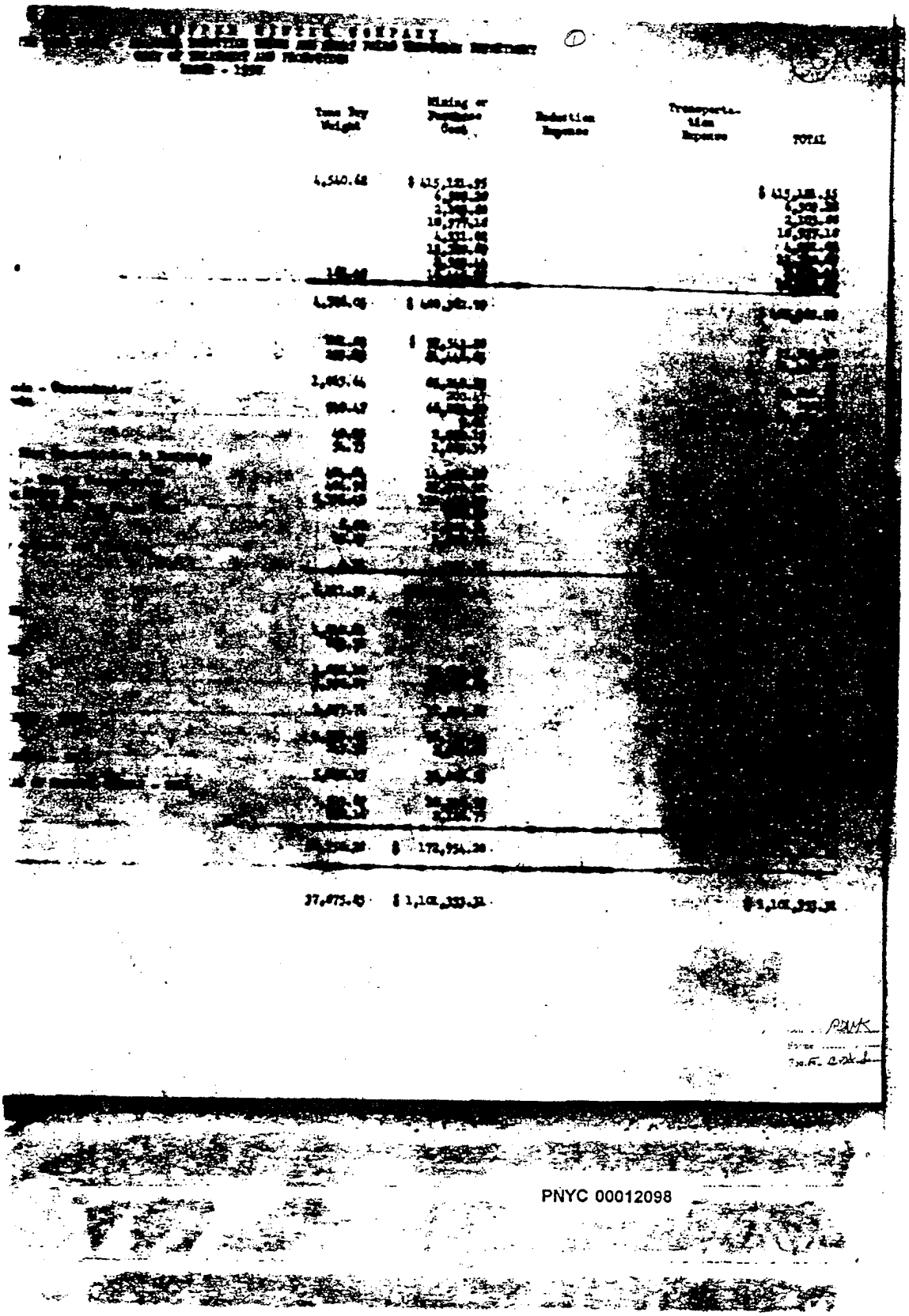
...ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DI...
COST OF TREATMENT AND PRODUCTION
MARCH - 1950

MATERIAL RECEIVED	Tons Dry Weight	Mining (Purchase Cost
BUTTE HILL MINES:		
Anselmo Shaft	4,540.62	$ 415,121.5
Orphan Girl Shaft		6,509.2
Alice Shaft		2,103.4
Badger State Shaft		18,977.1
Elm Orlu Shaft		4,931.0
Lexington Shaft		13,720.6
Pemlin Shaft		2,553..
Trevena Shaft - Sulphide Concentrates	165.43	16,445.
TOTAL BUTTE HILL MINES	4,706.05	$ 480,362
BUTTE HILL DUMP ORE - ZINC:		
Lexington	882.89	$ 97,543.2
Moulton	253.29	24,446.6
Leased Mines:		
Sphalerite Concentrates - Zinc	1,063.64	85,240.2
Miscellaneous Purchased Ore at Anaconda - Concentrates		200.4
Anaconda Copper Mining Company - Darwin	949.47	66,823.1
Galconda Lead Mines - Adj.		9.6
Lewis B. Stark - Star	40.93	2,870.3
Sunset Lease	54.73	1,863.3
Eagle Picher Co. of Galena, Kansas - Zinc Concentrates in Exchange for B.H. Bag House Fume	404.84	14,498.2
International Smelting & Refining Co. - Tooele Concentrates	404.98	27,978.3
East Helena Slag Treating Plant - Bag House Fume	2,335.43	122,453.2
International Smelting & Refining Co. - Tooele Bag House Fume		187.4
Purchased Lead for Casting	6.86	1,585.2
Purchased Lead for Leaching	13.43	1,977.6
From Anaconda Wire and Cable Company - Scale and Pickling Solution Copper	2.11	767.4
TOTAL	6,111.50	$ 448,896.3
AMERICAN ZINC COMPANY OF ILLINOIS - TOLL		
Metaline	1,010.81	$ -
Fond Orville	403.71	-
CONSOLIDATED METALS REDUCTION COMPANY - TOLL		
Stockton	1,850.10	27,076.4
Picche	3,558.89	22,983.1
FEDERAL MINING & SMELTING COMPANY - TOLL		
Federal - Wallace	3,377.74	11,034.6
U.S. SMELTING, REFINING AND MINING COMPANY - TOLL		
Midvale	4,723.48	76,737.4
Telluride	247.76	2,561.8
INTERNATIONAL MINERALS & METALS CORPORATION - TOLL		
Phelps Dodge	5,028.13	20,086.5
GENERAL SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL		
Star (Contract SCM-TS-16938)	5,339.64	10,346.1
Amarillo	808.16	2,145.6
TOTAL TOLL	26,758.28	$ 172,954.3
TOTAL CARRIED FORWARD	37,875.83	$ 1,101,353.3

