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Land AGENTS' ANNUAL REPORTS AND  
STATISTICS

YEAR ENDING NOV. 30, 1907

Land & Tree Depts.

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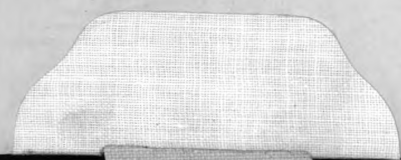
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AGENTS ANNUAL REPORTS AND  
STATISTICS FOR  
YEAR ENDING NOV. 30, 1907.

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2. Land Dep't Agent's Annual- C.C.I.Co. 2. ✓
3. " " Misc. Data. 3. ✓



PIONEER IRON Co.



PIONEER IRON COMPANY

FURNACE DEPARTMENT

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DETAIL OF STOCK

| O R E                    | 1907    |      |       |             |              |               | 1906    |      |       |             |              |               |
|--------------------------|---------|------|-------|-------------|--------------|---------------|---------|------|-------|-------------|--------------|---------------|
|                          | Tons    | Lbs. | Price | Amount      | Cost Per Ton | Per Cent Used | Tons    | Lbs. | Price | Amount      | Cost Per Ton | Per Cent Used |
| Lake Bess. Silica        |         |      |       |             |              |               | 615     | 1330 | 1 447 | 890 85      | 025          | 9             |
| Clinton                  |         |      |       |             |              |               | 722     | 20   | 2 629 | 1898 04     | 053          | 1 0           |
| L a k e                  | 67888   | 1730 | 3 258 | 221113 33   | 5 705        | 88 1          | 61454   | 630  | 2 789 | 171346 82 4 | 797          | 86 3          |
| M a a s                  | 5701    | 1060 | 3 517 | 20050 17    | 517          | 7 4           |         |      |       |             |              |               |
| South Jackson            |         |      |       |             |              |               | 171     | 2210 | 1 425 | 245 01      | 007          | 2             |
| Austin No. 3 ✓           | 1217    | 820  | 3 571 | 4346 13     | 112          | 1 6           |         |      |       |             |              |               |
| Cambridge                |         |      |       |             |              |               | 579     | 1640 | 2 394 | 1387 69     | 039          | 8             |
| Sec. 16 Hematite ✓       | 379     | 1440 | 1 966 | 746 35      | 019          | 5             |         |      |       |             |              |               |
| Bedford                  |         |      |       |             |              |               | 31      | 660  | 2 982 | 93 32       | 003          | 1             |
| Lake Silica              | 323     | 840  | 1 430 | 462 79      | 012          | 4             | 2013    | 1370 | 1 420 | 2859 91     | 080          | 2 8           |
| Imperial                 |         |      |       |             |              |               | 543     | 1730 | 1 873 | 1018 63     | 026          | 8             |
| Cliffs Shaft             | 1516    | 573  | 4 408 | 6686 62     | 172          | 2 0           | 5082    | 1967 | 3 494 | 17754 09    | 497          | 7 1           |
| Charcoal for thawing ore |         |      |       | 573 87      | 015          |               |         |      |       |             |              |               |
| Wood for thawing ore     |         |      |       | 141 59      | 004          |               |         |      |       | 690 92      | 019          |               |
| Dr. a/c years analysis   |         |      |       | 851 90      | 022          |               |         |      |       | 169 76      | 005          |               |
| Total                    | 77026   | 1983 | 3 254 | 254972 75 6 | 578          | 100 0         | 71215   | 357  | 2 744 | 198355 04 5 | 551          | 100 0         |
| Gr. a/c years analysis   |         |      |       | 4342 33     | 112          |               |         |      |       | 3946 40     | 110          |               |
| Total                    | 77026   | 1983 | 3 254 | 250630 42 6 | 466          | 100 0         | 71215   | 357  | 2 744 | 194408 64 5 | 441          | 100 0         |
| Limestone                | 4291    | 390  | 1 336 | 5732 26     | 148          |               | 3248    | 1920 | 1 336 | 4341 97     | 122          |               |
| Charcoal ( Bushels )     | 3660750 |      | 079   | 287952 42 7 | 428          |               | 3408310 |      | 072   | 245527 72 6 | 872          |               |

Note:-

Over-run in Cliffs Shaft ore from June '06 to June 30th., '07, of 156 - 890

Made by CRB  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by MB  
 Examined by \_\_\_\_\_



PIONEER IRON COMPANY  
 Furnace Department

COMPARATIVE STATEMENT OF PIG IRON COST SHEETS FOR 1906 AND 1907

|   | TONS IRON MADE 1907, 38762<br>No. Days Operated 07, 339 |                  |                  |               | TONS IRON MADE 1906, 35728<br>No. Days Operated 06, 335 |                  |                                      |                                      |
|---|---|------------------|------------------|---------------|---|------------------|--------------------------------------|--------------------------------------|
|   | Labor   | Supplies         | Total            | Cost Per Ton  | Labor   | Supplies         | Total                                | Cost Per Ton                         |
| <b>GENERAL EXPENSE:</b>                                       |   |                  |                  |               |   |                  |                                      |                                      |
| Insurance,  |   | 104 49           | 104 49           | 003           |   | 129 51           | 129 51                               | 004                                  |
| Taxes,  |   | 4717 98          | 4717 98          | 122           |   | 5602 03          | 5602 03                              | 157                                  |
| Analysis,   | 1975 02   | 757 04           | 2732 06          | 071           | 1400 24   | 1067 48          | 2467 72                              | 069                                  |
| Salaries and Other Expenses,                                  | 6918 91   | 3376 21          | 10295 12         | 265           | 6380 55   | 3210 19          | 9590 74                              | 268                                  |
| Accident,   |   | 97 50            | 97 50            | 002           |   |                  |                                      |                                      |
| <b>Total</b>  | <b>8889 53</b>  | <b>9053 22</b>   | <b>17942 75</b>  | <b>463</b>    | <b>7780 79</b>  | <b>10009 21</b>  | <b>17790 00</b>                      | <b>498</b>                           |
| <b>MAINTENANCE:</b>   |   |                  |                  |               |   |                  |                                      |                                      |
| Tracks and Yard,  | 1113 04   | 230 70           | 1343 74          | 035           | 982 35  | 202 58           | 1184 93                              | 038                                  |
| Trestles and Dock,  | 136 60  | 372 90           | 509 50           | 013           | 66 23   | 37 78            | 104 01                               | 003                                  |
| Buildings,  | 710 15  | 442 92           | 1153 07          | 030           | 652 45  | 1062 67          | 1721 12                              | 048                                  |
| Machinery,  | 810 96  | 1374 57          | 2185 53          | 056           | 1215 25   | 1635 14          | 2850 39                              | 080                                  |
| Tuyeres,  | 395 64  | 835 41           | 1231 05          | 033           | 260 89  | 730 36           | 991 25                               | 028                                  |
| Relinings and Renewals,                                       |   | 3871 80          | 3871 80          | 100           |   | 3599 20          | 3599 20                              | 100                                  |
| Water Supply,   | 123 07  | 78 30            | 201 37           | 005           | 55  | 1 66             | 2 21                                 | 000                                  |
| Pig Iron Trucks, Coal & Ore Buggies,                          | 220 60  | 58 73            | 279 33           | 007           | 316 57  | 290 31           | 606 88                               | 017                                  |
| Stacks,   | 69 58   | 94 16            | 163 74           | 004           | 74 54   | 114 52           | 139 06                               | 005                                  |
| Stoves,   | 1045 61   | 180 49           | 1226 10          | 032           | 830 38  | 199 30           | 1029 68                              | 030                                  |
| Cleaning Up,  | 915 96  |                  | 915 96           | 024           | 1239 22   | 10 20            | 1249 42                              | 035                                  |
| <b>Total</b>  | <b>5541 81</b>  | <b>7530 98</b>   | <b>13131 79</b>  | <b>330</b>    | <b>5644 43</b>  | <b>7883 72</b>   | <b>13528 15</b>                      | <b>379</b>                           |
| <b>OPERATING:</b>   |   |                  |                  |               |   |                  |                                      |                                      |
| Machinery,  | 4130 23   | 819 41           | 4949 64          | 128           | 3059 33   | 683 68           | 4343 01                              | 122                                  |
| Electric Light,   | 798 77  | 378 36           | 1177 13          | 030           | 794 44  | 474 49           | 1268 93                              | 036                                  |
| Bottom Fillers,   | 3050 32   | 104 07           | 3154 39          | 082           | 2713 33   | 61 45            | 2774 78                              | 078                                  |
| Top Fillers,  | 3073 29   |                  | 3073 29          | 079           | 2775 51   |                  | 2775 51                              | 078                                  |
| Handling Iron,  | 6091 13   | 16 98            | 6108 11          | 158           | 5244 14   | 10 10            | 5254 24                              | 147                                  |
| Handling Cinder,  | 5801 09   | 579 67           | 6380 76          | 165           | 4864 80   | 575 06           | 5439 86                              | 152                                  |
| Weighing and Grading Iron,                                    | 693 55  |                  | 693 55           | 018           | 648 95  |                  | 648 95                               | 018                                  |
| Founders, Keepers and Helpers,                                | 10744 61  |                  | 10744 61         | 277           | 10118 44  |                  | 10118 44                             | 283                                  |
| Coal Forkers,   | 12878 50  | 203 24           | 13081 74         | 337           | 11793 14  | 188 73           | 11981 87                             | 336                                  |
| Casting Tools,  | 389 78  | 662 49           | 1052 27          | 027           | 429 42  | 449 62           | 879 04                               | 025                                  |
| Sand and Clay,  |   | 1181 94          | 1181 94          | 030           |   | 862 82           | 862 82                               | 023                                  |
| Cleaning Stoves,  | 635 78  | 324 08           | 959 86           | 025           | 331 62  | 40 11            | 371 73                               | 010                                  |
| Boiler Fuel,  | 245 78  | 1451 50          | 1697 28          | 044           | 161 61  | 1593 52          | 1755 13                              | 049                                  |
| <b>Total</b>  | <b>48532 83</b>   | <b>5721 74</b>   | <b>54254 57</b>  | <b>1 400</b>  | <b>43534 73</b>   | <b>4939 58</b>   | <b>48474 31</b>                      | <b>1 357</b>                         |
| <b>STOCK USED:</b>  |   |                  |                  |               |   |                  |                                      |                                      |
| Ore,  |   | 250630 42        | 250630 42        | 6 466         |   | 194408 64        | 104408 64                            | 5 441                                |
| Charcoal,   |   | 287952 42        | 287952 42        | 7 423         |   | 245527 72        | 245527 72                            | 6 872                                |
| Limestone,  |   | 5732 26          | 5732 26          | 148           |   | 4341 97          | 4341 97                              | 122                                  |
| <b>Total</b>  |   | <b>544315 10</b> | <b>544315 10</b> | <b>14 042</b> |   | <b>444278 33</b> | <b>444278 33</b>                     | <b>12 435</b>                        |
| <b>Cost Of Production</b>                                     | <b>62964 17</b>   | <b>566630 04</b> | <b>629644 21</b> | <b>16 244</b> | <b>56959 95</b>   | <b>407110 84</b> | <b>524070 79</b>                     | <b>14 669</b>                        |
| <b>DEPRECIATION:</b>  |   |                  |                  |               |   |                  |                                      |                                      |
| Construction,   |   | 38718 00         | 38718 00         | 999           |   | 35992 00         | 35992 00                             | 1 007                                |
| Equipment,  |   | 5931 21          | 5931 21          | 153           |   | 5773 25          | 5773 25                              | 163                                  |
| Appreciation of Inventory,                                    |   | 113 21           | 113 21           | 003           |   | 92 43            | 92 43                                | 003                                  |
| <b>Total</b>  |   | <b>44536 00</b>  | <b>44536 00</b>  | <b>1 149</b>  |   | <b>41672 82</b>  | <b>41672 82</b>                      | <b>1 166</b>                         |
| <b>Total Cost On Yard</b>                                     | <b>62964 17</b>   | <b>611216 04</b> | <b>674180 21</b> | <b>17 393</b> | <b>56959 95</b>   | <b>508783 66</b> | <b>565743 61</b>                     | <b>16 835</b>                        |
| <b>LOADING AND SWITCHING:</b>                                 |   |                  |                  |               |   |                  |                                      |                                      |
| Freight Allowance,  | 1907  | 1906             |                  |               |   |                  |                                      |                                      |
| Loading Cars, Tons  | 40318   | 35231            | 248 33           | 2928 19       | 3176 52   | 079              | 2138 08                              | 2138 08                              |
| Switching, "  | 40318   | 35231            | 320 29           | 174 65        | 494 94  | 012              | 263 95                               | 152 61                               |
| <b>Total Loading Cars</b>                                     | <b>508 62</b>   | <b>5431 34</b>   | <b>5999 96</b>   | <b>155</b>    | <b>263 95</b>   | <b>2861 44</b>   | <b>3125 39</b>                       | <b>087</b>                           |
| Loading Vessels, Tons   | 4500  |                  | 31 65            | 2110 20       | 2141 35   | 055              |                                      |                                      |
| <b>Grand Total</b>  | <b>63564 44</b>   | <b>618757 58</b> | <b>682322 02</b> | <b>17 603</b> | <b>57223 90</b>   | <b>511645 10</b> | <b>568869 00</b>                     | <b>16 922</b>                        |
| Construction Account Not Sunk Off,<br>Cost Per Ton For Labor, |   |                  | 251350 17        | 1 640         |   |                  | 290068 17                            | 1 602                                |
| <b>SUMMARY OF COST PER TON</b>                                |   |                  |                  |               |   |                  |                                      |                                      |
|   | On Yard   | On Cars          | On Vessel        | On Yard       | On Cars   | On Vessel        | YIELD                                |                                      |
| Cost on yard, as above,                                       | 17 393  | 17 393           | 17 393           | 15 835        | 15 835  | 15 835           | 1907                                 | 1906                                 |
| Cost to load, as above,                                       |   | 091              | 470              |               | 087   |                  |                                      |                                      |
| <b>Total</b>  | <b>17 393</b>   | <b>17 484</b>    | <b>17 863</b>    | <b>15 835</b> | <b>15 922</b>   | <b>15 835</b>    | 50 <sup>3</sup> / <sub>8</sub> Ore   | 50 <sup>2</sup> / <sub>8</sub> Ore   |
| Com. and Expenses Cleveland Office,                           | 350   | 350              | 350              | 350           | 350   | 350              | 248 <sup>2</sup> / <sub>8</sub> Coal | 204 <sup>2</sup> / <sub>8</sub> Coal |
| <b>Total Cost</b>   | <b>17 743</b>   | <b>17 834</b>    | <b>18 213</b>    | <b>16 185</b> | <b>16 272</b>   | <b>16 185</b>    |                                      |                                      |

REMARKS:

General Expense ( Salaries and Other Expenses ) Charged 29<sup>1</sup>/<sub>2</sub> percent of General Office and 65 percent of Marquette office.

Made by C. C. B.  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by \_\_\_\_\_  
 Examined by \_\_\_\_\_

Common in Office Staff One of 156,890 Tons from  
 Jan 26 to June 30/07



DETAIL OF STOCK USED

| O R E                  | 1907    |      |       |        |    |              | 1906          |         |      |       |        |    |              |               |
|------------------------|---------|------|-------|--------|----|--------------|---------------|---------|------|-------|--------|----|--------------|---------------|
|                        | Tons    | Lbs. | Price | Amount |    | Cost Per Ton | Per Cent Used | Tons    | Lbs. | Price | Amount |    | Cost Per Ton | Per Cent Used |
| L a k e                | 23613   | 1807 | 3 288 | 77665  | 55 | 5 610        | 85 4          | 29344   | 223  | 2 718 | 79755  | 64 | 5 172        | 95 4          |
| M a a s                | 2277    | 820  | 3 515 | 8008   | 53 | 579          | 8 2           |         |      |       |        |    |              |               |
| Lake Bess. Silica      |         |      |       |        |    |              |               | 1039    | 1140 | 1 461 | 1518   | 41 | 098          | 3 4           |
| Lake Silica            | 502     | 980  | 1 452 | 729    | 50 | 053          | 1 8           | 224     | 1740 | 1 442 | 324    | 06 | 022          | 7             |
| Austin No. 3           | 185     | 2040 | 3 576 | 665    | 33 | 048          | 7             |         |      |       |        |    |              |               |
| Negaunee               | 1049    | 940  | 3 514 | 3687   | 67 | 267          | 3 8           | 143     | 480  | 2 335 | 341    | 52 | 022          | 5             |
| Sec. 16 Hematite       | 29      | 460  | 1 981 | 57     | 97 | 004          | 1             |         |      |       |        |    |              |               |
| Dr. a/c years analysis |         |      |       | 495    | 14 | 036          |               |         |      |       | 14     | 46 | 001          |               |
| Total                  | 27658   | 327  | 3 253 | 91309  | 69 | 6 597        | 100 0         | 30751   | 1343 | 2 608 | 81954  | 09 | 5 315        | 100 0         |
| Gr. a/c years analysis |         |      |       | 1323   | 60 | 095          |               |         |      |       | 1761   | 62 | 114          |               |
| Total                  | 27658   | 327  | 3 253 | 89986  | 09 | 6 502        | 100 0         | 30751   | 1343 | 2 608 | 80192  | 47 | 5 201        | 100 0         |
| Limestone              | 1729    | 1422 | 1 164 | 2012   | 90 | 145          |               | 1214    | 275  | 1 254 | 1522   | 14 | 098          |               |
| Charcoal ( Bushels )   | 1235309 |      | 084   | 104085 | 71 | 7 518        |               | 1427029 |      | 078   | 110811 | 94 | 7 186        |               |

Note:-

Over-run in Negaunee ore from Sept. 1st. to 30th., of 116-1815

Shortage in Lake ore from Nov. '05 to Oct. 31, 07, of 381-1357

Made by C.E.B.  
 Figured by .....  
 Copied by .....  
 Corrected by F.W.A.  
 Examined by C.W.M.



