928

American Smelting and Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On January 27th we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 90, in car DRG-41878, bill of lading enclosed herewith.

This ore is to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copies of settlement sheets to the West End Cons. Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary.

FW



January 31, 1928

Utah Ore Sampling Company,  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on January 27th to the American Smelting and Refining Company at Garfield in car DRG-41878, our Lot No. 90.

This ore is to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt Lake City, who will watch this sampling for us as before.

Yours very truly,

Secretary.

FW





Form 1553

Standard  
4-27-1,000,000 Sets

(For use in connection

Uniform Domestic Straight Bill of Lading and Western Classification territories, March 15, 1922.)

**UNIFORM STRAIGHT BILL OF LADING**

(Prescribed by the Interstate Commerce Commission)

**THIS MEMORANDUM**

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

**Southern Pacific Company—Pacific Lines**

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at Moapa, Nevada Jan 27 1928from West End Consolidated Mining Co

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to American Smelting & Refining CoDestination Garfield State of Utah County of \_\_\_\_\_Route SP 710 Car Initial SP Car No. 41878

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN	If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)  (Signature of consignor)  If charges are to be prepaid, write or stamp here, "To be Prepaid."  Received \$ _____ to apply in prepayment of the charges on the property described hereon.  Agent or Cashier  Per _____ (The signature here acknowledged only the amount prepaid.)  Charges advanced: \$ _____
	<u>1/2 Duck Ore.</u>	<u>10,000</u>			
	<u>Value \$40.00 per ton</u>				
	<u>Subject to Smelter Returns</u>				
	<u>Lot #90</u>				
	<u>Sample in Route at</u>				
	<u>Murray Utah.</u>				

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

Per West End Consolidated Mining Co Shipper 3 Per Geo B. Batten Agent.

Permanent post-office address of shipper \_\_\_\_\_



165 SO. WEST TEMPLE S

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH, **Dec. 18, 1928**LOT NO. **96 Dup.**SAMPLED BY **U. O. S.****2nd Sampling**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
6.93	12.8				
7.05	13.5				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
Ore plus Metallics, Gold =			7.055 Ozs.		

CHARGE, \$

**3***Black & Deason*  
ASSAYERS



CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	
Night Letter	
Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM	

# WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms  
on back hereof, which are hereby agreed to

TONOPAH, NEVADA.

MARCH 23, 1928

DAYLETTER

AMERICAN SMELTING & REFINING COMPANY  
912 NEWHOUSE BUILDING,  
SALT LAKE CITY, UTAH. ATTENTION J.M. BIDWELL

SETTLEMENT RECEIVED TODAY OUR LOT NINETY ONE BASIS ONE POINT TWENTY  
THREE OUNCES GOLD STOP AS THIS ASSAY SO MUCH LOWER THAN FROM ANY  
PREVIOUS SAMPLING WE CANNOT UNDERSTAND YOUR ACTION IN SMELTING ORE  
OR IN SETTLING ON LOWEST SAMPLE WITHOUT FIRST CONSULTING US STOP  
PLEASE ADVISE FULLY REGARDING AS YOU REALIZE WE HAVE GOOD REASON  
FOR BEING DISSATISFIED WITH THIS SETTLEMENT.

WEST END CONS. MINING COMPANY

HDB-FW

Chge West End

11:50 A.M.

## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its character is indicated by a symbol in the check or in the address.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J C WILLEVER, FIRST VICE-PRESIDENT

## SYMBOLS

BLUE	Day Letter
NITE	Night Message
NL	Night Letter
LCO	Deferred
CLT	Cable Letter
WLT	Week End Letter

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 110 Main St., Tonopah, Nev.

Telephone 962

52F N 49 DL

SALT LAKE CITY UTAH 415P MAR 23 1928

H D BUDELMAN

VICE PRESIDENT WEST END CONSOLIDATED MINING COMPANY

TONOPAH NEV

SETTLEMENT WAS MADE YOU LOT NINETY ONE THROUGH MISUNDERSTANDING  
GARFIELD PLANT STAFF STOP WE ARE LOADING IT FOR SHIPMENT BACK  
TO UTAH ORE SAMPLING COMPANY FOR RESAMPLE BY THEM STOP  
PLEASE CONSIDER OUR CHECK AS ADVANCE TO BE SUBJECT TO  
CORRECTION WHEN WE AGREE ON FINAL SETTLEMENT REGRET ERROR

AMERICAN SMELTING & REFINING COMPANY

341P



April 3, 1928

Black & Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:                   Attention Mr. Wm. A. Black, President.

In reply to your letter of April 1st, we suggest that you assay the pulp on the second and third resampling of Lot No. 91, made by the Utah Ore Sampling Company.

We have not received any assays from the smelter on the third resampling but are certainly glad that it ran high. It appears likely that in the final settlement it will be a case of an average of the different results.

At the time we wired you on March 23d, the American Smelting and Refining Company had settled on this Lot No. 91 using the settlement assay figures as follows: Gold 1.23 oz. Silver 59.85 oz. They have since wired us that this settlement was made through error and that final settlement will have to be determined later.

We note from your letter of March 28th that you will be in Tonopah sometime during the next month or two. We will be very glad to see you at that time and have a talk with you regarding our shipments.

Yours very truly,

General Manager

HDB-FW



January 31, 1928

Black & Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on January 27th to the American Smelting and Refining Company at their Garfield Plant, carload of ore from our Mabel Mine, our Lot No. 90. in car DRG-41878.

This ore is to be sampled once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us and handle as heretofore.

Yours very truly,

Secretary.

FW



## BLACK & DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH, March 23rd, 1928

West End Con. Mining Co.  
Tonopah, Nevada.

Gentlemen:-

After we had compared with the Garfield Smelting Co. on lot 1 original they asked us to run our duplicate pulp which we did and compared with them. They told us they were going to umpire the results on both pulps so we have been waiting to get the umpire certificates. However the Garfield Smelting Co. changed their mind and concluded to settle the lot up without umpiring as settlement had been delayed so long but did not let us know about the change hence our delay in reporting the enclosed.

Very truly yours,

*Black & Deason*



## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its character is indicated by a symbol in the check or in the address.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

## SYMBOLS

BLUE	Day Letter
NITE	Night Message
NL	Night Letter
LCO	Deferred
CLT	Cable Letter
WLT	Week End Letter

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 110 Main St., Tonopah, Nev.  
Telephone 962

40F M 11 COLLECT

SALT LAKE CITY UTAH 237P MAR 23 1928

WEST END CON MINING CO

TONOPAH NEV

LOT NINETY ONE HAS NOT BEEN RELEASED STILL ON HAND

BLACK AND DEASON

152P



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 21, 1923.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 91

UOS

SAMPLED BY

CLASS

Crude

SHIPPING POINT

Mina, Nevada.

2-24-28

QUOTATIONS OF

SILVER

.5725

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	0 1.16	59.4									
	D 1.26	59.8									
	0 1.20	60.0									
	D 1.30	60.2									
UMPIRE											
SETTLEMENT ASSAY	1.23	59.85									

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	90901		GOLD	@	19.00	23.37	BASE			4.00
			SILVER, 95%	@	.5725	32.55	10% Res. over 20.00 Gr.			3.59
			LEAD, LESS	90% @						
			COPPER, LESS	@						
						55.92				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT										
WEIGHT OF	SACKS									
WET WEIGHT		97820					IRON	% @		
LESS MOISTURE	1.85%	1810					TOTAL DEDUCTIONS			7.59
			LESS TOTAL DEDUCTIONS			7.59				

DRY WEIGHT 96010 @ \$ 48.33 PER ON \$ 2320.08

FREIGHT ADVANCED @ 1.30 (Mina to Thompson) 63.58

ADVANCES

SAMPLING

UMPIRE

Watching original & re-sample

ASSAYING

CHECKED

CORRECT

8.00  
12.00

80.58

Rates, except on contracts, subject to change  
without notice.

MEM

NET PROCEEDS

2259.50



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 21, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 91

SAMPLED BY UOS

CLASS Crude

SHIPPING POINT Mina, Nevada.

QUOTATIONS OF 2-24-28

SILVER .5725

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	1.16	59.4									
	1.26	59.8									
	1.20	60.0									
	1.30	60.2									
UMPIRE											
SETTLEMENT ASSAY	1.23 ✓	59.85 ✓									

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	90901		GOLD	@	19.00	23.37 ✓	BASE			4.00 ✓
			SILVER, 95%	@	.5725	32.55 ✓	10% Xes. over 20.00 Gr.			3.59 ✓
			LEAD, LESS	90% @						
			COPPER, LESS	@						
						55.92 ✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
							IRON	% @		
WEIGHT OF LOT										
WEIGHT OF	SACKS									
WET WEIGHT		97820 ✓								
LESS MOISTURE	1.85% ✓	1810 ✓								
			LESS TOTAL DEDUCTIONS			7.59 ✓	TOTAL DEDUCTIONS			7.59 ✓

DRY WEIGHT 96010 ✓  
 48003

Freight advanced @ 1.30 (Mina to Thompson) 63.58 ✓

ADVANCES

SAMPLING

CHECKED

CORRECT

UMPIRE

Watching

original &amp; re-sample

5.00 ✓

12.00 ✓

80.58 ✓

Rates, except on contracts, subject to change  
without notice.

MEM

NET PROCEEDS

2239.50 ✓



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 21, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 91

UOS

SAMPLED BY

CLASS

Crude

SHIPPING POINT

Mina, Nevada.

2-24-28

.5725

QUOTATIONS OF

SILVER

LEAD

COPPER

## ASSAYS

A. S. &amp; R. CO.

GOLD  
OZ. PER TON

0 1.16

0 1.26

0 1.20

0 1.30

SILVER  
OZ. PER TON

59.4

59.8

60.0

60.2

LEAD  
PER CENTCOPPER  
PER CENTINSOL.  
PER CENTZINC  
PER CENTSULPHUR  
PER CENTARSENIC  
PER CENTIRON  
PER CENT

UMPIRE

SETTLEMENT ASSAY

1.23

59.85

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

SP

90901

GOLD

@

19.00

23.37

SILVER, 95%

@

.5725

32.55

LEAD, LESS

90% @

COPPER, LESS

@

55.92

BASE

10% less. over 20.00 Gr.

4.00

3.59

INSOLUBLE

% @

ZINC

% @

SULPHUR

% @

DEBIT

IRON

% @

WEIGHT OF LOT

WEIGHT OF

SACKS

WET WEIGHT

LESS MOISTURE

1.85%

97820

1810

LESS TOTAL DEDUCTIONS

7.59

TOTAL DEDUCTIONS

7.59

DRY WEIGHT

96010

@

49.33

PER ON

\$ 2320.03

FREIGHT ADVANCED

@ 1.30 (Mina to Thompson) 65.58

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

ASSAYING

Watching original &amp; re-sample

15.00

80.58

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

\$ 2239.50



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 21, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

Lot No. 91

UOS

SAMPLED BY

CLASS

Crude

SHIPPING POINT

Mina, Nevada.

QUOTATIONS OF 2-24-28

SILVER

.5725

LEAD

COPPER

## ASSAYS

A. S. &amp; R. CO.

GOLD  
OZ. PER TONSILVER  
OZ. PER TONLEAD  
PER CENTCOPPER  
PER CENTINSOL.  
PER CENTZINC  
PER CENTSULPHUR  
PER CENTARSENIC  
PER CENTIRON  
PER CENT0 1.16  
1 1.28  
0 1.20  
1 1.3059.4  
59.8  
60.0  
60.2

UMPIRE

SETTLEMENT ASSAY

1.23

59.85

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

SP

90901

GOLD

@

19.00

23.37

SILVER, 95%

@

.5725

32.55

LEAD, LESS

90% @

COPPER, LESS

@

55.92

BASE

10% Xes. over 20.00 Gr.

4.00

3.59

INSOLUBLE % @

ZINC % @

SULPHUR % @

DEBIT

IRON % @

WEIGHT OF LOT

WEIGHT OF SACKS

WET WEIGHT

LESS MOISTURE

1.85%

97820

1810

LESS TOTAL DEDUCTIONS

7.59

TOTAL DEDUCTIONS

7.59

DRY WEIGHT

96010

@ \$ 48.33

PER ON

\$ 2320.08

FREIGHT ADVANCED

@ 1.30 (Mina to Thompson) 63.58

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

ASSAYING

Watching original &amp; re-sample

12.00

80.58

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

2239.50



CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	FULL RATE
DAY LETTER	DEFERRED
NIGHT MESSAGE	CABLE LETTER
NIGHT LETTER	WEEK END LETTER

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

NO.	CASH OR CHG.
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

To *American Smelting and Refining Co* <sup>3/12</sup>

1928

Street and No.

Place

*Salt Lake City, Utah*  
*Resample our lot ninety one notify*  
*Black and Deason be present*  
*West End Lumber Co*

*City West End*

SENDER'S ADDRESS  
FOR REFERENCE

SENDER'S TELEPHONE  
NUMBER



CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM	FULL RATE
DAY LETTER	DEFERRED
NIGHT MESSAGE	CABLE LETTER
NIGHT LETTER	WEEK END LETTER

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

NO.	CASH OR CHG.
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

## CONFIRMATION

Salt Lake City, Utah, Mar. 12, 1928.

H.D. Budelman,  
Vice Pres. & Genl. Manager,  
West End Consolidated Mining Co.,  
Tonopah, Nevada.

Gold assays your lot ninety one Utah Ore Sampling original one decimal four one duplicate one decimal eight nine By Garfield one decimal four naught and one decimal eighty-eight By Black & Deason stop Garfield assays on Garfield sampling one decimal four one original one decimal three four duplicate. We are holding car believing should be sampled again with your representative present. Please wire.

AMERICAN SMELTING & REFINING CO.

Night Letter  
Charge AS&R Co.

cc RWSenger

	<u>orig</u>	<u>Duplicate</u>
U.O.S.	{ 1.41 ✓ 1.40	1.89 - Smelter. 1.88 - B.Y.Z. 1.85 Done.
Garfield	1.41 ✓	1.34 ✓



## BLACK & DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH. Feb. 28, 1928

H. D. Budelman, General Manager,  
West End Consolidated Mining Co.,

Dear Sir:

As the Garfield Smelting Company obtained such different results in assaying the original and duplicate samples of Lot No. 91, we are enclosing our results on the duplicate assay.

Very truly yours,

WAB:TLB

*Black & Deason*



## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its character is indicated by a symbol in the check or in the address.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

## SYMBOLS

BLUE	Day Letter
NITE	Night Message
NL	Night Letter
LCO	Deferred
CLT	Cable Letter
WLT	Week End Letter

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 110 Main St., Tonopah, Nev.  
Telephone 962

69F N 65 NL

SALT LAKE CITY UTAH MAR 12 1928

H D BUDELMAN

VICE PRES & GENL MANAGER WEST END CONSOLIDATED MINING CO

TONOPAH NEV

GOLD ASSAYS YOUR LOT NINETY ONE UTAH ORE SAMPLING ORIGINAL  
ONE DECIMAL FOUR ONE, DUPLICATE ONE DECIMAL EIGHT NINE BY  
GARFIELD; ONE DECIMAL FOUR NAUGHT AND ONE DECIMAL EIGHTY EIGHT  
BY BLACK & DEASON STOP GARFIELD ASSAYS ON GARFIELD SAMPLING  
ONE DECIMAL FOUR ONE ORIGINAL ONE DECIMAL THREE FOUR DUPLICATE  
WE ARE HOLDING CAR BELIEVING SHOULD BE SAMPLED AGAIN WITH  
YOUR REPRESENTATIVE PRESENT PLEASE WIRE AMERICAN SMELTING & REFINING CO

4238



April 12, 1928

American Smelting & Refining Company,  
Salt Lake City, Utah.

Gentlemen:                      Attention Mr. J. M. Bidwell

Referring to our much sampled lot No. 91, for which preliminary settlement was made on March 21st.

