

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT

APRIL - 1950

INDEX TO ELECTROLYTIC ZINC PLANT

STATEMENT OF TREATMENT, COST AND INVENTORIES

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SPECIAL ZINC PLANT REPORT

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PNYC 00012058

ANACONDA COPPER MINING COMPANY  
ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION  
COST OF TREATMENT AND PRODUCTION  
APRIL - 1950

| MATERIAL RECEIVED                                                     | Tons Dry Weight  | Mining or Purchase Cost |
|-----------------------------------------------------------------------|------------------|-------------------------|
| <b>BUITE HILL MINES:</b>                                              |                  |                         |
| Main Shaft                                                            | 4,293.42         | 355,213.04              |
| Main Shaft                                                            |                  | 134,154.51              |
| Main Shaft                                                            |                  | 740.55                  |
| Main Shaft                                                            |                  | 21,073.24               |
| Main Shaft                                                            |                  | 4,864.94                |
| Main Shaft                                                            |                  | 9,826.82                |
| Main Shaft                                                            |                  | 2,410.41                |
| Main Shaft-Sulphide Concentrates                                      | 201.26           | 16,361.81               |
| <b>TOTAL BUTTE HILL MINES</b>                                         | <b>4,494.68</b>  | <b>544,647.29</b>       |
| Hill Dump Ore - Zinc - Lexington                                      | 1,349.57         | 69,684.43               |
| Hill Mine - Zinc Sulphide Concentrates - Zinc                         | 1,736.73         | 112,043.19              |
| Hill Co. - Darwin                                                     | 857.54           | 64,492.13               |
| Hill Zinc Co. of Ill. - Ouray                                         | 45.99            | 2,433.53                |
| Hill Silver Mines                                                     | 51.52            | 3,584.45                |
| Hill Lead Mines                                                       | 21.21            | 1,361.58                |
| Hill Co. of Ocala, Kansas                                             |                  | 239.63                  |
| Concentrates in Exchange for East Helena Bag House Fume - Adj.        |                  | 39,647.93               |
| Hill Smelting & Refining Co. - Tooele Concentrates                    | 503.26           | 148,160.87              |
| Hill Slag Treating Plant - Bag House Fume                             | 2,809.02         | 734.26                  |
| Hill Lead for Casting                                                 | 3.56             | 2,017.86                |
| Hill Lead for Leaching                                                | 14.90            |                         |
| Hill Wire and Cable Company                                           |                  |                         |
| Hill & Pickling Solution Copper                                       | 2.82             | 94.47                   |
| <b>TOTAL</b>                                                          | <b>7,395.90</b>  | <b>445,386.20</b>       |
| <b>MINN ZINC CO. OF ILLINOIS - TOLL</b>                               |                  |                         |
| Main                                                                  | 838.72           | -                       |
| Main                                                                  | 660.36           | -                       |
| <b>MINN METALS REDUCTION CO. - TOLL</b>                               |                  |                         |
| Main                                                                  | 2,069.12         | 36,498.81               |
| Main                                                                  | 4,029.62         | 23,604.33               |
| <b>MINN MINING &amp; SMELTING COMPANY - TOLL</b>                      |                  |                         |
| Main - Wallace                                                        | 3,613.83         | 9,575.20                |
| <b>MINN SMELTING, REFINING &amp; MINING CO. - TOLL</b>                |                  |                         |
| Main                                                                  | 4,811.18         | 78,856.33               |
| Main                                                                  | 243.42           | 2,582.93                |
| <b>MINN MINERALS &amp; METALS CORP. - TOLL</b>                        |                  |                         |
| Main Dodge                                                            | 5,036.11         | 22,379.43               |
| <b>MINN SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL</b> |                  |                         |
| Main (Contract SGA-TS-16938)                                          | 6,007.97         | 12,314.97               |
| Main                                                                  | 24.98            | 69.06                   |
| Main                                                                  | 2,035.41         | 4,793.71                |
| <b>TOTAL TOLL</b>                                                     | <b>29,370.72</b> | <b>190,674.86</b>       |
| <b>TOTAL CARRIED FORWARD</b>                                          | <b>41,261.30</b> | <b>1,180,708.31</b>     |

PNYC 00012059

LAKE ONDA COPPER MINING COMPANY  
OLYMPIC KING PLANT - ALACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEPARTMENT  
COST OF TREATMENT AND PRODUCTION  
APRIL - 1990

|                                                  | Time Dry<br>Weight | Mining or<br>Purchase<br>Cost | Reduction<br>Expense | Transport-<br>ation<br>Expense | TOTAL           |
|--------------------------------------------------|--------------------|-------------------------------|----------------------|--------------------------------|-----------------|
|                                                  | 4,293.42           | \$ 355,213.04                 |                      |                                | \$ 355,213.04   |
|                                                  |                    | 134,154.55                    |                      |                                | 134,154.55      |
|                                                  |                    | 760.42                        |                      |                                | 760.42          |
|                                                  |                    | 21,073.26                     |                      |                                | 21,073.26       |
|                                                  |                    | 4,864.94                      |                      |                                | 4,864.94        |
|                                                  |                    | 9,826.82                      |                      |                                | 9,826.82        |
|                                                  |                    | 2,110.11                      |                      |                                | 2,110.11        |
|                                                  | 201.35             | 14,343.85                     |                      |                                | 14,343.85       |
|                                                  | 4,494.77           | \$ 544,647.29                 |                      |                                | \$ 544,647.29   |
| Line                                             | 1,349.57           | 69,646.42                     |                      |                                | 69,646.42       |
|                                                  | 1,734.73           | 112,049.19                    |                      |                                | 112,049.19      |
|                                                  | 897.44             | 64,492.15                     |                      |                                | 64,492.15       |
|                                                  | 43.89              | 2,132.52                      |                      |                                | 2,132.52        |
|                                                  | 51.52              | 3,548.45                      |                      |                                | 3,548.45        |
|                                                  | 21.21              | 1,361.59                      |                      |                                | 1,361.59        |
| in Bag House Pans - M.J.<br>Contributors<br>Pans | 903.88             | 238.81                        |                      |                                | 238.81          |
|                                                  | 7,889.02           | 39,447.91                     |                      |                                | 39,447.91       |
|                                                  | 3.96               | 148,180.81                    |                      |                                | 148,180.81      |
|                                                  | 14.90              | 104.28                        |                      |                                | 104.28          |
|                                                  |                    | 2,827.88                      |                      |                                | 2,827.88        |
|                                                  | 1.82               | 84.87                         |                      |                                | 84.87           |
|                                                  | 7,385.98           | \$ 142,306.38                 |                      |                                | \$ 142,306.38   |
|                                                  | 328.78             |                               |                      |                                |                 |
|                                                  | 140.34             |                               |                      |                                |                 |
|                                                  | 2,889.12           | 1,004.82                      |                      |                                | 1,004.82        |
|                                                  | 1,889.42           | 1,004.82                      |                      |                                | 1,004.82        |
|                                                  | 3,883.43           | 9,825.28                      |                      |                                | 9,825.28        |
|                                                  | 4,881.18           | 78,094.33                     |                      |                                | 78,094.33       |
|                                                  | 243.42             | 4,982.33                      |                      |                                | 4,982.33        |
|                                                  | 5,886.28           | 22,779.36                     |                      |                                | 22,779.36       |
| FEDERAL SUPPLY - 1990                            | 4,887.97           | 22,311.97                     |                      |                                | 22,311.97       |
|                                                  | 24.98              | 89.84                         |                      |                                | 89.84           |
|                                                  | 2,885.11           | 4,723.77                      |                      |                                | 4,723.77        |
|                                                  | 28,370.22          | \$ 190,474.86                 |                      |                                | \$ 190,474.86   |
|                                                  | 41,281.30          | \$ 1,180,708.35               |                      |                                | \$ 1,180,708.35 |

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ANACONDA COPPER MINING COMPANY  
ELECTROLYTIC ZINC PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEPARTMENT  
COST OF TREATMENT AND PRODUCTION  
APRIL - 1950

| MATERIAL RECEIVED (CONTINUED)                                       | Tons Dry Weight  | Mining or Purchase Cost |
|---------------------------------------------------------------------|------------------|-------------------------|
| WEIGHT FORWARD                                                      | 41,261.30        | \$ 1,180,708.35         |
| Concentrate Purchase Expense                                        |                  |                         |
| Reduction Works - Freight Claim Recovered                           |                  |                         |
| Reduction Works - Freight Differential                              |                  |                         |
| Reduction Works                                                     |                  |                         |
| Reduction Department                                                |                  |                         |
| and Great Falls Reduction Departments - Electrolyzing and Casting   |                  |                         |
| Reduction Department - Cadmium Plant Expense                        |                  |                         |
| <b>TOTAL MATERIAL RECEIVED AND EXPENDITURES</b>                     | <b>41,261.30</b> | <b>\$ 1,180,708.35</b>  |
| and In Process - April 1, 1950                                      |                  |                         |
| Equivalent of Original Material                                     | 47,143.47        | 611,634.43              |
| <b>TOTAL</b>                                                        | <b>88,404.77</b> | <b>\$ 1,792,342.78</b>  |
| and In Process - April 30, 1950                                     |                  |                         |
| Equivalent of Original Material                                     | 48,647.38        | 570,234.10              |
| Purse Sale                                                          | 1.05             | 166.85                  |
| <b>TOTAL</b>                                                        | <b>48,648.43</b> | <b>\$ 570,400.95</b>    |
| <b>TOTAL EXPENSE</b>                                                | <b>39,756.34</b> | <b>\$ 1,221,941.83</b>  |
| <b>ZINC</b>                                                         |                  |                         |
| AMERICAN ZINC COMPANY OF ILLINOIS                                   | 1,614.32         | \$                      |
| COMBINED METALS REDUCTION COMPANY                                   | 3,408.99         |                         |
| FEDERAL MINING & SMELTING COMPANY                                   | 3,577.74         |                         |
| INTERNATIONAL MINERALS & METALS CORPORATION                         | 1,863.57         |                         |
| INTERNATIONAL MINERALS & METALS CORPORATION "TOLL ZINC NOT YET DUE" | 3,217.97         |                         |
| U.S. SMELTING, REFINING & MINING COMPANY                            | 4,981.25         |                         |
| U.S. SERV. ADMIN. - BUREAU OF FEDERAL SUPPLY                        | 6,147.85         |                         |
| PHILIPP BROTHERS, INC.                                              |                  |                         |
| <b>TOTAL TOLL</b>                                                   | <b>26,811.69</b> | <b>\$</b>               |
| <b>TOTAL</b>                                                        | <b>12,944.65</b> | <b>\$ 1,221,941.83</b>  |
| of By-Products                                                      |                  |                         |
| <b>BY EXPENSES</b>                                                  |                  |                         |
| Produced                                                            |                  | <b>ZINC</b>             |
| <b>ZINC</b>                                                         |                  | 36,363,430              |
| AMERICAN ZINC COMPANY OF ILLINOIS                                   |                  | 1,682,288               |
| COMBINED METALS REDUCTION COMPANY                                   |                  | 4,495,420               |
| FEDERAL MINING & SMELTING COMPANY                                   |                  | 3,276,148               |
| INTERNATIONAL MINERALS & METALS CORPORATION                         |                  | 1,708,618               |
| INTERNATIONAL MINERALS & METALS CORPORATION "TOLL ZINC NOT YET DUE" |                  | 3,000,000               |
| U.S. SMELTING, REFINING & MINING COMPANY                            |                  | 4,545,164               |
| FEDERAL SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY          |                  | <u>5,238,781</u>        |
| <b>TOTAL TOLL</b>                                                   |                  | <b>23,944,419</b>       |
| <b>SLABS PRODUCED - COMPANY</b>                                     |                  | <b>12,419,011</b>       |
| Pound of Zinc                                                       | 4.06594          |                         |

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1  
- Electrolyzing and Casting  
at Expense

| Tons Dry Weight | Mining or Purchase Cost | Reduction Expense | Transportation Expense | TOTAL           |
|-----------------|-------------------------|-------------------|------------------------|-----------------|
| 41,261.30       | \$ 1,180,708.35         | 5,772.56          | 27,082.35              | \$ 1,180,708.35 |
|                 |                         | 183,390.94        | 7,493.31               | 5,772.56        |
|                 |                         | 228,081.00        | 29,982.27              | 27,082.35       |
|                 |                         | 652,327.33        |                        | 7,493.31        |
|                 |                         | 80,763.85         |                        | 183,390.94      |
|                 |                         |                   |                        | 228,081.00      |
|                 |                         |                   |                        | 652,327.33      |
|                 |                         |                   |                        | 80,763.85       |
| 42,261.30       | \$ 1,180,708.35         | \$ 1,086,246.94   |                        | \$ 1,180,708.35 |
| 47,143.47       | \$ 1,180,708.35         | \$ 1,086,246.94   |                        | \$ 1,180,708.35 |
| 88,404.77       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 44,447.38       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1.85            | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 48,444.42       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 29,236.34       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,011.32        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,088.99        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,077.76        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,088.37        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,017.77        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,088.35        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 1,013.06        | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
|                 | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 26,088.20       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |
| 22,084.46       | \$ 1,180,708.35         | \$ 1,187,455.17   |                        | \$ 1,180,708.35 |

THE  
THE "TOLL KING" OF THE "TOLL"  
OF FEDERAL SUPPLY

12,419,021.