PIONEER IRON COMPANY  
Carp River Furnace

COMPARATIVE STATEMENT OF PIG IRON COST SHEETS FOR 1906 AND 1907.

| Blast No. 3<br>No. Tons Made This Blast, 30281 | IRON MADE IN 1907, 13844 TONS<br>No. Days Operated 1907, 297 |                  |                  |               | IRON MADE IN 1906, 15420 TONS<br>No. Days Operated 1906, 290 |                  |                  |               |     |
|--|--|------------------|------------------|---------------|--|------------------|------------------|---------------|-----|
|  | Labor  | Supplies         | Total            | Cost Per Ton  | Labor  | Supplies         | Total            | Cost Per Ton  |     |
| <b>GENERAL EXPENSE:</b>                        |  |                  |                  |               |  |                  |                  |               |     |
| Insurance,                                     |  | 397 00           | 397 00           | 029           |  | 315 02           | 315 02           | 020           |     |
| Taxes,   |  | 908 76           | 908 76           | 066           |  | 1025 31          | 1025 31          | 067           |     |
| Analysis,                                      | 1498 76  | 192 20           | 1690 96          | 122           | 1861 00  | 178 15           | 2039 15          | 132           |     |
| Salaries and Other Expenses,                   | 2967 45  | 1298 22          | 4265 67          | 308           | 2735 63  | 1057 50          | 3793 13          | 246           |     |
| <b>Total</b>                                   | <b>4468 21</b>   | <b>2796 18</b>   | <b>7262 39</b>   | <b>525</b>    | <b>4596 63</b>   | <b>2575 98</b>   | <b>7172 61</b>   | <b>465</b>    |     |
| <b>MAINTENANCE:</b>                            |  |                  |                  |               |  |                  |                  |               |     |
| Tracks and Yard,                               | 107 84   | 107 23           | 275 07           | 020           | 132 21   | 37 61            | 169 82           | 011           |     |
| Trestles and Dock,                             | 357 00   | 184 10           | 541 10           | 039           | 662 83   | 1267 87          | 1930 70          | 127           |     |
| Buildings,                                     | 374 49   | 132 93           | 407 42           | 036           | 622 94   | 1005 37          | 1628 31          | 105           |     |
| Machinery,                                     | 37 78  | 385 79           | 423 57           | 034           | 88 97  | 228 73           | 317 70           | 020           |     |
| Tuyeres,                                       | 25 72  | 225 87           | 251 59           | 018           | 7 56   | 130 72           | 138 28           | 009           |     |
| Relinings and Renewals,                        |  | 2776 00          | 2776 00          | 200           |  | 3115 20          | 3115 20          | 202           |     |
| Water Supply,                                  | 82 04  | 50 27            | 132 31           | 010           | 42 37  | 24 62            | 66 99            | 004           |     |
| Pig Iron Trucks, Coal & Ore Buggies,           | 163 94   | 157 88           | 321 82           | 023           | 97 20  | 135 33           | 233 03           | 015           |     |
| Stacks,  | 349 40   | 249 40           | 598 80           | 043           | 144 47   | 93 38            | 238 35           | 015           |     |
| Stoves,  | 9 62   | 08               | 9 70             | 001           | 21 95  | 48               | 22 38            | 001           |     |
| Cleaning Up,                                   | 963 30   | 82 57            | 1045 87          | 076           | 776 60   | 2 60             | 779 20           | 051           |     |
| <b>Total</b>                                   | <b>3581 13</b>   | <b>4342 12</b>   | <b>6923 25</b>   | <b>500</b>    | <b>2597 10</b>   | <b>6042 86</b>   | <b>8639 96</b>   | <b>560</b>    |     |
| <b>OPERATING:</b>                              |  |                  |                  |               |  |                  |                  |               |     |
| Machinery,                                     | 2069 79  | 248 79           | 2318 58          | 211           | 2655 20  | 397 41           | 3052 61          | 198           |     |
| Electric Light,                                | 90   | 340 41           | 341 37           | 025           | 1 60   | 292 67           | 301 27           | 019           |     |
| Bottom Fillers,                                | 7482 36  | 288 80           | 7771 16          | 561           | 6245 97  | 88 86            | 6334 83          | 411           |     |
| Top Fillers,                                   | 2052 65  | 35               | 2053 00          | 148           | 1681 44  | 75               | 1682 19          | 109           |     |
| Handling Iron,                                 | 2158 75  | 5 75             | 2162 50          | 156           | 2204 62  | 14 30            | 2218 92          | 144           |     |
| Handling Cinder,                               | 1325 08  | 91 59            | 1416 62          | 103           | 959 00   | 162 22           | 1111 22          | 072           |     |
| Weighing and Grading Iron,                     | 843 42   |                  | 843 42           | 061           | 610 28   |                  | 610 28           | 040           |     |
| Founders, Keepers and Helpers,                 | 5980 87  | 2 80             | 5983 67          | 432           | 5480 80  | 3 25             | 5484 14          | 356           |     |
| Coal Forkers,                                  | 3856 95  | 11 34            | 3868 29          | 279           | 3600 01  | 112 03           | 3772 04          | 245           |     |
| Casting Tools,                                 | 91 43  | 254 30           | 345 73           | 025           | 74 08  | 171 31           | 245 34           | 016           |     |
| Sand and Clay,                                 | 780 57   | 197 41           | 977 98           | 071           | 505 96   | 147 00           | 652 96           | 043           |     |
| Wood,  |  | 936 04           | 936 04           | 068           |  | 327 62           | 327 62           | 021           |     |
| Cleaning Stoves,                               | 51 00  | 3 41             | 54 41            | 004           | 19 13  |                  | 19 13            | 001           |     |
| Boiler Fuel,                                   |  |                  |                  |               |  | 193 32           | 193 32           | 013           |     |
| <b>Total</b>                                   | <b>27291 78</b>  | <b>2380 99</b>   | <b>29672 77</b>  | <b>2 143</b>  | <b>24098 13</b>  | <b>1907 74</b>   | <b>26005 87</b>  | <b>1 687</b>  |     |
| <b>STOCK USED:</b>                             |  |                  |                  |               |  |                  |                  |               |     |
| Crucibles,                                     |  | 89986 09         | 89986 09         | 6 502         |  | 80192 47         | 80192 47         | 5 201         |     |
| Charcoal,                                      |  | 104085 71        | 104085 71        | 7 518         |  | 110811 94        | 110811 94        | 7 186         |     |
| Limestone,                                     |  | 2012 90          | 2012 90          | 145           |  | 1522 14          | 1522 14          | 098           |     |
| <b>Total</b>                                   |  | <b>196084 70</b> | <b>196084 70</b> | <b>14 166</b> |  | <b>192526 55</b> | <b>192526 55</b> | <b>12 485</b> |     |
| <b>Cost Of Production</b>                      | <b>34339 12</b>  | <b>205603 99</b> | <b>239943 11</b> | <b>17 333</b> | <b>31291 36</b>  | <b>203053 13</b> | <b>234344 09</b> | <b>15 197</b> |     |
| <b>DEPRECIATION:</b>                           |  |                  |                  |               |  |                  |                  |               |     |
| Construction Account,                          |  | 6940 00          | 6940 00          | 501           |  | 7788 00          | 7788 00          | 505           |     |
| Improvement Account,                           |  | 15 00            | 15 00            | 001           |  |                  |                  |               |     |
| Equipment,                                     |  | 474 15           | 474 15           | 034           |  | 393 36           | 393 36           | 026           |     |
| Appreciation of Inventory,                     |  | 21 23            | 21 23            | 001           |  |                  |                  |               |     |
| <b>Total</b>                                   |  | <b>7407 92</b>   | <b>7407 92</b>   | <b>536</b>    |  | <b>8181 36</b>   | <b>8181 36</b>   | <b>531</b>    |     |
| <b>Total Cost On Yard</b>                      | <b>34339 12</b>  | <b>213011 91</b> | <b>247351 03</b> | <b>17 808</b> | <b>31291 36</b>  | <b>211234 40</b> | <b>242526 35</b> | <b>15 728</b> |     |
| <b>LOADING AND SWITCHING:</b>                  |  |                  |                  |               |  |                  |                  |               |     |
| Freight Allowance,                             | 1907   | 1906             |                  |               |  |                  |                  |               |     |
| Loading Cars, Tons,                            | 11492  | 13251            | 751 00           | 751 00        | 025  | 255 50           | 255 50           | 019           |     |
|  |  |                  | 962 31           | 979 88        | 085  | 85               | 1038 45          | 1039 30       | 078 |
| <b>Total Loading Cars</b>                      | <b>17 57</b>   | <b>1713 31</b>   | <b>1730 38</b>   | <b>125</b>    | <b>85</b>  | <b>1293 95</b>   | <b>1294 80</b>   | <b>084</b>    |     |
| Loading Vessels, Tons                          | 1095   | 4137             | 1127 53          | 1127 53       | 081  | 2087 65          | 2087 65          | 135           |     |
| <b>Grand Total</b>                             | <b>34356 69</b>  | <b>215852 75</b> | <b>250209 44</b> | <b>18 074</b> | <b>31292 71</b>  | <b>214010 09</b> | <b>245908 30</b> | <b>15 947</b> |     |
| Construction Account Not Sunk Off,             |  |                  | 17232 98         |               |  |                  | 24173 98         |               |     |
| Improvement Account Not Sunk Off,              |  |                  | 5974 58          |               |  |                  | 5757 28          |               |     |
| Cost Per Ton For Labor,                        |  |                  |                  | 2 482         |  |                  |                  | 2 029         |     |

SUMMARY OF COST PER TON

|                                     | On Yard       | On Cars       | On Vessel     | On Yard       | On Cars       | On Vessel     | YIELD                               |                                     |
|-------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------------------------------|-------------------------------------|
| Cost on yard, as above,             | 17 868        | 17 368        | 17 368        | 15 728        | 15 728        | 15 728        | 1907                                | 1906                                |
| Cost to load, as above,             |               | 085           | 505           |               | 084           | 501           |                                     |                                     |
| <b>Total</b>                        | <b>17 868</b> | <b>17 953</b> | <b>18 433</b> | <b>15 728</b> | <b>15 812</b> | <b>16 229</b> | <b>50<sup>0</sup>/<sub>2</sub></b>  | <b>50<sup>1</sup>/<sub>5</sub></b>  |
| Com. and Expenses Cleveland Office, | 350           | 350           | 350           | 350           | 350           | 350           | <b>281<sup>0</sup>/<sub>2</sub></b> | <b>281<sup>0</sup>/<sub>2</sub></b> |
| <b>Total Cost</b>                   | <b>18 218</b> | <b>18 303</b> | <b>18 783</b> | <b>16 078</b> | <b>16 162</b> | <b>16 579</b> | <b>281<sup>0</sup>/<sub>2</sub></b> | <b>281<sup>0</sup>/<sub>2</sub></b> |

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 Figured by REMARKS: General Expense ( Salaries and Other Expenses ) charged 10 percent of General Office and 100 percent of Carp Office.  
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# Pioneer Iron Company

Furnace Department.

COMPARATIVE CHARCOAL COST SHEET

FOR 1906 AND 1907.

|                               | 1907           |               |              | 1906           |                |               |           |             |
|-------------------------------|----------------|---------------|--------------|----------------|----------------|---------------|-----------|-------------|
|                               | BUSHEL         | AMOUNT        | Cost per Bu. | BUSHEL         | AMOUNT         | Cost per Bu.  |           |             |
| <b>PIONEER FURNACE KILNS:</b> | <b>3674069</b> |               |              | <b>3418082</b> |                |               |           |             |
| W o o d,                      | 251209         | 60            | 0684         | 213648         | 99             | 0628          |           |             |
| Loading from yard,            | 69             | 04            | 0000         | 934            | 12             | 0003          |           |             |
| Packing,                      | 7643           | 38            | 0021         |                |                |               |           |             |
| Kiln Tending,                 | 1821           | 19            | 0005         |                |                |               |           |             |
| Taking out Breeze,            | 300            | 91            | 0001         |                |                |               |           |             |
| Whitewashing,                 | 920            | 89            | 0002         |                |                |               |           |             |
| Cleaning out Kilns,           | 573            | 76            | 0002         |                |                |               |           |             |
| Depreciation,                 | 9086           | 68            | 0025         | 8545           | 27             | 0025          |           |             |
| Repairs,                      | 520            | 54            | 0002         | 352            | 33             | 0001          |           |             |
| Breezeman,                    | 1730           | 94            | 0004         | 1679           | 93             | 0005          |           |             |
| Contractor, John Mc Call      | 15171          | 03            | 0041         | 21101          | 53             | 0062          |           |             |
| <b>Total</b>                  | <b>289047</b>  | <b>96</b>     | <b>0787</b>  | <b>246262</b>  | <b>17</b>      | <b>0724</b>   |           |             |
| Average yield per cord,       |                |               | $42^9$       |                |                | $42^7$        |           |             |
| Cords carbonized,             |                |               | 85605        |                |                | 79869         |           |             |
| Cords Carbonized per kiln     |                |               | 995          |                |                | 929           |           |             |
| Bushels per kiln,             |                |               | 42729        |                |                | 39745         |           |             |
| <b>FROM JOBBERS: "Algoma"</b> | <b>17235</b>   |               |              |                |                |               |           |             |
| C o a l,                      | 1292           | 63            | 0750         |                |                |               |           |             |
| Freight,                      | 263            | 29            | 0153         |                |                |               |           |             |
| D u t y,                      | 258            | 51            | 0150         |                |                |               |           |             |
| <b>Total</b>                  | <b>1814</b>    | <b>43</b>     | <b>1053</b>  |                |                |               |           |             |
| <b>Grand Total</b>            | <b>3691904</b> | <b>290862</b> | <b>39</b>    | <b>0788</b>    | <b>3418082</b> | <b>246262</b> | <b>17</b> | <b>0724</b> |

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# Pioneer Iron Company

CARP RIVER FURNACE

COMPARATIVE CHARCOAL COST SHEET

FOR 1906 AND 1907.

|                               | 1907      |        |                      | 1906    |         |              |                    |      |
|-------------------------------|-----------|--------|----------------------|---------|---------|--------------|--------------------|------|
|                               | BUSHELS   | AMOUNT | Cost per Bu.         | BUSHELS | AMOUNT  | Cost per Bu. |                    |      |
| <b>CARP FURNACE KILNS</b>     | 1076197 ✓ |        |                      | 780402  |         |              |                    |      |
| W o o d,                      | 69540     | 37     | 0646                 |         | 46201   | 52           | 0593               |      |
| Loading from Yard,            | 34        | 00     | 0000                 |         | 72      | 00           | 0001               |      |
| Packing,                      | 7911      | 68     | 0074                 |         | 5362    | 89           | 0069               |      |
| Kiln Tending,                 | 3555      | 13     | 0033                 |         | 2213    | 64           | 0028               |      |
| Taking out Breeze,            | 641       | 40     | 0006                 |         | 578     | 38           | 0007               |      |
| Whitwashing,                  | 1326      | 30     | 0012                 |         | 642     | 96           | 0008               |      |
| Cleaning out Kilns,           | 144       | 16     | 0002                 |         |         |              |                    |      |
| Depreciation of Equipment     |           |        |                      |         | 238     | 70           | 0003               |      |
| Depreciation,                 | 2090      | 50     | 0025                 |         | 1950    | 99           | 0025               |      |
| Repairs,                      | 1716      | 98     | 0016                 |         | 498     | 24           | 0006               |      |
| Breezeman,                    | 50        | 70     | 0001                 |         |         |              |                    |      |
| <b>Total</b>                  | 87711     | 22     | 0815 ✓               |         | 57759   | 32           | 0740               |      |
| Average yield per cord,       |           |        | 44 <sup>2</sup> ✓    |         |         |              | 43 <sup>9</sup>    |      |
| Cords carbonized,             |           |        | 24339 <sup>1</sup> ✓ |         |         |              | 17772 <sup>1</sup> |      |
| Cords carb'zd. per kiln,      |           |        | 588 ✓                |         |         |              | 423                |      |
| Bushels per kiln,             |           |        | 25028 ✓              |         |         |              | 18581              |      |
| <b>FROM JOBBERS: "Algoma"</b> | 162997 ✓  |        |                      | 648624  |         |              |                    |      |
| Coal,                         | 12894     | 17     | 0791                 |         | 35949   | 17           | 0554               |      |
| Freight,                      | 2485      | 96     | 0152                 |         | 9124    | 24           | 0141               |      |
| Legal,                        | 254       | 87     | 0016                 |         |         |              |                    |      |
| General Expense,              | 77        | 70     | 0005                 |         |         |              |                    |      |
| D u t y,                      | 2579      | 18     | 0153                 |         | 8344    | 10           | 0129               |      |
| <b>Total</b>                  | 18291     | 88     | 1122 ✓               |         | 53417   | 51           | 0324               |      |
| Local Sales,                  |           |        |                      |         | 364     | 89           | 0003               |      |
| <b>Total</b>                  | 18291     | 88     | 1122 ✓               |         | 53052   | 62           | 0321               |      |
| <b>Grand Total</b>            | 1239194   | 106003 | 10                   | 0856 ✓  | 1429026 | 110811       | 94                 | 0775 |

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CORRECTED

COMPARATIVE STATEMENT OF REFINED ALCOHOL COST SHEETS FOR 1906 AND 1907

|                                   | GALLONS PRODUCED 1907 212853 |                 |                  |               | GALLONS PRODUCED 1906 273206 |                 |                 |               |
|-----------------------------------|------------------------------|-----------------|------------------|---------------|------------------------------|-----------------|-----------------|---------------|
|                                   | No. Dayp Operated '07        |                 | 358              |               | No. Days Operated '06        |                 | 303             |               |
|                                   | Labor                        | Supplies        | Total            | Cost Per Gal. | Labor                        | Supplies        | Total           | Cost Per Gal. |
| <b>GENERAL EXPENSE:</b>           |                              |                 |                  |               |                              |                 |                 |               |
| Consulting Chemist                |                              |                 |                  |               | 213 75                       | 31.79           | 245 54          | 000           |
| Insurance                         |                              | 5199 96         | 5199 96          | 024           |                              | 5199 96         | 5199 96         | 019           |
| T a x e s                         |                              | 4717 98         | 4717 98          | 022           |                              | 5602 03         | 5602 03         | 021           |
| Analysis                          | 898 27                       | 295 22          | 1193 49          | 006           | 538 49                       | 410 56          | 949 05          | 003           |
| Salaries and Other Expenses       | 2662 07                      | 2126 83         | 4789 50          | 023           | 2540 40                      | 1013 60         | 3554 00         | 013           |
| <b>Total</b>                      | <b>3560 94</b>               | <b>12339 99</b> | <b>15900 93</b>  | <b>075</b>    | <b>3292 64</b>               | <b>12257 94</b> | <b>15550 58</b> | <b>056</b>    |
| <b>MAINTENANCE:</b>               |                              |                 |                  |               |                              |                 |                 |               |
| Tanks and Stills                  | 2321 26                      | 1734 78         | 4056 04          | 019           | 1470 84                      | 1436 99         | 2907 83         | 011           |
| Condensers                        | 96 70                        | 141 52          | 238 22           | 001           | 85 21                        | 174 65          | 259 86          | 001           |
| Machinery                         | 412 48                       | 449 77          | 862 25           | 004           | 506 48                       | 721 86          | 1228 34         | 005           |
| Boilers                           | 809 91                       | 777 47          | 1587 38          | 008           | 644 23                       | 1060 49         | 1704 72         | 006           |
| Fans and Pulleys                  | 7 74                         | 86 81           | 94 55            | 001           | 20 13                        | 8 75            | 28 88           | 000           |
| Smoke Mains                       | 232 69                       | 54 23           | 286 92           | 001           | 102 06                       | 24 25           | 126 31          | 000           |
| Buildings                         | 158 10                       | 9 71            | 167 81           | 001           | 61 68                        | 91 79           | 153 47          | 001           |
| D i t c h                         | 89 15                        |                 | 89 15            | 000           |                              |                 |                 |               |
| Cleaning Up                       | 86 90                        |                 | 86 90            | 000           | 53 10                        |                 | 53 10           | 000           |
| <b>Total</b>                      | <b>4214 93</b>               | <b>3254 29</b>  | <b>7469 22</b>   | <b>035</b>    | <b>2943 73</b>               | <b>3518 73</b>  | <b>6462 51</b>  | <b>024</b>    |
| <b>OPERATING:</b>                 |                              |                 |                  |               |                              |                 |                 |               |
| Superintendent                    | 1500 00                      |                 | 1500 00          | 007           | 1425 00                      |                 | 1425 00         | 005           |
| Stillmen                          | 8321 48                      | 102 83          | 8424 31          | 040           | 6806 10                      | 16 15           | 6822 25         | 025           |
| Engineers                         | 1738 81                      |                 | 1738 81          | 008           | 1682 54                      |                 | 1682 54         | 006           |
| Firemen                           | 1316 47                      |                 | 1316 47          | 006           | 968 59                       |                 | 968 59          | 004           |
| Machinery                         | 2792 09                      | 611 79          | 3403 88          | 016           | 2621 06                      | 664 07          | 3285 13         | 012           |
| Boilers                           | 303 06                       | 130 22          | 433 28           | 002           | 272 42                       | 95 16           | 367 58          | 001           |
| F u e l                           | 529 68                       | 3106 00         | 3635 68          | 017           | 320 30                       | 2323 53         | 2643 83         | 012           |
| Electric Light                    | 309 15                       | 308 12          | 617 27           | 003           | 303 29                       | 342 12          | 645 41          | 002           |
| Lime                              |                              | 7871 05         | 7871 05          | 037           |                              | 5695 45         | 5695 45         | 021           |
| Chemicals                         |                              | 1607 52         | 1607 52          | 008           |                              | 338 60          | 338 60          | 001           |
| Filter                            | 889 14                       | 469 05          | 1358 19          | 006           | 1077 58                      | 207 40          | 1284 98         | 005           |
| <b>Total</b>                      | <b>17699 88</b>              | <b>14196 58</b> | <b>31896 46</b>  | <b>150</b>    | <b>15476 88</b>              | <b>10132 48</b> | <b>25609 36</b> | <b>094</b>    |
| <b>Cost of Production</b>         | <b>25475 75</b>              | <b>29790 86</b> | <b>55266 61</b>  | <b>260</b>    | <b>21713 25</b>              | <b>25959 20</b> | <b>47672 45</b> | <b>174</b>    |
| <b>DEPRECIATION:</b>              |                              |                 |                  |               |                              |                 |                 |               |
| Construction Account              |                              | 43380 00        | 43380 00         | 204           |                              | 43380 00        | 43380 00        | 159           |
| Improvement Account               |                              | 938 11          | 938 11           | 004           |                              | 279 10          | 279 10          | 001           |
| Appreciation of Inventory         |                              | 6 10            | 6 10             | 000           |                              | 47 88           | 47 88           | 000           |
| <b>Total</b>                      |                              | <b>44312 01</b> | <b>44312 01</b>  | <b>208</b>    |                              | <b>43611 22</b> | <b>43611 22</b> | <b>160</b>    |
| <b>Total Cost</b>                 | <b>25475 75</b>              | <b>74102 87</b> | <b>99578 62</b>  | <b>468</b>    | <b>21713 25</b>              | <b>69570 42</b> | <b>91283 67</b> | <b>334</b>    |
| <b>LOADING &amp; SWITCHING</b>    |                              |                 |                  |               |                              |                 |                 |               |
|                                   | <u>1907</u>                  | <u>1906</u>     |                  |               |                              |                 |                 |               |
| Barrels                           | 148179                       | 196046 1/2      | Gal              |               |                              |                 |                 |               |
| Loading                           | 159908                       | 196046 1/2      | "                | 156 38        | 6484 40                      | 6484 40         | 044             |               |
| Switching                         | 159908                       | 196046 1/2      |                  | 10 56         | 182 40                       | 338 78          | 002             | 114 59        |
|                                   |                              |                 |                  |               | 5 76                         | 16 32           | 000             | 9 45          |
|                                   |                              |                 |                  |               |                              |                 |                 | 5 59          |
| <b>Total</b>                      | <b>106 94</b>                | <b>6672 56</b>  | <b>6839 50</b>   | <b>032</b>    | <b>124 04</b>                | <b>6970 42</b>  | <b>7094 46</b>  | <b>026</b>    |
| <b>Total Cost on Cars</b>         | <b>25642 69</b>              | <b>80775 43</b> | <b>106418 13</b> | <b>500</b>    | <b>21837 29</b>              | <b>76540 84</b> | <b>98378 13</b> | <b>360</b>    |
| Construction Account Not Sunk Off |                              |                 | 244172 66        |               |                              |                 | 287552 66       |               |
| Improvement Account Not Sunk Off  |                              |                 | 3775 64          |               |                              |                 | 4678 75         |               |
| Yield of Alcohol Per Cord of Wood |                              |                 | 247948 30        | 257           |                              |                 |                 | 432           |
|                                   | <u>1907</u>                  | <u>1906</u>     |                  |               |                              |                 |                 |               |

Smoke received from 82957 63205 Cds.