A review of the assays from the several samplings gives the following interesting results. In arriving at an average I have used American Smelting and Refining Company and Black & Deason's assays on both original and duplicate samples for each sampling.

Considering first the three samplings by the Utah Ore Sampling Company.

	<u>Oz. Gold</u>	<u>Oz. Silver</u>
1st Sampling	1.645	61.625
2nd Sampling	1.57	60.925
3d Sampling	<u>1.995</u>	<u>61.375</u>
Average	1.737	61.308

The resampling at your Garfield Plant gives an average for this sampling of 1.23 oz. Gold and 59.85 oz. silver. These results, especially for the gold, appear abnormally low.

It has been our understanding that Utah Ore Sampling Company sampling is satisfactory to you. If so it would appear that settlement should be made on the average of the three samplings at its plant, namely 1.737 oz. Gold and 61.308 oz. Silver.

We realize that you have been put to both trouble and expense in an attempt to arrive at a correct valuation for this ore, and appreciate the difficulty in doing so. The ore contained some highgrade gold, which we regarded as fine gold, and in estimating the probable value of the shipment our Superintendent stated that it might run any place between \$80.00 and \$300.00 per ton, which showed how uncertain he was about the average value.

It does not appear worth while to sample this lot again, and we would appreciate a letter from you regarding it.

Yours very truly,



CLASS OF SERVICE DESIRED	
TELEGRAM	
DAY LETTER	
NIGHT MESSAGE	
NIGHT LETTER	
Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM	

# WESTERN UNION



# TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

NO.	CASH OR CHG
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

*Stewart Hotel, S.F. April 15, 1928*

To *American Smelting & Refining Co.,*

Street and No. (or Telephone Number)

Place *Salt Lake City Utah.*

*Replying to your wire of thirteenth and referring to our letter of twelfth <sup>referring to m lot 91</sup> stop we are willing accept settlement on basis offered provided you absorb any extra expense incurred by us on account of ratcheting and assaying on resampling.*

*West End Consolidated Min. Co.*

SENDER'S ADDRESS  
FOR REFERENCE

SENDER'S TELE-  
PHONE NUMBER



## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its character is indicated by a symbol in the check or in the address.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

## SYMBOLS

DL	Day Letter
NITE	Night Message
NL	Night Letter
LCO	Deferred
CLT	Cable Letter
WLT	Week End Letter

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 110 Main St., Tonopah, Nev.

Telephone 962

38F N 42 DL

SALT LAKE CITY UTAH 428/APR 13 1928

H D BUDELMAN

VICE PRESIDENT WEST END CONSOLIDATED MINING CO TONOPAH NEV

PLEASE WIRE US IF SATISFACTORY TO MAKE FINAL SETTLEMENT LOT  
NINETY ONE ON BASIS FIRST SAMPLE AT UTAH ORE SAMPLING  
MILL AVERAGE ASSAYS ONE OUNCE AND SIX HUNDRED FORTY FIVE  
THOUSANDTHS GOLD AND SIXTY ONE AND SIX HUNDRED TWENTY FIVE  
THOUSANDS SILVER

AMERICAN SMELTING AND REFINING COMPANY

offer. less than Assay O.O.S. samples 1.63 per ton. 359P \$78.24.

" more " " " " 1st O.S. + R. sample. 1.055 per ton \$50.64



February 29, 1928

Utah Ore Sampling Company,  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on February 28th to the American Smelting and Refining Company at Garfield in car SP-46816, our Lot No. 92.

This ore is to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt LakeCity, who will watch this sampling for us as before.

Yours very truly,

Secretary

FW



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 10, 1928.

BOUGHT OF West End Cons'd. Mining Co.MINE MabelLOT No. 92SAMPLED BY UOSCLASS CrudeSHIPPING POINT Mina, Nev.QUOTATIONS OF 3-6-28SILVER .57125 ✓

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	.90 ✓	60.3 ✓		.25							
B&D	.96 ✓	59.9 ✓		.25							
UMPIRE <u>Union</u>	.90 ✓										
SETTLEMENT ASSAY	.90 ✓	60.1 ✓		.25							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	46816		GOLD	@	19.00	17.10 ✓	BASE		4.00 ✓	
	X-46816		SILVER, 95%	@	.57125	32.62 ✓	10% Xes. over 20.00 Gr.		2.97 ✓	
			LEAD, LESS	90% @						
			COPPER, LESS	@						
						49.72 ✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT										
WEIGHT OF	SACKS									
WET WEIGHT		88460 ✓					IRON	% @		
LESS MOISTURE	1.7 %	1504 ✓				6.97 ✓	TOTAL DEDUCTIONS		6.97 ✓	

DRY WEIGHT 43,478 @ \$ 42.75 ✓ PER ON \$ 1858.68 ✓

FREIGHT ADVANCED @ 1.30 (Mina to Thompson, Nev.)

57.50 ✓

ADVANCES

SAMPLING

CHECKED B

UMPIRE

CORRECT

ASSAYING Assay

3.00 ✓

3.00 ✓

5.00 ✓

68.50 ✓

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

1790.18 ✓



Voucher No. 1945 Mo. March, 1928.

For

Lot 92, Mabel Crude

1790.18

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH March 10, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 92

SAMPLED BY UOS

CLASS Crude

SHIPPING POINT Mina, Nev.

QUOTATIONS OF 3-6-28

SILVER .57125

LEAD

COPPER

## ASSAYS

A. S. &amp; R. CO.

GOLD  
OZ. PER TON  
.90SILVER  
OZ. PER TON  
60.3LEAD  
PER CENTCOPPER  
PER CENT  
.25  
.25INSOL.  
PER CENTZINC  
PER CENTSULPHUR  
PER CENTARSENIC  
PER CENTIRON  
PER CENT

B&amp;D

.96

59.9

UMPIRE Union

.90

SETTLEMENT ASSAY

.90

60.1

.25

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

SP

46816

X-46816

GOLD @ 19.00 17.10  
 SILVER, 95% @ .57125 32.62  
 LEAD, LESS 90% @  
 COPPER, LESS @

49.72

BASE 4.00  
 10% Res. over 20.00 Gr. 2.97

INSOLUBLE % @

ZINC % @

SULPHUR % @

DEBIT

IRON % @

WEIGHT OF LOT

WEIGHT OF SACKS

WET WEIGHT 88460

LESS MOISTURE 1.7 % 1504

LESS TOTAL DEDUCTIONS

6.97

TOTAL DEDUCTIONS

6.97

DRY WEIGHT

86956

@ \$ 42.75 PER ON \$ 1858.68

FREIGHT ADVANCED @ 1.30 (Mina to Thompson, Nev.)

ADVANCES

57.50

SAMPLING

CHECKED

UMPIRE

3.00

CORRECT

ASSAYING

Assay  
Watching

3.00

68.50

5.00

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

1790.18



February 29, 1928

Black and Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on February 23th to the American Smelting and Refining Company at their Garfield Plant, carload of ore from our Mabel Mine, our Lot No.92, in car SP-46816.

This ore is to be sampled once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us and handle as heretofore.

Yours very truly,

Secretary

FW



CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	
Night Letter	
Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM	

# WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms  
on back hereof, which are hereby agreed to

TONOPAH, NEVADA.

MARCH 23, 1928

DAYLETTER

AMERICAN SMELTING & REFINING COMPANY  
912 NEWHOUSE BUILDING,  
SALT LAKE CITY, UTAH. ATTENTION J.M. BIDWELL

SETTLEMENT RECEIVED TODAY OUR LOT NINETY ONE BASIS ONE POINT TWENTY  
THREE OUNCES GOLD STOP AS THIS ASSAY SO MUCH LOWER THAN FROM ANY  
PREVIOUS SAMPLING WE CANNOT UNDERSTAND YOUR ACTION IN SMELTING ORE  
OR IN SETTLING ON LOWEST SAMPLE WITHOUT FIRST CONSULTING US STOP  
PLEASE ADVISE FULLY REGARDING AS YOU REALIZE WE HAVE GOOD REASON  
FOR BEING DISSATISFIED WITH THIS SETTLEMENT.

WEST END CONS. MINING COMPANY

HDB-FW

Chge West End

11:50 A.M.



CLASS OF SERVICE DESIRED	
Telegram	
Day Letter	
Night Message	
Night Letter	
Patrons should mark an X opposite the class of service desired; OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM	

# WESTERN UNION TELEGRAM

NEWCOMB CARLTON, PRESIDENT

GEORGE W. E. ATKINS, FIRST VICE-PRESIDENT

Receiver's No.
Check
Time Filed

Send the following message, subject to the terms  
on back hereof, which are hereby agreed to

TONOPAH, NEVADA.

MARCH 23, 1928

DAYLETTER

BLACK AND DEASON  
165 SO WEST TEMPLE ST.,  
SALT LAKE CITY, UTAH.

SETTLEMENT RECEIVED TODAY OUR LOT NINETY ONE BASIS ONE POINT TWENTY  
THREE OUNCES GOLD STOP AS THIS ASSAY SO MUCH LOWER THAN FROM ANY  
PREVIOUS SAMPLING WE CANNOT UNDERSTAND YOUR ACTION IN RELEASING CAR  
TO SMELTER WITHOUT FIRST CONSULTING US STOP PLEASE ADVISE FULLY  
REGARDING.

WEST END CONS. MINING COMPANY

HDB-FW

Chge West End

11:50 A.M.



February 29, 1928

American Smelting and Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On February 28th we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 92, in car SP-46816, bill of lading enclosed herewith.

This ore is to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copies of settlement sheets to the West End Cons. Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary

FW





# UNIFORM STRAIGHT BILL OF LADING

(Prescribed by the Interstate Commerce Commission)

**THIS MEMORANDUM** is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

## Southern Pacific Company—Pacific Lines

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at *L. + L. munda* C-48-20 192

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to *Ammonia nitricum* 1000000

Destination Shreveport State of Mississippi County of Madison

Route 24 / 100

Car Initial NA Car No. 40016

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN
	9/2 Lumber are 20' x 8" Value \$1000.00 ton			
	Subject to Inspector's notes			
	Simple Enroute Murray Utah Weight at Mine			

If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)

---

(Signature of consignor)

---

If charges are to be prepaid, write or stamp here, "To be Prepaid."

---

Received \$ \_\_\_\_\_  
to apply in prepayment of the charges on the property described hereon.

---

Agent or Cashier \_\_\_\_\_

---

Per \_\_\_\_\_

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

**NOTE**—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

Shipper.

Agent.

Per

Per

Permanent post-office address of shipper



## AMERICAN SMELTING AND REFINING CO.

C/N a/c Settled on original sample as made by U.O.S.

GARFIELD PLANT

GARFIELD, UTAH April 19, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 91

SAMPLED BY UOS

CLASS

Crude

SHIPPING POINT Mina, Nevada

QUOTATIONS OF 2-24-28

SILVER

.5725

LEAD

COPPER

## ASSAYS

GOLD  
OZ. PER TONSILVER  
OZ. PER TONLEAD  
PER CENTCOPPER  
PER CENTINSOL.  
PER CENTZINC  
PER CENTSULPHUR  
PER CENTARSENIC  
PER CENTIRON  
PER CENT

A. S. &amp; R. CO.

O 1.41

61.5

.3

D 1.89

61.8

.3

O 1.40

61.2

D 1.88

62.0

UMPIRE

SETTLEMENT ASSAY

1.845

61.625

.3

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

SP

90901

GOLD

@

19.00

31.26

BASE

4.00

SILVER, 95%

@

.5725

33.58

10% Res. over 20.00 Gr. 4.00

LEAD, LESS

90% @

(Max.) 8.00

COPPER, LESS

@

64.78

INSOLUBLE % @

ZINC % @

SULPHUR % @

DEBIT

IRON % @

WEIGHT OF LOT

WEIGHT OF SACKS

WET WEIGHT 97820

LESS MOISTURE 1.85 % 1810

LESS TOTAL DEDUCTIONS

8.00

TOTAL DEDUCTIONS

(Max.) 8.00

DRY WEIGHT

96010

56.78

2725.72

FREIGHT ADVANCED

@ 1.90 (Mina to Thompson, Nev.) 92.93

ADVANCES

SAMPLING

CHECKED

UMPIRE

ASSAYING

Matching on orig. sample

5.00

6.00 108.93

Rates, except on contracts, subject to change without notice.

NET PROCEEDS

Vo. 2385 3/21

Pd.

2621.79

2239.50

382.29

MEM



## AMERICAN SMELTING AND REFINING CO.

C/N a/c Settled on original sample as made by U.O.S.  
GARFIELD PLANT

GARFIELD, UTAH April 19, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

LOT No. 91

SAMPLED BY UOS

CLASS Crude

SHIPPING POINT Mina, Nevada

QUOTATIONS OF 2-24-28

SILVER .5725

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	0 1.41✓	61.5✓		.3							
	D 1.89✓	61.8✓		.3							
	0 1.40✓	61.2✓									
	D 1.88✓	62.0✓									
UMPIRE											
SETTLEMENT ASSAY	1.645✓	61.625✓		.3							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	90901		GOLD	@	19.00	31.26✓	BASE		4.00✓	
			SILVER, 95%	@	.5725	33.52✓	10% Yes. over 20.00 Gr.	4.00✓		
			LEAD, LESS	90% @			(Max.)	8.00✓		
			COPPER, LESS	@		64.78✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT							IRON	% @		
WEIGHT OF	SACKS									
WET WEIGHT		97820✓								
LESS MOISTURE	1.85✓ %	1810✓				8.00✓	TOTAL DEDUCTIONS	(Max.) 8.00✓		
			LESS TOTAL DEDUCTIONS							

DRY WEIGHT 96010✓  
48.005

@ 1.90 56.78✓ PER ON 2725.72✓  
(Mina to Thompson, Nev.) 92.93✓

FREIGHT ADVANCED

ADVANCES

SAMPLING

CHECKED

CORRECT

UMPIRE  
Watching on orig. sample

ASSAYING

5.00✓

6.00✓ 103.93✓

Rates, except on contracts, subject to change  
without notice.

NET PROCEEDS

Vo. 2385 3/21

Pd.

2621.79✓

2239.50✓

382.29✓

MEM



# AMERICAN SMELTING AND REFINING CO.

C/N a/c Settled on original sample as made by U.O.S.  
GARFIELD PLANT

GARFIELD, UTAH April 19, 1928.

West End Cons'd. Mining Co.

BOUGHT OF \_\_\_\_\_ MINE Mabel LOT No. 91

SAMPLED BY UOS CLASS Crude SHIPPING POINT Mina, Nevada

QUOTATIONS OF 2-24-28 SILVER .5725 LEAD \_\_\_\_\_ COPPER \_\_\_\_\_

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	<u>0 1.41</u>	<u>61.5</u>		<u>.3</u>							
	<u>D 1.89</u>	<u>61.8</u>		<u>.3</u>							
	<u>0 1.40</u>	<u>61.2</u>									
	<u>D 1.88</u>	<u>62.0</u>									
UMPIRE											
SETTLEMENT ASSAY	<u>1.645</u>	<u>61.625</u>		<u>.3</u>							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
<u>SP</u>	<u>90901</u>		GOLD	@	<u>19.00</u>	<u>31.26</u>	BASE			<u>4.00</u>
			SILVER, 95%	@	<u>.5725</u>	<u>33.52</u>	10% Yes. over 20.00 Gr.			<u>4.00</u>
			LEAD, LESS	. 90% @			(Max.)			<u>8.00</u>
			COPPER, LESS	@		<u>64.78</u>				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
WEIGHT OF LOT							DEBIT			
WEIGHT OF _____ SACKS										
WET WEIGHT		<u>97820</u>					IRON	% @		
LESS MOISTURE <u>1.85</u> %		<u>1810</u>								
			LESS TOTAL DEDUCTIONS			<u>8.00</u>	TOTAL DEDUCTIONS		(Max.)	<u>8.00</u>

DRY WEIGHT 96010 56.78 2725.72

@ 1.90 (Mina to Thompson, Nev.) 92.93

FREIGHT ADVANCED

ADVANCES

SAMPLING

CHECKED

UMPIRE Watching on orig. sample

5.00

CORRECT

ASSAYING

6.00 103.93

Rates, except on contracts, subject to change without notice.