PNYC 00012097



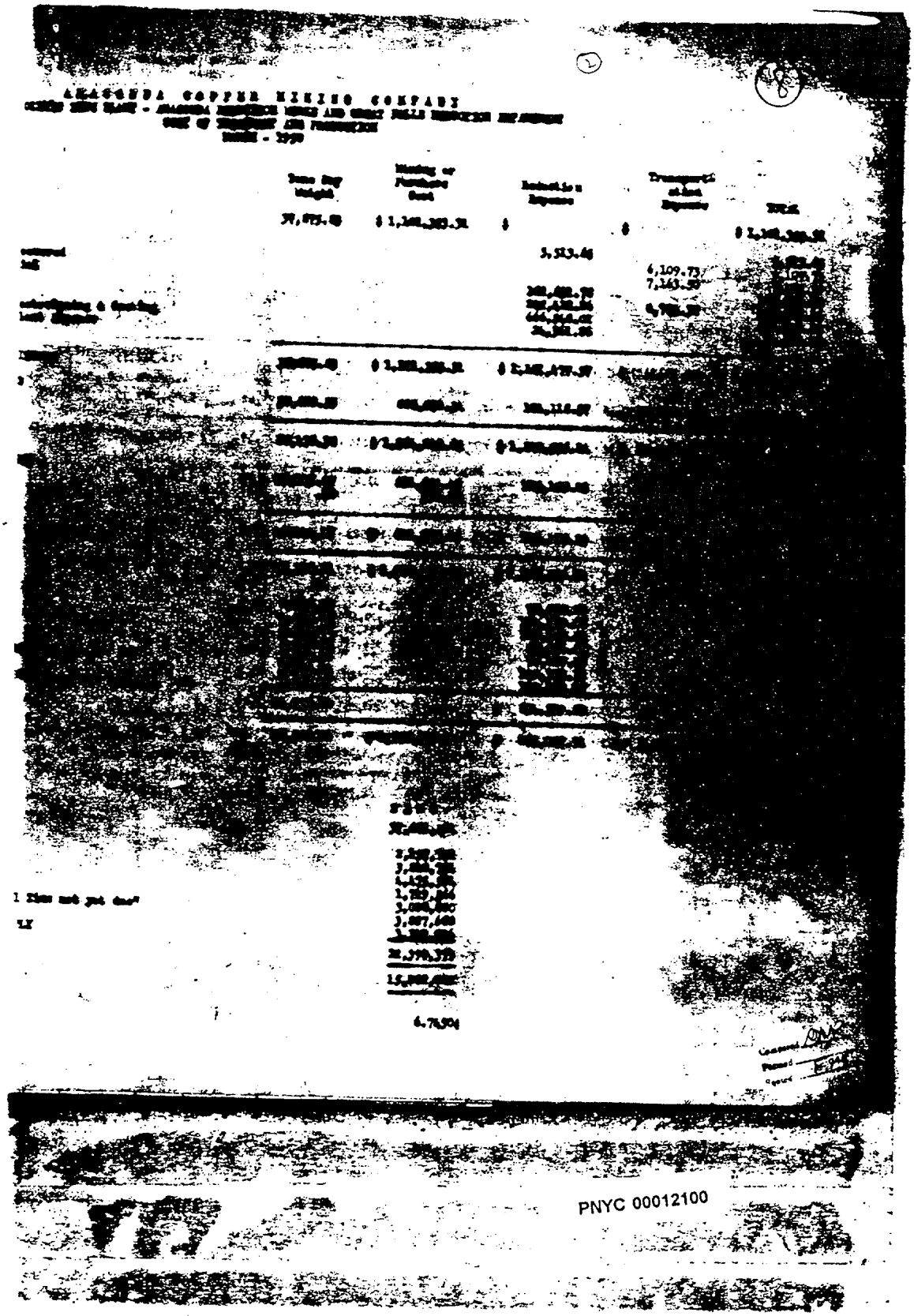
PNYC 00012098

A N A C O N D A C O P P E R M I N I N G C O M P A N Y
ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEP
COST OF TREATMENT AND PRODUCTION
MARCH - 1950

MATERIAL RECEIVED (CONTINUED)	Tons Dry Weight	Mining or Purchase Cost	
TOTAL BROUGHT FORWARD	37,875.83	$ 1,101,353.31	$
Concentrate Purchase Expense			
Reduction Works - Freight Claims Recovered			
Reduction Works - Freight Differential			
Reduction Works			
Falls Reduction Department			
and Great Falls Reduction Depts.-Electrolyzing & Casting			
Falls Reduction Department - Cadmium Plant Expense			
TOTAL MATERIAL RECEIVED AND EXPENDITURES	37,875.83	$ 1,101,353.31	$ 1
Hand and In Process - March 1st, 1950			
ent of Original Material	50,600.55	882,892.34	
TOTAL	88,476.38	$ 1,984,245.65	$ 1
Hand and In Process - March 31st, 1950			
ent of Original Material	47,143.47	611,604.43	
House Fume Sale	.70	104.23	
TOTAL	47,144.17	$ 611,738.66	$
TOTAL EXPENSE	41,332.21	$ 1,372,506.99	$ 1
TOLL ZINC			
ZINC COMPANY OF ILLINOIS	2,139.28		
METALS REDUCTION COMPANY	4,633.65		
MINING & SMELTING COMPANY	4,[illegible]		
NATIONAL MINERALS & METALS CORP.	1,[illegible].75		
NATIONAL MINERALS & METALS CORP. -"Toll Zinc not yet due"	3,164.56		
SMELTING, REFINING & MINING COMPANY	4,181.11		
SERVICES ADM. - BUREAU OF FEDERAL SUPPLY	3,907.04		
TOTAL TOLL	24,750.80		$
TOTAL	16,582.21	$ 1,372,506.99	$
Value of By-Products			
NET EXPENSES			