406594

PNYC 00012062

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

| MATERIAL RECEIVED                                                        | Tons Dry<br>Dry Weight | ZINC<br>Pounds    |
|--------------------------------------------------------------------------|------------------------|-------------------|
| <b>BUTTS HILL MINES:</b>                                                 |                        |                   |
| Burlingame Shaft                                                         | 4,293.42               | 4,297,699         |
| Burlingame Girl Shaft                                                    |                        |                   |
| Burlingame Shaft-Sulphide Concentrates                                   | 201.26                 | 197,344           |
| <b>TOTAL BUTTS HILL MINES</b>                                            | <b>4,494.68</b>        | <b>4,495,043</b>  |
| <b>Lexington Hill Dump Ore - Zinc - Lexington</b>                        | <b>1,349.57</b>        | <b>1,258,122</b>  |
| <b>Lexington Mine-Doma Sulphide Concentrates - Zinc</b>                  | <b>1,736.73</b>        | <b>1,827,122</b>  |
| <b>Illinois Zinc Co. - Darwin</b>                                        | <b>857.54</b>          | <b>932,999</b>    |
| <b>American Zinc Co. of Illinois - Ouray</b>                             | <b>45.99</b>           | <b>42,404</b>     |
| <b>Ouray Silver Mines</b>                                                | <b>51.52</b>           | <b>57,498</b>     |
| <b>Anaconda Lead Mines</b>                                               | <b>21.21</b>           | <b>22,411</b>     |
| <b>U.S. Smelting &amp; Refining Co. - Tooele Concentrates</b>            | <b>503.26</b>          | <b>583,282</b>    |
| <b>U.S. Slag Treating Plant - Bag House Fume</b>                         | <b>2,809.02</b>        | <b>3,837,823</b>  |
| <b>Processed Lead for Casting</b>                                        | <b>3.56</b>            | <b>7,110</b>      |
| <b>Processed Lead for Leaching</b>                                       | <b>14.90</b>           |                   |
| <b>Anaconda Wire and Cable Company</b>                                   |                        |                   |
| <b>Sale &amp; Pickling Solution Copper</b>                               | <b>2.60</b>            |                   |
| <b>TOTAL</b>                                                             | <b>7,395.90</b>        | <b>8,568,771</b>  |
| <b>AMERICAN ZINC CO. OF ILLINOIS - TOLL</b>                              |                        |                   |
| Maline                                                                   | 838.72                 | 1,000,103         |
| Paul Oreille                                                             | 660.36                 | 782,699           |
| <b>UNITED METALS REDUCTION CO. - TOLL</b>                                |                        |                   |
| Beaton                                                                   | 2,069.12               | 1,994,520         |
| Roches                                                                   | 4,029.62               | 4,190,575         |
| <b>LEAD MINING &amp; SMELTING CO. - TOLL</b>                             |                        |                   |
| Adair - Wallace                                                          | 3,613.83               | 3,904,923         |
| <b>U.S. SMELTING, REFINING &amp; MINING CO. - TOLL</b>                   |                        |                   |
| Ravale                                                                   | 4,811.18               | 5,019,457         |
| Millerville                                                              | 243.42                 | 275,611           |
| <b>U.S. MINERALS &amp; METALS CORP. - TOLL</b>                           |                        |                   |
| Ridge Dodge                                                              | 5,036.11               | 5,351,716         |
| <b>FEDERAL SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL</b> |                        |                   |
| Air (Contract SQW-16938)                                                 | 6,007.97               | 5,957,256         |
| Marville                                                                 | 24.98                  | 25,998            |
| Walker Hill                                                              | 2,035.41               | 2,142,842         |
| <b>TOTAL TOLL</b>                                                        | <b>29,370.72</b>       | <b>30,645,700</b> |
| <b>TOTAL CARRIED FORWARD</b>                                             | <b>41,261.30</b>       | <b>43,709,514</b> |

PNYC 00012063

ANACONDA COPPER MINING COMPANY  
 TOLTEC KINE PLANT - ANACONDA REDUCTION WORKS AND GREAT FALLS REDUCTION DEPARTMENT  
 TREATMENT, PRODUCTION AND LOSSES  
 APRIL - 1950

| Tons<br>Dry Weight | ZINC<br>Pounds | LEAD<br>Pounds | COPPER<br>Pounds | SILVER<br>Ounces | GOLD<br>Ounces |
|--------------------|----------------|----------------|------------------|------------------|----------------|
| 4,273.42           | 4,297,699      | 276,218        | 141,091          | 184,904.29       | 204.398        |
| 201.26             | 197,344        | 32,805         | 8,608            | 5,443.44         | 18.788         |
| 4,494.68           | 4,495,043      | 309,023        | 149,699          | 119,347.73       | 223.138        |
| 1,349.97           | 1,254,122      | 132,710        | 44,597           | 39,316.34        | 82.823         |
| 1,734.73           | 1,827,122      | 224,494        | 23,913           | 14,894.43        | 38.888         |
| 887.54             | 932,999        | 44,307         | 5,440            | 2,745.21         | 4.444          |
| 13.79              | 42,404         | 5,519          | 888              | 1,111.11         | 1.111          |
| 51.22              | 57,498         | 1,349          | 214              | 1,111.11         | 1.111          |
| 21.21              | 22,411         | 1,591          | 148              | 1,111.11         | 1.111          |
| 302.26             | 543,382        | 15,601         | 2,888            | 1,111.11         | 1.111          |
| 2,888.08           | 1,487,803      | 130,829        | -                | -                | -              |
| 14.88              | 7,118          | 29,882         | -                | -                | -              |
| 14.88              | -              | -              | -                | -                | -              |
| 2.48               | -              | -              | -                | -                | -              |
| 2,888.08           | 8,348,772      | 788,133        | 48,348           | 1,111.11         | 1.111          |
| 88.88              | 1,088,133      | 24,228         | 1,111            | 1,111.11         | 1.111          |
| 88.88              | 788,611        | 18,994         | 1,111            | 1,111.11         | 1.111          |
| 2,888.12           | 1,784,888      | 132,888        | 12,888           | 1,111.11         | 1.111          |
| 4,888.88           | 4,130,773      | 113,773        | 88,438           | 1,111.11         | 1.111          |
| 3,888.88           | 3,904,983      | 141,924        | 18,881           | 1,111.11         | 1.111          |
| 4,881.38           | 5,019,187      | 788,772        | 101,035          | 1,111.11         | 1.111          |
| 28.48              | 275,441        | 11,054         | 3,888            | 1,111.11         | 1.111          |
| 1,034.18           | 5,351,716      | 357,447        | 105,035          | 1,111.11         | 1.111          |
| 6,007.97           | 5,957,254      | 401,340        | 17,590           | 14,823.32        | 42.888         |
| 24.78              | 25,998         | 1,798          | 325              | 80.49            | 1.111          |
| 2,035.41           | 2,142,862      | 86,948         | 5,699            | 7,865.21         | 21.144         |
| 29,370.72          | 30,645,700     | 2,096,678      | 320,589          | 142,888.18       | 1,111.784      |
| 41,342.38          | 43,709,514     | 3,193,894      | 553,670          | 215,548.88       | 2,126.277      |

FEDERAL SUPPLY - 1001

PNYC 00012064

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

| MATERIAL RECEIVED (CONTINUED)                                           | Tons Dry<br>Weight | ZINC<br>Pounds | LEAD<br>Pounds |
|-------------------------------------------------------------------------|--------------------|----------------|----------------|
| BOUGHT FORWARD                                                          | 41,261.30          | 43,709,514     | 3,193,894      |
| TOTAL RECEIPTS                                                          | 41,261.30          | 43,709,514     | 3,193,894      |
| Hand and In Process - April 1, 1950<br>Equivalent of Original Material  | 47,143.47          | 43,359,726     | 3,435,634      |
| TOTAL                                                                   | 88,404.77          | 87,069,240     | 6,629,528      |
| Hand and In Process - April 30, 1950<br>Equivalent of Original Material | 48,647.38          | 44,890,164     | 3,611,656      |
| Price Sale                                                              | 1.05               | 1,518          | 118            |
| TOTAL                                                                   | 48,648.43          | 44,891,682     | 3,611,774      |
| TOTAL TREATMENT                                                         | 39,756.34          | 42,177,538     | 3,017,754      |
| WILL ZINC                                                               |                    |                |                |
| AMERICAN ZINC COMPANY OF ILLINOIS                                       | 1,614.32           | 1,956,149      |                |
| MINERAL METALS REDUCTION COMPANY                                        | 5,428.99           | 5,619,275      |                |
| MINERAL MINING & SMELTING COMPANY                                       | 3,577.74           | 3,808,497      |                |
| INTERNATIONAL MINERALS & METALS CORPORATION                             | 1,865.57           | 1,976,745      |                |
| INTERNATIONAL MINERALS & METALS CORPORATION                             |                    |                |                |
| "WILL ZINC NOT YET DUE"                                                 | 3,217.97           | 3,431,317      |                |
| I.L. SMELTING, REFINING & MINING COMPANY                                | 4,981.25           | 5,176,253      |                |
| U.S. SERV. ADMIN. - BUREAU OF FEDERAL SUPPLY                            | 6,147.85           | 6,149,319      |                |
| ELLIOTT BROTHERS, INC.                                                  |                    |                |                |
| TOTAL TOLL                                                              | 26,811.69          | 28,137,555     |                |
| NET TREATMENT                                                           | 12,944.65          | 14,040,003     | 3,017,754      |
| Loss Produced - Company                                                 |                    |                |                |
| Loss Produced - Toll                                                    |                    | 12,419,011     |                |
| AMERICAN ZINC COMPANY OF ILLINOIS                                       |                    | 1,682,288      |                |
| MINERAL METALS REDUCTION COMPANY                                        |                    | 4,495,420      |                |
| MINERAL MINING & SMELTING COMPANY                                       |                    | 3,276,148      |                |
| INTERNATIONAL MINERALS & METALS CORPORATION                             |                    | 1,706,618      |                |
| INTERNATIONAL MINERALS & METALS CORPORATION                             |                    |                |                |
| "WILL ZINC NOT YET DUE"                                                 |                    | 3,000,000      |                |
| I.L. SMELTING, REFINING & MINING COMPANY                                |                    | 4,545,164      |                |
| U.S. SERV. ADMIN. - BUREAU OF FEDERAL SUPPLY                            |                    | 5,238,781      |                |
| PRODUCED:                                                               |                    |                |                |
| WILL                                                                    |                    |                |                |
| ELLIOTT BROTHERS, INC.                                                  |                    |                |                |
| MINERAL MINING & SMELTING COMPANY                                       |                    |                |                |
| INTERNATIONAL MINERALS & METALS CORPORATION                             |                    |                |                |
| I.L. SMELTING, REFINING & MINING COMPANY                                |                    |                |                |
| U.S. SERV. ADMIN. - BUREAU OF FEDERAL SUPPLY                            |                    |                |                |
| Losses Produced                                                         |                    |                |                |
| Sludge Produced                                                         |                    |                |                |
| Sulphate Solution Produced                                              |                    |                |                |
| TOTAL ZINC PRODUCED                                                     |                    | 19,201         |                |
| TOTAL CADMIUM PRODUCED                                                  |                    | 36,382,631     |                |
| Waste and Purification Copper Residue Produced                          |                    |                | 2,729,375      |
| Recovery                                                                |                    | 5,794,927      | 288,379        |
|                                                                         |                    | 86,2615        | 90,4445        |