NET PROCEEDS

Vo. 2385 3/21 Pd. 2621.79

2239.50

382.29

MEM



Voucher No. 2188 Mo April, 1928.

For

Lot 91, Mabel Crude

382.29

AMERICAN SMELTING & REFINING CO.  
CARFIELD, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





Voucher No. 1385 Mo. March, 1928.

For

Lot 91, Mabel Crude

2239.50

On Acct. - see telegram  
A S & R. - 3/23/28.

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the detached draft constitutes a receipt in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





Voucher No. 21 M Mo. April, 1928.

For

Lot 93, Mabel Crude

1422.01

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the detached draft constitutes a receipt in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





CLASS OF SERVICE DESIRED	
DOMESTIC	CABLE
TELEGRAM <input checked="" type="checkbox"/>	FULL RATE
DAY LETTER	DEFERRED
NIGHT MESSAGE	CABLE LETTER
NIGHT LETTER	WEEK END LETTER

Patrons should check class of service desired; otherwise message will be transmitted as a full-rate communication.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

NO.	CASH OR CHG.
CHECK	
TIME FILED	

Send the following message, subject to the terms on back hereof, which are hereby agreed to

April 17, 1928

West End Consolidated Mining Company  
Stewart Hotel  
San Francisco California

We are making settlement your lot ninety one on basis your telegram sixteenth

American Smelting and Refining Company

JMB'S

CHG AS&RCO (TELEGRAM)

*Toupeh*

CONFIRMATION COPY



## AMERICAN SMELTING AND REFINING CO.

C/N a/c Settled on original sample as made by U.O.S.

GARFIELD PLANT

GARFIELD, UTAH April 19, 1928.

BOUGHT OF West End Cons'd. Mining Co.

MINE Mabel

Lot No. 91

SAMPLED BY UOS CLASS Crude SHIPPING POINT Mina, Nevada

QUOTATIONS OF 2-24-28 SILVER .5725 LEAD COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	O 1.41	61.5		.3							
	D 1.89	61.8		.3							
	O 1.40	61.2									
	D 1.88	62.0									
UMPIRE											
SETTLEMENT ASSAY	1.645	61.625		.3							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	90901		GOLD	@	19.00	31.26	BASE			4.00
			SILVER, 95%	@	.5725	33.52	10% Xes. over 20.00 Gr.			4.00
			LEAD, LESS	90% @			(Max.)			8.00
			COPPER, LESS	@		64.78				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
WEIGHT OF LOT							DEBIT			
WEIGHT OF	SACKS									
WET WEIGHT		97820					IRON	% @		
LESS MOISTURE	1.85 %	1810	LESS TOTAL DEDUCTIONS		8.00		TOTAL DEDUCTIONS	(Max.)		8.00

DRY WEIGHT 96010

FREIGHT ADVANCED @ 1.90 (Mina to Thompson, Nev.) 92.95

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

ASSAYING

Rates, except on contracts, subject to change without notice.

NET PROCEEDS

Vo. 2385 3/21 Pd. 2621.79

2239.50

382.29

MEM



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

April 17, 1928.  
GARFIELD, UTAHBOUGHT OF West End Con. Mng. Co. MINE Mabel LOT NO. 93SAMPLED BY UOS CLASS Crude SHIPPING POINT Mina, Nev.QUOTATIONS OF 4-3-28 SILVER .57125 ✓ LEAD \_\_\_\_\_ COPPER \_\_\_\_\_

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	O 1.12 ✓	37.1 ✓		.15							
	D 1.17 ✓	37.4 ✓									
B&D	O 1.13 ✓	37.3 ✓									
	D 1.16 ✓	37.5 ✓									
UMPIRE											
SETTLEMENT ASSAY	1.145 ✓	37.325 ✓									

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
SP	92087 ✓		GOLD	@	19.00	21.76 ✓	BASE			4.00 ✓
			SILVER, 95%	@	.57125	20.26 ✓	10% Xes. over 20.00 Gr.			2.20 ✓
			LEAD, LESS	90% @						
			COPPER, LESS	@						
						42.02 ✓				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
							IRON	% @		
WEIGHT OF LOT										
WEIGHT OF	SACKS									
WET WEIGHT		84920 ✓								
LESS MOISTURE	2.15 ✓ %	1826 ✓								
			LESS TOTAL DEDUCTIONS			6.20 ✓	TOTAL DEDUCTIONS			6.20 ✓

DRY WEIGHT 83094 ✓ @ \$ 35.82 ✓ PER ON \$ 1488.21 ✓  
41.547  
 FREIGHT ADVANCED @ 1.30 (Mina to Thompson, Nev.)  
55.20  
 ADVANCES \_\_\_\_\_  
 SAMPLING \_\_\_\_\_  
 CHECKED \_\_\_\_\_ UMPIRE \_\_\_\_\_  
 CORRECT \_\_\_\_\_ ASSAYING \_\_\_\_\_  
5.00  
6.00 ✓ 66.20 ✓

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

\$ 1422.01 ✓



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH

April 17, 1928.

BOUGHT OF West End Con. Mng. Co.

MINE

Mabel

Lot No.

93

SAMPLED BY UOS

CLASS

Crude

SHIPPING POINT

Mina, Nev.

QUOTATIONS OF 4-3-28

SILVER .57125

LEAD

COPPER

## ASSAYS

A. S. &amp; R. CO.

GOLD

OZ. PER TON

O 1.12

SILVER

OZ. PER TON

37.1

LEAD

PER CENT

COPPER

PER CENT

.15

INSOL.

PER CENT

ZINC

PER CENT

SULPHUR

PER CENT

ARSENIC

PER CENT

IRON

PER CENT

B&amp;D

D 1.17

37.4

O 1.13

37.3

D 1.16

37.5

UMPIRE

SETTLEMENT ASSAY

1.145

37.325

CAR INITIAL

NUMBER

WEIGHT

VALUES PER TON

DEDUCTIONS PER TON

SP

92087

GOLD

@

19.00

21.76

SILVER, 95%

@

.57125

20.28

LEAD, LESS

90% @

COPPER, LESS

@

42.02

BASE

10% Xes. over 20.00 Gr.

4.00

2.20

INSOLUBLE

% @

ZINC

% @

SULPHUR

% @

DEBIT

IRON

% @

WEIGHT OF LOT

WEIGHT OF SACKS

WET WEIGHT

LESS MOISTURE 2.15

%

84920

1826

LESS TOTAL DEDUCTIONS

6.20

TOTAL DEDUCTIONS

6.20

DRY WEIGHT

83094

@

\$

35.82

PER ON

\$ 1483.21

FREIGHT ADVANCED

@ 1.30 (Mina to Thompson, Nev.)

ADVANCES

55.20

SAMPLING

UMPIRE

ASSAYING

CHECKED

CORRECT

8:00

66.20

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

\$

1422.01



AMERICAN SMELTING & REFINING CO.  
SUCCESSORS TO

Date Assayed

## GARFIELD SMELTING CO.

APR 3 1928 19

	Lot No.	NAME	Gold Ounces per ton	Silver Ounces per ton	Copper per cent	Insol- uble per cent	Zinc per cent	Sulphur per cent	Arsenic per cent	Speiss per cent	Iron per cent	Lime per cent		
G. S. Co.	93	West End Mary	1.12	37.1										
		✓ 11	1.11	37.4										
Mine			1.13	37.3										
			1.16	37.5										

Sampled by U. O. S. CO.

C. Alexander Chief Assayer



March 27, 1928

Black and Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on March 26, to the American Smelting and Refining Company at their Garfield Plant, carload of ore from our Mabel Mine, our Lot No. 93, in car SP-92087.

This ore is to be sampled once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us and handle as heretofore.

Yours very truly,

Secretary

FW



March 27, 1928

American Smelting and Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On March 26th we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore out Lot No. 93, in car SP-92087, bill of lading enclosed herewith.

This ore is to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copies of settlement sheets to the West End Cons. Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary.

FW



(Prescribed by the Interstate Commerce Commission)

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to American Morning & Evening (2)

Destination Garfield State of Utah County of Garfield

Route 20

Car Initial DP Car No. 17051

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN	<p>If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:</p> <p>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)</p> <p>(Signature of consignor)</p> <p>If charges are to be prepaid, write or stamp here, "To be Prepaid."</p> <p>Received \$ _____</p> <p>to apply in prepayment of the charges on the property described hereon.</p> <p>Agent or Cashier</p> <p>Per _____</p> <p>(The signature here acknowledged)</p>
2	<p>Bulk Ore</p> <p>Value \$40.00 per ton</p> <p>Subject to Smelter Returns</p> <p>Lot 93</p> <p>Sample in _____ at Murray Utah</p>	80000	5.00		

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

**NOTE**—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

Per F. J. Smith Per [Signature]

Permanent post-office address of shipper



March 27, 1928

Utah Ore Sampling Company,  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on March 26th to the American Smelting and Refining Company at Garfield in car SP-92087, our Lot No. 93.

This ore is to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt Lake City, who will watch this sampling for us as before.

Yours very truly,

Secretary

FW





Form 1553

Standard  
4-27-1,000,000 Sets

(For use in connection with Uniform Domestic Straight Bill of Lading added by Carriers in Official, Southern and Western Classification territories, March 15, 1922.)

**UNIFORM STRAIGHT BILL OF LADING**

(Prescribed by the Interstate Commerce Commission)

**THIS MEMORANDUM**

is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

**Southern Pacific Company—Pacific Lines**

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at Mina Nevada April 9 1928from West End Consolidated Mining Co  
the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to U.S. Smelting & Refining CoDestination Midvale State of Utah County of \_\_\_\_\_

Route \_\_\_\_\_

Car Initial S.P. Car No. 16721

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	*WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN	If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)  (Signature of consignor)  If charges are to be prepaid, write or stamp here, "To be Prepaid."  Received \$ _____ to apply in prepayment of the charges on the property described hereon.  Agent or Cashier _____  Per _____ (The signature here acknowledges only the amount prepaid.)  Charges advanced: \$ _____
	<u>94 Bulk Ore</u>	<u>100,000</u>			
	<u>Value 40<sup>00</sup> Ten Subject to</u>				
	<u>Smelter Returns</u>				
	<u>Sample in Route Murray Utah</u>				
	<u>Lot- 94 - Andy Smith Louser</u>				
	<u>Lot- 95 - Nelson &amp; Garfield</u>				
	<u>Lots Tagged in Car Accordingly</u>				

\*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding

per

West End Consolidated Mining Co Shipper. 3 Agent.Per J. Smith Per \_\_\_\_\_

Permanent post-office address of shipper \_\_\_\_\_



April 10, 1928

Black & Deason,  
165 S. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on April 9th to the U.S. Smelting Refining and Mining Company at their Midvale plant, carload of ore from our Mabel Mine, our Lot No. 94, Andy Smith, Leaser, and No. 95, Nelson & Kalenber, Leasers, car No. SP-16721.

This ore is to be sampled separately once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us and handleas heretofore.

Yours very truly,

Secretary.

FW



April 10, 1928

Utah Ore Sampling Company,  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Kabel Mine on April 9th to the U. S. Smelting Refining & Mining Company at their Midvale Plant, in car SP-16721, our Lot No. 94, Andy Smith, Leaser, and Lot No. 95, Nelsen & Kalenber, Leasers.

This ore is to be sampled separately once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our representatives will be Black & Deason of Salt Lake City who will watch this sampling for us as before.

Yours very truly,

S

Secretary.

FW



## CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its character is indicated by a symbol in the check or in the address.

# WESTERN UNION

NEWCOMB CARLTON, PRESIDENT

J. C. WILLEVER, FIRST VICE-PRESIDENT

## SYMBOLS

BLUE	Day Letter
NITE	Night Message
NL	Night Letter
LCO	Deferred
CLT	Cable Letter
WLT	Week End Letter

The filing time as shown in the date line on full-rate telegrams and day letters, and the time of receipt at destination as shown on all messages, is STANDARD TIME.

Received at 110 Main St., Tonopah, Nev.

36 F A 16 (Telephone) 962

SALT LAKE CITY UTAH 630P DEC 19 1928

H D BUDELMAN

WESTEND CONSOLIDATED MINING CO TONOPAH NEV

*Twice* *put sample 743* *13 on* *silva*  
SAMPLED SEIG NEUR PAARWEISE VISTILLAS DOLDE VITALISTS PLOMAZON

*samples.*  
POOR CHECK OVERSHOT GARFIELD TOMORROW HOME SATURDAY

F C NINNIS

743P

*Mahd Sat.*



Voucher No. 119 Mo. Jan., 1929.

AMERICAN SMELTING & REFINING CO.  
SALT LAKE CITY, UTAH

For

Lot 96, Mabel Crude  
97, " "

4461.04

35.84

---

4496.88

Less advance

3500.00

---

996.88

*The endorsement by the payee of the detached draft constitutes a receipt in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





Voucher No. 9 2 4 2 Mo. Dec. 1928.

For West End Cons. Crude.

Advance on Lot 96,

3500.00

AMERICAN SMELTING & REFINING CO.  
SALT LAKE CITY, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN



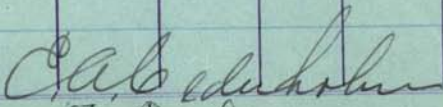


## AMERICAN SMELTING &amp; REFINING CO.

Garfield Plant DEC 19 1928 19

	Lot. No.	NAME	Gold Ounces per ton	Silver Ounces per ton	Lead per cent	Copper per cent	Insol- uble per cent	Iron per cent	Arsenic per cent	Antim- ony per cent	Sulphur per cent	Lime per cent	Bis- muth per cent
A S & R Co.	96	West End	0 - 8.35	13.6		0.15							
		hd	6.93	12.8									
Mine		7 <sup>th</sup> Sampling.											

Sampled by U. O. S. CO.

  
 F. Engle Chief Chemist



## AMERICAN SMELTING &amp; REFINING CO.

Garfield Plant 12-22 1928

	Lot. No.	NAME	Gold Ounces per ton	Silver Ounces per ton	Lead per cent	Copper per cent	Insol- uble per cent	Iron per cent	Arsenig per cent	Antim- ony per cent	Sulphur per cent	Lime per cent	Bis- muth per cent
AS & R Co.	960	West End	6 <sup>84</sup>	13 <sup>0</sup>									
	960	(Check)	6 <sup>79</sup>	13 <sup>2</sup>									
Mine		Box - 0	6 <sup>74</sup>	13 <sup>3</sup>									
		✓ - 8	6 <sup>79</sup>	13 <sup>1</sup>									

A.S. &amp; R.

Sampled by U.O.S. CO.

F. Engle

Chief Chemist



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH, Jan. 7, 1929.

BOUGHT OF West End Cons'd. Mining Co.

MINE

Mabel

Lot No. 96

SAMPLED BY UOS &amp; GP

CLASS

Crude

SHIPPING POINT

Mina, Nevada.