	Z I N C
Slabs Produced	37,681,401
TOLL ZINC	
ZINC COMPANY OF ILLINOIS	2,157,791
METALS REDUCTION COMPANY	3,818,734
MINING & SMELTING COMPANY	4,475,594
NATIONAL MINERALS & METALS CORP.	1,719,566
NATIONAL MINERALS & METALS CORP. -"Toll Zinc not yet due"	3,000,000
U. S. SMELTING, REFINING & MINING CO.	3,887,688
SERVICES ADM.-BUREAU OF FEDERAL SUPPLY	3,340,006
TOTAL TOLL	22,399,379
SLABS PRODUCED - COMPANY	15,282,022
Net Cost per Pound of Zinc	6.7450¢

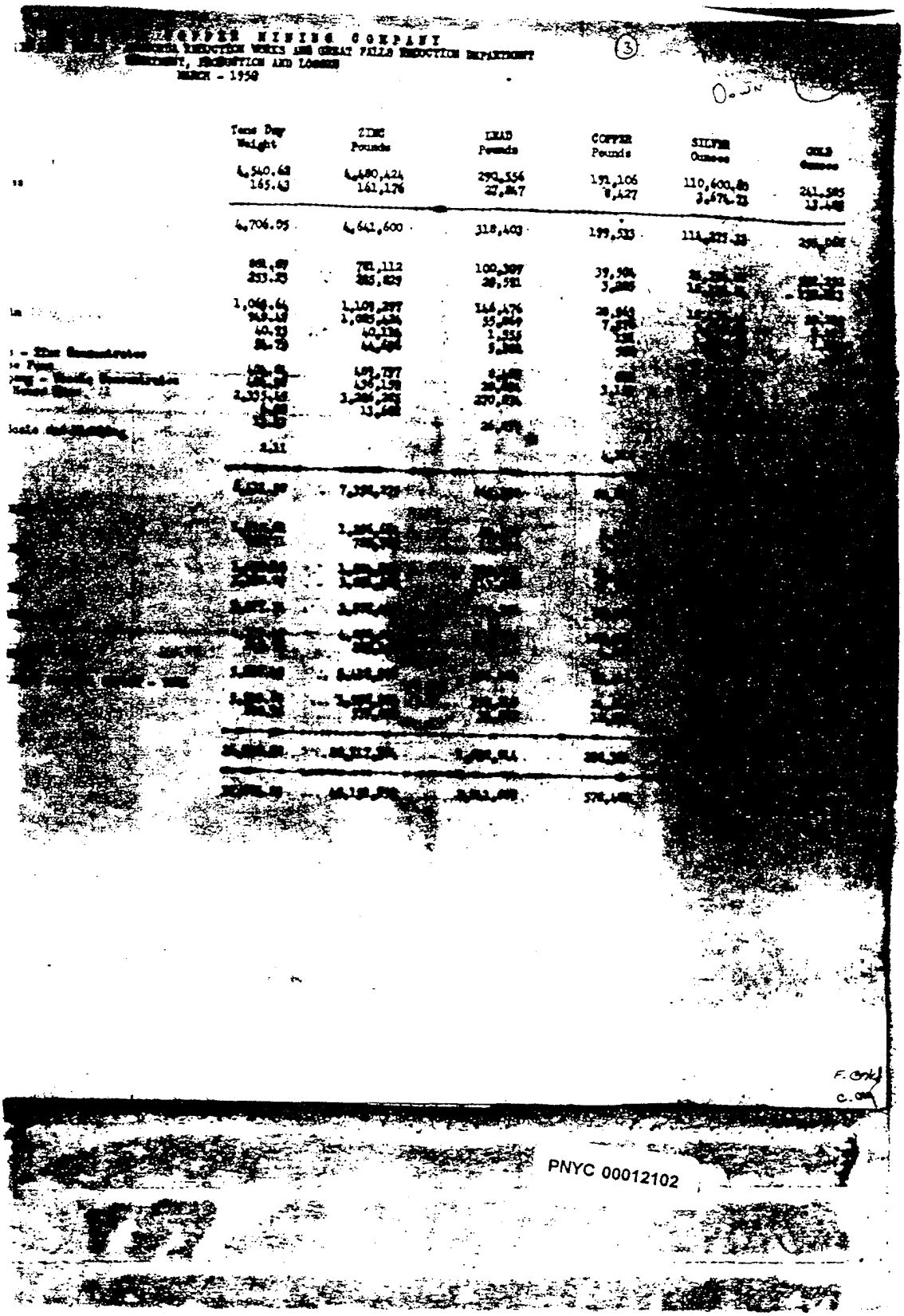
PNYC 00012099



PNYC 00012100

ANACONDA COPPER MINING COMPANY
ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEPAR
TREATMENT, PRODUCTION AND LOSSES
MARCH - 1950