PNYC 00012065



GREAT COPPER MINING COMPANY  
 RECONSTRUCTION WORKS AND GREAT FALLS RECONSTRUCTION DEPARTMENT  
 TREATMENT, PRODUCTION AND LOSSES  
 APRIL - 1990

| Time By Weight    | IRON Pounds        | LEAD Pounds       | COPPER Pounds | SILVER Ounces | GOLD Ounces | CARBON Pounds |
|-------------------|--------------------|-------------------|---------------|---------------|-------------|---------------|
| 41,261.30         | 43,709,514         | 3,193,894         | 553,670       | 315,545.89    | 2,196.277   |               |
| 41,261.30         | 43,709,514         | 3,193,894         | 553,670       | 315,545.89    | 2,196.277   |               |
| 47,143.47         | 43,359,726         | 3,435,634         | 1,342,083     | 437,944.58    | 2,395.543   |               |
| 88,468.77         | 87,049,240         | 6,829,328         | 1,834,723     | 733,534.47    | 4,338.883   |               |
| 48,447.38<br>1.00 | 44,890,144<br>1.00 | 3,611,656<br>1.00 | 1,413,643     | 414,985.19    | 1,400.139   |               |
| 48,447.38         | 44,891,888         | 3,611,774         | 1,413,643     | 414,985.19    |             |               |
| 39,794.34         | 42,177,398         | 3,017,754         | 518,090       | 376,488.86    |             |               |

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|           |          |            |           |
|-----------|----------|------------|-----------|
| 2,729,375 | 510,311  | 304,916.49 | 1,948,388 |
| 5,794,927 | 286,379  | 8,779      | 33,692.79 |
| 86,261.5  | 90,444.5 | 98,308     | 90,090    |

288,196

74,180

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT INVENTORY  
ON HAND AND IN PROCESS - EQUIVALENT OF ORIGINAL MATERIAL  
APRIL 30, 1950

|                                                       | Tons Dry<br>Weight | Reduction<br>Expense | Transporta-<br>tion<br>Expense | Mining or<br>Purchase<br>Expense | ZINC<br>Pounds |
|-------------------------------------------------------|--------------------|----------------------|--------------------------------|----------------------------------|----------------|
| <b>STOCK PILE</b>                                     |                    |                      |                                |                                  |                |
| <b>ORIGINAL MATERIAL</b>                              |                    |                      |                                |                                  |                |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Chapp Co. - Manganese Tailings                        | 293.52             |                      |                                |                                  |                |
| <b>TOTAL ORIGINAL MATERIAL IN STOCK PILE</b>          |                    |                      |                                |                                  |                |
| 293.52                                                |                    |                      |                                |                                  |                |
| <b>ORIGINAL MATERIAL</b>                              |                    |                      |                                |                                  |                |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Mill Mine - Anselmo Shaft                             | 998.25             | \$                   | \$ 454.20                      | \$ 49,424.42                     | 936,845        |
| <b>MC HOUSE FUME</b>                                  |                    |                      |                                |                                  |                |
| House Fume                                            | 77.55              | -                    | 207.69                         | 3,821.35                         | 111,353        |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Silver Mines                                          | 51.52              | 11.01                | 27.87                          | 2,830.50                         | 57,498         |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Metals Reduction Co. - Stockton                       | 495.88             |                      |                                | 5,696.36                         | 473,961        |
| " - Pioche                                            | 672.12             |                      |                                | 2,751.35                         | 698,968        |
| National Minerals & Metals Corp. - Phelps Dodge       | 552.08             |                      |                                | 2,453.33                         | 596,674        |
| Mining & Smelting Co. - Wallace                       | 723.12             |                      |                                | 855.85                           | 768,482        |
| Smelting, Refining & Mining Co. - Midvale             | 169.38             |                      |                                | 2,168.31                         | 177,324        |
| Gov. Admin. - Bureau of Fed. Supply - Star            | 321.01             |                      |                                | 381.26                           | 312,847        |
| " " " - Bunker Hill                                   | 106.85             |                      |                                | 128.66                           | 111,282        |
| <b>TOTAL TOLL</b>                                     |                    |                      |                                |                                  |                |
| 3,041.44                                              | \$                 | 877.06               | \$ 1,520.64                    | \$ 14,435.12                     | 3,136,538      |
| <b>TOTAL ORIGINAL MATERIAL IN PLANT</b>               |                    |                      |                                |                                  |                |
| 4,364.38                                              | \$                 | 888.07               | \$ 2,210.40                    | \$ 70,511.39                     | 4,242,234      |
| <b>PROCESS MATERIAL</b>                               |                    |                      |                                |                                  |                |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Mill Mine - Anselmo Shaft                             | 3,477.98           |                      |                                | \$ 179,669.59                    | 3,392,857      |
| " - Orphan Girl Shaft                                 | 30.52              |                      |                                | 1,337.11                         | 34,830         |
| <b>TOTAL</b>                                          |                    |                      |                                |                                  |                |
| 3,508.50                                              | \$                 | 16,543.36            | \$ 1,661.78                    | \$ 181,006.70                    | 3,427,687      |
| <b>ZINC CONCENTRATES - EXCESS RESIDUE METALS:</b>     |                    |                      |                                |                                  |                |
| Mill Mine - Anselmo Shaft Excess                      | 639.28             |                      |                                | 17,940.57                        | -              |
| " - Orphan Girl Excess                                | 20.57              |                      |                                | 988.92                           | -              |
| <b>TOTAL</b>                                          |                    |                      |                                |                                  |                |
| 659.85                                                | -                  | -                    | -                              | \$ 18,929.49                     | -              |
| <b>MC HOUSE FUME</b>                                  |                    |                      |                                |                                  |                |
| Smelting & Refining Co. - Tooele - Cadmium Value only | 19.24              | -                    | -                              | 33,722.46                        |                |
| <b>ZINC CONCENTRATES:</b>                             |                    |                      |                                |                                  |                |
| Zinc Co. of Illinois - Metaline                       | 838.72             |                      |                                | -                                | 990,722        |
| " - Pend Oreille                                      | 660.36             |                      |                                | -                                | 775,343        |
| Metals Reduction Co. - Stockton                       | 1,572.24           |                      |                                | 18,024.58                        | 1,512,207      |
| " - Pioche                                            | 3,357.50           |                      |                                | 13,744.08                        | 3,488,740      |
| Minerals & Metals Corp. - Phelps Dodge                | 1,266.06           |                      |                                | 5,626.11                         | 1,291,301      |
| Mining & Smelting Co. - Wallace                       | 2,890.71           |                      |                                | 3,421.29                         | 3,136,441      |
| Smelting, Refining & Mining Co. - Midvale             | 4,641.80           |                      |                                | 59,421.91                        | 4,842,133      |
| " - Telluride                                         | 243.42             |                      |                                | 1,604.12                         | 275,313        |
| Gov. Admin. - Bureau of Fed. Supply - Amarillo        | 24.98              |                      |                                | 50.82                            | 25,998         |
| " " " - Bunker Hill                                   | 1,928.56           |                      |                                | 2,322.18                         | 2,029,560      |
| " " " - Star                                          | 5,686.96           |                      |                                | 7,020.73                         | 5,643,354      |
| <b>TOTAL TOLL</b>                                     |                    |                      |                                |                                  |                |
| 23,111.31                                             | \$                 | 104,025.32           | \$ 11,640.92                   | \$ 111,235.82                    | 24,011,112     |
| <b>TOTAL PROCESS MATERIAL</b>                         |                    |                      |                                |                                  |                |
| 27,299.00                                             | \$                 | 120,568.68           | \$ 13,302.70                   | \$ 344,894.47                    | 27,438,799     |
| <b>EXCESS RESIDUE METALS</b>                          |                    |                      |                                |                                  |                |
| 3,001.52                                              | -                  | -                    | -                              | \$ 81,254.17                     | -              |
| <b>CORRECTING FLUE DUST</b>                           |                    |                      |                                |                                  |                |
| 13,982.48                                             | -                  | \$ 6,403.97          | \$ 73,574.07                   |                                  | 13,209,131     |
| <b>GRAND TOTAL</b>                                    |                    |                      |                                |                                  |                |
| 48,647.38                                             | \$                 | 121,456.75           | \$ 21,917.07                   | \$ 570,234.10                    | 44,890,164     |

PNYC 00012067

(5)

*[Handwritten signature]*

PNYC 00012068

# ANACONDA COPPER MINING COMPANY

ANACONDA AND GREAT FALLS ZINC PLANT INVENTORY  
FINISHED MATERIAL ON HAND - APRIL 30, 1930

| Net Weight<br>Tons | Net<br>Value | Zinc<br>Pounds |
|--------------------|--------------|----------------|
|--------------------|--------------|----------------|

Block  
out

## GREAT FALLS

Residue in Hops and Cans  
Residue in Tanks to Hot Bottom

TOTAL

## ANACONDA

Residue in Tanks to Hot Bottom

Residue in Hops

TOTAL

## ANACONDA

Residue in Tanks to Hot Bottom

Residue in Hops

TOTAL

GRAND TOTAL

|          |              |  |
|----------|--------------|--|
| 288.75   |              |  |
| 870.45   |              |  |
| 1,159.20 | \$ 25,954.35 |  |
| 485.77   |              |  |
| 138.80   |              |  |
| 624.57   | \$ 14,723.40 |  |
| 1,209.77 | \$ 40,677.75 |  |

PNYC 00012069

(6)

(8)

ANACONDA COPPER MINING COMPANY

ANACONDA AND GREAT FALLS KING PLANT INVENTORY

FINISHED MATERIAL ON HAND - APRIL 30, 1936

| Net Weight<br>Tons | Net<br>Value | IRON<br>Pounds | LEAD<br>Pounds | COPPER<br>Pounds | SILVER<br>Ounces | GOLD<br>Pounds |
|--------------------|--------------|----------------|----------------|------------------|------------------|----------------|
| 205.75             |              | Block<br>out   | 74,979         | 4,887            |                  |                |
| 897.15             |              |                | 224,724        | 35,426           |                  |                |
| 1,102.90           | \$ 25,264.35 |                | 300,703        | 40,313           |                  |                |

244,000  
1,111,700

F.C.H.  
@ J.H.