REMARKS:

General Expense ( Salaries and Other Expenses ) Charged 11 1/2 per cent of General Office and 25 percent of Marquette office

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PIONEER IRON COMPANY  
Furnace Department

COMPARATIVE STATEMENT OF ACETATE COST SHEETS FOR 1906 AND 1907.

|                                    |                            | No. Days Operated 1907, 349<br>Pounds Produced 1907, 5328828<br>Average Per Day 15270 |          |       |               | No. Days Operated 1906, 239<br>Pounds Produced 1906, 2466030<br>Average Per Day 10319 |          |       |               |     |       |    |       |    |      |
|------------------------------------|----------------------------|---|----------|-------|---------------|---|----------|-------|---------------|-----|-------|----|-------|----|------|
|                                    |                            | Labor   | Supplies | Total | Cost Per Cwt. | Labor   | Supplies | Total | Cost Per Cwt. |     |       |    |       |    |      |
| <b>GENERAL EXPENSE:</b>            |                            |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | Analysis,                  | 304   | 78       | 63    | 38            | 368   | 16       | 007   | 107           | 73  | 82    | 09 | 189   | 82 | 008  |
|                                    | Consulting Chemist,        |   |          |       |               |   |          |       | 213           | 74  | 31    | 79 | 245   | 53 | 009  |
|                                    | Salaries & Other Expenses, | 1123  | 39       | 578   | 13            | 1701  | 52       | 032   | 490           | 80  | 202   | 70 | 693   | 50 | 023  |
|                                    | <b>Total</b>               | 1428  | 17       | 641   | 51            | 2069  | 62       | 039   | 812           | 27  | 316   | 52 | 1128  | 85 | 045  |
| <b>MAINTENANCE:</b>                |                            |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | Buildings,                 | 233   | 33       | 256   | 65            | 490   | 04       | 009   | 26            | 62  | 30    | 98 | 57    | 60 | 002  |
|                                    | T a n k s,                 | 3   | 35       |       | 06            | 3   | 41       | 000   |               |     | 4     | 80 | 4     | 80 | 000  |
|                                    | Conveyer,                  | 97  | 73       | 35    | 16            | 132   | 89       | 003   | 97            | 97  | 53    | 95 | 151   | 92 | 006  |
|                                    | Dryer,                     |   |          |       |               |   |          |       | 360           | 26  | 121   | 43 | 481   | 69 | 020  |
|                                    | Dry Floor,                 | 56  | 05       | 1     | 58            | 57  | 63       | 001   |               |     |       |    |       |    |      |
|                                    | Piping,                    | 106   | 45       | 54    | 09            | 160   | 54       | 003   | 146           | 06  | 98    | 08 | 244   | 14 | 010  |
|                                    | Boilers,                   | 104   | 30       | 178   | 72            | 283   | 02       | 006   | 103           | 33  | 206   | 57 | 309   | 90 | 013  |
|                                    | Lillie Apparatus,          | 182   | 79       | 146   | 91            | 329   | 70       | 006   | 30            | 57  | 5     | 58 | 36    | 15 | 001  |
|                                    | Motors,                    |   |          |       |               |   |          |       | 16            | 19  | 2     | 48 | 18    | 67 | 001  |
|                                    | Machinery,                 | 164   | 60       | 109   | 26            | 273   | 86       | 005   | 171           | 65  | 152   | 34 | 323   | 99 | 013  |
|                                    | P a n s,                   | 95  | 24       | 84    | 53            | 179   | 77       | 003   | 67            | 30  | 3     | 11 | 70    | 41 | 003  |
|                                    | <b>Total</b>               | 1043  | 90       | 866   | 96            | 1910  | 86       | 036   | 1019          | 95  | 679   | 32 | 1699  | 27 | 069  |
| <b>OPERATING:</b>                  |                            |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | Machinery,                 | 286   | 76       | 191   | 78            | 478   | 54       | 009   | 264           | 26  | 233   | 83 | 498   | 15 | 020  |
|                                    | Skimming,                  | 1919  | 83       | 2     | 11            | 1921  | 94       | 036   | 1351          | 37  | 41    | 76 | 1393  | 63 | 057  |
|                                    | Engineers,                 | 386   | 81       | 11    | 20            | 398   | 01       | 007   | 370           | 46  |       |    | 370   | 46 | 015  |
|                                    | Firemen,                   | 291   | 94       |       |               | 291   | 94       | 005   | 214           | 00  |       |    | 214   | 00 | 009  |
|                                    | F u e l,                   | 2701  | 60       | 15330 | 03            | 18032   | 23       | 339   | 1293          | 54  | 12472 | 69 | 13766 | 23 | 559  |
|                                    | Electric Light,            | 64  | 79       | 73    | 53            | 138   | 32       | 003   | 60            | 63  | 98    | 44 | 159   | 07 | 006  |
|                                    | Boilers,                   | 70  | 35       | 46    | 80            | 117   | 15       | 002   | 60            | 49  | 20    | 69 | 81    | 18 | 003  |
|                                    | Firing Generator,          | 1864  | 11       |       |               | 1864  | 11       | 035   | 1022          | 03  |       |    | 1022  | 03 | 041  |
|                                    | Weighing,                  | 666   | 52       |       |               | 666   | 52       | 013   |               |     |       |    |       |    |      |
|                                    | Lillie Apparatus,          | 1640  | 00       |       |               | 1640  | 00       | 030   | 1089          | 32  | 9     | 90 | 1099  | 22 | 045  |
|                                    | Rakers,                    | 1947  | 83       | 21    | 63            | 1969  | 46       | 037   | 167           | 62  | 8     | 82 | 176   | 45 | 007  |
|                                    | P u m p s,                 |   |          | 2     | 53            | 2   | 53       | 000   |               |     |       |    |       |    |      |
|                                    | <b>Total</b>               | 11840   | 54       | 15630 | 21            | 27520   | 75       | 516   | 5894          | 23  | 12386 | 20 | 18730 | 42 | 762  |
| <b>Cost of Production</b>          |                            | 14312   | 61       | 17188 | 68            | 31501   | 29       | 591   | 7726          | 44  | 13882 | 10 | 21602 | 54 | 876  |
| <b>DEPRECIATION:</b>               |                            |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | Construction,              |   |          | 3618  | 12            | 3618  | 12       | 068   |               |     | 3576  | 61 | 3576  | 61 | 145  |
|                                    | Improvement,               |   |          | 4805  | 87            | 4805  | 87       | 090   |               |     | 989   | 99 | 989   | 99 | 040  |
|                                    | <b>Total</b>               |   |          | 8423  | 99            | 8423  | 99       | 158   |               |     | 4566  | 60 | 4566  | 60 | 185  |
| <b>Total Cost</b>                  |                            | 14312   | 61       | 25612 | 67            | 39925   | 28       | 749   | 7726          | 44  | 18448 | 70 | 26175 | 14 | 1061 |
| <b>LOADING &amp; SWITCHING:</b>    |                            |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | 1907                       |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | 1906                       |   |          |       |               |   |          |       |               |     |       |    |       |    |      |
|                                    | Sacks, 5328828             | 2466030   | Lbs.     | 5526  | 17            | 5526  | 17       | 104   |               |     | 1452  | 88 | 1452  | 88 | 059  |
|                                    | Loading, 4261313           | 2332131   | "        | 436   | 83            | 101   | 20       | 538   | 03            | 013 | 325   | 04 | 325   | 04 | 014  |
|                                    | Switching, 4261313         | 2332131   | "        | 23    | 80            | 13  | 39       | 37    | 19            | 001 | 9     | 87 | 15    | 62 | 001  |
|                                    | Storing, 725737            |   | "        | 131   | 36            | 30  | 00       | 161   | 36            | 003 | 102   | 06 | 102   | 06 | 014  |
|                                    | <b>Total</b>               | 591   | 99       | 5670  | 76            | 6262  | 75       | 118   | 426           | 97  | 1452  | 63 | 1895  | 60 | 077  |
| <b>Total Cost On Cars</b>          |                            | 14904   | 60       | 31283 | 43            | 46188   | 03       | 867   | 8163          | 41  | 19907 | 33 | 23070 | 74 | 1133 |
| Construction Account Not Sunk Off, |                            |   |          |       |               | 23223   | 50       |       |               |     |       |    | 23592 | 03 |      |
| Improvement Account Not Sunk Off,  |                            |   |          |       |               | 18106   | 65       |       |               |     |       |    | 16775 | 90 |      |
| Yield Per Cord of Wood             |                            |   |          |       |               |   |          | 642   |               |     |       |    |       |    | 511  |

REMARKS:

*CRB* General Expense ( Salaries and Other Expenses ) Charged  $2\frac{1}{2}$  per cent of General Office and 5 per cent of Marquette office.

Prepared by *CRB*  
 Audited by *CRB*  
 Checked by *CRB*  
 Examined by *CRB*

P I O N E E R I R O N C O M P A N Y  
Furnace Department

COMPARATIVE STATEMENT OF FORMALDEHYDE COST SHEETS FOR 1906 AND 1907.

|                                   | POUNDS PRODUCED 1907, 776873 ✓<br>No. Days Operated 07, 350 1/2 ✓ |                 |                 |              | POUNDS PRODUCED 1906, 565967<br>No. Days Operated 06, 266 |                 |                 |              |
|-----------------------------------|---|-----------------|-----------------|--------------|---|-----------------|-----------------|--------------|
|                                   | Labor   | Supplies        | Total           | Cost Per Lb. | Labor   | Supplies        | Total           | Cost Per Lb. |
| <b>GENERAL EXPENSE:</b>           |   |                 |                 |              |   |                 |                 |              |
| Consulting Chemist,               |   |                 |                 |              | 45 00   | 6 70            | 51 70           | 000          |
| Analysis,                         | 287 03  | 58 42           | 345 45          | 001          | 107 72  | 82 09           | 189 81          | 001          |
| Salaries & Other Expenses,        | 488 67  | 300 63          | 789 30          | 001          | 490 80  | 235 27          | 726 07          | 001          |
| <b>Total</b>                      | <b>775 70</b>   | <b>359 10</b>   | <b>1134 80</b>  | <b>002 ✓</b> | <b>643 52</b>   | <b>324 06</b>   | <b>967 58</b>   | <b>002</b>   |
| <b>MAINTENANCE:</b>               |   |                 |                 |              |   |                 |                 |              |
| Tanks & Stillts,                  | 330 16  | 944 06          | 1274 22         | 002          | 281 86  | 616 61          | 898 47          | 002          |
| Machinery                         | 44 28   | 74 81           | 119 09          | 000          | 53 43   | 60 86           | 114 29          | 000          |
| Boilers,                          | 46 67   | 73 25           | 119 92          | 000          | 37 27   | 97 42           | 134 69          | 000          |
| Buildings,                        | 110 95  | 176 98          | 287 93          | 000          | 1 12  | 17 68           | 18 80           | 000          |
| <b>Total</b>                      | <b>532 06</b>   | <b>1269 10</b>  | <b>1801 16</b>  | <b>002 ✓</b> | <b>373 68</b>   | <b>792 57</b>   | <b>1166 25</b>  | <b>002</b>   |
| <b>OPERATING:</b>                 |   |                 |                 |              |   |                 |                 |              |
| Stillmen,                         | 1739 07   | 68              | 1739 75         | 002          | 1196 10   |                 | 1196 10         | 002          |
| Engineers,                        | 193 44  | 5 61            | 199 05          | 000          | 161 93  |                 | 161 93          | 000          |
| Firemen,                          | 145 98  | 83              | 146 81          | 000          | 98 31   |                 | 98 31           | 000          |
| Machinery,                        | 141 18  | 107 18          | 248 36          | 001          | 116 09  | 107 59          | 223 68          | 001          |
| Boilers,                          | 35 20   | 13 38           | 48 58           | 000          | 30 05   | 10 51           | 40 56           | 000          |
| F u e l,                          | 370 41  | 2050 12         | 2420 53         | 003          | 174 65  | 1400 13         | 1574 78         | 003          |
| Electric Light,                   | 70 62   | 41 42           | 112 04          | 000          | 60 62   | 38 94           | 99 57           | 000          |
| Copper Netting,                   |   | 708 60          | 708 60          | 001          |   | 802 03          | 802 03          | 001          |
| Alcohol,                          |   | 27864 72        | 27864 72        | 036          |   | 32630 58        | 32630 58        | 058          |
| <b>Total</b>                      | <b>2695 90</b>  | <b>30792 54</b> | <b>33488 44</b> | <b>042 ✓</b> | <b>1837 76</b>  | <b>34989 83</b> | <b>36827 59</b> | <b>065</b>   |
| Cost of Production                | 4003 66   | 32420 74        | 36424 40        | 047 ✓        | 2854 96   | 36106 46        | 38961 42        | 069          |
| DEPRECIATION:                     |   | 2820 00         | 2820 00         | 004 ✓        |   | 2820 00         | 2820 00         | 005          |
| New Construction Account,         |   |                 |                 |              |   |                 |                 |              |
| <b>Total Cost</b>                 | <b>4003 66</b>  | <b>35240 74</b> | <b>39244 40</b> | <b>051 ✓</b> | <b>2854 96</b>  | <b>38926 46</b> | <b>41781 42</b> | <b>074</b>   |
| <b>LOADING &amp; SWITCHING:</b>   |   |                 |                 |              |   |                 |                 |              |
| Packages, Lbs.,                   | 809661  | 589164          | 5095 14         | 006          |   | 3330 27         | 3330 27         | 006          |
| Loading, "                        | 809661  | 589164          | 117 60          | 000          | 99 47   | 122 70          | 222 17          | 000          |
| Switching, "                      | 809661  | 589164          | 6 81            | 000          | 4 49  | 2 58            | 7 07            | 000          |
| <b>Total</b>                      | <b>124 41</b>   | <b>5257 43</b>  | <b>5381 84</b>  | <b>007 ✓</b> | <b>103 96</b>   | <b>3455 55</b>  | <b>3559 51</b>  | <b>006</b>   |
| <b>Total Cost On Cars</b>         | <b>4128 07</b>  | <b>40498 17</b> | <b>44626 24</b> | <b>058 ✓</b> | <b>2958 92</b>  | <b>42382 01</b> | <b>45340 93</b> | <b>080</b>   |
| Yield per Gallon of Alcohol       |   |                 |                 | <u>029</u> ✓ |   |                 |                 | <u>036</u>   |
| Construction Account Not Sunk Off |   |                 | 16954 84        |              |   |                 | 19774 84        |              |
| Improvement Account Not Sunk Off  |   |                 | 12599 68        |              |   |                 |                 |              |

REMARKS:

General Expense ( Salaries & Other Expenses ) changed 2 1/2 percent of General Office and 5 percent of Marquette office.

Made by \_\_\_\_\_  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by \_\_\_\_\_  
 Examined by \_\_\_\_\_



# Pioneer Iron Company

Furnace Department.

ACETONE COST SHEET

YEAR, 1907.