MATERIAL RECEIVED	Tons Dry Weight	ZINC Pounds	Li Po
BUTTE HILL MINES:			
Anselmo Shaft	4,540.62	4,480,424	29
Travona Shaft - Sulphide Concentrates	165.43	161,176	2
TOTAL BUTTE HILL MINES	4,706.05	4,641,600	31
BUTTE HILL DUMP ORE - ZINC			
Lexington	881.89	781,112	10
Moulton	253.23	225,829	2
Leased Mine:			
Emma Sulphide Concentrates - Zinc	1,063.64	1,109,297	14
Anaconda Copper Mining Company - Darwin	949.47	1,025,424	5
Lewis B. Stark - Star	40.93	40,114	
Sunset Lease	54.73	44,656	
Eagle Picher Company of Galena, Kansas - Zinc Concentrates In exchange for East Helena Bag House Fume	404.84	489,797	
International Smelting & Refining Company - Tooele Concentrates	404.98	436,159	2
East Helena Slag Treating Plant - Bag House Fume	2,335.45	3,226,285	27
Purchased Lead for Casting	6.90	13,602	
Purchased Lead for Leaching	13.43		2
From Anaconda Wire & Cable Company - Scale and Pickling Solution Copper	2.11		
TOTAL	6,411.59	7,392,275	64
AMERICAN ZINC COMPANY OF ILLINOIS - TOLL			
Metaline	1,010.68	1,206,614	1
Pend Oreille	603.71	729,762	1
CONSOLIDED METALS REDUCTION COMPANY - TOLL			
Stockton	1,858.10	1,804,360	1
Piche	3,558.99	3,821,588	1
FEDERAL MINING & SMELTING COMPANY - TOLL			
Federal - Wallace	3,577.74	3,807,435	1
U.S. SMELTING, REFINING & MINING COMPANY - TOLL			
Midvale	4,733.48	4,992,813	4
Telluride	247.78	269,142	
INTERNATIONAL MINERALS & METALS CORPORATION - TOLL			
Phelps Dodge	5,086.13	5,412,976	3
GENERAL SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL			
Star (Contract SSR-75-16936)	5,539.69	5,578,980	3
Amarillo	606.16	579,802	
TOTAL TOLL	26,756.28	28,117,364	1,6
TOTAL CHARGED PRODUCT	37,875.83	40,151,259	2,6



COPPER MINING COMPANY
REDUCTION WORKS AND GREAT FALLS REDUCTION DEPARTMENT
ENTMENT, PRODUCTION AND LOSSES
MARCH - 1950

Tons Dry Weight	ZINC Pounds	LEAD Pounds	COPPER Pounds	SILVER Ounces	GOLD Ounces
4,540.62	4,480,424	293,556	191,106	110,600.80	241.585
165.43	161,176	27,847	8,427	3,671.23	13.148
4,706.05	4,641,600	318,403	199,533	114,272.03	254.733
88.49	781,112	100,307	39,584	26,236.40	88.383
253.25	885,829	28,581	3,288	14,244.84	43.153
1,068.45	1,109,297	144,176	28,946	18,[illegible]	39.[illegible]
45.12	1,088,436	35,249	7,[illegible]	[illegible]	[illegible]
45.50	10,[illegible]	1,[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	45,737	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	50,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2,33[illegible]	3,[illegible]	270,[illegible]	[illegible]	3,[illegible]	[illegible]
[illegible]	13,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26,[illegible]	[illegible]	[illegible]	[illegible]
2.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	7,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PNYC 00012102

ANACONDA COPPER MINING COMPANY
ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEPAR
TREATMENT, PRODUCTION AND LOSSES
MARCH - 1950

MATERIAL RECEIVED (Continued)	Tons Dry Weight	ZINC Pounds	LEAD Pounds
TOTAL BROUGHT FORWARD	37,875.83	40,151,259	2,841,809
TOTAL RECEIPTS	37,875.83	40,151,259	2,841,809
On Hand and In Process - March 1st, 1950 Equivalent of Original Material	50,600.55	47,216,683	3,889,876
TOTAL	88,476.38	87,367,942	6,731,685
On Hand and In Process - March 31st, 1950 Equivalent of Original Material	47,143.47	43,359,786	3,435,634
Mg Brass Fume Sale	.70	1,082	79
TOTAL	47,144.17	43,360,868	3,435,713
TOTAL TREATMENT	41,332.21	44,007,074	3,295,972
THE ZINC			
AMERICAN ZINC COMPANY OF ILLINOIS	2,139.26	2,898,899	
GRANITE METALS REDUCTION COMPANY	4,088.46	4,772,482	
FEDERAL MINING & SMELTING COMPANY	4,891.81	5,288,814	
INTERNATIONAL MINERALS & METALS CORP. -"Tull Zinc not yet done"	3,148.35	3,448,698	
INTERNATIONAL MINERALS & METALS CORP.	1,852.75	1,991,888	
U. S. SMELTING, REFINING & MINING COMPANY	4,148.38	4,417,887	
GENERAL SERVICES ADMINISTRATION- BUREAU OF FEDERAL SUPPLY	3,907.04	3,897,648	
TOTAL ZINC	24,726.80	26,516,496	
ZINC TREATMENT	26,058.82	27,796,146	3,295,972
Zinc Produced - Company		15,288,022	
Zinc Produced - Tull			
AMERICAN ZINC COMPANY OF ILLINOIS		2,197,778	
GRANITE METALS REDUCTION COMPANY		3,868,736	
FEDERAL MINING & SMELTING COMPANY		4,178,978	
INTERNATIONAL MINERALS & METALS CORP.		1,719,888	
INTERNATIONAL MINERALS & METALS CORP. -"Tull Zinc not yet done"		3,888,888	
U. S. SMELTING, REFINING & MINING CO.		3,897,888	
GENERAL SERVICES ADMINISTRATION-BUREAU OF FEDERAL SUPPLY		3,348,804	
ZINCOX PRODUCED:			
Company		123,120	
Tull: FEDERAL MINING & SMELTING CO.		9,248	
INTERNATIONAL MINERALS & METALS CORP.		8,888	
U. S. SMELTING, REFINING & MINING CO.		9,877	
GENERAL SERVICES ADMINISTRATION-BUREAU OF FEDERAL SUPPLY		24,865	
Zn in Brass Produced		-	
Zn in Oxide Produced		-	
Zn in Sulphate Solution Produced		-	
TOTAL ZINC PRODUCED		37,857,105	
Residue & Purification Copper Residue Produced			3,118,403
Losses		6,150,099	177,569
Per Cent Recovery		86.02%	94.61%