QUOTATIONS OF 12-19-28

SILVER

57.375

LEAD

COPPER

## ASSAYS

	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
UOS Co. first sample	6.41	13.2									
A. S. & R. CO.	6.56	13.2									
" " " B&D	6.71	13.4									
" " " Gfld.	6.80	13.4									
" " " B&D	6.45	13.4									
Gfld. Sample - Gfld.	6.05	13.4									
UMPIRE	6.74	13.4									
" " " B&D	6.79	13.4									
SETTLEMENT ASSAY	6.79	13.4									

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON	DEDUCTIONS PER TON
SP	29328	7.0208	GOLD @ 19.00 133.40	BASE
	into		SILVER, 95% @ .57375 7.23	
UP	63397		LEAD, LESS - 90% @	
			COPPER, LESS @	
				140.63
				INSOLUBLE % @
				ZINC % @
				SULPHUR % @
				DEBIT
				IRON % @
WEIGHT OF LOT				
WEIGHT OF SACKS		70720		
WET WEIGHT		1732		
LESS MOISTURE 2.45 %			LESS TOTAL DEDUCTIONS	8.00
				Max. TOTAL DEDUCTIONS 8.00

DRY WEIGHT

68988

34.494

@ \$ 132.63 PER TON 4574.94

@ 2.50 (Mina to Thompson, Nev.) 88.40

FREIGHT ADVANCED

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

WATCHING

ASSAYING

7.50

18.00 113.90

Rates, except on contracts, subject to change without notice.

MEM

NET PROCEEDS

\$ 4461.04

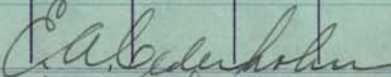


## AMERICAN SMELTING &amp; REFINING CO.

Garfield Plant DEC 19 1928 19

	Lot. No.	NAME	Gold Ounces per ton	Silver Ounces per ton	Lead per cent	Copper per cent	Insol- uble per cent	Iron per cent	Arsenic per cent	Antim- ony per cent	Sulphur per cent	Lime per cent	Bis- muth per cent
AS & R Co.	96	West End - O	6.41	13.1		0.15							
		40	6.56	13.2									
Mine		First Sampling.											
						0.00							

Sampled by U. O. S. CO.

  
 F. Engle ..... Chief Chemist



April 10, 1928

U. S. Smelting, Refining & Mining Co.,

Salt Lake City, Utah.

Gentlemen:

On April 9th we shipped to your Midavle Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 94, Andy Smith, Leaser, and No. 95, Nelson & Kalenber, Leasers, in car SP-16721, bill of lading enclosed herewith.

This ore is to be sampled separately in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Black and Deason will watch this sampling for us and handle as heretofore.

Please send check covering returns together with copies of settlement sheets to the West End Cons. Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary.

FW



December 11, 1928

Utah Ore Sampling Company,  
914 Continental Building,  
Salt Lake City, Utah.

Gentlemen:

We shipped carload of ore from our Mabel Mine on December 10th to the American Smelting and Refining Company at Garfield in car SP-29328, our lot No. 96.

This ore to be sampled once at your plant, and crushed to pass one inch mesh, and is to be handled same as heretofore.

Our Mr. Ninnis alongwith Black and Deason of Salt Lake City will witness this sampling for us. Please do not sample before the arrival of Mr. Ninnis, who will arrive the day following the receipt of this letter.

Yours very truly,

Secretary.

TM





(For use in connection with Uniform Domestic Straight Bill of Lading and Uniform Classification territories, March 15, 1922.)

# UNIFORM STRAIGHT BILL OF LADING

(Prescribed by the Interstate Commerce Commission)

**THIS MEMORANDUM** is an acknowledgment that a bill of lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper's No. \_\_\_\_\_

Agent's No. \_\_\_\_\_

## Southern Pacific Company—Pacific Lines

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading.

at

192 8

from

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own road or its own water line, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

(Mail or street address of consignee—For purposes of notification only.)

Consigned to

Destination

State of

County of

Route

Car Initial

Car No.

(Delivering Carrier)

NO. PACKAGES	DESCRIPTION OF ARTICLES, SPECIAL MARKS, AND EXCEPTIONS	* WEIGHT (Subject to Correction)	CLASS OR RATE	CHECK COLUMN	If this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. (See section 7 of conditions.)
9	Box Ore	2000			
	Value \$150.00 for Subject to Smelter Returns				
	12 Sks Ore				
	Sample in route at Murray Utah				
	Box				
	Sample the 12 Sks Separately at Murray Utah				
	7 am				

(Signature of consignor)

If charges are to be prepaid, write or stamp here, "To be Prepaid."

Received \$ \_\_\_\_\_ to apply in prepayment of the charges on the property described hereon.

Agent or Cashier

Per \_\_\_\_\_  
(The signature here acknowledges only the amount prepaid.)

\* If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight.

NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \_\_\_\_\_ per \_\_\_\_\_

Charges advanced:

\$ \_\_\_\_\_

Shipper

Agent

Per

Per

Permanent post-office address of shipper



December 31, 1928.

Mr. J. M. Bidwell,  
American Smelting & Refining Co.,  
Salt Lake City, Utah.

Dear Sir:-

Replying to your letter of the 29th, relative  
to our Lot. No. 96.

We note that you suggest settlement on the  
average of the Utah Ore Sampling Company's first samp-  
ling and the Garfield's sampling.

We feel that due to the erratic nature of  
this particular Mabel Mine ore, which has made it diff-  
icult to check on other shipments of the same character,  
the second sampling by the Utah Ore Sampling Company  
should be given equal weight with the two other samplings  
in arriving at a final determination. Under the circum-  
stances it seems to us that an average of the three  
samplings is the correct and fair figure on which to  
settle, and we offer this suggestion to you for consider-  
ation.

Yours very truly,

President.

FCN:B



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH, Jan. 7, 1929.

BOUGHT OF West End Mg. Co.

MINE Mabel

LOT No. 97

SAMPLED BY GP

CLASS Crude

SHIPPING POINT Mina, Nevada.

QUOTATIONS OF 12-21-28

SILVER 57.125

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	1.88	78.6		.20							
	1.81	80.3		.22							
UMPIRE											
SETTLEMENT ASSAY	1.845	79.45		.21							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
UP	83397		GOLD	@	19.00	35.06	BASE			
			SILVER, 95%	@	.57125	43.12				
			LEAD, LESS - 90%	@						
			COPPER, LESS	@						
						78.18				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT		1089					IRON	% @		
WEIGHT OF 12 SACKS		17								
WET WEIGHT		1072								
LESS MOISTURE 1.2 %		12								
			LESS TOTAL DEDUCTIONS			8.00	TOTAL DEDUCTIONS			8.00

DRY WEIGHT 1060 @ 70.18 PER TON \$ 37.20

FREIGHT ADVANCED @ 2.50 (Mina to Thompson, Nev.) \$ 1.38

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

ASSAYING

Rates, except on contracts, subject to change without notice.

NET PROCEEDS

\$ 35.84



December 11, 1928.

American Smelting & Refining Co.,

Salt Lake City, Utah.

Gentlemen:

On December 10th we shipped to your Garfield Plant from our Mabel Mine, Mina, Nevada, carload of ore our Lot No. 96 in car SP-29328, bill of lading enclosed herewith.

This ore to be sampled in transit at the plant of the Utah Ore Sampling Company and is to be crushed to pass one inch mesh.

Our Mr. Ninnis alongwith Black and Deason of Salt Lake City will witness this sampling for us. Please do not sample before the arrival of Mr. Ninnis who will arrive the day following the receipt of this letter.

Send check covering returns together with copies of settlement sheets to the West End Consolidated Mining Company, Tonopah, Nevada.

Yours very truly,

Secretary.

TM



December 11, 1928

Black & Deason,  
165 So. West Temple St.,  
Salt Lake City, Utah.

Gentlemen:

We shipped on December 10th, to the American Smelting and Refining Company at their Garfield Plant, carload of ore from our Mabel Mine, our Lot No. 96, in car SP-29328.

This ore is to be sampled once at the plant of the Utah Ore Sampling Company and crushed to pass one inch mesh.

Will you please watch this sampling for us with our Mr. Ninnis who will arrive the day following the receipt of this letter.

Yours very truly,

Secretary.

TM



Voucher No. 05 Mo. Jan., 1923.

For

Lot 86, Mabel Crude

1923.63

AMERICAN SMELTING & REFINING CO.  
GARFIELD, UTAH

*The endorsement by the payee of the  
detached draft constitutes a receipt  
in full for the items listed hereon.*

DETACH BEFORE DEPOSITING DRAFT AND RETAIN





# Nabel Pot 96

		<u>Am.</u>	<u>Ag.</u>
1 <sup>st</sup> Sampling	Orig. -	$\frac{(6.41)}{6.71}$	$\frac{(13.1)}{13.4}$
	Dup. -	$\frac{6.63}{6.56}$	$\frac{13.4}{13.4}$
2 <sup>nd</sup>	" Orig -	$\frac{(8.35)}{8.45}$	$\frac{(13.6)}{13.6}$
	Dup. -	$\frac{7.05}{(6.93)}$	$\frac{13.5}{(12.8)}$
1 <sup>st</sup> Sampling	Ar. B+D -	6.67	13.4
"	" " ASVR -	6.485	13.25
		$\frac{2}{13.155}$	$\frac{2}{26.65}$
		6.577	13.32
2 <sup>nd</sup>	" " B+D -	7.75	13.55
"	" " ASVR -	7.64	13.2
		$\frac{2}{15.39}$	$\frac{2}{26.75}$
		7.69	13.37
Av. B+D -		7.21	13.47
A. ASVR -		7.06	13.2
Average		7.135	13.335



## AMERICAN SMELTING AND REFINING CO.

GARFIELD PLANT

GARFIELD, UTAH, Jan. 7, 1929.

BOUGHT OF West End Mg. Co.

MINE Mabel

LOT No. 97

SAMPLED BY GP

CLASS Crude

SHIPPING POINT Mina, Nevada.

QUOTATIONS OF 12-21-28 SILVER 57.125

LEAD

COPPER

ASSAYS	GOLD OZ. PER TON	SILVER OZ. PER TON	LEAD PER CENT	COPPER PER CENT	INSOL. PER CENT	ZINC PER CENT	SULPHUR PER CENT	ARSENIC PER CENT	IRON PER CENT		
A. S. & R. CO.	O 1.88	78.6		.20							
	D 1.81	80.3		.22							
UMPIRE											
SETTLEMENT ASSAY	1.845	79.45		.21							

CAR INITIAL	NUMBER	WEIGHT	VALUES PER TON				DEDUCTIONS PER TON			
UP	63397		GOLD	@	19.00	35.06	BASE			
			SILVER, 95%	@	57.125	43.12				
			LEAD, LESS	- 90% @						
			COPPER, LESS	@						
						78.18				
							INSOLUBLE	% @		
							ZINC	% @		
							SULPHUR	% @		
							DEBIT			
WEIGHT OF LOT		1089					IRON	% @		
WEIGHT OF 12 SACKS		17								
WET WEIGHT		1072								
LESS MOISTURE 1.2 %		12								
			LESS TOTAL DEDUCTIONS				8.00	TOTAL DEDUCTIONS		8.00

DRY WEIGHT 1060 @ \$ 70.18 PER TON \$ 37.20

FREIGHT ADVANCED @ 2.50 (Mina to Thompson, Nev.) 1.36

ADVANCES

SAMPLING

CHECKED

UMPIRE

CORRECT

ASSAYING

Rates, except on contracts, subject to change  
without notice.

MEM

NET PROCEEDS

\$ 35.84



AMERICAN SMELTING & REFINING CO.  
GARFIELD PLANT

DEC 21 1928

19

	Lot No.	NAME	Gold Ounces per ton	Silver Ounces per ton	Copper per cent	Insol- uble per cent	Zinc per cent	Sulphur per cent	Arsenic per cent	Speiss per cent	Iron per cent	Lime per cent	Lead per cent
G. S. Co.	97	West Cid May. D	1.88	78.6	0 <sup>20</sup> / <sub>—</sub>								
		H	1.81	80.3	0 <sup>22</sup> / <sub>—</sub>								
Mine		<u>17 sacks</u>											

C. A. Bredenhorn

Sampled by **GARFIELD**

C. A. Bedenkov

F. Crane

Chief Chemist



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Mabel Mine Ore Lot No. 97

Leasers No. 6

LESSOR: Owen Clark

ASSAYS:

Gold 1.846<sup>✓</sup> Ozs. at \$20.6718

38.14<sup>✓</sup>

Silver 79.45<sup>✓</sup> Ozs. at .57125<sup>✓</sup>

45.39<sup>✓</sup>

Lead

Gross Value per ton

83.53

Net Returns from Smelter

35.84<sup>✓</sup>

Less Hauling .5445<sup>✓</sup> wet tons @ 5.00 per ton  
from Mabel Mine to Mina

2.72<sup>✓</sup>

Net Returns

33.12<sup>✓</sup>

Less Royalty to West End Cons. Mng. Co. @ 43.41%

14.38<sup>✓</sup>

Net Amount Due Leaser

18.74

Less Bill No.

Less Advance

Royalty Rate Computed as follows:

Gross Value per ton  
Royalty on Ore of

83.53

25.00

per ton

20.00%

Value per ton in excess of \$25.00 58.53

0.4% additional for each 1.00

Value above 25.00 per ton

.4%

23.41

23.41

Additional Royalty

43.41

approved

See



## DAILY ASSAY REPORT

B. & D Pulp. #85-

[illegible]



## WEIGHT AND MOISTURE CERTIFICATE

Lot No. 85 cr

SHIPPER West End Con

SAMPLED BY Utah Pre Sampling Co

[illegible]

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition
-----	-----------------	-----------

Total Net Weight

Moisture ..... Per Cent

**Total Net Dry Weight**

Weather *Snow*

Remarks:

S. Stauffer



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, Jan. 3rd, 1928

NAME **West End Con.**

LOT NO. **85**

SAMPLED BY **UOS**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>54</b> <b>0.56</b>	<b>43.9</b> <b>44.2</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS



165 SO. WEST TEMPLE ST.

# CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH.

Jan. 3rd, 1928

NAME West End Con.

LOT NO. 85

SAMPLED BY

UOS

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
0.56	44.2				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ 3

*Black & Deason* ASSAYERS



# UTAH ORE SAMPLING COMPANY

7810

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 85

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
UP 63481	134380	46120	88260	SP 44734
Released to Garfield via OSL				

Total Wet Weight

lbs.

Sampling  
Assaying

39.72

Sacks

lbs.

Net Weight of Ore,

88260

lbs.

Moisture 2.55

%

2250

lbs.

Dry Weight of Ore,

86010

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

JAN 3 - 1928

Per

G. J. Hinderson







165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WA 1214

# BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, Jan. 14, 1928

NAME **West End Con.**

LOT NO. **86**

SAMPLED BY **W. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>0.86</b>	<b>53.9</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WA 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, Jan. 14, 1928

NAME West End Con.LOT NO. 86SAMPLED BY U. O. S.

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<u>87</u> <u>0.86</u>	<u>53.6</u> <u>53.9</u>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

Black & Deason

ASSAYERS



# UTAH ORE SAMPLING COMPANY

7924

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 86

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 46636	150380	47000	103380	SP 46636
Released to Garfield via OSL.				

Total Wet Weight lbs.

Sampling 46.52  
Assaying

Sacks lbs.

Net Weight of Ore, 103380 lbs.

Moisture 1.1 % 1138 lbs.

Dry Weight of Ore, 102242

Salt Lake City, Utah

JAN 14 1928

UTAH ORE SAMPLING COMPANY

Per G. J. Middleton



Jan 14, 1928

SAMPLED BY *Utah Ore Sampling Co*

[illegible]

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition

**Total Net Weight**

103380

Moisture 12Per Cent 1137

102243

### Total Net Dry Weight

Weather *fair*  
Remarks:

S. J. Stauffer



[illegible]



SAMUEL GILLARD  
SUPERVISION OF ORE SAMPLING  
SALT LAKE CITY UTAH

# SAMPLING REPORT SHEET

ORE

LOT

SAMPLER

DATE REPORTED

*West End Mining Co.*

*87*

*GARFIELD SMELTER*

*JAN 18 1928*

CAR INITIAL	CAR NUMBER	DATE SHIPPED	DATE WEIGHED		WEIGHTS, POUNDS			PER CENT MOISTURE	DATE SAMPLED	
			IN	OUT	GROSS	TARE	NET		MILL	BUCKING ROOM
<i>L.P.</i>	<i>130698</i>		<i>1/14</i>	<i>1/18</i>	<i>3285</i>	<i>1 7/8 Sacks 34</i>	<i>3251</i>	<i>1.3</i>	<i>JAN 17 1928</i>	<i>JAN 18 1928</i>

ASSAYED BY:

NET WET WEIGHT OF ORE: *3251* POUNDS

BY:

AVERAGE MOISTURE *1.3* PER CENT.