PNYC 00012070

ANACONDA COPPER MINING COMPANY

VALUE OF BY-PRODUCTS PRODUCED - ANACONDA AND GREAT FALLS

APRIL - 1950

| SHIPMENTS                                               | Tons<br>Dry Weight | ZINC<br>Pounds | CADMIUM<br>Pounds | LEAD<br>Pounds  |
|---------------------------------------------------------|--------------------|----------------|-------------------|-----------------|
| Great Falls Zinc Residue to East Helena                 | 6,166.63           |                |                   | 1,402.5         |
| Great Falls Zinc Residue Loss in Transit to East Helena | 9.30               |                |                   | 2.2             |
| Anaconda Zinc Residue to East Helena                    | 4,280.04           |                |                   | 1,078.9         |
| Zinc Sulphate Solution to Anaconda Zinc Concentrator    | 9.60               | 19,201         |                   |                 |
| Wastewater Copper Residue to Anaconda Copper Plant      | 591.50             |                |                   | 65.84           |
| Wastewater                                              | 92.82              |                | 185,647           |                 |
| <b>TOTAL SHIPMENTS</b>                                  | <b>11,149.89</b>   | <b>19,201</b>  | <b>185,647</b>    | <b>2,549.54</b> |
| <b>STOCK APRIL 30, 1950</b>                             |                    |                |                   |                 |
| Waste Products - Great Falls                            | 1,159.20           |                |                   | 301.74          |
| Waste Products - Anaconda                               | 833.65             |                |                   | 186.73          |
| Waste at Great Falls                                    | 12.50              |                | 25,000            |                 |
| <b>TOTAL</b>                                            | <b>2,005.35</b>    | <b>-</b>       | <b>25,000</b>     | <b>488.47</b>   |
| <b>TOTAL</b>                                            | <b>13,155.24</b>   | <b>-</b>       | <b>210,647</b>    | <b>3,038.01</b> |
| <b>STOCK APRIL 1, 1950</b>                              | <b>1,323.37</b>    | <b>-</b>       | <b>90,054</b>     | <b>308.64</b>   |
| <b>TOTAL PRODUCTION</b>                                 | <b>11,831.87</b>   | <b>19,201</b>  | <b>160,593</b>    | <b>2,729.37</b> |
| Use of Residue Production                               |                    |                |                   |                 |
| Use of Zinc Sulphate Solution                           |                    |                |                   |                 |
| Use of Cadmium Production                               |                    |                |                   |                 |
| <b>TOTAL</b>                                            |                    |                |                   |                 |

\*For purpose of reconciliation only:  
Copper Paid For in Zinc Residue Produced:  
Anaconda                      None  
Great Falls                  49,931

PNYC 00012071

# ARACONDA COPPER MINING COMPANY

VALUE OF BY-PRODUCTS PRODUCED - ARACONDA AND GREAT FALLS

APRIL - 1990

|             | Tons Dry Weight | KING Pounds | CARBIDE Pounds | LEAD Pounds | COPPER Pounds | SILVER Ounces | GOLD Ounces | VALUE         |
|-------------|-----------------|-------------|----------------|-------------|---------------|---------------|-------------|---------------|
| East Helena | 6,344.43        |             |                | 1,408,967   | 174,331       | 219,190.00    | 1,140,000   | \$ 301,377.41 |
|             | 9.30            |             |                | 2,244       | 21.30         | 300.75        | 1,000       | 400.40        |
|             | 1,200.01        |             |                | 1,070,908   | 10,207        | 44,304.00     | 64,300      | 134,911.30    |
| Montgomery  | 1.00            | 19,301      |                |             |               |               |             | 1,370.00      |
| Upper Flank | 301.30          |             |                | 44,000      | 277,941       | 10,004.10     | 10,000      | 10,000.00     |
|             | 30.00           |             | 105,447        |             |               |               |             |               |
|             | 11,300.00       | 19,301      | 105,447        | 1,409,908   | 301,764       | 227,077.00    | 1,140,000   |               |
|             | 1,000.00        |             |                | 300,000     | 27,001        | 30,000.00     |             |               |
|             | 100.00          |             |                | 100,000     | 0.007         | 10,000.00     |             |               |
|             | 10.00           |             | 10,000         |             |               |               |             |               |
|             | 10,000.00       | -           | 10,000         | 10,000      | 10,000        | 10,000.00     |             |               |
|             | 10,000.00       | -           | 10,000         | 10,000      | 10,000        | 10,000.00     |             |               |
|             | 1,000.00        | -           | 10,000         | 10,000      | 10,000        | 10,000.00     |             |               |
|             | 10,000.00       | 10,000      | 100,000        | 1,000,000   | 100,001       | 100,000.00    |             |               |

For purpose of reconciliation only:  
 Copper Paid For in Mine Residue Produced for East Helena  
 Aracunda None  
 Great Falls 49,731

8  
 + 1 Extra  
 for sample

OK  
 For use  
 Date 10/10/90

PNYC 00012072

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| TREATMENT                                                | Cost of Mining or Purchase | Transportation Expense | Reduction Expense   | Electrolyzing & Casting | Total Expense        | Tons Dry Weight  | Z Per Cent |
|----------------------------------------------------------|----------------------------|------------------------|---------------------|-------------------------|----------------------|------------------|------------|
| Mill Mine - Anselmo                                      | \$ 361,432.07              | \$29,006.23            | \$ 45,204.22        | \$ 67,636.92            | \$ 445,266.98        | 4,403.15         | 49.878     |
| - Orphan Girl                                            | 7,876.51                   | 31.50                  | 1,876.03            | 3,335.34                | 13,056.38            | 190.71           | 54.182     |
| - Orphan Girl                                            | 134,154.55                 | -                      | -                   | -                       | 134,154.55           | -                | -          |
| - Alice                                                  | 740.42                     | -                      | -                   | -                       | 740.42               | -                | -          |
| - Badger State                                           | 21,073.26                  | -                      | -                   | -                       | 21,073.26            | -                | -          |
| - Elm Orlu                                               | 4,864.94                   | -                      | -                   | -                       | 4,864.94             | -                | -          |
| - Lexington                                              | 9,826.82                   | -                      | -                   | -                       | 9,826.82             | -                | -          |
| - Poolin                                                 | 2,410.41                   | -                      | -                   | -                       | 2,410.41             | -                | -          |
| - Leonard                                                | -                          | 44.22                  | -                   | -                       | 44.22                | -                | -          |
| - Travona-Sulphide Concs                                 | 16,363.85                  | 1,261.80               | 2,084.71            | 3,040.84                | 20,227.60            | 201.26           | 49.027     |
| <b>TOTAL BUTTE HILL MINES</b>                            | <b>\$ 558,742.83</b>       | <b>\$30,343.75</b>     | <b>\$ 49,164.96</b> | <b>\$ 74,013.10</b>     | <b>\$ 651,577.14</b> | <b>4,795.12</b>  |            |
| Mill Dump Ore - Zinc - Lexington                         | 91,183.78                  | 5,913.73               | 17,465.49           | 23,087.95               | 125,823.49           | 1,720.52         | 45.969     |
| - Moulton                                                | -                          | 1,779.06               | -                   | -                       | 1,779.06             | -                | -          |
| Mill - Emma Sulphide Concs                               | 112,083.19                 | 10,191.93              | 17,952.85           | 28,635.26               | 148,479.37           | 1,736.73         | 52.602     |
| Mill - Manganese Tailings                                | -                          | -                      | -                   | -                       | -                    | 72.62            | -          |
| Mill - Darwin                                            | 72,932.67                  | 2,430.76               | 11,004.77           | 17,229.67               | 98,736.35            | 1,015.63         | 54.213     |
| Mill - Ouray                                             | 2,433.52                   | 85.89                  | 489.91              | 630.21                  | 3,487.73             | 45.99            | 46.101     |
| Mill - Victor                                            | -                          | 80.73                  | -                   | -                       | 80.73                | -                | -          |
| Mill - B. Stark                                          | -                          | 29.40                  | -                   | -                       | 29.40                | -                | -          |
| Mill - Silver Mines, Inc.                                | 3,810.50                   | 115.77                 | 610.93              | 956.92                  | 5,262.58             | 57.63            | 53.699     |
| Mill - Co. of Calaca, Kansas, in                         | -                          | -                      | -                   | -                       | -                    | -                | -          |
| Mill - for E. H. Bag House Pumps                         | 5,448.92                   | 177.68                 | 1,620.42            | 2,919.84                | 9,811.50             | 145.52           | 60.494     |
| Mill - Lead Mines Co.                                    | 1,361.55                   | 218.86                 | 226.56              | 344.04                  | 1,733.29             | 21.21            | 52.831     |
| Mill - Lease                                             | -                          | 537.71                 | -                   | -                       | 537.71               | -                | -          |
| Mill - Lease                                             | -                          | 123.20                 | -                   | -                       | 123.20               | -                | -          |
| Mill - Leasing Co.                                       | -                          | 277.95                 | -                   | -                       | 277.95               | -                | -          |
| Mill - Mining Co. - Highland Surprise                    | -                          | 175.69                 | -                   | -                       | 175.69               | -                | -          |
| Mill - Minerals                                          | -                          | 447.57                 | -                   | -                       | 447.57               | -                | -          |
| Mill - Smelting & Refining Co. - Camp Bird               | -                          | 73.74                  | -                   | -                       | 73.74                | -                | -          |
| Mill - Smelting & Refining Co. - Treadwell Concs         | -                          | -                      | -                   | -                       | -                    | -                | -          |
| Mill - Concentrates                                      | 39,647.91                  | 1,231.52               | 5,477.19            | 9,413.64                | 53,307.22            | 503.26           | 57.950     |
| Mill - Slag Treating Plant                               | -                          | -                      | -                   | -                       | -                    | -                | -          |
| Mill - Pumps                                             | 148,117.32                 | 12,318.93              | 28,325.11           | 64,923.71               | 229,047.21           | 2,809.36         | 68.348     |
| Mill - Lead - For Casting Plant                          | -                          | 734.26                 | -                   | -                       | 734.26               | 3.56             | 100.000    |
| Mill - Lead - For Leaching Plant                         | 2,017.86                   | -                      | -                   | -                       | 2,017.86             | -                | -          |
| Mill - Anacoda Wire & Cable Co. - Scale                  | -                          | -                      | -                   | -                       | -                    | 14.90            | -          |
| Mill - Selling Solution Copper                           | 3,493.46                   | -                      | -                   | -                       | 3,493.46             | 2.60             | -          |
| <b>TOTAL</b>                                             | <b>\$ 483,264.94</b>       | <b>\$35,134.70</b>     | <b>\$ 83,173.23</b> | <b>\$ 148,141.24</b>    | <b>\$ 679,444.71</b> | <b>8,149.53</b>  |            |
| <b>ANACONDA ZINC COMPANY OF ILL.-TOLL</b>                |                            |                        |                     |                         |                      |                  |            |
| Mill - Wallace                                           | -                          | 2,217.98               | 10,979.49           | 19,722.65               | 28,484.16            | 1,010.61         | 60.312     |
| Mill - O'Neill                                           | -                          | 1,163.82               | 6,566.62            | 11,881.64               | 17,284.44            | 603.71           | 61.049     |
| Mill - O'Neill                                           | -                          | .52                    | -                   | -                       | .52                  | -                | -          |
| <b>ANACONDA METALS REDUCTION CO.-TOLL</b>                |                            |                        |                     |                         |                      |                  |            |
| Mill - Wallace                                           | 29,996.29                  | 3,434.66               | 20,568.92           | 27,687.08               | 74,817.63            | 1,850.10         | 48.789     |
| Mill - Wallace                                           | 22,648.34                  | 4,594.42               | 38,714.41           | 59,612.37               | 116,380.70           | 3,558.89         | 53.584     |
| <b>ANACONDA MINING &amp; SMELTING CO.-TOLL</b>           |                            |                        |                     |                         |                      |                  |            |
| Mill - Wallace                                           | 10,835.95                  | 12,942.88              | 39,962.76           | 56,510.76               | 120,252.35           | 3,577.74         | 53.225     |
| Mill - Wallace                                           | -                          | 114.99                 | -                   | -                       | 114.99               | -                | -          |
| <b>ANACONDA MINERALS &amp; METALS CORP.-TOLL</b>         |                            |                        |                     |                         |                      |                  |            |
| Mill - Dodge                                             | 21,744.66                  | 4,674.48               | 55,862.53           | 82,744.68               | 155,677.39           | 5,081.54         | 53.410     |
| <b>ANACONDA BROTHERS, INC.-TOLL</b>                      |                            |                        |                     |                         |                      |                  |            |
| Mill - Wallace                                           | -                          | 184.58                 | 670.21              | -                       | 485.63               | -                | -          |
| <b>ANACONDA SMELTING, REFINING &amp; MINING CO.-TOLL</b> |                            |                        |                     |                         |                      |                  |            |
| Mill - Wallace                                           | 77,528.92                  | 52.76                  | 50,852.52           | 75,066.57               | 217,204.40           | 4,733.49         | 51.683     |
| Mill - Wallace                                           | 2,608.72                   | 13,756.39              | 2,755.20            | 4,565.24                | 9,427.80             | 247.76           | 57.201     |
| <b>TOTAL CARRIED FORWARD</b>                             | <b>\$ 165,362.88</b>       | <b>\$ 9,866.26</b>     | <b>\$226,932.66</b> | <b>\$ 337,790.99</b>    | <b>\$ 739,952.79</b> | <b>20,663.84</b> |            |