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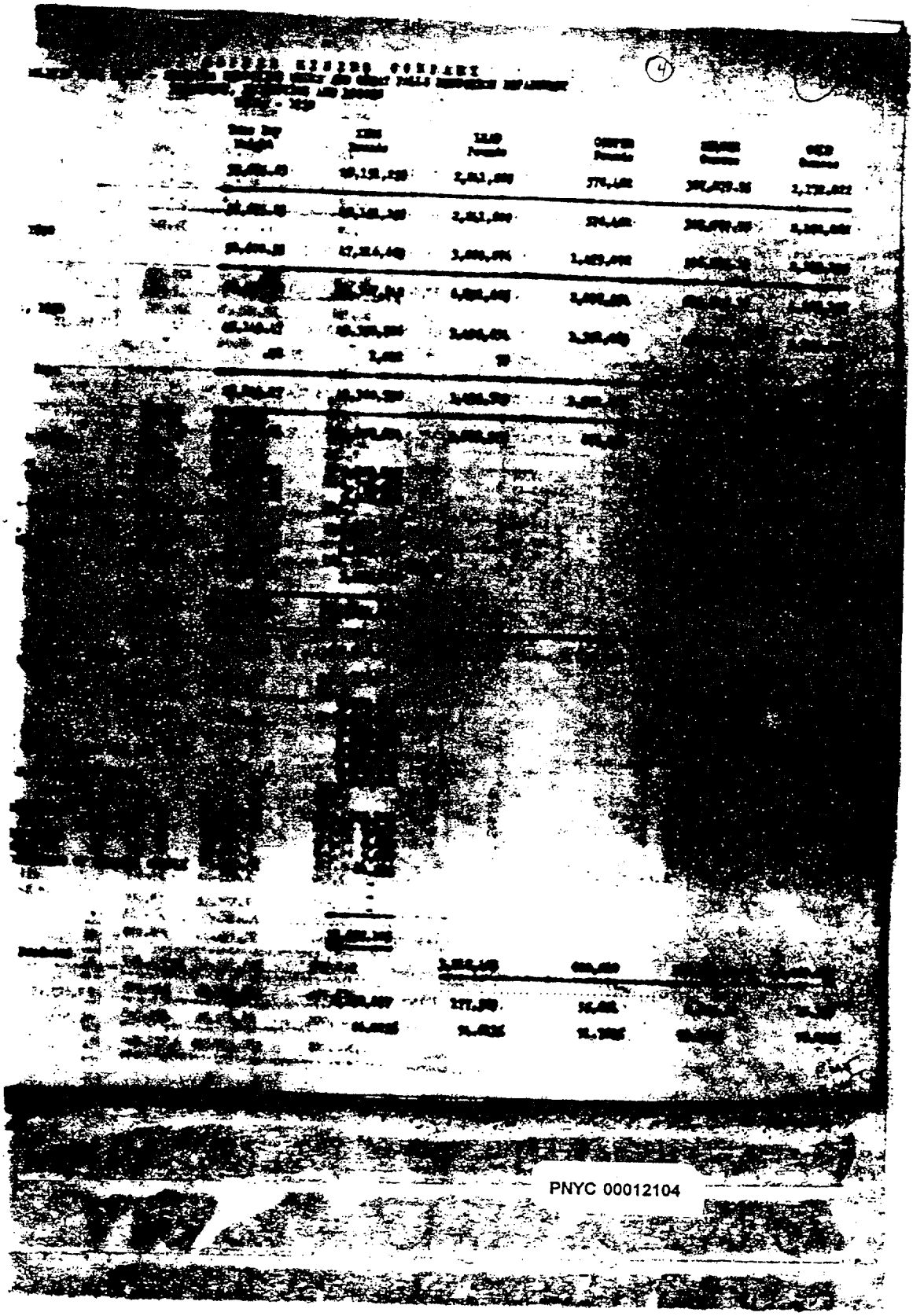