*42*

*"263"*

DATE:

NET DRY WEIGHT OF ORE: *3208*

*737*

INSPECTOR

CHARGES

NOTES

*S. Gillard*

# UTAH ORE SAMPLING COMPANY

7924

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 86

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 46636	150380	47000	103380	SP 46636
	Released to Garfield via OSL.			

Total Wet Weight lbs.

Sampling Assaying 46.52

Sacks lbs.

Net Weight of Ore, 103380 lbs.

Moisture 1.1 % 1138 lbs.

Dry Weight of Ore, 102242

Salt Lake City, Utah

JAN 14 1928

UTAH ORE SAMPLING COMPANY

Per *G. J. Middleton*



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Mabel Mine Ore Lot No. 87 Leasers No. 1

H.A. Montrose

LESSOR: ~~Andy Schmidt~~

ASSAYS:

Gold .98 Ozs. at \$20.6718

20.26

Silver 82.92 Ozs. at .265

46.87

Gross Value per ton

67.13

Net Returns from Smelter

82.32

Less Hauling 1.6425 wet tons @ 5.00 per ton  
from Mabel Mine to Mina

8.21

Net Returns

74.11

Less Royalty to West End Cons. Mng. Co. @ 36.85%

27.31

Net Amount Due Leaser

46.80

Royalty Rate Computed as follows:

Gross Value Per ton  
Royalty on ore of

67.13

25.00 per ton

20.00%

Value per ton in excess of \$25.00  
0.4% additional for each 1.00

42.13

> 0.4%

Value above \$25.00 per ton

16.852%

Additional Royalty

16.85%  
36.85%



1554.31  
1611.01  
3165.32

WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Mabel Mine Ore Lot No.89

Leasers Lot No.3

LESSOR: Andy Schmidt + Hash

ASSAYS:

Gold	1.96 ✓	Ozs. at \$20.6718	40.52 ✓
Silver	74.00	Ozs. at .5675 ✓	<u>42.00</u> ✓
Gross Value per ton			82.52 ✓

Net Returns from Smelter	2568.03 ✓
--------------------------	-----------

Less Hauling 4Q1695 wet tons @ 5.00 per ton from Mabel Mine to Mina	200.85 ✓
Net Returns	<u>2367.18</u> ✓

Less Royalty to West End Cons.Mng.Co. @ 43.01%	<u>1018.00</u> ✓
--	------------------

Net Amount Due Leasers	1349.00 ✓
------------------------	-----------

Less Bill No. 7424 - \$3<sup>50</sup> + No. 1-107 \$4<sup>00</sup> 7.50

1341.50  
670.78

Royalty Rate Computed as follows:

Gross Value per ton	\$82.52 ✓	
Royalty on ore of	<u>25.00</u> Per Ton	20.00% ✓
Value per ton in excess of \$25.00	57.52 ✓	
0.4% additional for each 1.00	0.4% ✓	
Value above \$25.00 per ton	<u>23.008</u> or 23.01% ✓	
Additional Royalty		<u>23.01</u> ✓
		43.01% ✓



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, Jan. 19, 1928

NAME **West End Con.**

LOT NO. **87 Original**

SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
0.98 0.98	82.7 83.2				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ 4

*Black & Deason*

ASSAYERS

# WEST END CONSOLIDATED MINING COMPANY

## ORE SETTLEMENT

TONOPAH, NEVADA,

FOR ACCT. OF

Mill Lot No.

Shipper's Lot No. 87

ASSAYS:

Gold .98 Ozs. at \$20.00

Silver 82.95 Ozs. at 565

Gross value per ton

Less Loss in Milling 5 per cent

Net value per ton

Wet weight of ore 3251 lbs.

Less Moisture 1.370 43 "

Dry weight of ore 3208 " at 631435 per ton

Milling: 1.604 dry tons at 8.00 12.83

Hauling 1.6425 wet tons at 1.90 3.12

NET RETURNS

~~Less Hauling~~ Less Hauling @ 500 per ton

Less Royalty to West End Cons. Mng. Co. @ 37%

New York Silver Quotation of 56 1/2¢

Date of sampling 1/19/28

APPROVED:

Secretary.

20.26  
46.87  
67.13

19.6000

46.8668

66.4668

3.3233

63.1435

101.28

18.95

82.33

8.21

74.12

27.42

46.70



SAMUEL GILLARD  
SUPERVISION OF ORE SAMPLING  
SALT LAKE CITY UTAH

SAMPLING REPORT SHEET

JAN 19 1928

ORE

LOT

SAMPLER

DATE REPORTED

*West End Mining Co*

*89*

**GARFIELD SMELTER**

**JAN 19 1928**

CAR INITIAL	CAR NUMBER	DATE SHIPPED	DATE WEIGHED		WEIGHTS, POUNDS			PER CENT MOISTURE	DATE SAMPLED	
			IN	OUT	GROSS	TARE	NET		MILL	BUCKING ROOM
<i>W.P.</i>	<i>130698</i>		<i>1/14</i>	<i>1/18</i>	<i>134420</i>	<i>44280</i>	<i>90140</i>			
					<i>less sacked ore</i>		<i>9801</i>			
							<i>80339</i>	<i>4.5</i>	<b>JAN 18 1928</b>	<b>JAN 19 1928</b>

ASSAYED BY:

NET WET WEIGHT OF ORE: *80339* POUNDS

BY:

AVERAGE MOISTURE *4.5* PER CENT. *3615*

*255*

DATE:

NET DRY WEIGHT OF ORE: *76723*

INSPECTOR

CHARGES

NOTES

*Gillard*



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Mabel Mine Ore Lot No. 87

Leaser's No.1

LESSOR: H. A. Montrose

ASSAYS:

Gold	.98 Ozs. at \$20.6718	20.26
Silver	82.95 Ozs. at .565	<u>46.87</u>
	Gross Value per ton	67.13

Net Returns from Smelter	82.32
--------------------------	-------

Less Hauling 1.6425 wet tons @ 5.00 per ton from Mabel Mine to Mina	<u>8.21</u>
--	-------------

Net Returns	74.11
-------------	-------

Less Royalty to West End Cons. Mng. Co. @ 36.85%	<u>27.31</u>
--	--------------

Net Amount Due Leaser	46.80
-----------------------	-------

Royalty Rate Computed as follows:

Gross Value per ton	67.13	
Royalty on ore of	<u>25.00</u> , per ton	20.00%

Value per ton in excess of \$25.00-	42.13
-------------------------------------	-------

0.4% Additional for each 1.00 value above \$25.00 per ton	<u>0.4%</u>
--	-------------

16.852%

Additional Royalty	<u>16.85%</u>
--------------------	---------------

Total Royalty	36.85%
---------------	--------

APPROVED:

W. D. Buchanan,

Secretary.





# WEIGHT AND MOISTURE CERTIFICATE

Lot No. 90

Feb 4, 1928

SHIPPER West End Con

SAMPLED BY Utah Ore Sampling Co

Received		Sampled		FROM CARS		LOADED IN CARS		Moisture	Gross Weight			Tare			Net Weight		
				Initials	Numbers	Initials	Numbers										
2	2	2	3	R.G.	41878	R.G.	41878	21	16	1	60	430	40	118	120		

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition

Total Net Weight

Moisture 21 Per Cent

Total Net Dry Weight

118120  
2480  
115640

Weather Fair

Remarks:

S. J. Stauffer



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE W 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH,

Feb. 4, 1928

NAME West End Con.LOT NO. 90

SAMPLED BY

U. O. S.

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.27 1.29	56.5 56.9				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

3Black & Deason

ASSAYERS

165 S. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH,

Jan. 20, 1928

NAME **West End Con.**LOT NO. **88 Original**SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.31	100.5				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, Jan. 20, 1928

NAME West End Con.

LOT NO. 89 Original

SAMPLED BY Garfield

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.97	74.2				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS

## SAMPLING REPORT SHEET

[illegible]



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Mabel Mine Ore Lot No. 48  
Leasers No. 2

LESSOR: ~~Andy Schmidt~~ Halenber & Nelson

ASSAYS:

Gold 1.305✓ Ozs. at \$20.6718

Silver 100.1✓ Ozs. at .565✓

Gross Value per ton

26.98✓

56.56✓

83.54✓

Net Returns from Smelter

213.47✓

Less Hauling 3.238✓ wet tons @ 5.00 per ton  
from Mabel Mine to Kina

16.29✓

Net Returns

197.18✓

Less Royalty to West End Cons. Mng. Co. @ 43.42%

85.62✓

Net Amount Due Leaser

111.56✓

Less Bill #7423, \$21.24 and Bill No. 1-108, \$44.47

65.71

45.85✓

Royalty Rate Computed as follows:

Gross Value Per ton  
Royalty on ore of

83.54✓

25.00 per ton

20.00%✓

Value per ton in excess of \$25.00  
0.4% additional for each 1.00  
Value above \$25.00 per ton

58.54

.04%

23.42%

Additional Royalty

23.42%✓

43.42%✓

# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8129

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 90

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
RG 41878	161160	43040	118120	RG 41878
	Released to Garfield via OSL.			

Total Wet Weight

lbs.

Sampling

53.15

Assaying

Sacks

lbs.

Net Weight of Ore,

118120

lbs.

Moisture

2.1

2480

lbs.

Dry Weight of Ore,

115640

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

FEB 4 - 1928

Per

A. J. Widdison



# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8129

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 90

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
RG 41878	161160	43040	118120	RG 41878
Released to Garfield via OSL.				

Total Wet Weight lbs.

Sampling Assaying 53.15

Sacks lbs.

Net Weight of Ore, 118120 lbs.

Moisture 2.1 % 2480 lbs.

Dry Weight of Ore, 115640

Salt Lake City, Utah

FEB 4 - 1928

UTAH ORE SAMPLING COMPANY

Per

A. J. Widdison

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH. April 1st, 1928

H. D. Budelman, Vice Pres.  
West End Con Mining Co..  
Tonopah, Nevada.

Dear Sir:-

We have original and duplicate pulps on the 2nd resampling and original and duplicate pulps on the 3rd resampling of lot 91 made by The Utah Ore Sampling Co. on March 28th but, while under the conditions here we felt called on to put you to the expense of again having Mr. Stauffer look after this sampling, we do not care to assay these pulps without instructions from you altho will say that it looks as tho that is the only thing to do.

We do not know about the 2nd resampling but Mr. Bidwell told us the 3rd resampling ran the highest of all running a little over two ounces. Kindly let us hear from you in regard to these four pulps as the lot has been sent back to the Garfield Plant for resampling by them.

In the case of lot 93, sampled yesterday but pulps not received as yet, the Utah O.S. Co. first put the entire lot thru a Simon Cone crusher crushing it to 1/4 inch returning it to the car shipped in and then running it thru the sample in the regular manner. They are certainly on edge in regard to your ore.

Under the conditions it looks to us as tho we should assay all the pulps given to us on lot 91 as it looks as tho they will all be used. Kindly advise us in regard to this matter.

Very truly yours,

Black & Deason  
Wm A Black



AMERICAN SMELTING & REFINING CO.

UTAH DEPARTMENT  
SALT LAKE CITY, UTAH

April 19, 1928.

Mr. H.D. Budelman,  
General Manager,  
West End Consolidated Mining Company,  
Tonopah, Nevada

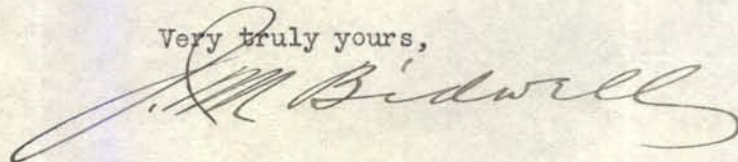
Dear Sir:

We received your letter of the 12th inst. after we had wired you, asking if it would be satisfactory to you to make final settlement on your Lot 91 on basis of assays on the first sample made at the Utah Ore Sampling Company's mill. The 16th was a holiday here (Arbor Day), and after receiving telegram from San Francisco, signed West End Consolidated Mining Company, stating that your company was willing to do this provided we would absorb any extra expense incurred by your company account of watching assaying because of resampling of this lot, we at once requested the plant to make settlement on this basis.

The results of sampling this lot have been very puzzling to us and we are unable to account for the differences, particularly the value reported on the third sampling at the Utah Ore Sampling Company's plant. Upon receipt of the ore at Garfield, after the last sampling by the Utah Ore Sampling Company, it was very carefully sampled again and our results were : 1.43 ounces gold and 59.05 ounces silver. Other lots from you have checked out fairly close. There must be something very peculiar in the make-up of the gold.

We appreciate your patience in this matter and hope we shall not have any more troubles like this has been.

Very truly yours,



JMB'S



AMERICAN SMELTING & REFINING CO.

UTAH DEPARTMENT  
SALT LAKE CITY, UTAH

March 13, 1928.

Mr. H.D. Budelman,  
Vice President & General Manager,  
West End Consolidated Mining Company,  
Tonopah, Nevada

Dear Sir:

Your telegram of the 12th received this morning,  
reading as follows:

"Resample our lot ninety one notify Black and Deason  
be present."

We have arranged with Black & Deason to witness  
the sampling and this lot will be re-sampled without delay.

Very truly yours,



JMB'S

cc R.W. Senger



# UTAH ORE SAMPLING COMPANY

8551

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Third Sampling

Lot No. 91 Class

INTO CAR	GROSS	TARE	NET	FROM CAR
RG 40114	138080	43580	94500	RG 40114
	Released to Garfield via RG			

Total Wet Weight lbs.

Sampling  
Assaying

Sacks lbs.

Net Weight of Ore, 94500 lbs.

Moisture 3.0 % 2836 lbs.

Dry Weight of Ore, 91664

Salt Lake City, Utah

MAR 29 1928

UTAH ORE SAMPLING COMPANY

Per G. J. Widdison



## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH. March 28th, 1928

West End Con. Mining Co.  
H.D. Budelman, Vice Pres.  
Tonopah, Nevada.

Dear Sir:-

As whatever arrangements have been made in regard to West End Con. lot 91 have been attended to directly between the Garfield Smelting Co. and the West End we have had but little information as to just what was being done. However the Garfield Smelting Co. told us they were having the lot sent back to the Utah Ore Sampling Co., that they would have their man there and asked us to see that some one would be there to represent your company.

We have come to no agreement with them but did, under the circumstances consider it best to have Mr. Stauffer there to represent you.

While out at the Garfield Plant the other day Mr Deason talked with their sampling man as to the way they handled your lots and so I, Black, decided to go to the Utah Ore Sampling Co. plant to day to see them sample this lot 91.

The Utah Ore Sampling plant is certainly up to date which ofcourse it should be as it is practically a new plant. Every employee is on edge because of the difficulty they are expecting all the time to have with you lots. Whether or not results will show it on your ore they certainly have the equipment and they certainly do an extra amount of cleaning and mixing when handling your lots.

I hope to be out your way in the course of the next month or two and then can talk with you and answer, as far as I may be able, any questions you may have in mind in regard to the handling of your shipments at this end.

Very truly yours,

Wm A Black



# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8285

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 91

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 91901	144660	46840	97820	SP 91901
Released to Garfield via OSL.				

Total Wet Weight

lbs.

Sampling  
Assaying

44.02

Sacks

lbs.

Net Weight of Ore,

97820

lbs.