PNYC 00012073



COPPER MINING COMPANY  
 AND-GREAT FALLS ALUM PLANT  
 APRIL - 1950

|   | Electro-<br>lyzing &<br>Casting | Total<br>Expense | ZINC               |             | LEAD      |             | COPPER  |             | SILVER            |        | GOLD              |        |           |
|---|---------------------------------|------------------|--------------------|-------------|-----------|-------------|---------|-------------|-------------------|--------|-------------------|--------|-----------|
|   |                                 |                  | Tons Dry<br>Weight | Per<br>Cent | Pounds    | Per<br>Cent | Pounds  | Per<br>Cent | Ounces Per<br>Ton | Ounces | Ounces Per<br>Ton | Ounces |           |
| 2 | \$ 67,636.92                    | \$ 445,264.98    | 4,403.15           | 49.878      | 4,392,394 | 2.527       | 222,571 | 1.231       | 108,441           | 29.153 | 128,363.83        | .0844  | 371.736   |
| 3 | 3,335.34                        | 13,046.38        | 190.71             | 54.182      | 204,662   | 6.179       | 23,568  | .184        | 701               | 16.263 | 3,101.55          | .0432  | 8.244     |
|   |                                 | 134,154.55       |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 740.42           |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 21,073.26        |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 4,864.94         |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 9,826.83         |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 2,410.41         |                    |             |           |             |         |             |                   |        |                   |        |           |
|   |                                 | 44.22            |                    |             |           |             |         |             |                   |        |                   |        |           |
| 1 | 3,040.84                        | 20,227.48        | 201.26             | 49.027      | 197,344   | 8.150       | 32,805  | 2.139       | 8,608             | 27.047 | 5,443.44          | .0933  | 18.789    |
| 6 | \$ 74,013.18                    | \$ 451,577.14    | 4,795.12           |             | 4,796,400 |             | 278,944 |             | 117,798           |        | 136,908.82        |        | 378.748   |
| 9 | 23,095.98                       | 123,823.48       | 1,780.52           | 45.949      | 1,582,813 | 5.145       | 177,041 | 1.748       | 60,136            | 29.277 | 98,570.94         | .0144  | 1,006.377 |
| 5 | 28,828.28                       | 116,179.37       | 1,736.75           | 50.408      | 1,827,122 | 6.483       | 284,494 | .688        | 23,713            | 9.287  | 16,994.43         | .0288  | 77.460    |
| 7 | 18,488.87                       | 98,728.12        | 1,845.12           | 50.313      | 1,848,204 | 2.840       | 57,690  | .325        | 6,687             | 3.399  | 3,282.83          | .0137  | 1,000.000 |
| 1 | 57,828.00                       | 2,478,700.00     | 44.57              | 44.57       | 43,404    | 5.808       | 5,512   | .900        | 828               | 1.688  | 3,382.00          | .0028  | 1,000.000 |
| 3 |                                 | 1,234.56         | 37.48              | 50.308      | 62,704    | 1.304       | 1,229   | .208        | 236               | 8.188  | 24.00             | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 3 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 2 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 6 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 9 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 5 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 7 |                                 | 1,000.00         | 100.00             | 50.000      | 100,000   | 1.000       | 1,000   | .100        | 100               | 1.000  | 100.00            | .0028  | 1,000.000 |
| 1 |                                 | 1,000.00         | 100.00             | 50.000      |           |             |         |             |                   |        |                   |        |           |

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| EQUIPMENT (Cont'd)                          | Cost of Mining or Purchase        | Transportation Expense                    | Reduction Expense                   | Electrolyzing & Casting                              | Total Expense                              | Tons Dry Weight    | Z I N C          |                      | L E A D        |                 |
|---------------------------------------------|-----------------------------------|-------------------------------------------|-------------------------------------|------------------------------------------------------|--------------------------------------------|--------------------|------------------|----------------------|----------------|-----------------|
|                                             |                                   |                                           |                                     |                                                      |                                            |                    | Per Cent         | Pounds               | Per Cent       | Pounds          |
| FORWARD                                     | \$ 165,362.88                     | \$ 9,866.26                               | \$226,932.66                        | \$337,790.99                                         | \$ 739,952.79                              | 20,663.84          |                  | 21,988,236           |                | 1,499,11        |
| ADMINISTRATION -<br>L SUPPLY<br>CW-TS-16938 | 10,848.72<br>1,379.53<br>2,342.93 | 11,515.60<br>1,581.82<br>4.73<br>3,883.71 | 60,955.49<br>6,325.41<br><br>225.10 | 80,380.80<br>8,895.44<br>2,338.20<br>.04<br>3,658.61 | 140,669.41<br>15,018.56<br>2,338.20<br>.04 | 5,539.69<br>608.16 | 50.269<br>47.669 | 5,569,517<br>579,802 | 3.242<br>2.761 | 359,14<br>33,51 |
|                                             | 179,934.06                        | 7,119.64                                  | 294,438.66                          | 427,067.23                                           | 894,320.31                                 | 26,811.69          |                  | 28,137,555           |                | 1,891,8         |
|                                             | \$ 1,221,941.83                   | \$ 72,598.09                              | \$426,776.85                        | \$649,221.57                                         | \$2,225,342.16                             | 39,756.34          |                  | 42,177,558           |                | 3,017,7         |
| CO. OF ILLINOIS                             |                                   |                                           | 19,488.90                           | 35,103.68                                            | 54,592.58                                  | 1,614.32           |                  | 1,956,149            |                |                 |
| REDUCTION CO.                               |                                   |                                           | 64,888.91                           | 95,554.12                                            | 160,443.03                                 | 5,406.99           |                  | 5,619,275            |                |                 |
| AND SMELTING CO.                            |                                   |                                           | 52,703.73                           | 74,527.58                                            | 127,231.31                                 | 3,577.74           |                  | 3,808,497            |                |                 |
| MINERALS & METALS CORP.<br>at "Yet Due"     |                                   |                                           | 27,746.68                           | 41,098.93                                            | 68,845.61                                  | 1,863.57           |                  | 1,976,745            |                |                 |
| MINERALS & METALS CORP.<br>at "Yet Due"     |                                   |                                           | 40,458.73                           | 59,928.28                                            | 100,387.01                                 | 3,217.97           |                  | 3,451,317            |                |                 |
| CS, INC.                                    |                                   |                                           | 892.60                              |                                                      | 892.60                                     |                    |                  |                      |                |                 |
| REFINING & MINING COMPANY                   |                                   |                                           | 66,795.26                           | 99,221.30                                            | 166,016.56                                 | 4,981.25           |                  | 5,176,253            |                |                 |
| ADMINISTRATION -<br>MERAL SUPPLY            |                                   |                                           | 104,643.18                          | 138,389.92                                           | 243,033.10                                 | 6,147.85           |                  | 6,149,319            |                |                 |
|                                             |                                   |                                           |                                     | \$377,617.99                                         | \$543,823.81                               | \$ 921,441.80      |                  | 26,811.69            |                | 28,137,555      |
| GRT                                         | \$ 1,221,941.83                   | \$ 72,598.09                              | \$ 49,158.86                        | \$105,397.76                                         | \$1,303,900.36                             | 12,944.65          |                  | 14,040,003           |                | 3,017,7         |

PNYC 00012075

ONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| n | Electro-<br>lyzing &<br>Casting | Total<br>Expense | ZINC               |             |            | LEAD        |           | COPPER      |         | SILVER          |            | GOLD            |           |
|---|---------------------------------|------------------|--------------------|-------------|------------|-------------|-----------|-------------|---------|-----------------|------------|-----------------|-----------|
|   |                                 |                  | Tons Dry<br>Weight | Per<br>Cent | Pounds     | Per<br>Cent | Pounds    | Per<br>Cent | Pounds  | Oss. Per<br>Ton | Ounces     | Oss. Per<br>Ton | Ounces    |
| 6 | \$337,790.99                    | \$ 739,952.79    | 20,663.84          |             | 21,988,236 |             | 1,499,115 |             | 263,666 |                 | 110,831.08 |                 | 1,057.128 |
| 9 | 80,380.80                       | 110,669.11       | 5,539.69           | 50.269      | 5,569,517  | 3.242       | 359,162   | .223        | 24,645  | 2.508           | 14,338.99  | .0054           | 38.937    |
| 1 | 8,895.44                        | 15,018.56        | 608.16             | 47.669      | 579,802    | 2.761       | 33,577    | 1.053       | 12,838  | 4.211           | 2,528.12   | .0087           | 17.144    |
|   |                                 | 2,328.20         |                    |             |            |             |           |             |         |                 |            |                 |           |
| 3 |                                 | 3,658.61         |                    |             |            |             |           |             |         |                 |            |                 |           |
| 6 |                                 | 994,304.31       | 26,881.88          |             | 28,137,592 |             | 1,891,865 |             | 302,100 |                 |            |                 |           |
| 5 |                                 | 225,112.28       | 37,754.31          |             | 42,177,589 |             | 3,812,754 |             | 519,098 |                 |            |                 |           |
| 0 |                                 |                  |                    |             | 1,254,100  |             |           |             |         |                 |            |                 |           |
| 1 |                                 |                  |                    |             | 5,819,700  |             |           |             |         |                 |            |                 |           |
| 3 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 8 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 3 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 0 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 5 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 3 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 7 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |
| 6 |                                 |                  |                    |             | 1,000,000  |             |           |             |         |                 |            |                 |           |

APR 1950  
F. C. C. C.