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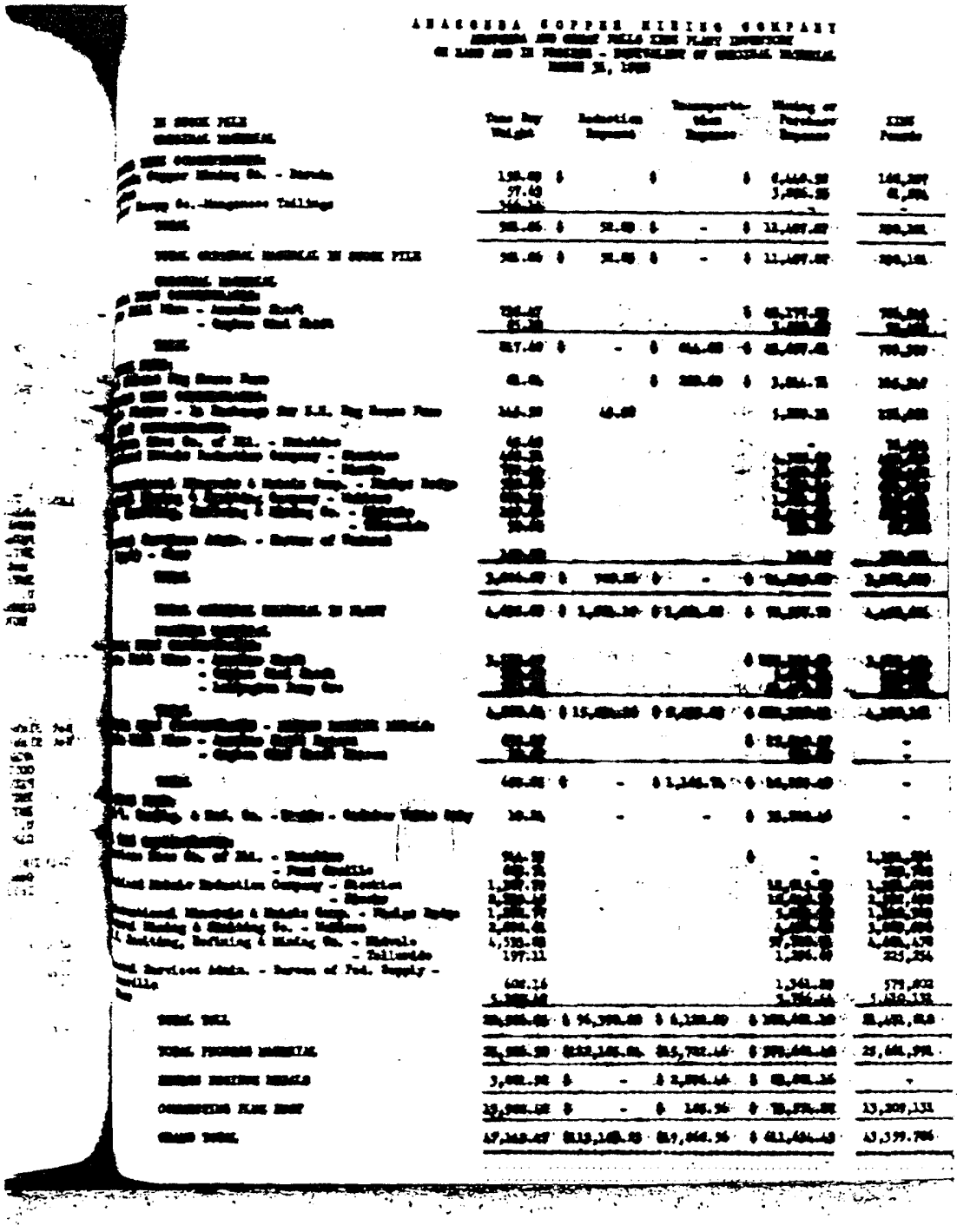
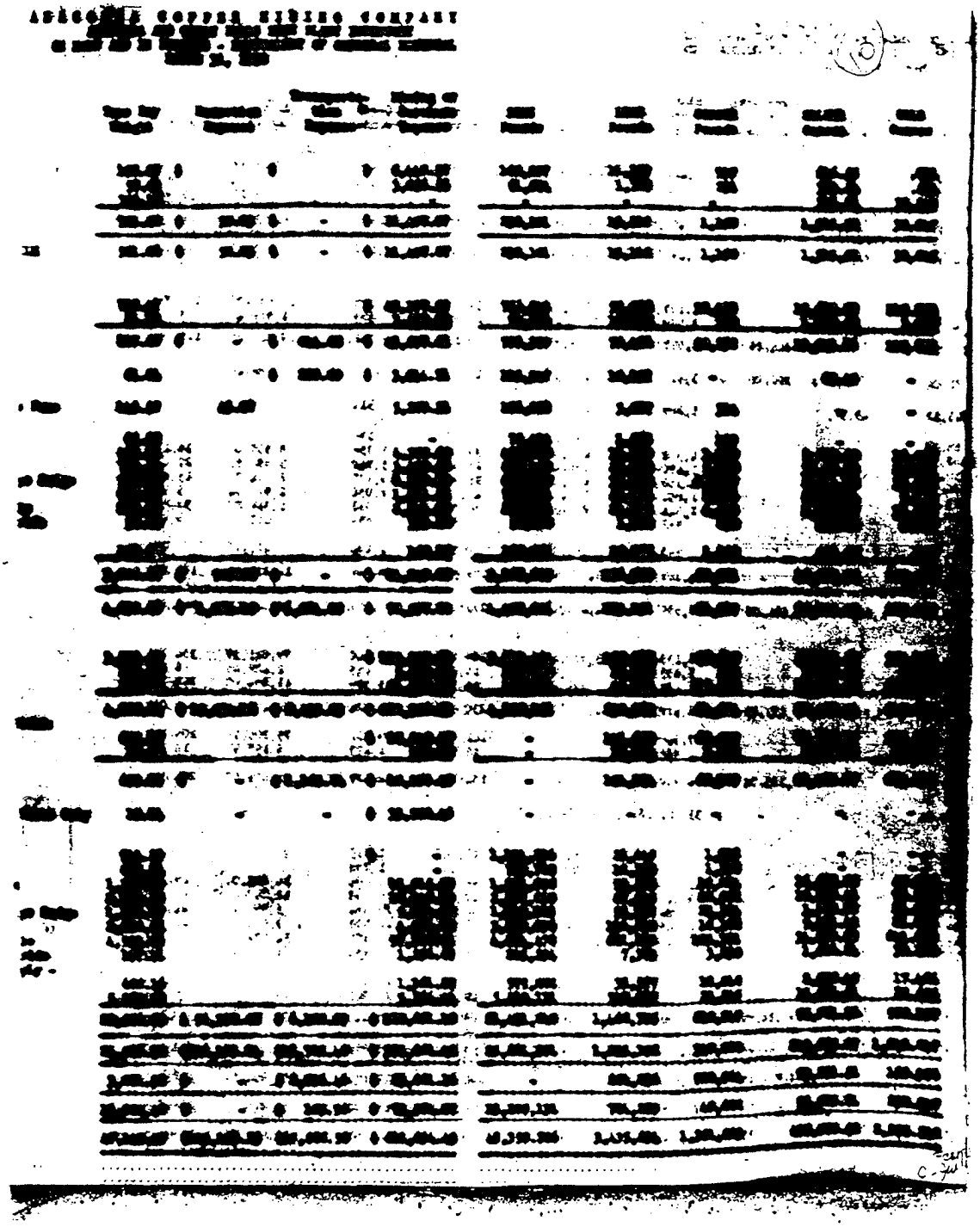