Moisture 1.85

%

1810

lbs.

Dry Weight of Ore,

96010

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

FEB 23 1928

Per

*A. J. Widdison*

# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8285

Shipper West End Cons. Mining Co.  
Mabel Mine

Lot No. 91

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 91901	144660	46840	97820	SP 91901
Released to Garfield via OSL.				

Total Wet Weight

lbs.

Sampling  
Assaying

44.02

Sacks

lbs.

Net Weight of Ore,

97820

lbs.

Moisture 1.85

%

1810

lbs.

Dry Weight of Ore,

96010

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

FEB 23 1928

Per

*A. J. Widdison*



## WEIGHT AND MOISTURE CERTIFICATE

Lot No. 91 cr

SHIPPER West-End Con

SAMPLED BY Utah Ore Sampling Co. , 1928 Feb-23

[illegible]

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition
-----	-----------------	-----------

**Total Net Weight**

Moisture ..... Per Cent

### Total Net Dry Weight

Weather Variable

Remarks:

S. J. Stauffer

# BLACK & DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH, April 9, 1928

West End Con. Mining Co.,  
Tonopah, Nevada.

Gentlemen:

We are mailing certificates on your Lot 91, 2nd and 3rd resamplings. Mr. Bosworth, the settlement clerk at Garfield, said his boss would deal with you direct and no umpires were ordered on these samples.

Very truly yours,

*Black & Deason*

BWD:TLB



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **March 19th, 1928**

LOT NO. **91 Duplicate**

SAMPLED BY **Garfield**

**Resample**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.30</b>	<b>60.2</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ **3**

*Black & Deason* ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH,

Feb. 27, 1928

NAME West End Con.

LOT NO. 91 Duplicate

SAMPLED BY U. O. S.

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.88	62.0				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

3

Black & Deason

ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 6, 1928**

LOT NO. **91 Original**  
**Third Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>2.30</b>	<b>61.9</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 6, 1928**

LOT NO. **91 Original**  
**Second Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.61	61.0				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 6, 1928**

LOT NO **91 Duplicate**  
**Second Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.55</b>	<b>61.2</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

165 S. WEST TEMPLE ST.

# CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, **March 16th, 1928**

NAME **West End Con.**

LOT No. **91 Original**

SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—OZS.	SILVER—OZS.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.20</b>	<b>60.0</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE. \$ **3**

*Black & Deason* ASSAYERS



# WEIGHT AND MOISTURE CERTIFICATE

Lot No. 91 Re Sample

March 30, 1928

SHIPPER West-End Con

SAMPLED BY W. H. Re Sampling Co

Received		Sampled		FROM CARS		LOADED IN CARS		Moisture	Gross Weight		Tare		Net Weight	
				Initials	Numbers	Initials	Numbers							
3	27	3	28	R.G.	40114			30	1380	80	4358	10	9450	00

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition

Total Net Weight

Moisture 30

Per Cent

Total Net Dry Weight

94500  
2835  
91665

Weather Snow

Remarks:

S. J. Stauffer

TELEPHONE WASATCH 1199

# UMPIRE ASSAY

Mine West End

Con. Serial 87657-

ASSAY CERTIFICATE

UNION ASSAY OFFICE, INC.

M. S. HANAUER, Pres.  
J. V. SADLER, V.-Pres. & Treas.  
A. C. SELBY, Secretary

Salt Lake City, Utah

RESULTS PER TON OF 2000 POUNDS

March 8, 1928

LOT	CLASS	GOLD Ozs. per Ton	SILVER Ozs. per Ton	LEAD Wet on Button	COPPER Per Cent. Wet	INSOL. Per Cent.	ZINC Per Cent.	SULPHUR Per Cent.	SPEISS Per Cent.	IRON Per Cent.	LIME Per Cent.	Per Cent.
92-Original		0.900										

Remarks \_\_\_\_\_

Sampled By UOSCo.

Charges \$ 3.00

*J. V. Sadler*



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 6, 1928**

LOT NO. **91 Duplicate**  
**Third Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.76</b>	<b>60.9</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

Lot No. 92.....

Mar 4

1928

SHIPPER West End Cor

SAMPLED BY Utah Ore Sampling Co

[illegible]

## SACKS

NO

WEIGHT

### CONDITION

TOTAL NET WEIGHT

MOISTURE.....PER CENT

PER CENT

TOTAL NET DRY WEIGHT

Weather \_\_\_\_\_

Remarks:

St. Stauffer



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 6, 1928**

LOT NO. **91 Original**  
**Second Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.60 1.61	60.4 61.0				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

April 6, 1928

LOT NO. **91 Original**  
**Third Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
2.17	61.6				
2.30	61.9				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 6, 1928**

LOT NO. **91 Duplicate**  
**Second Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.52	61.1				
1.55	61.2				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

\_\_\_\_\_  
ASSAYERS

165 S. WEST TEMPLE ST.

# CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, **March 16th, 1928**

NAME **West End Con.**

LOT NO. **91 Original**

SAMPLED BY **Garfield**

ASSAY PER TON OF 2,000 POUNDS

GOLD—OZS.	SILVER—OZS.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.16 1.20	59.4 60.0				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ **3**

*Black & Deason* ASSAYERS



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH **March 19th, 1928**LOT NO. **91 Duplicate**SAMPLED BY **Garfield****Resample**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.26	59.8				
1.30	60.2				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

**3***Black & Deason*

ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 6, 1928**

LOT NO. **91 Duplicate**  
**Third Sampling**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.75 1.76	61.1 60.9				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH. **Feb. 23, 1928**

LOT NO. **91**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.40</b>	<b>61.2</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS

			Oz. Au.	Oz. Ag.
1 <sup>st</sup> Sampling	ORIGINAL	B+D.	140	612
U.O.S.	2/23/28	AS+R.	141	615
	DUPLICATE	B+D	188	620
		A.S+R.	189	618
	Average.		1645	61625

2nd Sampling	ORIGINAL	B+D	161	610
U.O.S.	3/30/28	AS+R	160	604
	DUPLICATE	B+D	155	612
		AS+R	152	611
	Average		157	60925

3rd Sampling	ORIGINAL	B+D	230	619
U.O.S		AS+R	217	616
	DUPLICATE	B+D	176	611
		AS+R	175	609
	Average		1995	61375

Average of 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> U.O.S 1737-✓ 61308-

2nd Sampling	ORIGINAL	B+D	120	594
Garfield		AS+R	116	600
	DUPLICATE	B+D	130	602
		AS+R	126	598
	Average		123	5985

Average<sup>2</sup> 1, 2 & 3 U.O.S + #2 Garfield 161 60944-

1 <sup>st</sup> Sampling	Original		141	
B+D Not Present.	Duplicate		134	Amalg-ASR 13025
		Average	1375	
	Average of All Assays		1584	



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH, **Feb. 23, 1928**

LOT NO. **91**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—OZS.	SILVER—OZS.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.41</b> <b>1.40</b>	<b>61.5</b> <b>61.2</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH,

Feb. 27, 1928

NAME **West End Con.**

LOT NO. **91 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.89 1.88	61.8 62.0				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

**3**

*Black & Deason*

ASSAYERS



# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8567

Shipper West End Cons. Mining Co. Lot No. 93 Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 92087	131820	46900	84920	SP 92087
Released to Garfield via O.L.				

Total Wet Weight lbs. Sampling 38.21

Assaying

Sacks lbs.

Net Weight of Ore, 84920 lbs.

Moisture 2.15 % 1826 lbs.

Dry Weight of Ore, 83094

Salt Lake City, Utah APR 2 - 1928

UTAH ORE SAMPLING COMPANY

Per Clarence Sawyer

# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

8567

Shipper West End Cons. Mining Co.

Lot No. 93

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 92087	131820	46900	84920	SP 92087
Released to Garfield via O.L.				

Total Wet Weight

lbs.

Sampling

38.21

Assaying

Sacks

lbs.

Net Weight of Ore,

84920

lbs.

Moisture 2.15

%

1826

lbs.

Dry Weight of Ore,

83094

Salt Lake City, Utah

APR 2 - 1928

UTAH ORE SAMPLING COMPANY

Per

Clarence Sawyer



# UTAH ORE SAMPLING COMPANY

8371

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.

Lot No. 92

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
SP 46816	135120	46660	88460	SP 46816
Released to Garfield via OSL.				

Total Wet Weight

lbs.

Sampling  
Assaying

39.81

Sacks

lbs.

Net Weight of Ore,

88460

lbs.

Moisture 1.7

%

1504

lbs.

Dry Weight of Ore,

86956

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

MAR 5 - 1928

Per

A. J. Widdison

## WEIGHT AND MOISTURE CERTIFICATE

Lot No. 93

April, 1928

SHIPPER West End Con

SAMPLED BY Zitah Ore Sampling Co.

[illegible]

Cars and Contents O. K. When Received Unless Noted Otherwise

No.	SACKS Weight	Condition
-----	-----------------	-----------

Total Net Weight

Moisture	215	Per Cent	84.920
			18.26

Total Net Dry Weight

Weather Windy

Remarks:

S. J. Stauffer



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 2, 1928**

LOT NO. **93 Original**

SAMPLED BY **U. S. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.13	37.3				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 5, 1928**

LOT NO. **93 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>1.16</b>	<b>37.5</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 2, 1928**

LOT NO. **93 Original**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.12 1.13	37.1 37.3				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason* ASSAYERS

165 S. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

PHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

SALT LAKE CITY, UTAH, March 5, 1928

NAME West End Con.

LOT NO. 92

SAMPLED BY U. O. S.

ASSAY PER TON OF 2,000 POUNDS

GOLD—OZS.	SILVER—OZS.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
0.90	60.3				
0.96	59.9				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$

Black & Deason ASSAYERS



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

NAME West End Con.

SALT LAKE CITY, UTAH April 5, 1928

LOT NO. 93 Duplicate

SAMPLED BY U. O. S.

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.17	37.4				
1.16	37.5				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS

WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Kabel Mine Ore Lot No. 94

Leasers No. 4

LESSOR: ~~Andy Schmidt~~ *Andy Schmidt*

ASSAYS:

Gold 2.225 Ozs. at \$20.6718

Silver 85.68 Ozs. at .5725

Lead 12.00% → 240 lb @ 6.10

Gross Value per ton

45.99  
49.05  
14.64  

---

109.68

Net Returns from Smelter

1759.89 ✓

Less Hauling 23.130 wet tons @ 5.00 per ton  
from Kabel Mine to Mina

115.65 ✓

Net Returns

1644.24 ✓

Less Royalty to West End Cons. Mng. Co. @ 50.97%

838.07 ✓

Net Amount Due Leaser

806.17 ✓

*Less Billy No. 3-78  
3-82*

2.25  
39.60

41.75

764.42

200.00

564.42

50.00%

Royalty Rate Computed as follows:

*Advance*

Gross Value Per ton

Royalty on ore of

109.68 ✓

100.00 per ton

Value per ton in excess of 100.00

0.1% additional for each 1.00

Value above 100.00 per ton

Additional Royalty

9.68

1.1%

9.68%

1.97%  
50.97%



# UTAH ORE SAMPLING COMPANY

8650

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Mabel Mine, Andy Smith Lease

Lot No. 94

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
UP 63128 Brake End.	92860	46600	46260	SP 16721
Received April 12, sampled April 13, 1928 Released to U.S. via OSL				

Total Wet Weight

lbs.

Sampling  
Assaying

30.07

Sacks

lbs.

Net Weight of Ore,

46260

lbs.

Moisture 3.15

%

1458

lbs.

Dry Weight of Ore,

44802

Salt Lake City, Utah

APR 14 1928

UTAH ORE SAMPLING COMPANY

Per

*Arnold Herlin*



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Kabel Mine Ore Lot No. 94

Leasers No. 4

LESSOR: Andy Schmidt

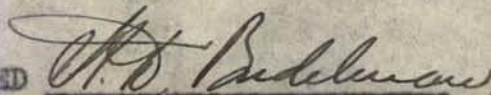
ASSAYS:

Gold	2.225	Ozs. at \$20.6718	45.99
Silver	85.68	Ozs. at .5725	49.05
Lead	12.00%	or 240 lbs. @ 6.10	<u>14.64</u>
		Gross Value per ton	109.68
		Net Returns from Smelter	1759.89
		Less Hauling 23.130 wet tons @ 5.00 per ton from Kabel Mine to Mina	<u>115.65</u>
		Net Returns	1644.24
		Less Royalty to West End Cons. Mng. Co. @ 50.97%	<u>838.07</u>
		Net Amount Due Leaser	806.17
		Less Bill No. 3-78 2.25 3-83 <u>59.50</u>	<u>41.75</u>
			764.42
		Less Advance	<u>200.00</u>
			\$ 564.42

Royalty Rate Computed as follows:

Gross Value per ton	109.68	
Royalty on Ore of	<u>100.00</u> per ton	50.00%
Value per ton in excess of \$100.00	9.68	
0.1% additional for each 1.00		
Value above \$100.00 per ton	<u>.14</u> .968%	
Additional Royalty		<u>.97%</u>
		50.97%

APPROVED

  
Secretary



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT

Kabel Mine Ore Lot No. 94

Leasers No. 4

LESSOR: Andy Schmidt

ASSAYS:

Gold	2.225	Ozs. at \$20.6718	45.99
Silver	85.68	Ozs. at .5725	49.05
Lead	12.00%	or 240 lbs. @ 6.10	<u>14.64</u>
		Gross Value per ton	109.68
Net Returns from Smelter			1759.89
Less Hauling 23.150 wet tons @ 5.00 per ton from Kabel Mine to Mina			<u>115.65</u>
		Net Returns	1644.24
Less Royalty to West End Cons. Mng. Co. @ 50.97%			<u>838.07</u>
		Net Amount Due Leaser	806.17
Less Bill No. 3-78	2.25		
3-83	<u>39.50</u>		<u>41.75</u>
			764.42
Less Advance			<u>200.00</u>
			\$ 564.42

Royalty Rate Computed as follows:

Gross Value per ton	109.68	
Royalty on Ore of	<u>100.00</u> per ton	50.00%
Value per ton in excess of \$100.00	9.68	
0.1% additional for each 1.00		
Value above \$100.00 per ton	<u>.14</u>	
	.968%	
Additional Royalty		<u>.97%</u>
		50.97%

APPROVED

*W. R. Dudenau*  
Secretary



**UNITED STATES SMELTING, REFINING & MINING COMPANY**  
NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah, April 18, 1928

Pay West End Cons. Mining Co. - Tonopah, Nevada

Ore Mabel Mine Lot No. 94 Class \_\_\_\_\_  
 Sampled by U.O.S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	2.17✓	85.0✓		12.05✓	67.8✓	7.1✓		.5✓		
B&D	2.22✓	85.5✓		11.95✓	66.9✓	7.2✓		.3✓		
C&N Umpire	2.24✓									
Settlement Assay	2.225✓	85.68✓		12.00✓	67.35✓	7.15✓		.4✓		

CAR NOS.	WET WEIGHT	METAL VALUE		WORKING CHARGE	
SP 16721		Gold	42 28✓	Treatment	4 26
		Silver	46 60✓	Insoluble	6 74✓
		Copper		Zinc	
		Lead	9 61✓	Sulphur	
		Zinc		Speiss	
Total Wet Weight					
Sacks				Total Debit	11 00
Net Weight	46260✓	Gross Value	98 49✓	Iron	43✓
Less H <sub>2</sub> O	3.15%✓ 1458✓	Less Working Charge	10 57	Net Working Charge	10 57✓

Dry Weight, lbs. 44802✓

Payment for 22.401✓ tons @ 87 92✓ per ton

1969 50✓

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Freight advanced @ 8.50 per ton 196.61✓  
 Assay Charges 8.00  
 Sampling Charges Watching 5.00