PNYC 00012076

ANACONDA COPPER MINING COMPANY

ANACONDA AND GREAT FALLS ZINC PLANT

APRIL - 1950

|                                                     | \$<br>Insol | \$<br>Fe |                                                                    |
|-----------------------------------------------------|-------------|----------|--------------------------------------------------------------------|
| Butte Hill Mine - Anselmo                           | 4.8         | 5.9      | AMERICAN ZINC COMPANY OF ILLINOIS                                  |
| - Orphan Girl                                       | 4.6         | 3.6      |                                                                    |
| - Travona - Sulphide Concentrates                   | 2.7         | 5.7      | Pand Oreille<br>Metaline                                           |
| Butte Hill Dump Ore - Lexington                     | 4.2         | 8.3      | COMBINED METALS REDUCTION COMPANY                                  |
| Leased Mine - Emma Sulphide Concentrates            | 2.6         | 5.1      | Stockton<br>Pioche                                                 |
| A. C. M. Co. - Darwin                               | 2.9         | 5.5      | FEDERAL MINING & SMELTING COMPANY                                  |
| American Zinc Co. of Illinois - Curay               | 6.7         | 6.9      | Federal - Wallace                                                  |
| Clayton Silver Mines                                | 1.6         | 5.7      | INTERNATIONAL MINERALS & METALS CO                                 |
| Eagle-Picher                                        | 3.5         | 1.1      | Phelps Dodge                                                       |
| Goldsboro Lead Mines                                | 4.8         | 6.0      | U. S. SMELTING, REFINING & MINING                                  |
| Goole Concentrates                                  | 2.0         | 3.7      | Midvale<br>Telluride                                               |
| East Helena Slag Treating Plant -<br>Bag House Fume | 0.2         | 0.2      | GENERAL SERVICES ADMINISTRATION -<br>BUREAU OF FEDERAL SUPPLY - TO |
|                                                     |             |          | Star<br>Amarillo                                                   |

PNYC 00012077

10

8

ANACONDA COPPER MINING COMPANY

ANACONDA AND GREAT FALLS ZINC PLANT

APRIL - 1950

|  | \$    | \$  |
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|  | Incl. | Ex. |

|              |     |     |
|--------------|-----|-----|
|              | 4.8 | 5.2 |
|              | 4.8 | 5.6 |
| Concentrates | 2.7 | 5.7 |
|              | 4.2 | 6.3 |

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|--------|-----|-----|
| Prices | 2.8 | 5.1 |
|        | 2.8 | 5.1 |

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AMERICAN ZINC COMPANY OF ILLINOIS - TOLL

Pand Oreille

Metaline

COMBINED METALS REDUCTION COMPANY - TOLL

Stockton

Flabbe

FEDERAL MINING & SMELTING COMPANY - TOLL

Federal - Wallace

INTERNATIONAL MINERALS & METALS CORP. - TOLL

Phelps Dodge

U. S. SMELTING, REFINING & MINING CO. - TOLL

Midvale

Palladium

AMERICAN MINING & SMELTING CO. - TOLL

Star

Amerville

|  | \$    | \$  |
|--|-------|-----|
|  | Incl. | Ex. |

|  |     |     |
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|  | 2.9 | 5.1 |
|  | 2.9 | 5.1 |

PNYC 00012078

C. J. Galt

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| PRODUCTION                                                         | CADMIUM<br>POUNDS | ZINC OXIDE<br>ZINC<br>POUNDS | ZINC IN DROSS<br>ZINC<br>POUNDS | ZINC SULPHATE<br>ZINC<br>POUNDS |
|--------------------------------------------------------------------|-------------------|------------------------------|---------------------------------|---------------------------------|
| 1 Mine - Anselmo                                                   | 12,971            |                              |                                 | 2,450                           |
| - Orphan Girl                                                      | 594               |                              |                                 |                                 |
| - Travona Sulphide Concentrates                                    | 593               |                              |                                 |                                 |
| <b>TOTAL BUTTE HILL MINES</b>                                      | <b>14,158</b>     | <b>-</b>                     | <b>-</b>                        | <b>2,450</b>                    |
| 1 Mine - Emma Sulphide Concentrates                                | 4,746             |                              |                                 | 836                             |
| 1 Mine - Manganese Tailings                                        | 5,227             |                              |                                 | 1,037                           |
| 1 Mine - Darwin                                                    | 6,314             |                              |                                 |                                 |
| 1 Mine - Co. of Illinois - Ouray                                   | 205               |                              |                                 |                                 |
| 1 Mine - Silver Mines                                              | 258               |                              |                                 |                                 |
| 1 Mine - Zinc Concentrates in Exchange for East Helena Furnace     | 1,283             |                              |                                 |                                 |
| 1 Mine - Lead Mines                                                | 112               |                              |                                 |                                 |
| 1 Mine - Smelting & Refining Co. - Tooele Concentrates             | 3,696             |                              |                                 |                                 |
| 1 Mine - Flag Treating Plant - Bag House Furnace                   |                   |                              |                                 |                                 |
| 1 Mine - For Casting Plant                                         |                   |                              |                                 |                                 |
| 1 Mine - For Leaching Plant                                        |                   |                              |                                 |                                 |
| 1 Mine - Wire & Cable Co. - Seals & Pickling Solution              |                   |                              |                                 |                                 |
| <b>TOTAL</b>                                                       | <b>21,841</b>     | <b>-</b>                     | <b>-</b>                        | <b>1,873</b>                    |
| 1 Mine - Co. of Illinois - TOLL                                    |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 3,793             |                              |                                 | 739                             |
| 1 Mine - AZCo.                                                     |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 2,535             |                              |                                 |                                 |
| 1 Mine - AZCo.                                                     |                   |                              |                                 |                                 |
| 1 Mine - METALS REDUCTION CO. - TOLL                               |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 15,530            |                              |                                 | 998                             |
| 1 Mine - CMCo.                                                     |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 19,105            |                              |                                 | 2,144                           |
| 1 Mine - CMCo.                                                     |                   |                              |                                 |                                 |
| 1 Mine - SMELTING & SMELTING CO. - TOLL                            |                   |                              |                                 |                                 |
| 1 Mine - Wallace                                                   | 19,695            |                              |                                 | 2,117                           |
| 1 Mine - Fed.                                                      | 14,205            |                              |                                 |                                 |
| 1 Mine - METALS MINERALS & METALS CORP. - TOLL                     |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 28,744            |                              |                                 | 3,108                           |
| 1 Mine - INAMCo.                                                   | 8,676             |                              |                                 |                                 |
| 1 Mine - SMELTING, REFINING & MINING CO. - TOLL                    |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 14,579            |                              |                                 | 2,761                           |
| 1 Mine - USCo.                                                     | 8,692             |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 1,134             |                              |                                 |                                 |
| 1 Mine - USCo.                                                     | 640               |                              |                                 |                                 |
| 1 Mine - INC. - TOLL                                               |                   |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 2,903             |                              |                                 |                                 |
| 1 Mine - PHMCo.                                                    | 4,463             |                              |                                 |                                 |
| 1 Mine - SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL |                   |                              |                                 |                                 |
| 1 Mine - (S-73-16738)                                              | 15,559            |                              |                                 | 3,011                           |
| 1 Mine - BFS                                                       | 28,898            |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 214               |                              |                                 |                                 |
| 1 Mine - BFS                                                       | 358               |                              |                                 |                                 |
| 1 Mine - ACMECo.                                                   | 803               |                              |                                 |                                 |
| 1 Mine - BFS                                                       | 1,671             |                              |                                 |                                 |
| <b>TOTAL TOLL</b>                                                  | <b>192,197</b>    | <b>-</b>                     | <b>-</b>                        | <b>14,871</b>                   |
| <b>TOTAL CARRIED FORWARD</b>                                       | <b>228,196</b>    | <b>-</b>                     | <b>-</b>                        | <b>19,281</b>                   |

PNYC 00012079

47  
 ZINC PLANT  
 APRIL - 1970

| CARBON<br>FOUNDS | ZINC OXIDE<br>FOUNDS | ZINC IN DROSS<br>FOUNDS | ZINC SULPHATE<br>FOUNDS | ZINC SLABS<br>FOUNDS | LEAD<br>FOUNDS | COPPER<br>FOUNDS | SILVER<br>OUNDS | GOLD<br>OUNDS |
|------------------|----------------------|-------------------------|-------------------------|----------------------|----------------|------------------|-----------------|---------------|
| 12,971           |                      |                         | 2,630                   | 3,731,754            | 199,713        | 105,121          | 114,909.46      | 200.70        |
| 250              |                      |                         |                         | 184,022              | 21,147         | 677              | 1,888.30        | 6.30          |
| 750              |                      |                         |                         | 167,773              | 29,436         | 6,348            | 1,814.35        | 15.11         |

|        |   |   |       |           |         |         |            |        |
|--------|---|---|-------|-----------|---------|---------|------------|--------|
| 14,138 | - | - | 2,490 | 4,063,548 | 230,284 | 116,146 | 123,711.85 | 200.70 |
| 1,741  |   |   | 836   | 1,273,899 | 150,897 | 80,075  | 20,077.30  | 200.70 |
| 1,267  |   |   | 1,487 | 1,579,908 | 286,489 | 136,071 | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 790,828   | 51,789  | 26,075  | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 24,773    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 18,790    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 181,077   | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 18,790    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 3,982,071 | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267  |   |   |       | 21,147    | 1,000   | 1,000   | 20,077.30  | 200.70 |

at Refuse Plant  
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|-------|--|--|--|-----------|---------|---------|------------|--------|
| 1,267 |  |  |  | 4,063,548 | 230,284 | 116,146 | 123,711.85 | 200.70 |
| 1,267 |  |  |  | 1,273,899 | 150,897 | 80,075  | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 1,579,908 | 286,489 | 136,071 | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 790,828   | 51,789  | 26,075  | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 24,773    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 18,790    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 181,077   | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 18,790    | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 3,982,071 | 1,000   | 1,000   | 20,077.30  | 200.70 |
| 1,267 |  |  |  | 21,147    | 1,000   | 1,000   | 20,077.30  | 200.70 |

|       |  |  |       |           |         |  |  |  |
|-------|--|--|-------|-----------|---------|--|--|--|
| 1,267 |  |  | 3,821 | 152,707   | 387,873 |  |  |  |
| 1,267 |  |  |       | 4,738,772 |         |  |  |  |
| 1,267 |  |  |       | 7,514     | 30,686  |  |  |  |
| 1,267 |  |  |       | 500,009   |         |  |  |  |

|       |  |  |        |            |           |  |  |  |
|-------|--|--|--------|------------|-----------|--|--|--|
| 1,267 |  |  |        | 24,088,387 | 1,386,437 |  |  |  |
| 1,267 |  |  | 22,882 | 36,343,430 | 2,729,375 |  |  |  |

PNYC 00012080

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| PRODUCTION (Continued)                         | CADMIUM<br>POUNDS | ZINC OXIDE<br>ZINC<br>POUNDS | ZINC IN DROSS<br>ZINC<br>POUNDS | ZINC S<br>ZIN<br>POUN |
|------------------------------------------------|-------------------|------------------------------|---------------------------------|-----------------------|
| TOTAL BROUGHT FORWARD                          | 228,196           | -                            | -                               | 19,                   |
| ALL ZINC - Metalline                           |                   |                              |                                 |                       |
| - Pened Oreille                                |                   |                              |                                 |                       |
| ZINC COMPANY OF ILLINOIS                       |                   |                              |                                 |                       |
| - Stockton                                     |                   |                              |                                 |                       |
| - Ploche                                       |                   |                              |                                 |                       |
| METALS REDUCTION COMPANY                       |                   |                              |                                 |                       |
| - Federal - Wallace                            | 14,205            |                              |                                 |                       |
| MINING & SMELTING COMPANY                      | 14,205            |                              |                                 |                       |
| - Phelps Dodge                                 | 8,676             |                              |                                 |                       |
| MINERAL MINERALS & METALS CORP.                | 8,676             |                              |                                 |                       |
| - Midvale                                      | 8,692             |                              |                                 |                       |
| - Telluride                                    | 640               |                              |                                 |                       |
| SMELTING, REFINING & MINING CO.                | 9,332             |                              |                                 |                       |
| - Fresnoille                                   | 4,463             |                              |                                 |                       |
| WORKERS, INC.                                  | 4,463             |                              |                                 |                       |
| - Star (SCM-TS-16938)                          | 28,898            |                              |                                 |                       |
| - Amarillo                                     | 358               |                              |                                 |                       |
| - Spokane-Idaho                                | 1,671             |                              |                                 |                       |
| SERVICES ADMINISTRATION -<br>OF FEDERAL SUPPLY | 30,927            |                              |                                 |                       |
| TOTAL TOLL                                     | 67,603            | -                            | -                               | -                     |
| NET PRODUCTION                                 | 160,593           | -                            | -                               | 19,2                  |

PNYC 00012081



| OLIVINE<br>FOSSILS | KING OLIVE<br>KING<br>FOSSILS | KING IN HOOD<br>KING<br>FOSSILS | KING SULFATE<br>KING<br>FOSSILS | KING SLABS<br>KING<br>FOSSILS | LEAD<br>FOSSILS | COPPER<br>FOSSILS | SILVER<br>FOSSILS | GOLD<br>FOSSILS |
|--------------------|-------------------------------|---------------------------------|---------------------------------|-------------------------------|-----------------|-------------------|-------------------|-----------------|
| 282, 194           | -                             | -                               | 19, 201                         | 36, 345, 430                  | 2, 779, 375     | 280, 311          | 388, 374, 49      | 1, 345, 388     |