ANACONDA COPPER MINING COMPANY

	Tons Ore Milled	Reduction Expense	Transportation Mine Expense	Mining or Purchase Expense	Total Process
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



A N A C O N D A C O P P E R M I N I N G C O M P A N Y

ANACONDA AND GREAT FALLS ZINC PLANT INVENTORY

FINISHED MATERIAL ON HAND - MARCH 1950

	Dry Weight Tons	Net Value	ZINC Pounds
GREAT FALLS			
Zinc Residue in Bins and Cars	281.12		
Zinc Residue in Transit to East Helena	464.25		
TOTAL	745.37	$ 18,879.45	
AT ANACONDA			
Zinc Residue in Transit to East Helena	336.30		
Zinc Residue in Dryers	217.67		
TOTAL	552.97	$ 11,007.94	
GRAND TOTAL	1,298.34	$ 29,947.39	

TOTALS PAID FOR IN RESIDUES PRODUC

GREAT FALLS ZINC RESIDUE

March, 1950
Three Months, 1950

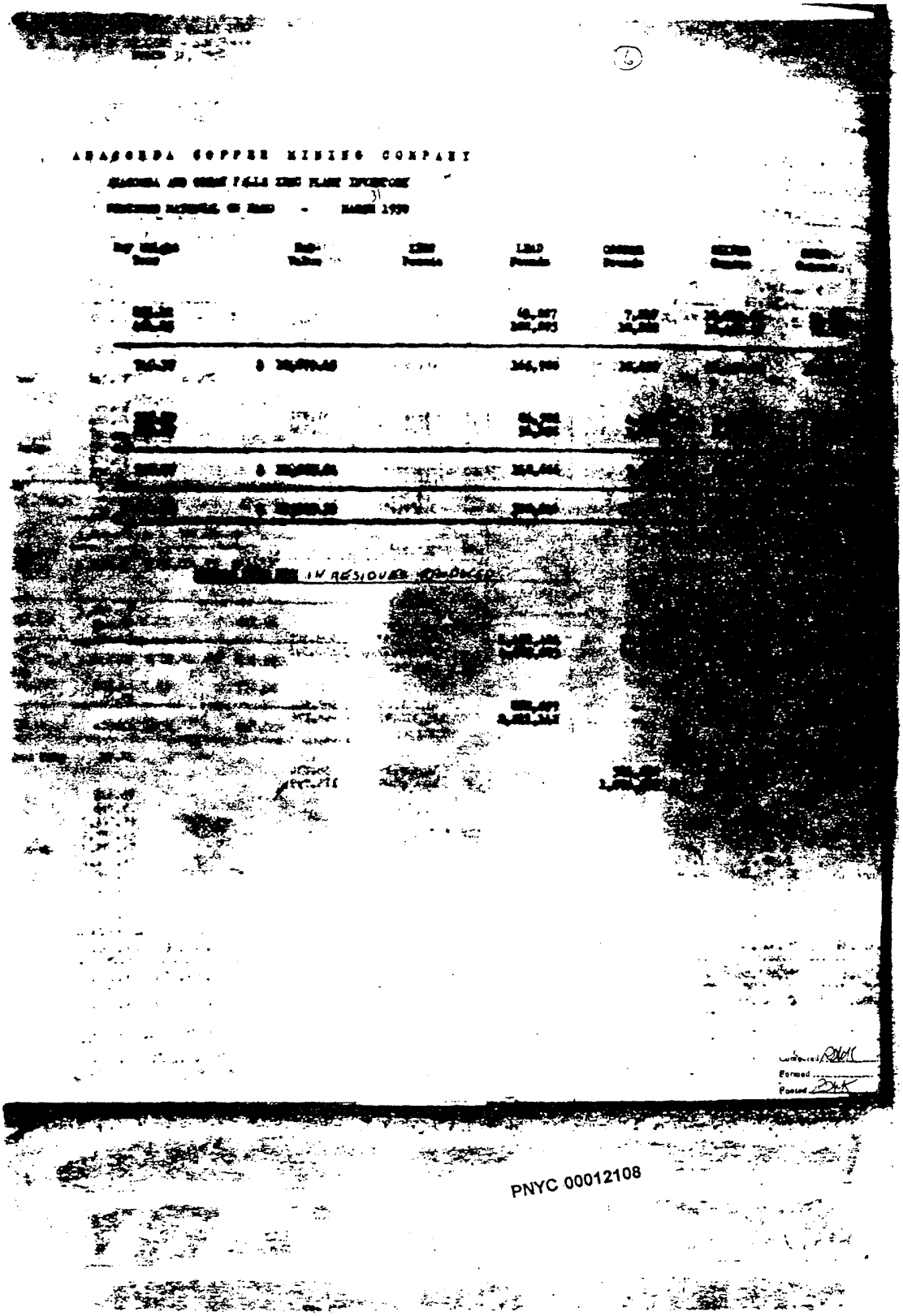
ANACONDA ZINC RESIDUE

March, 1950
Three Months, 1950

GREAT FALLS PURIFICATION COPPER RESIDUE

March, 1950
Three Months, 1950

PNYC 00012107



ANACONDA COPPER MINING COMPANY

PNYC 00012108

ANACONDA COPPER MINING COMPANY

VALUE OF BY-PRODUCTS PRODUCED - ANACONDA AND GREAT FALLS

MARCH - 1950

SHIPMENTS	Tons Dry Weight	ZINC Pounds	LEAD Pounds	COPPER Pounds
Great Falls Zinc Residue to East Helena	7,945.36		1,980,158	189,848 *
Great Falls Zinc Residue Loss in Transit to East Helena	4.46		1,309	93 *
Anaconda Zinc Residue to East Helena	4,868.58		1,138,997	53,482 *
Purification Copper Residue to Anaconda Copper Plant	859.82		94,153 *	380,825
Cadmium	50.36	100,728		
TOTAL SHIPMENTS	13,728.58	100,728	3,214,617	623,376
ON HAND MARCH 31, 1950				
Residue Products - Great Falls	745.37		163,980	19,459
Residue Products - Anaconda	558.97		142,666	7,882
Cadmium at Great Falls	23.03	50,054		
TOTAL	1,328.37	50,054	308,646	27,381
TOTAL	15,848.95	150,774	3,523,263	650,707
ON HAND MARCH 1, 1950	1,608.30	27,654	404,860	29,897
TOTAL PRODUCTION	13,440.65	123,120	3,128,403	680,810