209 61✓

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Net Payment

1759 89✓



## UNITED STATES SMELTING, REFINING &amp; MORGAN COMPANY

NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 18, 1928

Pay West End Cons. Mining Co. Tonopah, Nevada

Ore Mabel Mine Lot No. 94 Class \_\_\_\_\_  
 Sampled by U.O.S. Received 4/12 Sampled 4/12 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	3.17	85.0		12.05	67.8	7.1		.5		
B&D	3.22	85.1		11.95	66.9	7.2		.3		
CA&N Umpire	2.24									
Settlement Assay	2.225	85.68		12.00	67.35	7.15		.4		

CAR NO.	WET WEIGHT	METAL VALUE	WORKING CHARGE
SP 16721		Gold 42 28	Treatment 4 26
		Silver 46 60	Insoluble 6 74
		Copper	Zinc
		Lead 9 61	Sulphur
		Zinc	Speiss
Total Wet Weight			
Sacks			
Net Weight 46260		Gross Value 98 49	Total Debit 11 00
Less H <sup>2</sup> O 4.15 % 1458		Less Working Charge 10 37	Iron 43
			Net Working Charge 10 57

Dry Weight, lbs. 44202

Payment for 22.401 tons @ 87 92 per ton 1969 50

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Freight advanced @ 8.50 per ton	196.61	
Assay Charges	8.00	
Sampling Charges <u>watching</u>	5.00	209 61

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Net Payment

1759 89



**UNITED STATES SMELTING, REFINING & MINING COMPANY**  
NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 18, 1928

Pay West End Cons. Mining Co. - Tonopah, Nevada

Ore Mabel Mine Lot No. 94 Class \_\_\_\_\_  
 Sampled by U. S. S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	2.17	85.8		12.05	67.8	7.1		.5		
B&D	2.22	86.7		11.95	65.9	7.2		.3		
C&N Umpire	2.24									
Settlement Assay	2.235	85.68		12.00	67.35	7.15		.4		

CAR NOS	WET WEIGHT	METAL VALUE				WORKING CHARGE			
SP 16721		Gold	42	28		Treatment	4	26	
		Silver	46	50		Insoluble	6	74	
		Copper				Zinc			
		Lead	9	61		Sulphur			
		Zinc				Speiss			
Total Wet Weight									
Sacks									
Net Weight	46260	Gross Value	98	49		Total Debit	11	00	
Less H <sub>2</sub> O	4.15 % 1458	Less Working Charge	10	57		Iron		43	
						Net Working Charge	10	57	

Dry Weight, lbs. 44802

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Payment for 22.461 tons @ 87 92 per ton 1969 50

Freight advanced @ <u>8.50</u> per ton	<u>196.61</u>	
Assay Charges	<u>8.00</u>	
Sampling Charges <u>watching</u>	<u>5.00</u>	<u>209 61</u>

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Net Payment

1759 89



# UNITED STATES SMELTING, REFINING & MILLING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 18, 1928

Pay West End Cons. Mining Co. - Tonopah, Nevada

Ore Mabel Mine Lot No. 94 Class  
 Sampled by U. S. S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. Lead, N. Y. 5.10 Zinc

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
U. S. S. Co.	3.17	82.8		12.05	67.8	7.1		.3		
B&D	2.23	82.9		11.95	66.9	7.2		.3		
CEAN Umpire	2.24									
Settlement Assay	2.225	85.68		12.00	67.35	7.15		.4		

CAR NOS.	WET WEIGHT	METAL VALUE	WORKING CHARGE
SP 16721		Gold 42 23	Treatment 4 26
		Silver 46 60	Insoluble 6 74
		Copper	Zinc
		Lead 9 61	Sulphur
		Zinc	Speiss
Total Wet Weight			
Sacks			
Net Weight 46260		Gross Value 98 49	Total Debit 11 00
Less H <sub>2</sub> O 2.25 % 1458		Less Working Charge 10 57	Iron 43
			Net Working Charge 10 57

Dry Weight, lbs. 44802

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Payment for 22.401 tons @ 87.92 per ton 1969 50

Freight advanced @ 8.50 per ton 196.61

Assay Charges 8.00

Sampling Charges 5.00 209 61

Checked by

Approved by

Net Payment

1759 89



# UNITED STATES SMELTING, REFINING & MILLING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah, April 18, 1928

Pay West End Cons. Mining Co. - Tonopah, Nevada

Ore Habel Mine Lot No. 94 Class \_\_\_\_\_

Sampled by U.O.S. Received 4/12 Sampled 4/13 Assayed 4/14

Metal Quotations—Silver .8725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	1.14	85.0		12.05	67.8	7.1		.5		
BAD	1.14	85.0		11.95	66.9	7.2		.5		
U.S.S. Umpire	2.24									
Settlement Assay	2.225	85.68		12.00	67.35	7.15		.4		

CAR NOS.	WET WEIGHT	METAL VALUE		WORKING CHARGE	
SP 16721		Gold	42.28	Treatment	4.26
		Silver	40.80	Insoluble	6.74
		Copper		Zinc	
		Lead	9.61	Sulphur	
		Zinc		Speiss	
Total Wet Weight					
Sacks				Total Debit	11.00
Net Weight	46260	Gross Value	98.49	Iron	43
Less H <sub>2</sub> O	3.15 % 1450	Less Working Charge	10.57	Net Working Charge	10.57

Dry Weight, lbs. 44802

Payment for 32.401 tons @ 87.92 per ton

1969 50

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Freight advanced @ 8.50 per ton

196.61

Assay Charges

8.00

Sampling Charges

8.00

209 61

Checked by

Approved by

Net Payment

1752 89



## UNITED STATES SMELTING, REFINING &amp; MINING COMPANY

NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 18, 1928

Pay West End Cons. Mining Co., Tonopah, Nevada

Ore Nabel Mine Lot No. 94 Class \_\_\_\_\_  
 Sampled by H.D.S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .8725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	8.17	88.8		12.05	67.8	7.1		.5		
B&D	8.55	88.1		11.95	66.9	7.2		.5		
C&N Umpire	2.34									
Settlement Assay	2.225	85.68		12.00	67.38	7.10		.4		

CAR NOS.	WET WEIGHT	METAL VALUE	WORKING CHARGE
SP 16721		Gold 42.28	Treatment 4.26
		Silver 46.50	Insoluble 6.74
		Copper 9.61	Zinc
		Lead	Sulphur
		Zinc	Speiss
Total Wet Weight			
Sacks			
Net Weight 46260		Gross Value 98.49	Total Debit 11.00
Less H <sub>2</sub> O 8.15% 1458		Less Working Charge 10.57	Iron 43
			Net Working Charge 10.57

Dry Weight, lbs. 44802

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Payment for 22.401 tons @ 87.92 per ton 1969.50

Freight advanced @ 8.80 per ton 196.61

Assay Charges 8.00

Sampling Charges 8.00

209.61

Checked by

Approved by

Net Payment

1759.89



# WEIGHT AND MOISTURE CERTIFICATE

Lot No. 94 Andy Smith's

April 15

1928

SHIPPER West End Con

SAMPLED BY Utah Air Sampling Co

RECEIVED		SAMPLED		FROM CARS		LOADED IN CARS		MOISTURE	GROSS WEIGHT		TARE	NET WEIGHT	
				INITIALS	NUMBERS	INITIALS	NUMBERS						
4	12	4	13	S.P.	16721	U.P.	63128	3 15	92860		46600	46260	

CARS AND CONTENTS O. K. WHEN RECEIVED UNLESS NOTED OTHERWISE

SACKS		
NO	WEIGHT	CONDITION

TOTAL NET WEIGHT

46260

MOISTURE 3.5 PER CENT

1458

TOTAL NET DRY WEIGHT

44802

Weather Clear

Remarks: Offs' Brake End

this lot sampled first.

S

S. J. Stauffer



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 14, 1928**

LOT NO. **94 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
2.17	86.0				
2.23	86.1				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 14, 1928**

LOT NO. **94 Original**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>2.22</b>	<b>85.6</b>	<b>13.2</b>			
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
<b>66.9</b>	<b>None</b>	<b>0.3</b>	<b>7.2</b>		

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**

SALT LAKE CITY, UTAH

April 14, 1928

LOT NO. **94 Original**SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
2.17 2.22	85.0 85.6	13.3 13.2			
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
67.8 66.9	None None	0.5 0.3	7.1 7.2		

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS, 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH

**April 14, 1928**

LOT NO. **94 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>2.23</b>	<b>86.1</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS



C. C. CRISMON,  
President and Manager

F. J. NICHOLS,  
Vice-President

R. R. CASTO,  
Secretary-Treasurer

# CRISMON & NICHOLS

## ASSAYERS AND CHEMISTS

229-231 SO. WEST TEMPLE ST.

Phone Was. 2393

*Salt Lake City, Utah,* April 17, 1928.

NAME West End Cons.

WEIGHT..... Orig. & Dup.  
Mixed

CLASS..... LOT NO. 94

SAMPLED BY Utah Ore Sampling Co.

### UMPIRE ASSAY PER TON 2000 POUNDS

GOLD-Ozs.	SILVER-Ozs.	LEAD-Per cent Wet on Fire	COPPER-Per cent
2.24			
Per cent SILICA    INSOL.	IRON-Per cent	ZINC-Per cent	SULPHUR-Per cent
SPEISS-Per cent	LIME-Per cent	MANGANESE Per cent	Per cent

CHARGES \$ 3.00

*Crison & Nichols*

WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT 95-

Kabel Mine Ore Lot No. 5

LESSOR: ~~Andy Schmidt~~

*Salisbury & Nelson*

ASSAYS:

Gold 2.03 Ozs. at \$20.6718

41.96

46.49

17.39

Silver 79.45 Ozs. at 57.25

Lead 14.25% or 285 lbs @ 6.10

Gross Value per ton

104.84

Net Returns from Smelter

1319.49 ✓

Less Hauling 18.510 wet tons @ 5.00 per ton  
from Kabel Mine to Mina

92.55 ✓

Net Returns

1226.94 ✓

Less Royalty to West End Cons. Mng. Co. @ 50.48%

619.36 ✓

Net Amount Due Leaser

607.58 ✓

*Less Bill No.*  
2-95  
3-79  
4-41

27.08  
42.92  
4.75

74.75

532.83

Royalty Rate Computed as follows:

Gross Value Per ton  
Royalty on ore of

104.84

100.00 per ton

50.00%

Value per ton in excess of \$25.00

0.1% additional for each 1.00

Value above \$25.00 per ton

*100.00*

Additional Royalty

4.84

1%

48.40%

48%

50.48%



# WEIGHT AND MOISTURE CERTIFICATE

Lot No. 95 Nelson + Talliber Lease

April 15

1928

SHIPPER West End Con

SAMPLED BY Utah Ore Sampling Co

RECEIVED		SAMPLED		FROM CARS		LOADED IN CARS		MOISTURE		GROSS WEIGHT		TARE		NET WEIGHT	
				INITIALS	NUMBERS	INITIALS	NUMBERS								
4	12	4	13	S.P.	16721	W.P.	63128	3	55	1129880		92860		37020	

CARS AND CONTENTS O. K. WHEN RECEIVED UNLESS NOTED OTHERWISE

SACKS

NO

WEIGHT

CONDITION

TOTAL NET WEIGHT

MOISTURE 355 PER CENT

TOTAL NET DRY WEIGHT

37020

1314

35706

Weather

Remarks:

Brake End

this lot sampled last  
S-

S. J. Stauffer



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT No.95

Mabel Mine Ore Lot No. 5

LESSOR: Kalenber & Nelson

Assays:

Gold	2.06	Ozs. at \$20.6718	41.96
Silver	79.45	Ozs. at .5725	45.49
Lead	14.25%	or 285 lbs. @ 6.10	<u>17.39</u>

Gross Value Per ton 104.84

Net Returns from Smelter 1519.49

Less Hauling 18.510 wet tons @ 5.00 per ton  
from Mabel Mine to Mina 92.55

Net Returns 1226.94

Less Royalty to West End Cons. Mng. Co. @ 50.48% 619.36

Net Amount Due Leaser 607.58

Less Bill No. 2-95	27.08	
3-79	42.92	
4-41	<u>4.75</u>	
		<u>74.75</u>
		532.83

Royalty Rate Computed as follows:

Gross Value per ton	104.84	
Royalty on ore of	<u>100.00</u> per ton	50.00%
Value per ton in excess of \$25.00	4.84	
0.1% additional for each 1.00	.1%	
Value above \$100.00 per ton	<u>.484%</u>	

Additional Royalty .48%  
50.48%

APPROVED

W.D. Budilman  
Secretary



WEST END CONSOLIDATED MINING COMPANY

ORE SETTLEMENT No. 95

Kabel Mine Ore Lot No. 5

LESSOR: Kalenber & Nelson

Assays:

Gold	2.05	Oss. at \$20.6718	41.96
Silver	79.45	Oss. at .5725	45.49
Lead	14.25%	or 265 lbs. @ 6.10	<u>17.39</u>

Gross Value Per ton 104.84

Net Returns from Smelter 1519.49

Less Hauling 18.510 wet tons @ 5.00 per ton  
from Kabel Mine to Kina 92.55

Net Returns 1226.94

Less Royalty to West End Cons. Mng. Co. @ 50.48% 619.56

Net Amount Due Lessor 607.58

Less Bill No. 2-95	27.08	
3-79	42.92	
4-41	<u>4.75</u>	
		<u>74.75</u>

532.63  
266.41

Royalty Rate Computed as follows:

Gross Value per ton	104.84	
Royalty on ore of	<u>100.00</u> per ton	50.00%
Value per ton in excess of \$25.00	4.84	
0.1% additional for each 1.00	<u>.1%</u>	
Value above \$100.00 per ton	<u>.484%</u>	

Additional Royalty .48%  
50.48%

APPROVED

W. D. Buchanan  
Secretary

165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH **April 14, 1928**LOT NO. **95 Original**SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>2.04</b>	<b>79.8</b>	<b>15.5</b>			
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
<b>61.8</b>	<b>0.5</b>	<b>0.6</b>	<b>8.2</b>		

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 14, 1928**

LOT NO. **95 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
<b>2.04</b>	<b>79.4</b>				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*

ASSAYERS

165 SO. WEST TEMPLE ST.

CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

BLACK & DEASON

ASSAYERS AND CHEMISTS

NAME **West End Con.**

SALT LAKE CITY, UTAH **April 14, 1928**

LOT NO. **95 Duplicate**

SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
1.02	78.6				
2.04	79.4				
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
ASSAYERS



# UTAH ORE SAMPLING COMPANY

8651

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.

Lot No. 95

Class

Mabel Mine, Nelson & Kalenber Lease

INTO CAR	GROSS	TARE	NET	FROM CAR
UP 63128 O.B. End	129880	92860	37020	SP 16721
Received April 12, sampled April 13, 1928 Released to U.S. via OSL				

Total Wet Weight

lbs.

Sampling

24.06

Assaying

Sacks

lbs.

Net Weight of Ore,

37020

lbs.

Moisture 3.55

%

1314

lbs.