PNYC 00012082

ANACONDA COPPER MINING COMPANY  
ANACONDA AND GREAT FALLS ZINC PLANT  
APRIL - 1950

| MARKET VALUE OF PRODUCTION                                        |                               | TOTAL<br>VALUE       | VALUE OF<br>CADMIUM | VALUE OF<br>ZINC OXIDE |
|-------------------------------------------------------------------|-------------------------------|----------------------|---------------------|------------------------|
| Butte Hill Mine - Anselmo                                         |                               | \$ 145,491.97        | \$ 20,626.66        |                        |
| - Orphan Girl                                                     |                               | 5,493.78             | 1,081.97            |                        |
| - Travona-Sulphide Concentrates                                   |                               | 8,931.81             | 1,080.15            |                        |
| TOTAL BUTTE HILL MINES                                            |                               | \$ 159,917.56        | \$ 22,788.78        | -                      |
| Butte Hill Dump Ore - Lexington                                   |                               | \$ 88,448.53         | 8,644.83            |                        |
| Lead Mine - Emma Sulphide Concentrates                            |                               | 40,732.95            | 9,520.97            |                        |
| Wyer Knapp Co. - Manganese Tailings                               |                               | 21.73                |                     |                        |
| Anaconda Copper Mining Company - Darwin                           |                               | 16,749.21            | 11,500.94           |                        |
| American Zinc Company of Illinois - Ouray                         |                               | 1,054.23             | 373.41              |                        |
| Argon Silver Mines                                                |                               | 794.72               | 469.95              |                        |
| Wyle Picher - Zinc Concentrates in exchange for East Helena       |                               |                      |                     |                        |
| Bag House Fume                                                    |                               |                      |                     |                        |
| Anaconda Lead Mines                                               |                               | 2,310.27             | 2,336.98            |                        |
| International Smelting & Refining Co. - Tooele Concentrates       |                               | 467.14               | 204.01              |                        |
| East Helena Slag Treating Plant - Bag House Fume                  |                               | 7,920.50             | 6,732.26            |                        |
| Purchased Lead - For Leaching Plant                               |                               | 26,400.12            |                     |                        |
| Wm Anaconda Wire & Cable Co. - Scale and Pickling Solution Copper |                               | 2,017.86             |                     |                        |
|                                                                   |                               | 802.40               |                     |                        |
| TOTAL                                                             |                               | \$ 187,576.20        | \$ 39,783.35        | -                      |
| AMERICAN ZINC CO. OF ILLINOIS - TOLL                              |                               |                      |                     |                        |
| Metalline                                                         |                               | \$ 6,815.22          | \$ 6,908.95         |                        |
| Lead Oreille                                                      |                               | 4,553.94             | 4,617.50            |                        |
| UNITED METALS REDUCTION COMPANY - TOLL                            |                               |                      |                     |                        |
| Rockton                                                           |                               | 51,567.34            | 28,287.88           |                        |
| Moete                                                             |                               | 48,462.50            | 34,799.73           |                        |
| FEDERAL MINING & SMELTING COMPANY - TOLL                          |                               |                      |                     |                        |
| Federal - Wallace                                                 |                               | 50,318.62            | 35,874.42           |                        |
| INTERNATIONAL MINERALS & METALS CORPORATION - TOLL                |                               |                      |                     |                        |
| Helpe Dodge                                                       |                               | 94,168.15            | 52,337.16           |                        |
| I. SMELTING, REFINING & MINING COMPANY - TOLL                     |                               |                      |                     |                        |
| Elavale                                                           |                               | 128,715.83           | 26,555.63           |                        |
| Valaride                                                          |                               | 5,085.04             | 2,065.58            |                        |
| MILPP BROS. INC. - TOLL                                           |                               |                      |                     |                        |
| Arvanillo                                                         |                               | 5,287.81             | 5,287.81            |                        |
| FEDERAL SERVICES ADMINISTRATION - BUREAU OF FEDERAL SUPPLY - TOLL |                               |                      |                     |                        |
| War (Contract SW-15938)                                           |                               | 50,714.42            | 28,340.70           |                        |
| Marillo                                                           |                               | 4,209.84             | 389.80              |                        |
| Spokane Idaho                                                     |                               | 1,462.66             | 1,462.66            |                        |
| TOTAL TOLL                                                        |                               | \$ 451,361.37        | \$ 226,947.82       | -                      |
| GRAND TOTAL                                                       |                               | \$ 798,955.13        | \$ 292,519.95       | -                      |
| SLAG TREATING PLANT EAST HELENA                                   |                               |                      |                     |                        |
| BAG HOUSE FUME SALE                                               |                               |                      |                     |                        |
|                                                                   | Cost of Mining<br>or Purchase | Reduction<br>Expense | Transporta-<br>tion | Total<br>Cost          |
| Treatment                                                         | \$ 166.85                     | -                    | \$ 11.65            | \$ 178.50              |
| Production                                                        |                               |                      |                     |                        |
| Market Value                                                      |                               |                      |                     | \$ 178.50              |

PNYC 00012083

②

APRIL - 1950

PNYC 00012084

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUC  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - U. S. SMELTING, REFINING AND  
APRIL - 1950

| DRY WEIGHT<br>POUNDS | ZINC POUNDS<br>TREATED    RETURNABLE |           | POUNDS<br>LEAD | POUNDS<br>COPPER | OUNCES<br>SILVER | OUNCES<br>GOLD | TOLL<br>CHARGES | FREIGHT    |
|----------------------|--------------------------------------|-----------|----------------|------------------|------------------|----------------|-----------------|------------|
| 9,466,978            | 4,892,813                            | 4,296,281 | 686,795        | 107,924          | 36,190.49        | 677.860        | \$153,810.58    | \$34,035.5 |
| 495,524              | 283,440                              | 248,883   | 9,564          | 4,060            | 2,051.35         | 40.633         | 8,169.14        | 4,109.7    |
| 9,962,502            | 5,176,253                            | 4,545,164 | 696,359        | 111,984          | 38,241.84        | 718.493        | \$161,979.72    | \$38,145.3 |

SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - COMBINED METALS REDUCTIO

|            |           |           |         |        |           |         |              |             |
|------------|-----------|-----------|---------|--------|-----------|---------|--------------|-------------|
| 3,700,206  | 1,805,308 | 1,444,247 | 133,328 | 13,342 | 22,164.25 | 66.173  | \$ 52,080.17 | \$13,287.94 |
| 7,117,787  | 3,813,967 | 3,051,173 | 113,503 | 26,510 | 16,531.85 | 122.155 | 99,107.99    | 33,270.14   |
| 10,817,993 | 5,619,275 | 4,495,420 | 246,831 | 39,852 | 38,696.10 | 188.328 | \$151,188.16 | \$46,558.08 |

SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - FEDERAL MINING AND SMELT

|           |           |           |         |        |           |        |              |             |
|-----------|-----------|-----------|---------|--------|-----------|--------|--------------|-------------|
| 7,155,480 | 3,808,497 | 3,276,118 | 179,726 | 12,164 | 12,392.06 | 27.583 | \$123,404.92 | \$20,976.84 |
|-----------|-----------|-----------|---------|--------|-----------|--------|--------------|-------------|

SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - INTERNATIONAL MINERALS AND

|            |           |           |         |        |           |         |              |             |
|------------|-----------|-----------|---------|--------|-----------|---------|--------------|-------------|
| 3,727,135  | 1,976,745 | 1,706,618 | 116,487 | 34,301 | 7,799.00  | 45.390  | \$ 66,208.80 | \$33,470.51 |
| 6,435,943  | 3,451,317 | 3,000,000 | 223,803 | 61,933 | 13,702.00 | 77.334  | 98,823.18    | 57,892.37   |
| 10,163,078 | 5,428,062 | 4,706,618 | 340,290 | 96,234 | 21,501.00 | 122.724 | \$165,031.98 | \$91,362.88 |

SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - AMERICAN ZINC COMPANY

|                   |           |           |           |        |       |   |              |             |
|-------------------|-----------|-----------|-----------|--------|-------|---|--------------|-------------|
| 1,207,422         | 737,118   | 633,920   | 12,755    | 1,298  | -     | - | \$ 20,488.69 | \$ 5,266.63 |
| 2,021,214         | 1,219,031 | 1,048,368 | 23,154    | 2,134  | -     | - | 34,103.89    | 8,684.80    |
| <b>RAND TOTAL</b> | 3,228,636 | 1,956,149 | 1,682,288 | 35,909 | 3,432 | - | \$ 54,592.58 | \$13,951.43 |

PNYC 00012085

STURGEON CONTENTS - W. J. SHELTON, REFINING AND MINING COMPANY - ZINC CONCENTRATES TREATED ON TOLL

APRIL - 1990

| UNION |           | SILVER  |              | GOLD        |    | TOLL   |            | FREIGHT  |   | ADDITIONAL TOLL DUE TO DECREASED TREATMENT CHARGE ON RESIDUE |             | SPECIAL HIGH GRADE |  | UNPIPE |  | UN-LOADING CHARGE |  | GROSS CHARGES |  | RESIDUE METALS PAID FOR |  |
|-------|-----------|---------|--------------|-------------|----|--------|------------|----------|---|--------------------------------------------------------------|-------------|--------------------|--|--------|--|-------------------|--|---------------|--|-------------------------|--|
| 1,924 | 36,190.49 | 677.860 | \$153,810.58 | \$34,035.54 | \$ | 524.70 | \$2,084.88 | \$150.00 | - | \$190,605.70                                                 | \$77,528.92 |                    |  |        |  |                   |  |               |  |                         |  |

1,060, 2,051.35, 40.433, 8,169.14, 4,109.75, 27.46, 38.90, 25.00, 12,549.89, 2,404.12

1,904 38,247.84 728.493 8161,979.72 838,145.33 552.16 82,006.88 8186.50 25.00 8202,973.92 809,127.44

ONE HUNDRED AND SEVENTY - CHENIERO METALS REFINING COMPANY - KING OF PRUSSIA, PENNSYLVANIA

|      |           |        |              |             |            |            |          |
|------|-----------|--------|--------------|-------------|------------|------------|----------|
| 1988 | 22,144.25 | 66.173 | \$ 52,000.17 | \$13,287.90 | \$1,204.30 | \$5,728.10 | \$ 40.00 |
|------|-----------|--------|--------------|-------------|------------|------------|----------|

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THE UNIVERSITY OF CHICAGO PRESS



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15.00 \$ 15.00

PNYC 00012086

## APRIL - 1950

PNYC 00012087

ALABAMA CEMENT MIXING COMPANY - CEMENT RAILS REDUCTION DEPARTMENT  
CONTENTS - CEMENT MIXING COMPANY - DEPARTMENT OF FEDERAL SUPPLY - KING CONCENTRATES TREATED AS TOLL  
APRIL - 1970

| ITEM   | QUANTITY | UNIT PRICE | TOTAL PRICE | TOLL CHARGES | ADDITIONAL TOLL DUE TO INCREASE IN TOLLS AND FREIGHT CHARGE OF 100% |            | TOTAL  | TAXES | TOTAL  |
|--------|----------|------------|-------------|--------------|---------------------------------------------------------------------|------------|--------|-------|--------|
|        |          |            |             |              | QUANTITY                                                            | UNIT PRICE |        |       |        |
| 1.000  | 1.000    | 17.00      | 17.00       | 17.00        | 1.000                                                               | 17.00      | 34.00  |       | 34.00  |
| 2.000  | 2.000    | 17.00      | 34.00       | 34.00        | 2.000                                                               | 17.00      | 68.00  |       | 68.00  |
| 3.000  | 3.000    | 17.00      | 51.00       | 51.00        | 3.000                                                               | 17.00      | 102.00 |       | 102.00 |
| 4.000  | 4.000    | 17.00      | 68.00       | 68.00        | 4.000                                                               | 17.00      | 136.00 |       | 136.00 |
| 5.000  | 5.000    | 17.00      | 85.00       | 85.00        | 5.000                                                               | 17.00      | 170.00 |       | 170.00 |
| 6.000  | 6.000    | 17.00      | 102.00      | 102.00       | 6.000                                                               | 17.00      | 204.00 |       | 204.00 |
| 7.000  | 7.000    | 17.00      | 119.00      | 119.00       | 7.000                                                               | 17.00      | 238.00 |       | 238.00 |
| 8.000  | 8.000    | 17.00      | 136.00      | 136.00       | 8.000                                                               | 17.00      | 272.00 |       | 272.00 |
| 9.000  | 9.000    | 17.00      | 153.00      | 153.00       | 9.000                                                               | 17.00      | 306.00 |       | 306.00 |
| 10.000 | 10.000   | 17.00      | 170.00      | 170.00       | 10.000                                                              | 17.00      | 340.00 |       | 340.00 |

PNYC 00012088

OK  
F. C. H. J.