Value of Residue Production
Value of Zinc Sulphate Solution
Value of Brass Production
Value of Cadmium Production

* For purpose of reconciliation only:
Copper paid for in Zinc Residue produced for East Hel
Great Falls 30,946 pounds
Anaconda None

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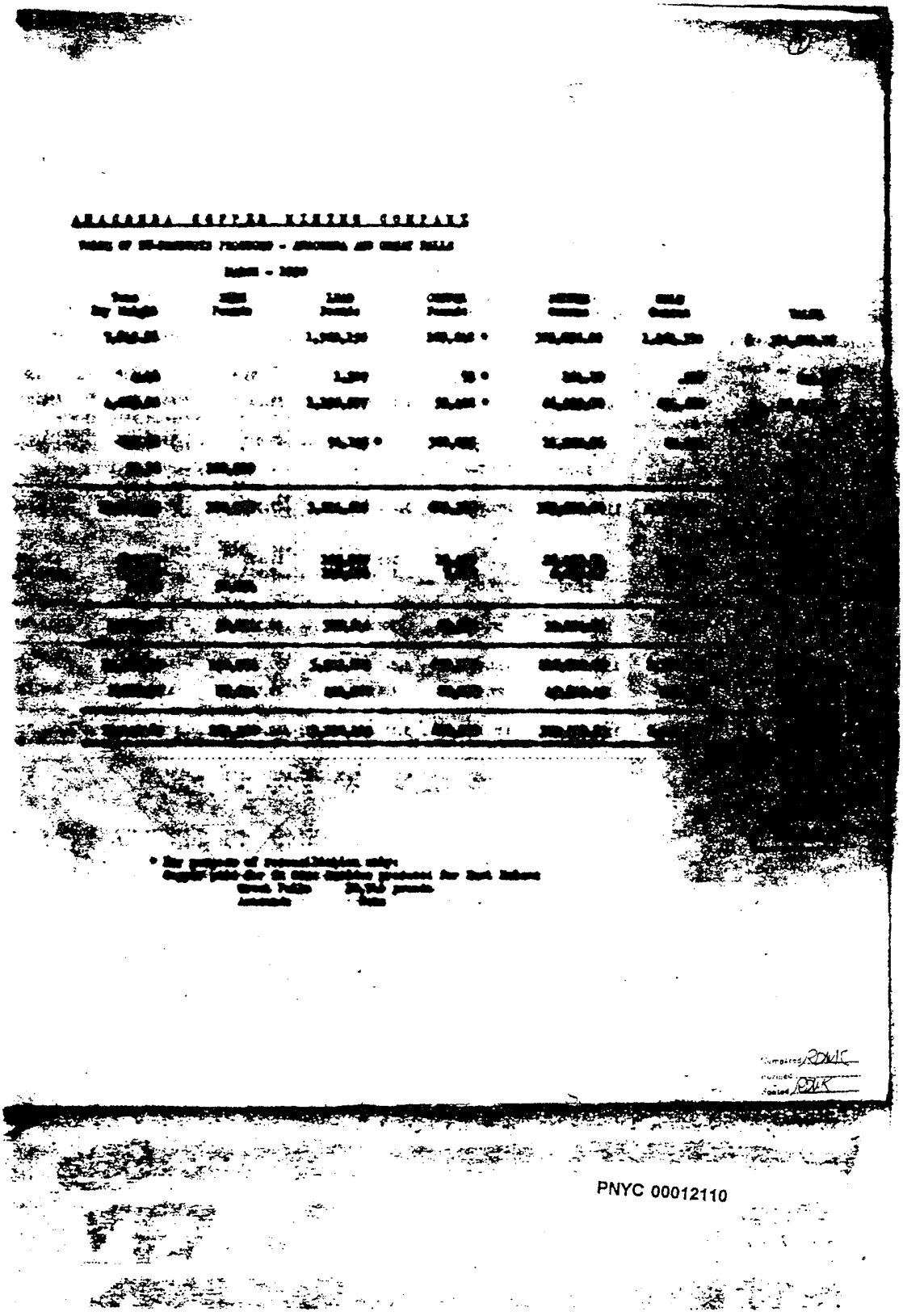

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ANACONDA COPPER MINING COMPAI
ANACONDA AND GREAT FALLS ZINC PLANT
MARCH - 1950

TREATMENT	Cost of Mining or Purchase	Transportation Expense	Reduction Expense	Electrolyzing & Casting	Total Expense	Tons Dr. Weight
Mill Mine - Anaconda	$ 562,408.87	$13,491.23*	$40,032.67	$109,019.77	$724,952.54	7,761.96
- Orphan Girl	6,509.26				6,509.26	
- Badger State	18,977.18				18,977.18	
- Alice	2,105.86				2,105.86	
- Kla Orla	4,931.02				4,931.02	
- Lexington	13,720.69				13,720.69	
- Pemlet	2,553.44				2,553.44	
- Trevano-Sulphide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL BUTTE HILL MINES	$ 647,660.31	$13,755.34	[illegible]	[illegible]	[illegible]	7,937.39
Mill Temp Ore-Zinc-Lexington -Anaconda	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	200.47				200.47	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

COPPER MINING COMPANY
[illegible]
[illegible] - 1950