Dry Weight of Ore,

35706

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

APR 14 1928

Per

*Arnold Herlin*

**UNITED STATES SMELTING, REFINING & MINING COMPANY**  
NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 19, 1928

Pay West End Cons. Mining Co. - Tonopah, NevadaOre Mabel MineLot No. 95

Class \_\_\_\_\_

Sampled by U. O. S.Received 4/12Sampled 4/13Assayed 4/14Metal Quotations—Silver .5725

Copper, N. Y. \_\_\_\_\_

Lead, N. Y. 6.10

Zinc \_\_\_\_\_

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
U. S. S. Co.	2.02 ✓	80.0 ✓		14.25 ✓	62.0 ✓	8.2 ✓		.8 ✓		
B&D	2.04 ✓	79.8 ✓		14.25 ✓	61.8 ✓	8.2 ✓	.5 ✓	.6 ✓		
Umpire	2.03 ✓	79.4 ✓								
Settlement Assay	3.02 ✓	79.45 ✓		14.25 ✓	61.9 ✓	8.2 ✓	.5 ✓	.7 ✓		

CAR NOS.	WET WEIGHT	METAL VALUE		WORKING CHARGE	
SP 16721		Gold	38 57 ✓	Treatment	4 04
		Silver	43 21 ✓	Insoluble	6 19 ✓
		Copper		Zinc	
		Lead	11 41 ✓	Sulphur	
		Zinc		Speiss	
Total Wet Weight					
Sacks				Total Debit	10 23 ✓
Net Weight	37020 ✓	Gross Value	93 19 ✓	Iron	49 ✓
Less H <sub>2</sub> O 3.55%	1314 ✓	Less Working Charge	9 74 ✓	Net Working Charge	9 74 ✓

Dry Weight, lbs. 35706 ✓Payment for 17.853 ✓

tons @

83 45 ✓

per ton

1489 83 ✓

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Freight advanced @ 8.50 per ton157.34 ✓

Assay Charges

8.00

Sampling Charges

5.00

Watching

170 34 ✓

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Net Payment

1319



THORNTON *Marfield*

Avg. of 3 samplings	$\frac{\text{Oz.}}{\text{Au.}}$	$\frac{\text{Oz.}}{\text{Ag.}}$
	6.98	13.15 G
	7.0616	13.383 B+D
	<hr/>	<hr/>
	14.0416	26.533
average of 3 - - - - -	7.0208 ✓	13.266 ✓

1st + 2nd Samplings

$\frac{\text{Oz.}}{\text{Au.}}$	$\frac{\text{Oz.}}{\text{Ag.}}$	
7.0625	13.175	Avg. Marfield
7.2100	13.475	Avg. B + D
7.13625	13.325	Total Average

1st + 3rd Samplings

$\frac{\text{Oz.}}{\text{Au.}}$	$\frac{\text{Oz.}}{\text{Ag.}}$	
6.65	13.125	Avg. Marfield
6.7175	13.300	Avg. B. D
6.68375	13.2125	Total Average

# AMERICAN SMELTING & REFINING CO.

UTAH DEPARTMENT  
SALT LAKE CITY, UTAH

December 29, 1928.

Mr. F.C. Ninnis,  
President West End Consolidated Mining Co.,  
Tonopah, Nevada

Dear Sir:

We have received today from Garfield the following  
report of the sampling and assays on Lots 96 and 97, West End ores:

## SAMPLED AT UTAH ORE SAMPLING COMPANY - LOT 96

<u>First Sample</u>	<u>Gold</u>	<u>Silver</u>	<u>Assay By</u>
Original	6.41 ✓	13.1 ✓	Garfield
Duplicate	6.56 ✓	13.2 ✓	"
Original	6.71 ✓	13.4 ✓	Black & Deason
Duplicate	6.63 ✓	13.4 ✓	" "
Average -	6.5775 ✓	13.275 ✓	
<u>Second Sample</u>			
Original	8.35 ✓	13.6 ✓	Garfield
Duplicate	6.93 ✓	12.8 ✓	"
Original	8.45 ✓	13.6 ✓	Black & Deason
Duplicate	7.05 ✓	13.5 ✓	" "
Average	7.695 ✓	13.375 ✓	

## SAMPLED AT GARFIELD PLANT - LOT 96

Original	6.84 ✓	13. ✓	Garfield
Duplicate	6.79 ✓	13.2 ✓	"
Original	6.74 ✓	13.3 ✓	Black & Deason
Duplicate	6.79 ✓	13.1 ✓	" "
Average	6.79 ✓	13.15 ✓	

It would seem to us that Utah Ore Sampling Company's second sample is so out of line, as compared with their first sample, and also as compared with Garfield's results, that it should not be considered, and a settlement should be made on the average of Utah Ore Sampling Company's first sample and the sampling at Garfield. Please let us know if this will be satisfactory.



WM. A. BLACK, PRESIDENT

N. C. BLACK, VICE-PRESIDENT

B. W. DEASON, SEC'Y AND TREAS.

## BLACK & DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

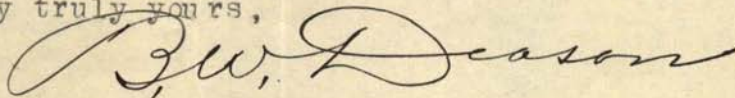
SALT LAKE CITY, UTAH, Dec. 22, 1928

Mr. F. C. Ninnis,  
West End Con. Mining Co.,  
Tonopah, Nevada.

Dear Sir:

We are sending you certificates on Lot 696 from Garfield. The individual buttons run from 3.28 to 3.42 on the Original and 3.34 to 3.39 on the Duplicate. Garfield did not have their results before noon, and as they quit at noon today, I will not be able to compare with them until Monday.

Very truly yours,

A handwritten signature in dark ink, appearing to read "B. W. Deason", written in a cursive style.

BWD:TLB

**UNITED STATES SMELTING, REFINING & MINING COMPANY**  
 NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 19, 1928

Pay West End Cons. Mining Co., - Tonopah, Nevada

Ore Label Mine Lot No. 95 Class \_\_\_\_\_  
 Sampled by U. S. S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	8.02	80.0		14.25	62.0	6.2		.8		
B&D	8.04	79.8		14.25	61.8	6.2	.5	.6		
Umpire	8.04	79.4								
Settlement Assay	8.02	79.45		14.25	61.9	6.2	.5	.7		

CAR NOS.	WET WEIGHT	METAL VALUE		WORKING CHARGE	
<u>SE 16721</u>		Gold	38 57	Treatment	4 04
		Silver	43 21	Insoluble	6 19
		Copper		Zinc	
		Lead	11 41	Sulphur	
		Zinc		Speiss	
Total Wet Weight					
Sacks				Total Debit	10 23
Net Weight <u>37020</u>		Gross Value	93 19	Iron	49
Less H <sub>2</sub> O <u>3.55 % 1314</u>		Less Working Charge	9 74	Net Working Charge	9 74

Dry Weight, lbs. 35706

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Payment for 17.653 tons @ 83 45 per ton 1489 83Freight advanced @ 6.00 per ton 157.34Assay Charges 8.00Sampling Charges 5.00

watching

170 34

Checked by \_\_\_\_\_

Approved by \_\_\_\_\_

Net Payment

1319 49



UNITED STATES SMELTING, REFINING & MINING COMPANY  
NINTH FLOOR NEWHOUSE BUILDING

732

Salt Lake City, Utah,

April 19, 1928

Pay West End Cons. Mining Co., - Tonopah, Nevada

Ore Label Mine Lot No. 95 Class  
Sampled by U.S.S. Received 4/12 Sampled 4/15 Assayed 4/14  
Metal Quotations—Silver .5725 Copper, N. Y. Lead, N. Y. 5.10 Zinc

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
U. S. S. Co.	2.88	89.0		14.25	62.0	2.4		.8		
B&D	2.04	79.3		14.25	61.8	6.2	.5	.6		
Umpire	2.03	79.3								
Settlement Assay	2.03	79.45		14.25	61.9	8.2	.5	.7		

CAR NOS.	WET WEIGHT	METAL VALUE				WORKING CHARGE			
SP 16721		Gold	38	57		Treatment	4	04	
		Silver	43	21		Insoluble	6	19	
		Copper				Zinc			
		Lead	11	41		Sulphur			
		Zinc				Speiss			
Total Wet Weight									
Sacks									
Net Weight	27020	Gross Value	92	12		Total Debit	10	23	
Less H <sup>2</sup> O 2.88 %	1314	Less Working Charge	3	74		Iron		42	
						Net Working Charge	9	74	

Dry Weight, lbs. 25766

Payment for 17.053 tons @ 82.45 per ton

1489 83

Freight advanced @ 0.50 per ton

187.34

Assay Charges

8.00

Sampling Charges

5.30

170 54

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Checked by

Approved by

Net Payment

1312 49



**UNITED STATES SMELTING, REFINING & MINING COMPANY**  
**NINTH FLOOR NEWHOUSE BUILDING**

732

Salt Lake City, Utah,

April 19, 1928

Pay West End Cons. Mining Co. - Tonopah, Nevada

Ore Label Mine Lot No. 95 Class \_\_\_\_\_  
 Sampled by U.O.S. Received 4/12 Sampled 4/13 Assayed 4/14  
 Metal Quotations—Silver .5725 Copper, N. Y. \_\_\_\_\_ Lead, N. Y. 6.10 Zinc \_\_\_\_\_

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
U. S. S. Co.	3.88	98.9		14.25	62.0	8.4		.8		
B&D	3.84	98.9		14.25	61.8	8.2	.5	.8		
Umpire	3.84	98.9								
Settlement Assay	3.02	72.45		14.25	61.9	8.2	.5	.7		

CAR NOS.	WET WEIGHT	METAL VALUE	WORKING CHARGE
52 16731		Gold 38 57	Treatment 4 04
		Silver 43 21	Insoluble 6 19
		Copper	Zinc
		Lead 11 41	Sulphur
		Zinc	Speiss
Total Wet Weight			
Sacks			Total Debit 10 23
Net Weight 37020		Gross Value 93 19	Iron 49
Less H <sup>2</sup> O 3.55 % 1314		Less Working Charge 9 74	Net Working Charge 9 74

Dry Weight, lbs. 35706

A charge of Five Dollars made for sampling on all lots of ore containing less than ten tons, dry weight. Rates subject to change without notice when not under contract or for specified tonnage.

Payment for 17.353 tons @ 83 45 per ton 1489 83

Freight advanced @ 8.50 per ton 157.34

Assay Charges 6.00

Sampling Charges 5.00

watching

170 54

Checked by

Approved by

Net Payment

1319 49

REFINING



165 SO. WEST TEMPLE ST.

## CERTIFICATE OF ASSAY

TELEPHONE WAS. 1214

## BLACK &amp; DEASON

ASSAYERS AND CHEMISTSNAME **West End Con.**SALT LAKE CITY, UTAH **April 14, 1928**LOT NO. **95 Original**SAMPLED BY **U. O. S.**

ASSAY PER TON OF 2,000 POUNDS

GOLD—Ozs.	SILVER—Ozs.	LEAD—%	COPPER—%	SPEISS—%	SILICA—%
2.02	80.0	15.5			
2.04	79.8	15.5			
INSOLUBLE—%	ZINC—%	SULPHUR—%	IRON—%	LIME—%	MANGANESE—%
62.0	none	0.8	8.2		
61.8	0.5	0.6	8.2		

CHARGE, \$ \_\_\_\_\_

*Black & Deason*  
 ASSAYERS

# UTAH ORE SAMPLING COMPANY

558

## WEIGHT AND MOISTURE CERTIFICATE

Shipper West End Cons. Mining Co.  
Mabel Mine First Sampling.

Lot No. 96

Class

INTO CAR	GROSS	TARE	NET	FROM CAR
UP 63397	116940	46220	70720	SP 29328
Released to Garfield via OSL Original Metallica to Garfield Duplicate Metallica to Black & Deason				

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12

Total Wet Weight

lbs.

Sampling  
Assaying

45.97

Sacks

lbs.

Net Weight of Ore,

70720

lbs.

Moisture 2.45 %

1732

lbs.

Dry Weight of Ore,

68988

UTAH ORE SAMPLING COMPANY

Salt Lake City, Utah

DEC 18 1928

Per

*Charles E. Taylor*



# UTAH ORE SAMPLING COMPANY

## WEIGHT AND MOISTURE CERTIFICATE

567

Shipper West End Cons. Mining Co. Lot No. 96 Class  
Mabel Mine Second Sampling

INTO CAR	GROSS	TARE	NET	FROM CAR
UP 63397	116900	46220	70680	SP 29328
Released to Garfield via OSL Original Metallics to Garfield Duplicate Metallics to Black & Deason				

Total Wet Weight lbs. Sampling Assaying

Sacks lbs.

Net Weight of Ore, 70680 lbs.

Moisture 2.4 % 1696 lbs.

Dry Weight of Ore, 68984

Salt Lake City, Utah

DEC 18 1928

UTAH ORE SAMPLING COMPANY

Per

Charles D. Taylor

# Weight And Moisture Certificate

LOT NO. 96 crude

Dec 19, 1928

SHIPPER West End bone

SAMPLED BY Utah Ore Sampling Co.

RECEIVED		SAMPLED		FROM CARS		LOADED IN CARS		MOISTURE	GROSS WEIGHT		TARE		NET WEIGHT	
				INITIALS	NUMBERS	INITIALS	NUMBERS							
12	16	12	18	S.P.	29328	UP	63397	23 25	11	6900	46	220	70	680

Cars and Contents O. K. When Received Unless Noted Otherwise

No.      SACKS      Weight      Condition

--	--	--

Total Net Weight

Moisture 2.4 Per Cent

Total Net Dry Weight

70680  
1696  
68984

Weather clear & cold

Remarks: 2nd Sampling

S. J. Stauffer



# Weight And Moisture Certificate

LOT NO. 96 crude

Dec 19, 1928

SHIPPER West End Iron

SAMPLED BY Utah Ore Sampling Co.

[illegible]

**Cars and Contents O. K. When Received Unless Noted Otherwise**

No.	SACKS Weight	Condition
-----	-----------------	-----------

--	--	--	--

**Total Net Weight**

Moisture 2.45 Per Cent. 1932

### Total Net Dry Weight

Weather Clear + Cold

Remarks: *first-Sampling*

S. Stauffer



## BLACK &amp; DEASON

ASSAYERS AND CHEMISTS

165 SOUTH WEST TEMPLE STREET

SALT LAKE CITY, UTAH, Dec. 27, 1928

Mr. F. C. Ninnis,  
West End Consolidated Mining Co.,  
Tonopah, Nevada.

Dear Sir:

We were unable to get the Smelter results on the Garfield samples until late this afternoon, although we had called them every day since Saturday. I told them to hold everything until they heard from you.

Black and DeasonSmelter ResultsU. O. S. First Sampling:

Original	6.71	Ozs.
Duplicate	6.63	"

U. O. S. Second Sampling:

Original	8.45	Ozs.
Duplicate	7.05	"
Average	7.21	"

Garfield Sampling:

Original	6.74	Ozs.	6.84	Ozs.
Duplicate	6.79	"	6.79	"
Average	6.765	"	6.815	"

I have mislaid the figures you gave me of the smelter Golds on the Utah Ore samplings, and can not get them until morning, but you undoubtedly have them.

Very truly yours,

*B. W. Deason*

BWD:TLB

7.062 Av



AMERICAN SMELTING & REFINING CO.

UTAH DEPARTMENT  
SALT LAKE CITY, UTAH

December 14, 1928.

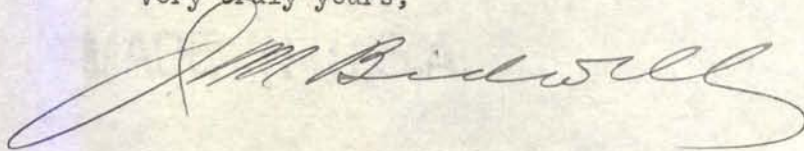
Mr. H.D. Budelman,  
Secretary,  
West End Consolidated Mining Company,  
Tonopah, Nevada

Dear Sir:

We have your letter of the 11th inst. and are pleased to receive advice from you that you have billed SP Car 29328 to our Garfield Plant via the Utah Ore Sampling Company for sampling in transit.

We note that the ore is to be crushed to one inch before sampling and that your Mr. F.C. Ninnis, President of your Company, will be here to represent the West End Consolidated Mining Company with Black & Deason at the time of sampling.

Very truly yours,



JMB'S

cc RWSenger

## DAILY ASSAY REPORT

Maho Special F.C.N Second Pulp

TONOPAH, NEVADA.

Dec. 26

192

[illegible]