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - INTERNATIONAL MINERALS & METALS CORP.  
CADMIUM IN ZINC CONCENTRATES TREATED ON TOLL  
APRIL - 1950

|                               | DRY WEIGHT<br>POUNDS | PER<br>TON |
|-------------------------------|----------------------|------------|
| GREAT FALLS -<br>PHELPS DODGE | 10,074,515           | 34,        |

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - FEDERAL MINING AND SMELTING COMPANY  
CADMIUM IN ZINC CONCENTRATES TREATED ON TOLL  
APRIL - 1950

|                       |           |     |
|-----------------------|-----------|-----|
| ANACONDA -<br>FEDERAL | 9,740,228 | 32, |
|-----------------------|-----------|-----|

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - PHILLIPS BROTHERS, INC. - CADMIUM IN ZINC  
CONCENTRATES TREATED ON TOLL  
APRIL - 1950

|                          |           |     |
|--------------------------|-----------|-----|
| GREAT FALLS -<br>FREMONT | 1,399,812 | 7.4 |
|--------------------------|-----------|-----|

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - U. S. SMELTING, REFINING AND MINING CO.  
CADMIUM IN ZINC CONCENTRATES TREATED ON TOLL  
APRIL - 1950

|                       |           |      |
|-----------------------|-----------|------|
| ANACONDA -<br>KIDWALE | 7,734,621 | 21.1 |
|-----------------------|-----------|------|

|                              |         |     |
|------------------------------|---------|-----|
| GREAT FALLS -<br>TRAILBLAZER | 627,607 | 1.4 |
|------------------------------|---------|-----|

GRAND TOTAL

|           |      |
|-----------|------|
| 8,362,288 | 23.2 |
|-----------|------|

ANACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
SUMMARY OF TREATMENT AND RETURNABLE CONTENTS - U. S. SMELTING, REFINING AND MINING CO.  
CADMIUM IN ZINC CONCENTRATES TREATED ON TOLL  
APRIL - 1950

|                          |         |    |
|--------------------------|---------|----|
| GREAT FALLS -<br>FREMONT | 329,148 | 51 |
|--------------------------|---------|----|

|                    |            |       |
|--------------------|------------|-------|
| ANACONDA -<br>STAR | 13,954,253 | 42.45 |
|--------------------|------------|-------|

|                             |           |      |
|-----------------------------|-----------|------|
| ANACONDA -<br>SPOKANE-IDAHO | 2,192,513 | 2.42 |
|-----------------------------|-----------|------|

GRAND TOTAL

|            |       |
|------------|-------|
| 16,475,906 | 45.43 |
|------------|-------|



16

8

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
APRIL - 1950

NET WEIGHT  
TOLLS

NET WEIGHT  
TOLLS

NET  
TOLLS

16,076.35

24,400

6,800

12,125.00

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
MAY - 1950

9,740.00

20,000

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
JUNE - 1950

1,100.00

1,000

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
JULY - 1950

1,100.00

1,000

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
AUGUST - 1950

1,100.00

1,000

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
SEPTEMBER - 1950

1,100.00

1,000

AMERICA COPPER MINING COMPANY - GREAT FALLS REDUCTION DEPARTMENT  
IT OF TREATMENT AND REFINEMENTS - INTERNATIONAL MINERALS & METALS CORPORATION  
CAMPAIGN IN 1950 CONCENTRATES TREATED ON TOLL  
OCTOBER - 1950

2,126.35

2,100

1,000

300.00

Checked: *DK*  
For: *gaw*  
By: *gaw*

16,473.906

15,400

20,800

17,525.00

PNYC 00012090

FREIGHT CLASSES RECOVERED AND FREIGHT DIFFERENTIAL  
APRIL - 1950

PNYC 00012091

17)

| FREIGHT CLAIMS SUSPENSE<br>AND APRIL RECOVERY |                   |
|-----------------------------------------------|-------------------|
| Jan., Feb. &<br>March, 1950                   | April<br>Suspense |
| \$ 6,375.72                                   | \$ 639.13         |
| 9.55                                          | 31.50             |
| 259.55                                        | -                 |
|                                               | 28.72             |
| \$ 6,644.82                                   | \$ 699.63         |
| \$ 1,062.21                                   | \$ 210.00         |
| 411.29                                        |                   |
| 2,165.47                                      |                   |
| 2,330.05                                      |                   |
| 73.63                                         |                   |
| 20.78                                         |                   |
| 40.00                                         |                   |
| 54.30                                         |                   |
| 37.58                                         |                   |
| 162.07                                        |                   |
| 185.23                                        |                   |
| 3,094.95                                      |                   |
| 13,353.90                                     |                   |
| 1,000.00                                      |                   |
| 1,000.00                                      |                   |
| 1,000.00                                      |                   |
| 2.30                                          |                   |
| 8,774.60                                      |                   |
| 3,724.59                                      |                   |
| 5,774.02                                      |                   |
| 78.97                                         |                   |
| 9,803.39                                      |                   |
| 319.30                                        |                   |
| 6,973.62                                      |                   |
| 450.38                                        |                   |
| 6,318.46                                      |                   |
| 2,084.31                                      |                   |
| .26                                           |                   |
| 1,131.08                                      |                   |
| 3.29                                          |                   |
| \$ 40,239.44                                  | \$ 4,127.86       |
| \$ 69,980.22                                  | \$ 2,617.87       |

Compared ROK  
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PNYC 00012092

1950

**LIST**

— 10 —

- From A.S. = 4.  
 - From A.S. = 4. ANACONDA COPPER MINING COMPANY - SLAG TREATING PLANT, EAST KANSAS, ILLINOIS  
 BELMONT, ILLINOIS

EXISTING EXPENSE  
Plant - Operating

INDEX TO SLAS TREATING PLANT

STATEMENT OF TREATMENT, COSTS AND DISPOSITION

100-443873-102572

17-5649 - 1950

PNYC 00012093

ANACONDA COPPER MINING COMPANY - SLAG TREATING PLANT - EAST HELENA, MONTANA

STATEMENT OF TREATMENT, PRODUCTION AND COST AT THE SLAG TREATING PLANT

APRIL - 1950

| TREATMENT                                          | Dry Tons  | Purchase Cost | Reduction Expense | Total Cost    |
|----------------------------------------------------|-----------|---------------|-------------------|---------------|
| April 1, 1950                                      | None      |               |                   |               |
| RECEIPTS                                           |           |               |                   |               |
| From A.S. & R. Co.                                 | 15,364.14 | \$ 92,790.19  |                   | \$ 92,790.19  |
| From A.S. & R. Co.                                 | 2,223.55  | 11,043.71     |                   | 11,043.71     |
| REDUCTION EXPENSE                                  |           |               |                   |               |
| Slag Plant - Operating                             |           |               | \$ 61,020.29      | 61,020.29     |
| April 30, 1950                                     | None      |               |                   |               |
| TOTAL RECEIPTS - TREATED                           | 17,587.69 | \$ 103,833.90 | \$ 61,020.29      | \$ 164,854.19 |
| PRODUCTION                                         |           |               |                   |               |
| April 30, 1950                                     |           |               |                   |               |
| As Pans                                            | 707.72    | \$ 21,306.06  | \$ 13,535.72      | \$ 34,841.80  |
| SHIPMENTS                                          |           |               |                   |               |
| Electrolytic Zinc Plant - Mills                    | 2,809.03  | 92,936.69     | 55,224.12         | 148,160.81    |
| Eagle Picher Co., Galena, Kansas                   |           |               |                   |               |
| Shipment for Eagle Picher Zinc Concentrates - West | 4.47      | 130.03        | 109.54            | 239.61        |
| Eagle Picher Co. - Shipment in Transit             |           |               |                   |               |
| Exchange of Eagle Picher Zinc Concentrates         | 53.80     | 1,564.26      | 1,318.35          | 2,882.61      |
| Eagle Picher Co., Galena, Kansas                   | 89.39     | 3,067.64      | 1,822.84          | 4,890.50      |
| American Chemet Corporation, Inc., Ill.            | 103.12    | 3,478.34      | 2,066.87          | 5,545.21      |
| Clark Smelting and Mining Co., Wyllie, Kansas      | 210.90    | 7,143.55      | 4,244.78          | 11,388.33     |
| Local Sales                                        | 32        | 10.82         | 6.43              | 17.25         |
| TOTAL                                              | 3,163.43  | \$ 105,202.83 | \$ 62,156.27      | \$ 167,359.10 |
| TOTAL                                              | 3,871.15  | \$ 126,510.73 | \$ 75,691.99      | \$ 202,202.90 |
| April 1, 1950                                      |           |               |                   |               |
| As Pans                                            | 796.16    | 22,677.01     | 14,671.70         | 37,348.71     |
| PRODUCTION                                         | 3,114.99  | \$ 103,833.90 | \$ 61,020.29      | \$ 164,854.19 |
| Zinc                                               |           |               |                   |               |
| Recovery                                           |           |               |                   |               |
| Zinc Recovered                                     |           |               |                   | 4,267,484     |
| Pounds of Zinc Produced                            | 2,43314   |               | 1.42994           | 3,86304       |
| VALUE OF ZINC SALES                                |           |               |                   |               |
| Eagle Picher Company                               |           | \$ 10,322.84  |                   |               |
| American Chemet Corporation                        |           | 12,145.26     |                   |               |
| Clark Smelting and Mining Co.                      |           | 24,413.82     |                   |               |
| Eagle Picher Co., exchanged for                    |           |               |                   |               |
| Eagle Picher Zinc Concentrates                     |           | 239.61        |                   |               |
| Eagle Picher Co., Shipment in transit              |           | 2,882.61      |                   |               |
| Exchange of Eagle Picher Zinc Concentrates         |           | 54.40         |                   |               |
| Local Sales                                        |           |               |                   |               |

PNYC 00012094

ALABAMA COOPER MINING COMPANY - SLAG TREATING PLANT - EAST NINFA, MONTANA

STATEMENT OF TREATMENT, PROPORTIONS AND COST AT THE SLAG TREATING PLANT

APRIL - 1990

| Buy Item  | Purchase Cost | Reduction Expense | Total Cost   | IRON Percent | LEAD Percent | Other Percent |
|-----------|---------------|-------------------|--------------|--------------|--------------|---------------|
| Base      |               |                   |              |              |              |               |
| 11,779.10 | \$ 11,779.10  |                   | \$ 11,779.10 |              |              |               |
| 1,433.71  | 11,433.71     |                   | 11,433.71    |              |              |               |
|           |               | \$ 11,433.71      | \$ 11,433.71 |              |              |               |

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11,433.71  
11,433.71

11,433.71

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11,433.71

PNYC 00012095

8  
ALACONDA COPPER MINING COMPANY - GREAT FALLS REDUCTION IMPROVEMENT  
April  
MAY - 1970

INDEX TO ELECTROLYTIC KINC PLANT

STATEMENT OF TREATMENT, COST AND INVESTMENT

REMARKS

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