Gallons produced 1 year 2850

|                             | Labor         | Supplies       | Total          | Cost Per Gal 1 year |
|-----------------------------|---------------|----------------|----------------|---------------------|
| <b><u>MAINTENANCE:-</u></b> |               |                |                |                     |
| Tanks & Stills              |               | .50            | .50            | .000                |
| Machinery                   | 33.92         | 5.16           | 39.08          | .014                |
| Ovens                       | 59.37         |                | 59.37          | .021                |
| Buildings                   | 21.37         |                | 21.37          | .008                |
| Motor                       | 5.29          | .70            | 5.99           | .002                |
| Conveyor                    | 9.31          |                | 9.31           | .003                |
| Pans                        | 180.22        | 325.76         | 505.98         | .177                |
| Piping                      | 1.32          | 10.17          | 11.49          | .004                |
| <b>Total</b>                | <b>310.80</b> | <b>342.29</b>  | <b>653.09</b>  | <b>.229</b>         |
| <b><u>OPERATING:-</u></b>   |               |                |                |                     |
| Firemen                     | 90.42         | .45            | 90.87          | .032                |
| Machinery                   |               | 3.34           | 3.34           | .001                |
| Fuel                        | 37.19         | 286.70         | 323.89         | .114                |
| Electric Light              |               | 6.29           | 6.29           | .002                |
| Acetate #                   |               | 3038.89        | 3038.89        | 1.066               |
| <b>Total</b>                | <b>127.61</b> | <b>3335.67</b> | <b>3463.28</b> | <b>1.215</b>        |
| <b>Cost of Production</b>   | <b>438.41</b> | <b>3677.96</b> | <b>4116.37</b> | <b>1.444</b>        |

Made by 482  
 Figured by 482  
 Copied by Cost  
 Corrected by Cost  
 Examined by Cost



PIONEER IRON COMPANY  
Furnace Department

STEELER TRAD  
COMPARATIVE WOOD COST SHEET FOR  
1906 AND 1907

1906 AND 1907.

|  | MUNISING EAST         |           |               |        | MUNISING WEST         |          |               |       | E B E N               |          |               |       |
|--|-----------------------|-----------|---------------|--------|-----------------------|----------|---------------|-------|-----------------------|----------|---------------|-------|
|  | Amount                |           | Cost per Cord |        | Amount                |          | Cost per Cord |       | Amount                |          | Cost per Cord |       |
|  | 1907                  | 1906      | 1907          | 1906   | 1907                  | 1906     | 1907          | 1906  | 1907                  | 1906     | 1907          | 1906  |
| CORDS PRODUCED 1907                                | 43014 $\frac{1}{2}$ ✓ |           |               |        | 44405 $\frac{1}{2}$ ✓ |          |               |       | 10073 $\frac{1}{2}$ ✓ |          |               |       |
| CORDS PRODUCED 1906                                | 45145 $\frac{7}{8}$   |           |               |        | 33929 $\frac{3}{8}$   |          |               |       | 16090 $\frac{1}{2}$   |          |               |       |
| Choppers,  | 49879 68              | 45145 69  | 1 160         | 1 000  | 51169 30              | 33929 12 | 1 152         | 1 000 | 11557 00              | 16090 05 | 1 148         | 1 000 |
| Stumpage,  | 7244 29               | 8281 41   | 169           | 183    | 7594 74               | 4925 08  | 171           | 145   | 1200 47               | 1664 79  | 119           | 103   |
| Foreman and Measuring,                             | 1447 29               | 721 79    | 034           | 016    | 1179 94               | 554 35   | 027           | 016   | 193 59                | 171 25   | 019           | 011   |
| Traveling Expense,                                 | 210 40                | 325 12    | 005           | 008    | 233 92                | 268 04   | 005           | 008   | 198 07                | 259 29   | 020           | 016   |
| Exchange,  | 55 70                 | 46 65     | 001           | 001    | 60 50                 | 34 60    | 001           | 001   | 13 90                 | 13 25    | 001           | 001   |
| General Expense,                                   | 1381 43               | 249 67    | 032           | 006    | 1443 64               | 281 16   | 033           | 008   | 792 84                | 155 02   | 079           | 009   |
| Fire Protection,                                   | 32 30                 | 110 91    | 001           | 003    |                       | 18 60    |               | 001   |                       |          |               |       |
| Superintendent,                                    | 948 66                | 857 87    | 022           | 019    | 958 44                | 807 36   | 022           | 024   | 210 40                | 418 12   | 021           | 026   |
| T a x e s,   | 1556 07               | 1255 40   | 036           | 028    | 1092 92               | 930 60   | 025           | 028   | 259 72                | 331 00   | 026           | 024   |
| Spurs and Barns,                                   | 2788 51               | 1120 20   | 064           | 025    | 3483 18               | 1899 74  | 078           | 056   | 755 15                | 191 50   | 074           | 012   |
| Total Cost at Stump                                | 65544 33✓             | 58114 71  | 1 524✓        | 1 289  | 67216 58✓             | 43648 65 | 1 514✓        | 1 287 | 15181 14✓             | 19344 27 | 1 507✓        | 1 202 |
| Inventory Cost per Cord Nov. 30th.                 |                       |           | 1 279         | 1 143  |                       |          | 1 282         | 1 250 |                       |          | 1 201         | 1 265 |
| Cost per cord 12 months,                           |                       |           | 1 289         | 1 152  |                       |          | 1 287         | 1 243 |                       |          | 1 202         | 1 262 |
| CORDS SHIPPED 1907                                 | 51265✓                |           |               |        | 40535 $\frac{1}{2}$ ✓ |          |               |       | 12683 $\frac{3}{4}$ ✓ |          |               |       |
| CORDS SHIPPED 1906                                 | 42262 $\frac{1}{2}$   |           |               |        | 28583                 |          |               |       | 7662                  |          |               |       |
| Cost of Wood at Stump,                             | 67907 58              | 48311 20  | 1 325         | 1 155  | 53767 19              | 35779 27 | 1 326         | 1 252 | 15233 17              | 9692 42  | 1 201         | 1 265 |
| Hauling and Loading,                               | 53905 75              | 35540 60  | 1 052         | 841    | 48319 90              | 27153 35 | 1 192         | 950   | 14891 69              | 9832 48  | 1 174         | 1 283 |
| F r e i g h t,                                     | 25632 51              | 21131 34  | 500           | 500    | 20268 51              | 14291 51 | 500           | 500   | 6341 83               | 3830 99  | 500           | 500   |
| Switching in Furnace Yard,                         | 1086 54               | 889 90    | 026           | 026    | 705 83                | 603 35   | 024           | 026   | 287 84                | 159 50   | 025           | 027   |
| Piling in Furnace Yard,                            | 124 34                | 215 30    | 224           | 193    | 131 49                | 192 19   | 243           | 191   | 13 58                 | 19 30    | 177           | 180   |
| Total Cost at Furnace                              | 148656 72✓            | 106588 34 | 2 900✓        | 2 522  | 123192 92✓            | 78019 67 | 3 039✓        | 2 729 | 36768 11✓             | 23534 69 | 2 898✓        | 3 072 |
| Average Cost per Cord from all sources on yard,    |                       |           | 2 921         | 2 656✓ |                       |          |               |       |                       |          |               |       |
| Average Cost per cord from all sources on trestle, |                       |           | 2 952         | 2 688  |                       |          |               |       |                       |          |               |       |

Made by CER  
 Firmed by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by \_\_\_\_\_  
 Examined by \_\_\_\_\_

REMARKS:

# PIONEER IRON COMPANY

## FURNACE DEPARTMENT.

Cost of Loading and Hauling..... MUNISING EAST..... Wood,..... YEAR..... 1907.

Loaded and Hauled this Month.....Cords.  
Loaded and Hauled 12 Months..... 51265 ✓ Cords.

|                              | Labor           | Supplies        | Total | Total             |           | Cost per Cord |              |
|------------------------------|-----------------|-----------------|-------|-------------------|-----------|---------------|--------------|
|                              |                 |                 |       | 12 Months         | 12 Months | 1 Mo.         | 12 Mos.      |
| <b>Teaming—</b>              |                 |                 |       |                   |           |               |              |
| Teamsters                    | 11946 10        | 152 29          |       | 12098 39          |           |               | 236          |
| Swampers                     | 10750 07        | 91 66           |       | 10841 73          |           |               | 212          |
| Car Loaders                  | 4922 07         | 37 36           |       | 4959 43           |           |               | 097          |
| Foreman                      | 1263 80         |                 |       | 1263 80           |           |               | 024          |
| <b>TOTAL,</b>                | <b>28882 04</b> | <b>281 31</b>   |       | <b>29163 35</b> ✓ |           |               | <b>569</b> ✓ |
| <b>Roads—</b>                |                 |                 |       |                   |           |               |              |
| Making and Maintaining       | 8222 27         | 13 00           |       | 8235 27           |           |               | 161          |
| <b>TOTAL,</b>                | <b>8222 27</b>  | <b>13 00</b>    |       | <b>8235 27</b> ✓  |           |               | <b>161</b> ✓ |
| <b>Barn—</b>                 |                 |                 |       |                   |           |               |              |
| Hay                          | 12 16           | 3484 85         |       | 3497 01           |           |               | 068          |
| Oats                         | 3 80            | 5592 92         |       | 5596 72           |           |               | 109          |
| Feed and Bran                |                 | 2 60            |       | 2 60              |           |               | 000          |
| Shoeing and Shoes            | 872 17          | 230 57          |       | 1102 74           |           |               | 022          |
| Oil and Grease               |                 | 24 09           |       | 24 09             |           |               | 000          |
| Horse Medicine               |                 | 87 21           |       | 87 21             |           |               | 002          |
| Barn Boss                    | 987 31          |                 |       | 987 31            |           |               | 019          |
| <b>TOTAL,</b>                | <b>1875 44</b>  | <b>9422 24</b>  |       | <b>11297 68</b> ✓ |           |               | <b>220</b> ✓ |
| <b>Repairs—</b>              |                 |                 |       |                   |           |               |              |
| Wagons and Drays             | 26 31           | 94 25           |       | 26 31             |           |               | 000          |
| Sleighs                      | 59 90           | 64 99           |       | 124 89            |           |               | 002          |
| Harness                      |                 | 433 45          |       | 433 45            |           |               | 009          |
| Buildings                    | 7 60            | 132 90          |       | 140 50            |           |               | 003          |
| <b>TOTAL,</b>                | <b>93 81</b>    | <b>725 59</b>   |       | <b>819 40</b> ✓   |           |               | <b>016</b> ✓ |
| <b>COST TO LOAD</b>          | <b>39073 56</b> | <b>10442 14</b> |       | <b>49515 70</b> ✓ |           |               | <b>966</b> ✓ |
| <b>Miscellaneous—</b>        |                 |                 |       |                   |           |               |              |
| Depreciation                 |                 | # 4244 60       |       | 4244 60           |           |               | 083          |
| Moving Equipment             |                 |                 |       |                   |           |               |              |
| Repairs Spurs                | 98 85           | 46 60           |       | 145 45            |           |               | 003          |
| <b>TOTAL,</b>                | <b>98 85</b>    | <b>4291 20</b>  |       | <b>4390 05</b> ✓  |           |               | <b>086</b> ✓ |
| Total Cost on Cars 1 Month   |                 |                 |       |                   |           |               |              |
| Total Cost on Cars 12 Months | 39172 41 ✓      | 14733 34        |       | 53905 75 ✓        |           |               | 1 052 ✓      |

**Remarks**

*CCB* # Seven dead horses \$568.73

Made by: CCB  
 Signed by: \_\_\_\_\_  
 Copied by: \_\_\_\_\_  
 Corrected by: CCB  
 Examined by: W.H.

# PIONEER IRON COMPANY.

FURNACE DEPARTMENT.

Cost of Loading and Hauling.....MUNISING WEST.....Wood,.....YEAR.....1907.

Loaded and Hauled this Month.....Cords.  
Loaded and Hauled 12 Months.....40535 1/2.....Cords.

|                              | Labor           | Supplies       | Total | Cost per Cord      |                |
|------------------------------|-----------------|----------------|-------|--------------------|----------------|
|                              |                 |                |       | Total<br>12 Months | 1 Mo. 12 Mos.  |
| <b>Teaming—</b>              |                 |                |       |                    |                |
| Teamsters                    | 10957 05        | 73 39          |       | 11030 44           | 272            |
| Swampers                     | 12698 36        | 99 80          |       | 12798 16           | 316            |
| Car Loaders                  | 4355 90         | 53 70          |       | 4409 60            | 109            |
| Foreman                      | 1144 60         |                |       | 1144 60            | 028            |
| <b>TOTAL,</b>                | <b>29155 91</b> | <b>226 89</b>  |       | <b>29382 80</b> ✓  | <b>725</b> ✓   |
| <b>Roads—</b>                |                 |                |       |                    |                |
| Making and Maintaining       | 3663 23         | 106 00         |       | 3669 23            | 090            |
| <b>TOTAL,</b>                | <b>3663 23</b>  | <b>106 00</b>  |       | <b>3669 23</b> ✓   | <b>090</b> ✓   |
| <b>Barn—</b>                 |                 |                |       |                    |                |
| Hay                          | 95              | 2908 54        |       | 2909 49            | 072            |
| Oats                         | 17 92           | 5069 35        |       | 5087 27            | 126            |
| Feed and Bran                | 95              | 6 17           |       | 7 12               | 000            |
| Shoeing and Shoes            | 1020 00         | 88 00          |       | 1108 00            | 027            |
| Oil and Grease               |                 | 17 37          |       | 17 37              | 000            |
| Horse Medicine               | 108 30          | 158 61         |       | 266 91             | 007            |
| Barn Boss                    | 973 27          |                |       | 973 27             | 024            |
| <b>TOTAL,</b>                | <b>2121 39</b>  | <b>8248 04</b> |       | <b>10369 43</b> ✓  | <b>256</b> ✓   |
| <b>Repairs—</b>              |                 |                |       |                    |                |
| Wagons and Drays             | 2 85            | 64 32          |       | 67 17              | 002            |
| Sleighs                      | 30 00           | 41 65          |       | 71 65              | 002            |
| Harness                      | 47 76           | 165 97         |       | 213 73             | 005            |
| Buildings                    | 52 65           | 128 89         |       | 181 45             | 004            |
| <b>TOTAL,</b>                | <b>133 26</b>   | <b>400 74</b>  |       | <b>534 00</b> ✓    | <b>013</b> ✓   |
| <b>COST TO LOAD</b>          | <b>34973 79</b> | <b>8981 67</b> |       | <b>43955 46</b> ✓  | <b>1 084</b> ✓ |
| <b>Miscellaneous—</b>        |                 |                |       |                    |                |
| Depreciation                 |                 | 3976 89        |       | 3976 89            | 098            |
| Moving Equipment             |                 | 52 84          |       | 52 84              | 002            |
| Repairs Spurs                | 310 91          | 28 80          |       | 334 71             | 008            |
| <b>TOTAL,</b>                | <b>310 91</b>   | <b>4058 69</b> |       | <b>4364 44</b> ✓   | <b>108</b> ✓   |
| Total Cost on Cars 1 Month   |                 |                |       |                    |                |
| Total Cost on Cars 12 Months | 35284 79        | 13035 26       |       | 48319 90           | 1 192          |

**Remarks**

# 10 dead horses \$671.10

Made by CRB  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by CRB  
 Examined by CRB

labor statement shows labor as \$35282.00  
 difference due to item of 2.70 amount paid  
 for loading coal and was charged direct  
 to cost.

*Boys*

# PIONEER IRON COMPANY

## FURNACE DEPARTMENT.

Cost of Loading and Hauling..... E B E N Wood,..... Y E A R ..... 1907.

Loaded and Hauled this Month..... Cords.  
Loaded and Hauled 12 Months..... 12683 1/2 Cords.

|                              | Labor      | Supplies  | Total | Total      |           | Cost per Cord |         |
|------------------------------|------------|-----------|-------|------------|-----------|---------------|---------|
|                              |            |           |       | 12 Months  | 12 Months | 1 Mo.         | 12 Mos. |
| <b>Teaming—</b>              |            |           |       |            |           |               |         |
| Teamsters                    | 3519 89    | 43 56     |       | 3563 45    |           |               | 281     |
| Swampers                     | 4275 79    | 17 49     |       | 4293 28    |           |               | 339     |
| Car Loaders                  | 1092 96    | 10 12     |       | 1103 08    |           |               | 087     |
| Foreman                      | 484 32     |           |       | 484 32     |           |               | 038     |
| TOTAL,                       | 9372 96    | 71 17     |       | 9444 13 ✓  |           |               | 745 ✓   |
| <b>Roads—</b>                |            |           |       |            |           |               |         |
| Making and Maintaining       | 845 99     |           |       | 845 99     |           |               | 067     |
| TOTAL,                       | 845 99     |           |       | 845 99 ✓   |           |               | 067 ✓   |
| <b>Barn—</b>                 |            |           |       |            |           |               |         |
| Hay                          | 25 37      | 778 70    |       | 804 07     |           |               | 063     |
| Oats                         | 6 65       | 1590 55   |       | 1597 20    |           |               | 126     |
| Feed and Bran                |            | 1 20      |       | 1 20       |           |               | 000     |
| Shoeing and Shoes            | 331 25     | 27 85     |       | 359 10     |           |               | 029     |
| Oil and Grease               |            |           |       |            |           |               |         |
| Horse Medicine               | 9 88       | 21 88     |       | 31 76      |           |               | 002     |
| Barn Boss                    | 292 12     |           |       | 292 12     |           |               | 023     |
| TOTAL,                       | 665 27     | 2420 18   |       | 3085 45 ✓  |           |               | 243 ✓   |
| <b>Repairs—</b>              |            |           |       |            |           |               |         |
| Wagons and Drays             |            | 1 45      |       | 1 45       |           |               | 000     |
| Sleighs                      | 33 80      | 35 37     |       | 69 17      |           |               | 005     |
| Harness                      | 1 83       | 183 70    |       | 185 53     |           |               | 015     |
| Buildings                    | 66 90      | 35 17     |       | 102 07     |           |               | 008     |
| TOTAL,                       | 102 53     | 255 69    |       | 358 22 ✓   |           |               | 028 ✓   |
| COST TO LOAD                 | 10986 75   | 2747 04   |       | 13733 79 ✓ |           |               | 1 083 ✓ |
| <b>Miscellaneous—</b>        |            |           |       |            |           |               |         |
| Depreciation                 |            | # 1155 80 |       | 1155 80    |           |               | 091     |
| Moving Equipment             | 2 10       |           |       | 2 10       |           |               | 000     |
| TOTAL,                       | 2 10       | 1155 80   |       | 1157 90 ✓  |           |               | 091     |
| Total Cost on Cars 1 Month   |            |           |       |            |           |               |         |
| Total Cost on Cars 12 Months | 10988 85 ✓ | 3902 84   |       | 14891 69 ✓ |           |               | 1 174 ✓ |

**Remarks # 2 Dead Horses \$107.55**

Made by C. E. B.  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by W. J.  
 Examined by C. E. B.



# Pioneer Iron Company

Furnace Department.

## STATEMENT OF CHARGES TO RENTED HOUSES & RENTS RECEIVED FOR THE YEAR, 1907

CHARGES TO RENTED HOUSES  
 Pioneer Iron Company  
 1907

| House Number   | Repairs      | Insurance    | Rents          | Total Charges   | Net Rents        |
|----------------|--------------|--------------|----------------|-----------------|------------------|
| 1              | 1.84         | 2.094        | 77.00          | 3.934           | 73.07            |
| 2              | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 3              | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 4              | 1.84         | 2.094        | 81.95          | 3.934           | 78.01            |
| 5              | 18.26        | 2.094        | 68.60          | 20.354          | 48.24            |
| 6              | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 7              | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 8              | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 9              | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 10             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 11             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 12             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 13             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 14             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 15             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 16             | 1.84         | 2.094        | 72.10          | 3.934           | 68.16            |
| 17             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 18             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 19             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 20             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 21             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 22             | 1.84         | 2.094        | 75.50          | 3.934           | 71.57            |
| 23             | 1.84         | 2.094        | 75.50          | 3.934           | 71.57            |
| 24             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 25             | 1.84         | 2.094        | 84.00          | 3.934           | 80.06            |
| 26             | 1.84         | 2.094        | 76.19          | 3.934           | 72.26            |
| 27             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 28             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 29             | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| 30 ✓           | 1.84         | 2.094        | 84.00          | 3.934           | 80.07            |
| <b>Total -</b> | <b>71.62</b> | <b>62.82</b> | <b>2458.84</b> | <b>134.44 ✓</b> | <b>2324.40 ✓</b> |
| 1906           | 29.17        | 64.12        | 2381.31        | 93.29           | 2288.02          |

Made by.....  
 Figured by.....  
 Copied by CWA  
 Corrected by CWA  
 Examined by CWA

PIONEER IRON COMPANY  
Furnace Department

DETAIL OF LABOR STATEMENT FOR '07.

|                            | No.<br>Men | No.<br>Days |   | EARNINGS |      |
|----------------------------|------------|-------------|---|----------|------|
|                            |            |             |   |          |      |
| <b>FURNACE:</b>            |            |             |   |          |      |
| Not Including Office,      | 70         | 24954       | 9 | 54568    | 12   |
| Office,                    | 4½         | 1690        | 3 | 8996     | 32   |
| Total                      | 74½        | 26645       | 2 | 63564    | 44 ✓ |
| <b>CHEMICAL PLANT:</b>     |            |             |   |          |      |
| Not Including Office,      | 28         | 10097       | 2 | 22182    | 61   |
| Office,                    | 2          | 650         | 1 | 3460     | 08   |
| Total                      | 30         | 10747       | 3 | 25642    | 69 ✓ |
| <b>ACETATE PLANT:</b>      |            |             |   |          |      |
| Not Including Office,      | 19         | 6925        | 1 | 14212    | 56   |
| Office,                    | ½          | 130         | 1 | 692      | 04   |
| Total                      | 19½        | 7055        | 2 | 14904    | 60 ✓ |
| <b>FORMALDEHYDE PLANT:</b> |            |             |   |          |      |
| Not Including Office,      | 5½         | 1624        | 4 | 3436     | 10   |
| Office,                    | ½          | 129         | 8 | 691      | 97   |
| Total                      | 6          | 1754        | 2 | 4128     | 07 ✓ |
| <b>ACETONE PLANT:</b>      |            |             |   |          |      |
| Not Including Office,      | 2½         | 196         | 0 | 438      | 41   |
| <b>KILNS:</b>              |            |             |   |          |      |
| No Office charged          | 34         | 10667       | 0 | 26894    | 58   |
| <b>CARP FURNACE:</b>       |            |             |   |          |      |
| Not Including Office,      | 43         | 14407       | 2 | 30529    | 09   |
| Office,                    | 2          | 792         | 0 | 3827     | 60   |
| Total                      | 45         | 15199       | 2 | 34356    | 69 ✓ |
| CARP KILNS:                | 18         | 6027        | 4 | 12776    | 28   |
| CARP MISCELLANEOUS:        | 6          | 1230        | 5 | 2258     | 58   |
| IMPROVEMENT:               | 10         | 2609        | 8 | 6641     | 08   |
| MISCELLANEOUS:             | 14         | 4561        | 3 | 9208     | 79   |
| Grand Total                | 259        | 86593       | 1 | 200814   | 21 ✓ |

PIONEER LUMBER COMPANY  
Furnace Department

YEARLY LABOR STATEMENT FOR YEAR 1907.

|  | No. Men |      | No. Days | EARNINGS |       | Rate per Day |      |      | No. Men   |      | No. Days | EARNINGS |      | Rate per Day |    |      |      |
|--|---------|------|----------|----------|-------|--------------|------|------|---|------|----------|----------|------|--------------|----|------|------|
|  | 1906    | 1907 |          | 1906     | 1907  | Current      | Last |      | 1906  | 1907 |          | Current  | Last |              |    |      |      |
| <b>FURNACE:</b>                                |         |      |          |          |       |              |      |      |   |      |          |          |      |              |    |      |      |
| Engineers,                                     | 2       | 2    | 292      | 1        | 850   | 05           | 2 90 | 2 78 | MISCELLANEOUS:                                  | 1    | 1        | 396      | 7    | 718          | 70 | 1 81 | 1 64 |
| Fan Engineers,                                 | 2       | 2    | 292      | 1        | 701   | 37           | 2 40 | 2 28 | Barn Boss,                                      | 1    | 1        | 486      | 3    | 911          | 41 | 1 87 | 1 78 |
| Firemen,                                       | 3       | 4    | 594      | 4        | 1189  | 17           | 2 00 | 1 88 | Teamsters and Helpers,                          | 1    | 1        | 308      | 1    | 893          | 42 | 2 90 | 2 78 |
| Oilers,  | 2       | 2    | 296      | 0        | 621   | 86           | 2 10 | 1 98 | Blacksmith,                                     | 1    | 1        | 337      | 9    | 1059         | 84 | 3 13 | 2 75 |
| Wipers,  | 2       | 2    | 292      | 8        | 612   | 48           | 1 75 | 1 63 | Electrician,                                    | 1    | 1        |          |      |              |    |      | 1 08 |
| Founders,                                      | 2       | 2    | 729      | 0        | 3050  | 00           | 4 20 | 4 06 | Electrician Helper,                             | 1    | 1        |          |      |              |    |      | 2 58 |
| Keepers,                                       | 2       | 2    | 773      | 3        | 1854  | 29           | 2 40 | 2 28 | Machinists,                                     | 5    | 7        | 2369     | 5    | 6158         | 63 | 2 60 | 2 58 |
| Helpers,                                       | 8       | 8    | 2798     | 5        | 5976  | 46           | 2 13 | 1 94 | Machinists Helpers,                             | 2    | 3        | 970      | 1    | 1821         | 79 | 1 88 | 1 86 |
| Top Fillers,                                   | 2       | 2    | 733      | 5        | 1640  | 45           | 2 10 | 1 98 | Carpenters,                                     | 2    | 4        | 1411     | 2    | 3397         | 02 | 2 41 | 2 42 |
| Bottom Fillers,                                | 2       | 2    | 739      | 5        | 1443  | 10           | 1 95 | 1 83 | Locomotive Engineer,                            | 1    | 1        | 354      | 7    | 1099         | 71 | 3 10 | 2 38 |
| Cinder Snappers,                               | 7       | 7    | 2924     | 5        | 5355  | 31           | 1 83 | 1 70 | Brakeman,                                       | 1    | 1        | 315      | 6    | 863          | 22 | 2 25 | 2 68 |
| Sand Man,                                      | 1       | 1    | 118      | 0        | 230   | 10           | 1 95 |      | Yard Foreman,                                   | 1    | 1        | 365      | 0    | 1200         | 00 | 3 79 | 2 84 |
| Iron Grader,                                   | 1       | 1    | 365      | 0        | 693   | 55           | 1 90 | 1 78 | Laborers,                                       | 20   | 26       | 9626     | 3    | 16816        | 51 | 1 75 | 1 68 |
| Iron Handlers,                                 | 0       | 0    | 2051     | 4        | 6091  | 13           | 2 97 | 2 54 | Laboratory Boys,                                | 2    | 1        | 365      | 0    | 840          | 00 | 1 48 | 1 59 |
| Coal Forkers,                                  | 14      | 14   | 4968     | 4        | 10185 | 71           | 2 04 | 1 93 | Masons,   | 1    | 2        | 247      | 3    | 888          | 37 | 3 50 | 5 00 |
| Coal Car Motorman,                             | 2       | 2    | 720      | 7        | 1477  | 60           | 2 05 | 1 93 | Mason Helpers,                                  | 2    | 1        | 219      | 5    | 416          | 07 | 1 90 | 1 94 |
| Coal Car Brakeman,                             | 2       | 2    | 724      | 3        | 1376  | 18           | 1 90 | 1 78 |   |      |          |          |      |              |    |      |      |
| Scale Car Motorman,                            | 2       | 2    | 728      | 4        | 1550  | 14           | 2 15 | 2 02 | <b>Total</b>                                    | 42   | 50       | 17772    | 2    | 36700        | 79 | 2 08 | 1 99 |
| Hoistmen,                                      | 2       | 2    | 787      | 2        | 1551  | 15           | 2 05 | 1 93 | <b>FORMALDEHYDE PLANT:</b>                      |      |          |          |      |              |    |      |      |
| Crushermen,                                    | 1       | 1    | 97       | 0        | 182   | 80           | 1 83 | 1 72 | Engineers,                                      | 4    | 4        | 73       | 2    | 193          | 04 | 2 65 | 1 83 |
|  |         |      |          |          |       |              |      |      | Firemen, Oilers & Wipers,                       | 7    | 8        | 148      | 1    | 290          | 43 | 1 96 | 1 84 |
|  |         |      |          |          |       |              |      |      | Stillmen,                                       | 2    | 2        | 795      | 2    | 1737         | 00 | 2 13 | 2 01 |
|  |         |      |          |          |       |              |      |      | Less 40% to Furn. 45% to C. P. and 10% to A. P. | 9    | 10       |          |      |              |    |      |      |
| <b>Total</b>                                   | 64      | 60   |          |          |       |              |      |      | <b>Total</b>                                    | 4    | 4        | 1016     | 5    | 2221         | 37 | 2 18 | 1 97 |
| Less 45% to C. P. 10% to A. P. and 5% to F. P. | 0       | 0    |          |          |       |              |      |      | <b>ACETATE PLANT:</b>                           |      |          |          |      |              |    |      |      |
|  |         |      |          |          |       |              |      |      | Engineers and Fan Engineers,                    | 4    | 4        | 146      | 3    | 267          | 86 | 2 65 | 1 92 |
|  |         |      |          |          |       |              |      |      | Firemen, Oilers & Wipers,                       | 6    | 8        | 295      | 3    | 580          | 68 | 1 96 | 1 84 |
|  |         |      |          |          |       |              |      |      | R a k e r s,                                    | 1    | 2        | 832      | 4    | 1930         | 24 | 3 32 | 2 02 |
|  |         |      |          |          |       |              |      |      | Skimmers,                                       | 2    | 2        | 826      | 4    | 1917         | 03 | 2 44 | 1 92 |
|  |         |      |          |          |       |              |      |      | Lillie Operators,                               | 2    | 3        | 714      | 3    | 1640         | 00 | 2 30 | 1 92 |
|  |         |      |          |          |       |              |      |      | Firemen,  | 2    | 2        | 802      | 5    | 1864         | 11 | 2 32 | 2 52 |
|  |         |      |          |          |       |              |      |      | Less 40% to Furn. 45% to C. P. and 5% to F. P.  | 9    | 10       |          |      |              |    |      |      |
| <b>Total</b>                                   | 58      | 60   | 20927    | 1        | 46458 | 90           | 2 21 | 2 04 | <b>Total</b>                                    | 8    | 11       | 3617     | 7    | 8320         | 17 | 2 30 | 1 96 |
| <b>CHEMICAL PLANT:</b>                         |         |      |          |          |       |              |      |      | <b>ACETONE PLANT:</b>                           |      |          |          |      |              |    |      |      |
| Stillmen,                                      | 11      | 10   | 3660     | 9        | 8270  | 97           | 2 26 | 2 12 | Firemen,  | 2    | 2        | 41       | 1    | 90           | 42 | 2 20 |      |
| Engineers,                                     | 4       | 4    | 656      | 7        | 1745  | 33           | 2 65 | 2 53 | <b>CARP MISCELLANEOUS:</b>                      |      |          |          |      |              |    |      |      |
| Firemen, Oilers & Wipers,                      | 7       | 8    | 1321     | 0        | 2613  | 98           | 1 96 | 1 84 | Masons,   | 1    | 1        | 26       | 0    | 119          | 24 | 4 58 | 5 02 |
| Condensermen,                                  | 2       | 2    | 754      | 0        | 1508  | 59           | 2 00 | 1 88 | Mason Helpers,                                  | 1    | 1        |          |      |              |    |      | 1 72 |
| Chute Apparatus Operators,                     | 2       | 2    | 704      | 4        | 1514  | 61           | 2 15 | 1 82 | Laboratory Boy,                                 | 1    | 1        | 239      | 2    | 498          | 76 | 1 72 | 1 22 |
| Less 40% to Furn. 10% to A. P. and 5% to F. P. | 0       | 0    |          |          |       |              |      |      | Yard Foreman,                                   | 1    | 1        | 68       | 9    | 247          | 72 | 3 64 | 3 00 |
|  |         |      |          |          |       |              |      |      | Blacksmith,                                     | 1    | 1        | 109      | 8    | 390          | 63 | 3 58 | 3 17 |
|  |         |      |          |          |       |              |      |      | Blacksmith Helper,                              | 1    | 1        | 68       | 9    | 124          | 51 | 1 83 | 1 67 |
|  |         |      |          |          |       |              |      |      | Carpenter,                                      | 1    | 1        | 447      | 3    | 1100         | 51 | 2 46 | 2 02 |
|  |         |      |          |          |       |              |      |      | Barn Boss,                                      | 1    | 1        | 234      | 3    | 531          | 69 | 1 87 |      |
|  |         |      |          |          |       |              |      |      | Laborers,                                       | 9    | 9        | 2977     | 2    | 5070         | 66 | 1 70 | 1 65 |
| <b>Total</b>                                   | 18      | 20   | 7100     | 0        | 15653 | 48           | 2 20 | 2 08 | <b>Total</b>                                    | 13   | 15       | 4271     | 6    | 8083         | 72 | 1 89 | 1 80 |
| <b>KILNS:</b>                                  |         |      |          |          |       |              |      |      | <b>CARP KILNS:</b>                              |      |          |          |      |              |    |      |      |
| Colliers,                                      | 5       | 5    | 1818     | 8        | 3902  | 14           | 2 14 | 2 08 | Miscellaneous,                                  | 1    | 2        | 13       | 2    | 23           | 24 | 1 83 | 1 70 |
| Whitewashers,                                  | 2       | 2    | 877      | 0        | 1671  | 85           | 1 90 | 1 76 | Cleaners,                                       | 1    | 2        | 99       | 6    | 179          | 32 | 1 81 |      |
| Packers,                                       | 19      | 20   | 5910     | 6        | 16455 | 95           | 2 79 | 2 27 | Packer Foreman,                                 | 1    | 1        | 370      | 0    | 947          | 50 | 2 56 | 2 47 |
| Packers Foreman,                               | 1       | 1    | 365      | 0        | 1035  | 21           | 4 43 | 4 13 | Colliers,                                       | 4    | 4        | 1439     | 6    | 2929         | 57 | 2 03 | 1 90 |
| -----  | 1       | 1    | 612      | 8        | 1157  | 53           | 1 89 | 1 82 | Whitewashers,                                   | 1    | 1        | 475      | 1    | 881          | 05 | 1 85 | 1 71 |
| Braizemen,                                     | 2       | 2    | 717      | 1        | 1363  | 31           | 1 90 | 1 77 | Packers,  | 7    | 10       | 325      | 7    | 7063         | 32 | 2 16 | 2 15 |
| Screeners,                                     | 1       | 1    | 260      | 1        | 475   | 35           | 1 83 | 1 77 | Braizeman,                                      | 1    | 1        | 293      | 0    | 519          | 35 | 1 77 | 1 66 |
|  |         |      |          |          |       |              |      |      |   |      |          |          |      |              |    |      |      |
| <b>Total</b>                                   | 32      | 33   | 10562    | 0        | 20691 | 39           | 2 53 | 2 19 | <b>Total</b>                                    | 15   | 19       | 5947     | 2    | 12544        | 45 | 2 10 | 2 08 |
| <b>CARP FURNACE:</b>                           |         |      |          |          |       |              |      |      | <b>MUNISING WEST WOOD JOB:</b>                  |      |          |          |      |              |    |      |      |
| Engineers,                                     | 2       | 2    | 740      | 4        | 1702  | 57           | 2 30 | 2 27 | Foreman and Measuring,                          | 1    | 1        | 413      | 4    | 618          | 91 | 1 44 | 2 33 |
| Founders,                                      | 1       | 1    | 365      | 0        | 1600  | 00           | 4 33 | 4 11 | Chopping, 4301 1/2 Cords                        | 04   | 74       | 25619    | 0    | 50816        | 46 | 1 98 | 1 72 |
| Keepers,                                       | 2       | 2    | 726      | 3        | 1743  | 27           | 2 40 | 2 11 | Fire Protection,                                | 1    | 1        |          |      |              |    |      | 1 80 |
| Helpers,                                       | 4       | 4    | 1278     | 8        | 2626  | 94           | 2 10 | 1 91 | Superintendent,                                 | 1    | 1        | 31       | 2    | 788          | 19 | 0 73 | 5 95 |
| Top Fillers,                                   | 2       | 3    | 900      | 6        | 2029  | 44           | 2 25 | 2 13 | Spurs and Barns,                                | 2    | 8        | 2098     | 0    | 4675         | 80 | 1 94 | 1 88 |
| Bottom Fillers,                                | 11      | 10   | 3724     | 5        | 7185  | 83           | 1 95 | 1 78 |   |      |          |          |      |              |    |      |      |
| Coal Forkers,                                  | 6       | 6    | 1792     | 4        | 3851  | 73           | 2 15 | 1 99 | <b>Total</b>                                    | 07   | 83       | 23211    | 6    | 56294        | 26 | 1 99 | 1 76 |
| Iron Grader,                                   | 1       | 1    | 282      | 0        | 843   | 42           | 2 93 | 2 77 | <b>MUNISING WEST LOADING JOB:</b>               |      |          |          |      |              |    |      |      |
| Iron Handlers,                                 | 3       | 3    | 804      | 6        | 2156  | 75           | 2 49 | 2 54 | Foreman,  | 1    | 1        | 498      | 5    | 1144         | 60 | 2 29 | 2 47 |
| Cinder Snappers,                               | 1       | 2    | 640      | 0        | 1176  | 67           | 1 85 | 1 68 | Teamsters,                                      | 13   | 18       | 5294     | 9    | 11058        | 51 | 2 08 | 1 78 |
| Sand Man,                                      | 1       | 1    | 369      | 1        | 655   | 89           | 1 82 | 1 67 | Swampers,                                       | 10   | 22       | 6757     | 2    | 12773        | 33 | 1 89 | 1 74 |
|  |         |      |          |          |       |              |      |      | Car Loaders,                                    | 4    | 6        | 2238     | 3    | 4355         | 80 | 1 94 | 1 80 |
|  |         |      |          |          |       |              |      |      | Road Makers,                                    | 1    | 7        | 2066     | 1    | 3926         | 39 | 1 90 | 1 80 |
|  |         |      |          |          |       |              |      |      | Barn Boss,                                      | 1    | 1        | 512      | 3    | 929          | 27 | 1 81 | 1 64 |
|  |         |      |          |          |       |              |      |      | Blacksmith,                                     | 1    | 1        | 559      | 0    | 1094         | 00 | 1 95 | 1 81 |
| <b>Total</b>                                   | 34      | 35   | 11683    | 7        | 25572 | 51           | 2 20 | 2 07 | <b>Total</b>                                    | 37   | 50       | 17926    | 3    | 35232        | 00 | 1 96 | 1 77 |
| <b>MUNISING EAST WOOD JOB:</b>                 |         |      |          |          |       |              |      |      | <b>EBEN LOADING JOB:</b>                        |      |          |          |      |              |    |      |      |
| Foreman and Measuring,                         | 1       | 2    | 650      | 4        | 1293  | 67           | 1 90 | 2 21 | Foreman,  | 1    | 1        | 216      | 0    | 484          | 32 | 2 24 | 2 33 |
| Chopping, 4301 1/2 Cords                       | 03      | 77   | 23211    | 0        | 49342 | 46           | 2 06 | 1 57 | Teamsters,                                      | 8    | 6        | 1672     | 5    | 3532         | 25 | 2 11 | 1 75 |
| Fire Protection,                               |         |      |          |          |       |              |      | 1 75 | Swampers,                                       | 4    | 8        | 2328     | 7    | 4377         | 21 | 1 87 | 1 71 |
| Superintendent,                                |         |      |          |          |       |              |      | 5 63 | Car Loaders,                                    | 3    | 2        | 562      | 4    | 1092         | 95 | 1 94 | 1 77 |
| Spurs and Barns,                               | 1       | 4    | 1187     | 9        | 2315  | 35           | 1 95 | 1 86 | Road Makers,                                    | 3    | 1        | 445      | 2    | 845          | 99 | 1 90 | 1 70 |
|  |         |      |          |          |       |              |      |      | Barn Boss,                                      | 1    | 1        | 163      | 0    | 292          | 12 | 1 73 | 1 87 |
|  |         |      |          |          |       |              |      |      | Blacksmith,                                     | 1    | 1        | 196      | 7    | 364          | 00 | 1 95 | 1 84 |
| <b>Total</b>                                   | 95      | 83   | 25334    | 2        | 52756 | 09           | 2 08 | 1 60 | <b>Total</b>                                    | 25   | 20       | 5589     | 5    | 10988        | 85 | 1 96 | 1 74 |
| <b>MUNISING EAST LOADING JOB:</b>              |         |      |          |          |       |              |      |      |   |      |          |          |      |              |    |      |      |
| Foreman,                                       | 1       | 1    | 548      | 1        | 1202  | 80           | 2 30 | 2 93 |   |      |          |          |      |              |    |      |      |
| Teamsters,                                     | 17      | 11   | 5752     | 1        | 11940 | 10           | 2 07 | 1 78 |   |      |          |          |      |              |    |      |      |
| Swampers,                                      | 12      | 11   | 5686     | 0        | 10784 | 55           | 1 89 | 1 75 |   |      |          |          |      |              |    |      |      |
| Car Loaders,                                   | 7       | 9    | 2543     | 3        | 4922  | 07           | 1 93 | 1 80 |   |      |          |          |      |              |    |      |      |
| Road Makers,                                   | 10      | 14   | 4418     | 6        | 8336  | 51           | 1 83 | 1 75 |   |      |          |          |      |              |    |      |      |
| Barn Boss,                                     | 1       | 1    | 564      | 8        | 937   | 31           | 1 75 | 1 65 |   |      |          |          |      |              |    |      |      |
| Blacksmith,                                    | 1       | 1    | 488      | 2        | 932   | 07           | 1 91 | 1 87 |   |      |          |          |      |              |    |      |      |
|  |         |      |          |          |       |              |      |      |   |      |          |          |      |              |    |      |      |
| <b>Total</b>                                   | 49      | 43   | 20001    | 1        | 39172 | 41           |      |      |   |      |          |          |      |              |    |      |      |





# Pioneer Iron Company

Furnace Department.

## COMPARATIVE STATEMENT OF TAXES FOR 1906 AND 1907

|                              | <u>Acres</u> | <u>1907</u>      |              | <u>1906</u>      |              |
|------------------------------|--------------|------------------|--------------|------------------|--------------|
|                              |              | <u>Valuation</u> | <u>Taxes</u> | <u>Valuation</u> | <u>Taxes</u> |
| <u>CITY OF MARQUETTE:-</u>   |              |                  |              |                  |              |
| Furnace Plant ( Real )       | 119          | 350000.          | 8223.55✓     | 350000.          | 8900.18      |
| Furnace Plant ( Personal )   |              | 51600.           | 1212.41✓     | 85900.           | 2184.35      |
| Manager's residence          |              | 9400.            | 220.87✓      | 9400.            | 239.05       |
| Carp Furnace ( Real )        |              | 24460.           | 575.11✓      | 20320.           | 516.73       |
| Carp Furnace ( Personal )    |              | 14200.           | 333.65✓      | 20000.           | 508.58       |
|                              |              |                  | 908.77       |                  |              |
| Total                        | 119          | 449660.          | 10565.59.    | 485620.          | 12348.89     |
| <u>ONOTA TOWNSHIP:-</u>      |              |                  |              |                  |              |
| Personal                     |              |                  |              | 9500.            | 181.98       |
| <u>AU TRAIN TOWNSHIP:-</u>   |              |                  |              |                  |              |
| Personal                     |              | 10000.           | 350.36       | 10000.           | 328.18       |
| <u>ROCK RIVER TOWNSHIP:-</u> |              |                  |              |                  |              |
| Personal                     |              | 38800.           | 1492.32      | 1950.            | 107.31       |
| Grand Total                  | 119          | 498460.          | 12408.27     | 507070           | 12966.36     |

### DISTRIBUTION OF TAXES 1907

#### CITY OF MARQUETTE:-

|                              |           |
|------------------------------|-----------|
| Fred A. Morse, Treas.        | 220.87    |
| Furnace General Expense      | 4717.98✓  |
| Chemical General Expense     | 4717.98✓  |
| Carp Furnace General Expense | 908.76✓   |
|                              | 10565.59✓ |

#### AUTRAIN TOWNSHIP:-

|                           |        |
|---------------------------|--------|
| Taxes Munising Lands East | 350.36 |
|---------------------------|--------|

#### ROCK RIVER TOWNSHIP:-

|                            |          |
|----------------------------|----------|
| Taxes Munising Lands West. | 1492.92  |
| Grand Total - - - - -      | 12408.87 |

Made by GWA  
 Figured by GWA  
 Copied by CSW  
 Corrected by CSW  
 Examined by CSW  
 EPM

12408.87  
 908.76  
 11500.11

12966.36  
 1028.31  
 11941.05

# Pioneer Iron Company

Furnace Department.

## COMPARATIVE STATEMENT OF GENERAL EXPENSE

|                             | YEAR.                 |                 |
|-----------------------------|-----------------------|-----------------|
|                             | 1907                  | 1906            |
| Stationery & Printing       | 593.36 <sup>2</sup>   | 532.16          |
| Postage                     | 383.78 <sup>3</sup>   | 261.05          |
| Exchange                    | 109.43 <sup>14</sup>  | 101.25          |
| Telephones & Telegrams      | 993.59 <sup>6</sup>   | 773.21          |
| Petty Office                | 15.43 <sup>5</sup>    | 5.24            |
| Traveling                   | 806.68 <sup>9</sup>   | 973.57          |
| Salaries                    | 10501.65 <sup>1</sup> | 9301.00         |
| Freight & Express           | 110.00 <sup>5</sup>   | 45.75           |
| Entertaining                | 40.55 <sup>9</sup>    | 0.00            |
| Livery                      | 102.85 <sup>5</sup>   | 131.81          |
| Legal                       | 533.19 <sup>8</sup>   | 420.63          |
| Launch                      | 0.00 <sup>21</sup>    | 12.50           |
| Stable                      | 429.80 <sup>13</sup>  | 434.04          |
| Janitor                     | 105.00 <sup>5</sup>   | 180.00          |
| Papers & Periodicals        | 77.47 <sup>5</sup>    | 29.30           |
| Donations                   | 238.00 <sup>10</sup>  | 55.75           |
| Accident                    | 163.02                | 0.00            |
| Political                   | 88.26 <sup>21</sup>   | 321.25          |
| Lawn                        | 101.20 <sup>5</sup>   | 98.98           |
| Engineering                 | 146.92 <sup>17</sup>  | 54.60           |
| Office Furniture & Fixtures | 423.30 <sup>4</sup>   | 138.55          |
| Jamestown Exposition        | 2.73 <sup>21</sup>    | 0.00            |
| Advertising                 | 85.40 <sup>5</sup>    | 0.00            |
| Dwellings Not Rented        | 270.00 <sup>7</sup>   | 0.00            |
| Express on Currency         | 9.88 <sup>5</sup>     | 0.00            |
| Premium on Currency         | 250.35 <sup>5</sup>   | 0.00            |
| Landscape Gardener          | 11.25 <sup>5</sup>    | 0.00            |
| <b>Total - - - - -</b>      | <b>16593.09</b>       | <b>13870.64</b> |

### CHARGED DIRECT:-

|                                    |                     |                 |
|------------------------------------|---------------------|-----------------|
| Stationery & Printing              | 115.50 <sup>2</sup> | 83.25           |
| Freight & Express                  | 43.65 <sup>5</sup>  | 0.00            |
| Traveling                          | 313.30 <sup>9</sup> | 0.00            |
| Advertising                        | 62.50 <sup>5</sup>  | 0.00            |
| Freight on Alcohol Returned        | 466.78              | 0.00            |
| Refund on Alcohol Returned         | 24.33               | 0.00            |
| Accident                           | 0.00 <sup>4</sup>   | 500.00          |
| Watchman                           | 0.00 <sup>1</sup>   | 86.35           |
| Freight on Formaldehyde Returned   | 0.00 <sup>5</sup>   | 24.07           |
| <b>Grand Total General Expense</b> | <b>17570.49</b>     | <b>14564.31</b> |

### DISTRIBUTION:-

|                                 |                       |                 |
|---------------------------------|-----------------------|-----------------|
| Furnace General Expense         |                       |                 |
| Pig Iron Cost Sheet             | 10290.12 <sup>✓</sup> | 9590.74         |
| Chemical General Expense        |                       |                 |
| Alcohol Cost Sheet              | 4789.50 <sup>✓</sup>  | 3554.00         |
| Acetate General Expense         |                       |                 |
| Acetate Cost Sheet              | 1701.52 <sup>✓</sup>  | 693.50          |
| Formaldehyde General Expense    |                       |                 |
| Formaldehyde Cost Sheet         | 789.35 <sup>✓</sup>   | 726.07          |
| <b>Total as above - - - - -</b> | <b>17570.49</b>       | <b>14564.31</b> |

Made by ERM  
 Figured by ERM  
 Copied by ERM  
 Corrected by ERM  
 Examined by ERM



# Pioneer Iron Company

Carp River Furnace

Pioneer Iron Company

Carp River Furnace

1906 - 1907  
GENERAL EXPENSES  
COMPARATIVE

*General Expense*

## COMPARATIVE STATEMENT OF "SALARIES & OTHER EXPENSES"

|                             | YEAR                       |                |
|-----------------------------|----------------------------|----------------|
|                             | 1907                       | 1906           |
| Stationery & Printing       | 114.52 <sup>v</sup>        | 177.96         |
| Salaries                    | 2827.60 <sup>1</sup>       | 2567.00        |
| Petty Office                | 1.25 <sup>5</sup>          | 1.00           |
| Postage                     | 59.12 <sup>3</sup>         | 73.60          |
| Freight & Express           | 2.55 <sup>5</sup>          | 12.10          |
| Telephone & Telegrams       | 189.93 <sup>6</sup>        | 148.53         |
| Livery                      | 22.10 <sup>5</sup>         | 34.95          |
| Legal                       | 118.35 <sup>8</sup>        | 93.44          |
| Traveling                   | 125.22 <sup>9</sup>        | 117.22         |
| Stable                      | 435.99 <sup>13</sup>       | 438.28         |
| Office Furniture & Fixtures | 99.35 <sup>4</sup>         | 20.85          |
| Janitor                     | 53.80 <sup>5</sup>         | 48.25          |
| Exchange                    | 33.35 <sup>14</sup>        | 32.45          |
| Engineering                 | 4.50 <sup>17</sup>         | 0.00           |
| Right of Way Lease          | 25.00 <sup>7</sup>         | 25.00          |
| Political                   | 2.50 <sup>21</sup>         | 2.50           |
| Dwellings Not Rented        | 60.00 <sup>2</sup>         | 0.00           |
| Landscape Gardener          | 2.50 <sup>5</sup>          | 0.00           |
| Premium on Currency         | 62.58 <sup>14</sup>        | 0.00           |
| Express on Currency         | 2.46 <sup>21</sup>         | 0.00           |
| Accident                    | 23.00 <sup>-</sup>         | 0.00           |
| <b>Total</b>                | <b>4265.67<sup>v</sup></b> | <b>3793.13</b> |

Furnace General Expense  
Pig Iron Cost Sheet

4265.67 3793.13

Made by *EW*  
 Figured by *EW*  
 Copied by *EW*  
 Corrected by *EW*  
 Examined by *EW*

# Pioneer Iron Company

Furnace Department.

## LEGAL EXPENSES, 1907

W. P. Belden, Special Attorney & Solicitor.

|  |            |
|--|------------|
| Salary Solicitor, Dec. 1st, 1906 to Nov. 30th., 1907 | 481.33     |
| Expenses " " " " " " " "                             | 87.74      |
| Salary, Special Attorney"                            | 82.47      |
| Expenses " " " " " " " "                             | 0.00       |
| Total - - - - -                                      | \$651.54 ✓ |

*EMM*

Made by *GWA*  
 Figured by             
 Copied by *EMM*  
 Corrected by *EMM*  
 Examined by *EMM*

*Distribution*

*Carp* 118.35  
*Furnace # 2* 533.19  
651.54

# Pioneer Iron Company

Furnace Department.

CHARGES TO DWELLINGS NOT RENTED

YEAR, 1907.

Manager's Residence, Marquette. :-

|                       |          |
|-----------------------|----------|
| Windows               | 24.79 ✓  |
| Electric Light        | 1.08 ✓   |
| Plumbing              | 189.36 ✓ |
| Doors                 | 12.23 ✓  |
| Painting & Decorating | 203.52 ✓ |
| General Repairs       | 722.13 ✓ |
| Insurance             | 41.36 ✓  |
| Taxes                 | 220.87 ✓ |

Total - - - - - 1415.34

Made by 165  
Figured by 1  
Copied by 165  
Corrected by 165  
Examined by 165



# Pioneer Iron Company

Furnace Department.

## DONATIONS MADE DURING FISCAL YEAR, 1907:-

### Secretary Froebel School, Marquette, Mich.

Donation for purchase of pictures for public Schools  
at Marquette, Mich. 5 00

### Ensign & Mrs. Corliss; Salvation Army, Marquette, Mich.

Donation for furnishing Bath and Reading Rooms in  
Marquette. 25 00

### F. J. Jennison Chairman Entertainment Committee.

Donation for defraying expenses of Entertainment  
of Michigan Legislators while in Marquette. 25 00

### C. E. Lytle.

Donation to the Ambulance Fund, Marquette. 100 00

### John A. Hagar Chairman.

Donation to Fourth of July Celebration, Marquette. 50 00

### Stillmen; Formaldehyde Plant.

Donation for using only one set of contact bodies  
during 30 days. 3 00

### Salvation Army.

Annual donation to the Salvation Army, Marquette. 25 00

### Fire Department, Marquette, Mich.

Donation for purchase of tickets to the Fire  
Department's Annual Dance. 5 00

TOTAL- - - - - 238 00 ✓

*Distribution  
Furnace #2.*

238.00

*PM*

Made by *ASJ*  
Figured by *ASJ*  
Checked by *ASJ*  
Permitted by *ASJ*  
by *ASJ*

# Pioneer Iron Company

Furnace Department.

## STATEMENT OF SHOP LABOR, 1907

### MACHINE SHOP

| Month  | Pay Roll | Supl's | Total Debit | Total Hours | Less Hours Reppg. Totals | Net Hours Charged | Cost Per Hour |
|--------|----------|--------|-------------|-------------|--------------------------|-------------------|---------------|
| Dec.   | 522.83   | 10.40  | 533.23      | 1894        | 21                       | 1873              | .2846         |
| Jan.   | 538.18   | 70.05  | 608.23      | 1945        | 9                        | 1936              | .3141         |
| Feb.   | 484.19   | 55.02  | 539.21      | 1690        | 38                       | 1652              | .3264         |
| Mar.   | 662.01   | 47.79  | 709.80      | 2468        | 44                       | 2424              | .2928         |
| Apr.   | 592.53   | 77.54  | 670.07      | 2235        | 43                       | 2192              | .3056         |
| May    | 623.56   | 83.33  | 706.89      | 2373        | 51                       | 2322              | .3044         |
| June   | 666.15   | 50.59  | 716.74      | 2381        | 23                       | 2358              | .3039         |
| July   | 754.98   | 45.33  | 800.31      | 2886        | 41                       | 2845              | .2813         |
| August | 746.58   | 11.92  | 758.50      | 2806        | 25                       | 2781              | .2727         |
| Sept.  | 690.71   | 23.86  | 714.57      | 2547        | 26                       | 2521              | .2834         |
| Oct.   | 795.29   | 102.09 | 897.38      | 3042        | 39                       | 3003              | .2988         |
| Nov.   | 905.41   | 130.22 | 1035.63     | 3486        | 67                       | 3419              | .3029         |
| Total  | 7982.42  | 708.14 | 8690.56     | 29753       | 427                      | 29326             | .2929         |
| 1906   | 5950.13  | 287.59 | 6237.72     | 21642       | 108                      | 21534             | .2874         |

### BLACKSMITH SHOP

|       |         |       |         |      |    |      |       |
|-------|---------|-------|---------|------|----|------|-------|
| Dec.  | 74.10   | 6.25  | 80.35   | 260  | 00 | 260  | .3090 |
| Jan.  | 72.39   | 5.20  | 77.59   | 254  | 00 | 254  | .3054 |
| Feb.  | 62.70   | 5.00  | 67.70   | 220  | 00 | 220  | .3077 |
| Mar.  | 77.23   | 6.15  | 83.38   | 271  | 00 | 271  | .3077 |
| April | 75.81   | 18.10 | 93.91   | 266  | 1  | 265  | .3543 |
| May   | 78.37   | 6.25  | 84.62   | 275  | 3  | 272  | .3111 |
| June  | 73.75   | 6.40  | 80.15   | 250  | 2  | 248  | .3231 |
| July  | 76.11   | 11.30 | 87.41   | 258  | 0  | 258  | .3388 |
| Aug.  | 79.65   | 5.70  | 85.35   | 270  | 1  | 269  | .3172 |
| Sept. | 70.80   | 5.75  | 76.55   | 240  | 0  | 240  | .3189 |
| Oct.  | 82.60   | 6.80  | 89.40   | 280  | 2  | 278  | .3215 |
| Nov., | 69.91   | 8.15  | 78.06   | 237  | 11 | 226  | .3453 |
| Total | 893.42  | 91.05 | 984.47  | 3081 | 20 | 3061 | .3216 |
| 1906  | 2576.27 | 88.17 | 2664.44 | 3085 | 6  | 3079 | .3067 |

### CARPENTER SHOP

|       |         |      |         |       |   |       |       |
|-------|---------|------|---------|-------|---|-------|-------|
| Dec.  | 307.09  | 0.00 | 307.09  | 1207  | 0 | 1207  | .2544 |
| Jan.  | 272.37  | 0.00 | 272.37  | 1065  | 0 | 1065  | .2557 |
| Feb.  | 153.28  | 0.00 | 153.28  | 671   | 0 | 671   | .2284 |
| March | 368.48  | 0.00 | 368.48  | 1602  | 0 | 1602  | .2300 |
| April | 307.12  | 0.00 | 307.12  | 1335  | 0 | 1335  | .2300 |
| May   | 250.90  | 0.00 | 250.90  | 1092  | 0 | 1092  | .2300 |
| June  | 435.25  | 0.00 | 435.25  | 1773  | 0 | 1773  | .2404 |
| July  | 328.70  | 0.00 | 328.70  | 1350  | 0 | 1350  | .2434 |
| Aug.  | 303.35  | 0.00 | 303.35  | 1250  | 0 | 1250  | .2426 |
| Sept. | 231.57  | 0.00 | 231.57  | 955   | 0 | 955   | .2424 |
| Oct.  | 198.66  | 0.00 | 198.66  | 822   | 0 | 822   | .2416 |
| Nov.  | 240.25  | 0.00 | 240.25  | 1010  | 0 | 1010  | .2378 |
| Total | 3397.02 | 0.00 | 3397.02 | 14132 | 0 | 14132 | .2403 |
| 1906  | 1848.19 |      | 1848.19 | 7582  |   | 7582  | .2438 |

Made by \_\_\_\_\_  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by \_\_\_\_\_  
 Examined by \_\_\_\_\_

PIONEER IRON COMPANY  
PIONEER IRON COMPANY

STABLE EXPENSE

1907.

PIONEER IRON COMPANY  
Pioneer Furnace #2.

STATEMENT SHOWING COST OF STABLE EXPENSE FOR YEAR 1907.

| <u>COMMODITIES ETC.</u>                  | <u>TOTAL COST</u> | <u>COST PER HORSE PER DAY</u> |
|--|-------------------|-------------------------------|
| Hay .....                                | 437.94            | .180                          |
| Oats .....                               | 932.40            | .384                          |
| Feed .....                               | 7.29              | .003                          |
| Straw .....                              | 18.20             | .007                          |
| Medicine .....                           | 34.60             | .014                          |
| Shoeing .....                            | 77.88             | .032                          |
| Repairs to Carts. Wagons & Sleighs ..... | 84.72             | .035                          |
| "    "    Harness .....                  | 45.68             | .019                          |
| Curry Combs, Brushes, Grease, Oil &c.    | 12.70             | .005                          |
| Total -                                  | 1651.41 ✓         | .679 ✓                        |

|                          |           |
|--------------------------|-----------|
| 3 Horses on Cinder Carts | 1095 Days |
| 2 " " Braize Carts       | 730 "     |
| 1 " " Team Work          | 365 "     |
| 1 " " Filter Work        | 243 "     |
|                          | 2433 ✓    |

*Distribution*  
~~Gen. Exp. #2 429.80~~  
~~Camp Fee 435.99~~

Made by agg.  
 Figured by agg.  
 Copied by agg.  
 Corrected by \_\_\_\_\_  
 Examined by agg.



PIONEER IRON COMPANY  
Carp River Furnace

COMPARATIVE WOOD REPORT

For years ending November 30th., 1906 and 1907

|                                  | C O R D S    |            |              |            |
|----------------------------------|--------------|------------|--------------|------------|
|                                  | 1 9 0 7      |            | 1 9 0 6      |            |
| <b>WOOD RECEIVED:</b>            |              |            |              |            |
| Inventory Dec. 1st. 1906, Kilns  | 2646         | 250        |              |            |
| " " 1st. 1906, Yard              | 612          | 750        |              |            |
| " " 1st. 1905, Kilns             |              |            | 2020         | 500        |
| " " 1st. 1905, Yard              |              |            | 337          | 500        |
| From Munising East               | 6406         | 500        | 6476         | 500        |
| " Munising West                  | 11059        | 500        | 3925         | 250        |
| " E b e n                        | 815          | 250        | 1619         | 500        |
| " Jobbers                        | 5959         | 250        | 6228         | 750        |
| " Limestone ( C. C. I. Co. )     |              | 000        | 633          | 000        |
| <b>Total received at furnace</b> | <b>27499</b> | <b>500</b> | <b>21241</b> | <b>000</b> |
| <b>WOOD CONSUMED:</b>            |              |            |              |            |
| Carbonized in kilns              | 24230        | 500        | 17781        | 750        |
| S o l d                          | 50           | 000        | 2            | 000        |
| Used in furnace boilers          | 213          | 000        | 198          | 250        |
| Used in firing oven              | 105          | 000        |              | 000        |
| <b>Total wood consumed</b>       | <b>24598</b> | <b>500</b> | <b>17982</b> | <b>000</b> |
| <b>WOOD ON HAND:</b>             |              |            |              |            |
| Inventory Dec. 1st. 1907, Kilns  | 1870         | 000        |              |            |
| " " 1st. 1907, Yard              | 1031         | 000        |              |            |
| " " 1st. 1906, Kilns             |              |            | 2646         | 250        |
| " " 1st. 1906, Yard              |              |            | 612          | 750        |
| <b>T O T A L</b>                 | <b>2901</b>  | <b>000</b> | <b>3259</b>  | <b>000</b> |

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# Pioneer Iron Company

Furnace Department.

## STOCK ACCOUNTS

NOVEMBER 30th., 1907.

| <u>Supplies:-</u>                 | <u>Quantity</u>        | <u>Rate</u> | <u>Amount</u>             |
|-----------------------------------|------------------------|-------------|---------------------------|
| Furnace                           |                        |             | 12230.48 ✓                |
| Chemical                          |                        |             | 7010.02 ✓                 |
| Laboratory                        |                        |             | 110.25 ✓                  |
| Munising East Barn                |                        |             | 2088.25 ✓                 |
| Munising West Barn                |                        |             | 1178.50 ✓                 |
| Eben Barn                         |                        |             | 1485.60 ✓                 |
| Carp Furnace                      |                        |             | 974.61 ✓                  |
| Stock of Coal                     |                        |             | <u>12358.51</u> ✓         |
| <b>Total</b>                      |                        |             | <b>37436.22</b> ✓         |
| <br><u>EQUIPMENT:-</u>            |                        |             |                           |
| Furnace                           |                        |             | 8611.55 ✓                 |
| Camp Barn                         |                        |             | 9170.24 ✓                 |
| Carp Furnace                      |                        |             | <u>628.92</u> ✓           |
| <b>Total</b>                      |                        |             | <b>18410.71</b> ✓         |
| <br><u>Ores:-</u>                 |                        |             |                           |
|                                   | <u>Tons</u>            | <u>Lbs.</u> |                           |
| Lake                              | 4719 ✓                 | 3.517       | 16599.63                  |
| Cliffs Shaft                      | 390 ✓                  | 4.580       | 1786.06                   |
| Sec. 16 Hematite                  | 260 ✓                  | 1.965       | 511.02                    |
| Carp Lake Silica                  | 366 ✓                  | 1.565       | 572.81                    |
| Carp Sec. 16 Hematite             | 407 ✓                  | 1.981       | 806.30                    |
| Carp Austin No. 3                 | 154 ✓                  | 3.583       | 551.78                    |
| Carp Maas                         | 335 ✓                  | 3.526       | 1181.55                   |
| Carp Lake                         | <u>288</u> ✓           | 3.529       | <u>1016.35</u>            |
| <b>Total</b>                      | 6919                   |             | 23025.50 ✓                |
| <br><u>Wood:-</u>                 |                        |             |                           |
|                                   | <u>Gds.</u>            |             |                           |
| Furnace                           | 1196 ✓                 | 3.182       | 3806.08 ✓                 |
| In kilns                          | 5500 ✓                 | 3.106       | 17083.00 ✓                |
| Munising East                     | 33514 ✓                | 1.521       | 50987.93 ✓                |
| Munising West                     | 35712. $\frac{1}{2}$ ✓ | 1.518       | 54219.16 ✓                |
| Eben Wood                         | 14823. $\frac{1}{2}$ ✓ | 1.409       | 20889.92 ✓                |
| Carp Furnace                      | 1031 ✓                 | 3.099       | 3194.99 ✓                 |
| Carp Kilns                        | <u>1870</u> ✓          | 3.198       | <u>5979.39</u> ✓          |
| <b>Total</b>                      | 93646.7                |             | 156160.47 ✓               |
| <br><u>Limestone:-</u>            |                        |             |                           |
|                                   | <u>Tons</u>            |             |                           |
| Limestone                         | 490 ✓                  | 1.364       | 668.36 ✓                  |
| Carp Limestone                    | <u>263</u> ✓           | 1.152       | <u>303.00</u> ✓           |
| <b>Total</b>                      | 753                    |             | 971.36                    |
| <br><u>Charcoal:-</u>             |                        |             |                           |
|                                   | <u>Bushels</u>         |             |                           |
| Charcoal                          | 17235 ✓                | .1053       | 1814.43 ✓                 |
| Carp Charcoal                     | <u>1290</u> ✓          | .1033       | <u>133.26</u> ✓           |
| <b>Total</b>                      | 19525                  |             | 1947.69 ✓                 |
| <b>Grand total stock accounts</b> |                        |             | <u><b>237951.95</b></u> ✓ |

# Pioneer Iron Company

Furnace Department.

STOCK ACCOUNTS, Continued:-

NOVEMBER 30th., 1907.

## Balance Sheet

|          |    |    |   |   |             |
|----------|----|----|---|---|-------------|
| Item No. | 44 | -  | - | - | 37436.22    |
| "        | "  | 46 | - | - | 18410.71    |
| "        | "  | 48 | - | - | 23025.50    |
| "        | "  | 50 | - | - | 156160.47   |
| "        | "  | 52 | - | - | 668.36      |
| "        | "  | 54 | - | - | 1814.43     |
| "        | "  | 56 | - | - | 303.00      |
| "        | "  | 58 | - | - | 133.26      |
| Total    | -  | -  | - | - | 237951.95 ✓ |

Made by JMA  
Figured by JMA  
Copied by cur  
Corrected by cur  
Examined by ASme





## PIONEER IRON COMPANY.

CAMP FURNACE DEPARTMENT.

Stock Report for Month Ending NOVEMBER 30TH., 1907.

## PRODUCED OR RECEIVED.

## SHIPPED OR USED.

|                       | PRODUCED OR RECEIVED. |                 |                           | SHIPPED OR USED.          |                        |            |                 |                 |                                       |                           |                 |
|-----------------------|-----------------------|-----------------|---------------------------|---------------------------|------------------------|------------|-----------------|-----------------|---------------------------------------|---------------------------|-----------------|
|                       | Total for Month       | Previous Months | Over and Short for Season | Total from Dec. 1st, 1906 | On Hand Dec. 1st, 1906 | TOTAL      | Total for Month | Previous Months | Over and Short for Season             | Total from Dec. 1st, 1906 | Balance on Hand |
| ORE:                  |                       |                 |                           |                           |                        |            |                 |                 |                                       |                           |                 |
| Lake                  | 1257-1220             | 22237-2220      |                           | 23455-1200                | 406- 607               | 27901-1807 | 969-1220        | 22644- 587      |                                       | 23615-1807                | 288-0000        |
| Lake Silica           |                       |                 |                           |                           | 868- 980               | 868- 980   | 970             | 502- 10         |                                       | 502- 980                  | 866-0000        |
| Negauree              |                       | 1049- 940       |                           | 1049- 940                 |                        | 1049- 940  |                 | 1049- 940       |                                       | 1049- 940                 |                 |
| M a a s               | 1562- 420             | 1050- 400       |                           | 2612- 820                 |                        | 2612- 820  | 1221-1225       | 995-1835        |                                       | 2277- 820                 | 335-0000        |
| Austin No. 3          | 305-1300              | 34- 240         |                           | 339-2040                  |                        | 339-2040   | 159- 500        | 26-1540         |                                       | 185-2040                  | 154-0000        |
| Sec. 16 Hematite      | 436- 460              |                 |                           | 436- 460                  |                        | 436- 460   | 29- 460         |                 |                                       | 29- 460                   | 407-0000        |
| Total.                | 3561-1660             | 24371-1560      |                           | 27933- 980                | 1274-1527              | 29208- 527 | 2439-2135       | 25218- 432      |                                       | 27652- 327                | 1550-0000       |
| WOOD:                 |                       |                 |                           |                           |                        |            |                 |                 |                                       |                           |                 |
| Wood in Furnace Yards | 1087.25               | 2189.50         |                           | 3276.75                   | 612.75                 | 3889.50    | 147.00          | 2711.50         |                                       | 2858.50                   | 1031.00         |
| Wood in Furnace Kilns | 1773.50               | 21789.50        |                           | 23563.00                  | 2646.25                | 26209.25   | 1637.00         | 22702.25        |                                       | 24339.25                  | 1870.00         |
| Total.                | 2860.75               | 23979.00        |                           | 26839.75                  | 3259.00                | 30098.75   | 1784.00         | 25413.75        |                                       | 27197.75                  | 2901.00         |
| Charcoal              | 49517                 | 115480          |                           | 162997                    |                        | 162997     |                 |                 |                                       |                           |                 |
| Limestone             | 71994                 | 1004203         |                           | 1076197                   |                        | 1076197    | 120221          | 117683          |                                       | 1237904                   | 1290            |
|                       | 52- 120               | 1305- 550       |                           | 1357- 670                 | 635- 752               | 1992-1422  | 160-922         | 1569- 500       |                                       | 1729-1422                 | 263-0000        |
|                       |                       |                 |                           |                           |                        |            | 120092          |                 | Bushels charcoal charged into furnace |                           |                 |
|                       |                       |                 |                           |                           |                        |            | 129             |                 | Bushels charcoal sold locally         |                           |                 |
|                       |                       |                 |                           |                           |                        |            | 120221          |                 | Total as above                        |                           |                 |

# Pioneer Iron Company

Furnace Department.

STEAM COAL USED DURING FISCAL YEAR ENDING NOVEMBER 30TH., 1907.

| <u>Charged to</u>    | <u>Pounds</u>                | <u>Price</u> | <u>Amount</u> | <u>Cost Sheet</u> |
|----------------------|------------------------------|--------------|---------------|-------------------|
| Furnace              | <sup>530</sup><br>1060000    | 3.01         | 1593.75       | 1,451.50          |
| Chemical Plant       | <sup>1005</sup><br>2010000   | 2.97         | 2982.94       | 3,106.00          |
| Acetate Plant        | <sup>512.5</sup><br>10270000 | 2.98         | 15283.25      | 15,330.63         |
| Formaldehyde Plant   | <sup>684</sup><br>1368000    | 2.97         | 2030.76       | 2,050.12          |
| Locomotive           | <sup>41</sup><br>560000      | 2.96         | 829.48        |                   |
| Acetone Plant        | 188000                       | 3.05         | 286.70        | 286.70            |
| <b>Total</b> - - - - | <sup>7733</sup><br>15456000  | 2.98         | 23006.88      |                   |
|                      | <sup>1906</sup><br>13838000  | 2.75         | 19034.80      |                   |

Made by \_\_\_\_\_  
 Figured by \_\_\_\_\_  
 Copied by W. J. ...  
 Corrected by W. J. ...  
 Examined by W. J. ...



**PIONEER IRON COMPANY**  
Furnace Department

STATEMENT OF NEW CONSTRUCTION AND IMPROVEMENT  
for the year ending November 30th., 1907.

| AUTHORIZATION |                                 |          | C O S T                    |                     |               |                            | D I S P O S I T I O N |           |                |          | B A L A N C E |                     |               |                |           |               |           |        |      |
|---------------|---------------------------------|----------|----------------------------|---------------------|---------------|----------------------------|-----------------------|-----------|----------------|----------|---------------|---------------------|---------------|----------------|-----------|---------------|-----------|--------|------|
| No.           | Description                     | AMOUNT   | To end of Last Fiscal Year | During Current Year | TOTAL To date | To end of Last Fiscal Year | Cost Sheet Or Account | Item      | Rate           | Unit     | Based on      | During Current Year | TOTAL to Date | Bal. Sht. Item | Amount    |               |           |        |      |
|               | Furnace                         |          | 431519                     | 52                  | 431519        | 52                         | 141789                | 00        | Pig Iron       | 1.00     | Ton           | Tons produced       | 38713         | 00             | 180497    | 00            |           |        |      |
| 7             | Additional Skip                 | 550 00   | 675                        | 00                  | 675           | 00                         |                       |           | Gen. Off. Exp. |          |               | Rent Mgr. Read      | 600           | 00             | 600       | 00            |           |        |      |
| 4             | Fence Around Plant              | 246 50   | 252                        | 64                  | 252           | 64                         |                       |           |                |          |               |                     |               |                | 252       | 64            |           |        |      |
|               | <b>TOTAL FURNACE PLANT</b>      |          | <b>432447</b>              | <b>17</b>           | <b>432447</b> | <b>17</b>                  | <b>141779</b>         | <b>00</b> |                |          |               | <b>39318</b>        | <b>00</b>     | <b>181097</b>  | <b>00</b> | <b>251350</b> | <b>17</b> |        |      |
|               | Kilns                           |          | 104443                     | 73                  | 104443        | 73                         | 32156                 | 88        | Charcoal       | 0025     | Bu.           | Bus. produced       | 8541          | 48             | 40698     | 36            | 60        | 63745  | 37   |
|               | Six New Kilns                   | 6800 40  | 7061                       | 81                  | 7061          | 81                         | 39                    | 74        |                | 0025     | Bu.           | Bus. produced       | 546           | 20             | 584       | 94            | 60        | 6476   | 87   |
|               | <b>TOTAL CHARCOAL PLANT</b>     |          | <b>111505</b>              | <b>54</b>           | <b>111505</b> | <b>54</b>                  | <b>32196</b>          | <b>62</b> |                |          |               | <b>9086</b>         | <b>68</b>     | <b>41288</b>   | <b>30</b> | <b>70222</b>  | <b>24</b> |        |      |
|               | Chemical Plant                  |          | 433732                     | 10                  | 433732        | 10                         | 146432                | 08        | Alcohol        | 10%      | Year          |                     | 43380         | 00             | 189812    | 08            | 60        | 243920 | 02   |
|               | Chute Apparatus                 | 9346 80  | 4399                       | 64                  | 4399          | 64                         |                       |           | Alcohol        | 15%      | Year          |                     | 660           | 00             | 660       | 00            | 62        | 3739   | 64   |
|               | Experimental Condensers         |          | 558                        | 21                  | 558           | 21                         | 279                   | 10        | Alcohol        | 12-12-07 | Year          |                     | 278           | 11             | 557       | 21            | 62        | 1      | 00   |
| 45            | Alcohol Storage Tanks           | 3644 50  |                            |                     | 35            | 00                         |                       |           |                |          |               |                     |               |                |           |               |           | 35     | 00   |
| 4             | Fence Around Plant              | 246 50   | 252                        | 64                  | 252           | 64                         |                       |           |                |          |               |                     |               |                |           |               |           | 252    | 64   |
|               | <b>TOTAL CHEMICAL PLANT</b>     |          | <b>438942</b>              | <b>59</b>           | <b>438977</b> | <b>59</b>                  | <b>146711</b>         | <b>18</b> |                |          |               | <b>44318</b>        | <b>11</b>     | <b>191029</b>  | <b>29</b> | <b>247948</b> | <b>30</b> |        |      |
| 22            | Acetate Plant                   |          | 31620                      | 93                  | 29870         | 52                         | 6720                  | 00        | Acetate        | 10%      | Year          |                     | 3120          | 00             | 9840      | 00            | 60        | 20030  | 52   |
|               | New Dry Floor                   | 4818.00  | 7993                       | 65                  | 7993          | 65                         |                       |           | Acetate        | 12%      | Year          |                     | 999           | 24             | 999       | 24            | 62        | 6094   | 41   |
|               | Sup. Estimate                   | 3000.00  |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 9             | Installing Acetate Pans         | 3500.00  | 4189                       | 22                  | 4189          | 22                         | 498                   | 12        | Acetate        | 10%      | Year          |                     | 498           | 12             | 996       | 24            | 60        | 3192   | 93   |
| 20            | Acetate Exp. Tower              | 3103 47  | 832                        | 17                  | 2026          | 98                         | 2859                  | 15        | Acetate        | 12-12-07 | Year          |                     | 2858          | 15             | 2858      | 15            | 62        | 1      | 00   |
| 11            | Lillie Quad. Eff. Evap.         | 8050 00  | 8412                       | 41                  | 8412          | 41                         | 894                   | 48        | Acetate        | 11%      | Year          |                     | 894           | 48             | 1788      | 96            | 62        | 6023   | 45   |
| 17            | Acetate Conveyor                | 1000 00  | 486                        | 15                  | 486           | 15                         | 54                    | 00        | Acetate        | 10%      | Year          |                     | 54            | 00             | 108       | 00            | 62        | 378    | 15   |
| 36            | 12 New Acetate Tanks            | 2671.47  | 2875                       | 68                  | 2875          | 68                         |                       |           |                |          |               |                     |               |                |           |               |           | 2875   | 68   |
|               | Sup. Estimate                   | 204.21   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 42            | Acetate Storage House           | 1864 98  |                            |                     | 1233          | 97                         | 1233                  | 97        |                |          |               |                     |               |                |           |               |           | 1233   | 97   |
|               | <b>TOTAL ACETATE PLANT</b>      |          | <b>52524</b>               | <b>53</b>           | <b>4386</b>   | <b>22</b>                  | <b>57920</b>          | <b>75</b> |                |          |               | <b>8423</b>         | <b>29</b>     | <b>16590</b>   | <b>59</b> | <b>41320</b>  | <b>16</b> |        |      |
| 6             | Formaldehyde Plant              | 14356 41 | 26455                      | 69                  | 26455         | 69                         | 6680                  | 85        | Formaldehyde   | 10%      | Year          |                     | 2620          | 00             | 9500      | 85            | 60        | 16054  | 84   |
| 33            | Form. Plant Addition            | 12128.08 | 13599                      | 68                  | 12599         | 68                         |                       |           |                |          |               |                     |               |                |           |               |           | 12599  | 68   |
|               | Sup. Estimate                   | 890.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               | <b>TOTAL FORMALDEHYDE PLANT</b> |          | <b>26455</b>               | <b>69</b>           | <b>12599</b>  | <b>68</b>                  | <b>20055</b>          | <b>37</b> |                |          |               | <b>2620</b>         | <b>00</b>     | <b>9500</b>    | <b>85</b> | <b>29554</b>  | <b>52</b> |        |      |
| 3             | Rented Houses                   |          | 15703                      | 59                  | 15703         | 59                         | 8715                  | 85        |                |          | Rents Col'd.  |                     | 2324          | 40             | 11040     | 25            | 60        | 4603   | 34   |
| 3             | Five New Tent. Houses           | 7250 00  | 7220                       | 00                  | 7220          | 00                         |                       |           |                |          |               |                     |               |                |           |               |           | 7220   | 00   |
| 10            | Imp. Site Tent. Houses          | 1097.01  | 1310                       | 09                  | 1310          | 09                         | 380                   | 81        |                |          |               |                     |               |                |           |               |           | 380    | 81   |
|               | Sup. Estimate                   | 212.43   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 40            | Repairs Rented Houses           |          | 218                        | 39                  | 134           | 44                         | 352                   | 33        |                |          | Rents Col'd.  |                     | 134           | 44             | 352       | 33            | 62        | 0      | 00   |
|               | Camp Tent. Houses               | 1380.00  | 1533                       | 47                  | 1533          | 47                         |                       |           |                |          | Rents Col'd.  |                     | 72            | 10             | 72        | 10            | 62        | 1461   | 37   |
|               | Sup. Estimate                   | 515.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               | <b>TOTAL HOUSES</b>             |          | <b>24452</b>               | <b>07</b>           | <b>1667</b>   | <b>91</b>                  | <b>26112</b>          | <b>92</b> |                |          |               | <b>2520</b>         | <b>94</b>     | <b>11845</b>   | <b>99</b> | <b>14273</b>  | <b>99</b> |        |      |
| 27            | Zerbal Spur                     | 349.80   | 422                        | 30                  | 379           | 10                         | 43                    | 20        | East Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 43        | 20            | 422       | 30     | 62   |
|               | Sup. Estimate                   | 72.50    |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 25            | Ext. Diemling                   | 2090.00  | 2822                       | 81                  | 1572          | 75                         | 1253                  | 60        | West Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 1228      | 96            | 2801      | 71     | 62   |
|               | Sup. Estimate                   | 722.81   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               |                                 |          |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 12            | Roscoe Spur                     | 3190 00  | 1224                       | 93                  | 1728          | 68                         | 2953                  | 61        | East Wood      |          |               | Wood Cut            |               | 1611           | 38        | 2099          | 61        | 62     | 25   |
|               |                                 |          |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 34            | Alder Spur                      | 187 90   |                            |                     | 170           | 19                         | 170                   | 19        | Accts. Rec.    |          |               | Trackage            |               | 35             | 00        | 35            | 00        | 62     |      |
|               |                                 |          |                            |                     |               |                            |                       |           | West Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 135       | 19            | 135       | 19     | 62   |
| 38            | '07 Ext. Diemling Spur          | 3630 00  | 4248                       | 57                  | 4248          | 57                         |                       |           |                |          |               | East Rents Col.     |               | 18             | 05        | 18            | 05        | 62     | 4248 |
| 39            | Lynn Spur                       | 280 50   | 245                        | 53                  | 245           | 53                         |                       |           |                |          |               | Wood Cut            |               | 227            | 48        | 227           | 48        | 62     |      |
|               |                                 |          |                            |                     |               |                            |                       |           |                |          |               | West Wood           | S&B           | 10%            | Cord      | Wood Cut      |           | 102    | 82   |
| 41            | Nettles Spur                    | 187 00   |                            |                     | 130           | 10                         | 130                   | 10        |                |          |               |                     |               |                |           |               |           |        | 27   |
| 46            | Hanley Spur                     | 625 62   |                            |                     | 129           | 70                         | 129                   | 70        |                |          |               |                     |               |                |           |               |           |        | 129  |
|               | <b>TOTAL SPURS</b>              |          | <b>3176</b>                | <b>73</b>           | <b>7949</b>   | <b>57</b>                  | <b>11126</b>          | <b>35</b> |                |          |               | <b>3518</b>         | <b>52</b>     | <b>6695</b>    | <b>30</b> | <b>4431</b>   | <b>05</b> |        |      |
| 15            | Runley-Dorsey Camp              | 605.00   | 1430                       | 00                  | 279           | 52                         | 1165                  | 72        | West Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 87        | 40            | 162       | 64     | 62   |
|               | Sup. Estimate                   | 225.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               | Sup. Estimate                   | 600.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 28            | Runley- Diemling Camp           | 110.00   | 1765                       | 00                  | 39            | 60                         | 1759                  | 00        | Accts. Rec.    | S&B      | 10%           | Cord                | Trackage      |                | 497       | 30            | 497       | 30     | 62   |
|               | Sup. Estimate                   | 355.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               | Sup. Estimate                   | 1400.00  |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 31            | Coalwood-Aust. Bdg. Ho.         | 610.00   | 1315                       | 00                  | 1216          | 27                         | 1216                  | 27        | East Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 339       | 97            | 339       | 97     | 62   |
|               | Sup. Estimate                   | 500.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
|               | Sup. Estimate                   | 205.00   |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 32            | Coalwood-Roscoe Barn            | 605.00   | 655                        | 00                  | 632           | 13                         | 632                   | 13        | East Wood      | S&B      | 10%           | Cord                | Wood Cut      |                | 565       | 98            | 565       | 98     | 62   |
|               | Sup. Estimate                   | 50.00    |                            |                     |               |                            |                       |           |                |          |               |                     |               |                |           |               |           |        |      |
| 47            | Coalwood-Hanley Camp            | 1094 50  |                            |                     | 1436          | 65                         | 1436                  | 65        |                |          |               | East Rents Col.     |               | 66             | 15        | 66            | 15        | 62     | 1436 |
| 43            | Coalwood-Zerbal House           | 335 00   |                            |                     | 418           | 78                         | 418                   | 78        |                |          |               |                     |               |                |           |               |           |        | 418  |
|               | Coalwood-Roscoe Camp            |          |                            |                     | 96            | 05                         | 96                    | 05        |                |          |               |                     |               |                |           |               |           |        | 96   |
|               | <b>TOTAL CAMPS AND BARN</b>     |          | <b>319</b>                 | <b>12</b>           | <b>6725</b>   | <b>50</b>                  | <b>7044</b>           | <b>68</b> |                |          |               | <b>3897</b>         | <b>72</b>     | <b>4216</b>    | <b>84</b> | <b>2827</b>   | <b>78</b> |        |      |

THE STATE TREASURY

NEW YORK AND PORTLAND CEMENT

| AUTHORIZATION                  |          | COST                       |                     |                   |                            | DISPOSITION           |                |               |                     | BALANCE          |                |                  |
|--------------------------------|----------|----------------------------|---------------------|-------------------|----------------------------|-----------------------|----------------|---------------|---------------------|------------------|----------------|------------------|
| Description                    | AMOUNT   | To end of Last Fiscal Year | During Current Year | Total to date     | To end of Last Fiscal Year | Cost Sheet Or Account | Item Rate Unit | Based on      | During Current Year | Total to Date    | Bal. Sht. Item | Amount           |
| Carp Furnace                   |          | 81961 98                   |                     | 81961 98          | 7788 00                    | Carp Pig Iron         | Dep. 50% Ton   | Tons produced | 6940 00             | 14728 00         | 60             | 17233 98         |
| 21 Carp New Hot Blast          | 2438.96  | 5974 58                    | 5757 28             | 217 30            | 5974 58                    |                       |                |               |                     |                  | 62             | 5974 58          |
| Sup. Estimate                  | 1800.00  |                            |                     |                   |                            |                       |                |               |                     |                  |                |                  |
| Sup. Estimate                  | 1738.02  |                            |                     |                   |                            |                       |                |               |                     |                  |                |                  |
| <b>TOTAL CARP FURNACE</b>      |          | <b>37719 26</b>            | <b>217 30</b>       | <b>37936 56</b>   | <b>7788 00</b>             |                       |                |               | <b>6940 00</b>      | <b>14728 00</b>  |                | <b>23208 56</b>  |
| Carp Kilns                     |          | 13028 02                   |                     | 13028 02          | 1950 99                    | Carp Charcoal         | Dep. 0025 Bu.  | Bus. produced | 2690 50             | 4641 49          | 60             | 8296 58          |
| 37 Carp New Kilns              | 2150 70  |                            | 15 00               | 15 00             |                            | Carp Pig Iron         | RCM 12-13-07   |               | 15 00               | 15 00            | 62             |                  |
| <b>TOTAL CARP KILNS</b>        |          | <b>13028 02</b>            | <b>15 00</b>        | <b>13028 02</b>   | <b>1950 99</b>             |                       |                |               | <b>2705 50</b>      | <b>4656 49</b>   |                | <b>8300 53</b>   |
| 24 Exp. Portable Ry.           | 2482.11  | 4351 08                    | 2013 00             | 2372 08           | 4586 04                    |                       |                |               |                     |                  | 62             | 4586 04          |
| Sup. Estimate                  | 2369.52  |                            |                     |                   |                            |                       |                |               |                     |                  | 62             | 14026 07         |
| 35 Acetone Plant               | 10084.02 | 14834 02                   |                     | 14026 07          | 14026 07                   |                       |                |               |                     |                  |                |                  |
| Sup. Estimate                  | 4600.00  |                            |                     |                   |                            |                       |                |               |                     |                  |                |                  |
| 44 Fine Chemicals Building     | 10017 50 |                            | 55 00               | 55 00             |                            |                       |                |               |                     |                  | 62             | 55 00            |
| Furnace Plant                  |          | 432447 17                  |                     | 432447 17         | 141779 00                  |                       |                |               | 39318 00            | 161097 00        |                | 251350 17        |
| Charcoal Plant                 |          | 111506 54                  |                     | 111506 54         | 32100 02                   |                       |                |               | 9086 68             | 41288 30         |                | 70222 24         |
| Chemical Plant                 |          | 438942 59                  | 36 00               | 439277 59         | 140711 18                  |                       |                |               | 44318 11            | 191029 29        |                | 247048 30        |
| Acetate Plant                  |          | 53534 53                   | 4330 22             | 57920 75          | 3100 60                    |                       |                |               | 8423 02             | 10690 59         |                | 41330 16         |
| Formaldehyde Plant             |          | 26455 69                   | 12599 68            | 39055 37          | 6080 85                    |                       |                |               | 2820 00             | 9500 85          |                | 20554 52         |
| Houses                         |          | 24452 07                   | 1607 91             | 26019 98          | 9315 05                    |                       |                |               | 2530 94             | 11845 99         |                | 14273 09         |
| SPURS                          |          | 3176 78                    | 7940 57             | 11120 35          | 3176 78                    |                       |                |               | 3518 52             | 6095 30          |                | 4421 05          |
| Camps and Barns                |          | 319 12                     | 6725 50             | 7044 62           | 319 12                     |                       |                |               | 3897 72             | 4210 84          |                | 2827 78          |
| Carp Furnace                   |          | 37719 26                   | 217 30              | 37936 56          | 7788 00                    |                       |                |               | 6940 00             | 14728 00         |                | 23208 56         |
| Carp Kilns                     |          | 13028 02                   | 15 00               | 13028 02          | 1950 99                    |                       |                |               |                     |                  |                | 8300 53          |
| Exp. Portable Ry.              |          | 2013 00                    | 2372 08             | 4586 04           |                            |                       |                |               |                     |                  |                | 4586 04          |
| Acetone Plant                  |          |                            | 14026 07            | 14026 07          |                            |                       |                |               |                     |                  |                | 14026 07         |
| Fine Chemicals Building        |          |                            | 55 00               | 55 00             |                            |                       |                |               |                     |                  |                | 55 00            |
| <b>TOTAL NEW CON. AND IMP.</b> |          | <b>1143004 70</b>          | <b>50849 90</b>     | <b>1194454 60</b> | <b>353024 19</b>           |                       |                |               | <b>123559 40</b>    | <b>481643 65</b> |                | <b>712811 01</b> |
| 8 Filtration Plant             | 1335.40  | 1585 40                    | 1646 81             | 1646 81           |                            |                       |                |               |                     |                  |                | 1646 81          |
| Sup. Estimate                  | 260.00   |                            |                     |                   |                            |                       |                |               |                     |                  |                |                  |
| 19 Stock Ho. Trestle Carp Fee. | 2201 02  | 1792 94                    |                     | 1792 94           | 1792 94                    | Carp Maintenance      |                |               |                     | 1792 94          |                |                  |

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 Examined by \_\_\_\_\_



# Pioneer Iron Company

Furnace Department.

Statement of New Construction & Improvement which has been charged off

November 30th, 1907.

| <u>Auth No.</u>         | <u>Description</u>            | <u>Amount Authorized</u> | <u>Total Cost</u> |
|-------------------------|-------------------------------|--------------------------|-------------------|
| Carp Furnace Group:-    |                               |                          |                   |
| 23                      | Addition to Carp Cast House   | 1170.00                  | 1186.39           |
| Carp Kilns Group:-      |                               |                          |                   |
|                         | Carp Smoke Condensers         |                          | 41.00             |
| Railroad Group:-        |                               |                          |                   |
| 60                      | Munising East Spurs           | 4448.92                  | 6140.92           |
| 2                       | Valley Spur                   | 5786.00                  | 5248.34           |
| 60B                     | East Extension Coalwood No. 1 | 412.50                   | 136.70            |
| 13                      | Bovin Spur                    | 308.00                   | 143.59            |
| 61                      | Munising West Spurs           | 2397.65                  | 2207.58           |
| 61B                     | Diemling Spur                 | 3125.00                  | 3016.52           |
| 14                      | Extension Spur No. 1, Rumely  | 27.50                    | 13.61             |
| 12                      | Roscoe Spur, Coalwood         | 3190.00                  | 1224.93           |
| 18                      | Block Spur, Rumely            | 228.80                   | 229.98            |
| 25                      | 1906 Extension Diemling Spur  | 2822.81                  | 2826.35           |
| 26                      | Glasier Spur, Coalwood        | 220.00                   | 265.10            |
| 27                      | Zerbal Spur                   | 422.30                   | 422.30            |
| 34                      | Alder Spur                    | 187.00                   | 170.19            |
| 39                      | Lynn Spur                     | 280.50                   | 245.53            |
| Camps and Barns Group:- |                               |                          |                   |
| 5                       | Eben Camps and Spurs          | 1319.87                  | 1000.99           |
|                         | Company House, Coalwood       | 300.75                   | 300.75            |
| 15                      | Rumely-Dorsey Camp            | 1430.00                  | 1445.24           |
| 16                      | Coalwood-Roscoe Camp          | 192.50                   | 150.74            |
| 20                      | Eben Boarding house           | 205.00                   | 218.47            |
| 28                      | Rumely-Diemling Camp          | 1765.00                  | 1799.50           |
| 32                      | Coalwood-Roscoe Barn          | 655.00                   | 632.13            |
| 37                      | Carp Furnace New Kilns        | 3150.70                  | 15.00             |

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# Pioneer Iron Company

Furnace Department.

## FURNACE GENERAL EXPENSE:

17942.75

|                              |          |
|------------------------------|----------|
| Insurance,                   | 104.49   |
| T a x e s,                   | 4717.98  |
| Analysis & Testing,          | 2732.66  |
| Salaries and Other Expenses, | 10290.12 |
| Accident,                    | 97.50    |

## FURNACE MAINTENANCE:

13131.79

|                                      |         |
|--------------------------------------|---------|
| Tracks and Yard,                     | 1343.74 |
| Trestles and Dock,                   | 509.50  |
| Buildings,                           | 1153.07 |
| Machinery,                           | 2185.53 |
| Tuyeres,                             | 1281.05 |
| Relinings and Renewals,              | 3871.80 |
| Water Supply,                        | 201.97  |
| Pig Iron Trucks, Coal & Ore Buggies, | 279.33  |
| S t a c k,                           | 163.74  |
| S t o v e s,                         | 1226.10 |
| Cleaning Up,                         | 915.96  |

## FURNACE OPERATING:

651247.48

|                                |           |
|--------------------------------|-----------|
| Machinery,                     | 4949.64   |
| Electric Light,                | 1177.13   |
| Bottom Fillers,                | 3154.39   |
| Top Fillers,                   | 3073.29   |
| Handling Iron,                 | 6108.11   |
| Handling Cinder,               | 6380.76   |
| Weighing and Grading Iron,     | 693.55    |
| Founders, Keepers and Helpers, | 10744.61  |
| Coal Forkers,                  | 13081.74  |
| Casting Tools,                 | 1052.27   |
| Sand and Clay,                 | 1181.94   |
| Cleaning Stoves,               | 959.86    |
| Boiler Fuel,                   | 1697.28   |
| O r e,                         | 250630.42 |
| Charcoal,                      | 287952.42 |
| Limestone,                     | 5732.26   |
| Depreciation of Construction,  | 38718.00  |
| Depreciation of Equipment,     | 5931.21   |
| Freight Allowance,             | 2328.50   |
| Loading Cars,                  | 3176.52   |
| Switching,                     | 494.94    |
| Loading Vessels,               | 2141.85   |
| Appreciation of Inventory,     | 113.21    |

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# Pioneer Iron Company

Furnace Department.

## CHEMICAL GENERAL EXPENSE:

15900.93

|                              |         |
|------------------------------|---------|
| Insurance,                   | 5199.96 |
| T a x e s,                   | 4717.98 |
| Analysis,                    | 1193.49 |
| Salaries and Other Expenses, | 4789.50 |

## CHEMICAL MAINTENANCE:

7469.22

|                   |         |
|-------------------|---------|
| Tanks and Stills, | 4056.04 |
| Condensers,       | 238.22  |
| Machinery,        | 862.25  |
| Boilers,          | 1587.38 |
| Fans and Pulleys, | 94.55   |
| Smoke Mains,      | 286.92  |
| Buildings,        | 167.81  |
| Water Supply,     | 0.00    |
| D i t c h,        | 89.15   |
| Cleaning Up,      | 86.90   |

## CHEMICAL OPERATING:

83047.97

|                               |          |
|-------------------------------|----------|
| Superintendent,               | 1500.00  |
| Stillmen,                     | 8424.31  |
| Engineers,                    | 1738.81  |
| Firemen,                      | 1316.47  |
| Machinery,                    | 3403.88  |
| Boilers,                      | 423.28   |
| F u e l,                      | 3635.68  |
| Electric Light,               | 617.27   |
| L i m e,                      | 7871.05  |
| Chemicals,                    | 1607.52  |
| Filter,                       | 1358.19  |
| Depreciation of Construction, | 43380.00 |
| Depreciation of Improvement,  | 938.11   |
| Barrels,                      | 6484.40  |
| Loading,                      | 338.78   |
| Switching,                    | 16.32    |
| Appreciation of Inventory,    | 6.10     |

# Pioneer Iron Company

Furnace Department.

## ACETATE GENERAL EXPENSE:

2069.68

Analysis,  
Salaries and Other Expenses,

368.16  
1701.52

## ACETATE MAINTENANCE:

1910.86

Buildings,  
T a n k s,  
Conveyor,  
Dry Floor,  
Piping,  
Boilers,  
Pans,  
Machinery,  
Lillie Apparatus,

490.04  
3.41  
132.89  
57.63  
160.54  
283.02  
179.77  
273.86  
329.70

## ACETATE OPERATING:

42207.49

Machinery,  
Skimming,  
Engineers,  
Firemen,  
Fuel,  
Electric Light,  
Boilers,  
P u m p s,  
Firing Generators,  
Rakers,  
Lillie Apparatus,  
Weighing,  
Depreciation of Construction,  
Depreciation of Improvement,  
S a c k s,  
Loading,  
Switching,  
Storing,

478.54  
1921.94  
398.01  
291.94  
18032.23 -  
138.32  
117.15  
2.53  
1864.11  
1969.46  
1640.00  
666.52  
3618.12  
4805.87  
5526.17  
538.03  
37.19  
161.36



# Pioneer Iron Company

Furnace Department.

|                                      |          |          |
|--------------------------------------|----------|----------|
| <u>FORMALDEHYDE GENERAL EXPENSE:</u> |          | 1134.80  |
| Analysis,                            | 345.45   |          |
| Salaries and Other Expenses,         | 789.35   |          |
| <u>FORMALDEHYDE MAINTENANCE:</u>     |          | 1801.16  |
| Tanks and Stills,                    | 1274.22  |          |
| Machinery,                           | 119.09   |          |
| Boilers,                             | 119.92   |          |
| Buildings,                           | 287.93   |          |
| <u>FORMALDEHYDE OPERATING:</u>       |          | 41690.28 |
| Stillmen,                            | 1739.75  |          |
| Engineers,                           | 199.05   |          |
| Firemen,                             | 146.81   |          |
| Machinery,                           | 248.36   |          |
| Boilers,                             | 48.58    |          |
| F u e l,                             | 2420.53  |          |
| Electric Light,                      | 112.04   |          |
| Copper Netting,                      | 708.60   |          |
| Alcohol,                             | 27864.72 |          |
| Depreciation of Construction,        | 2820.00  |          |
| Packages,                            | 5095.14  |          |
| Loading,                             | 276.35   |          |
| Switching,                           | 10.35    |          |

# Pioneer Iron Company

Furnace Department.

## ACETONE MAINTENANCE:

653.09

|                   |        |
|-------------------|--------|
| Tanks and Stills, | .50    |
| Machinery,        | 39.08  |
| Ovens,            | 59.37  |
| Buildings,        | 21.37  |
| M o t o r,        | 5.99   |
| Conveyor,         | 9.31   |
| P a n s,          | 505.98 |
| Piping,           | 11.49  |

## ACETONE OPERATING:

3463.28

|                 |         |
|-----------------|---------|
| Firemen,        | 90.87   |
| Machinery,      | 3.34    |
| F u e l,        | 323.89  |
| Electric Light, | 6.29    |
| Acetate,        | 3038.89 |

# Pioneer Iron Company

Furnace Department.

## GARP GENERAL EXPENSE:

7262.39

|                              |         |
|------------------------------|---------|
| Insurance,                   | 397.00  |
| T a x e s,                   | 908.76  |
| Analysis,                    | 1690.96 |
| Salaries and Other Expenses, | 4265.67 |

## GARP MAINTENANCE:

6923.25

|  |         |
|--|---------|
| Machinery,                             | 2473.57 |
| Tracks and Yard,                       | 275.07  |
| Trestles and Dock,                     | 541.10  |
| Buildings,                             | 497.42  |
| Tuyeres,                               | 251.59  |
| Relinings and Renewals,                | 2776.00 |
| Water Supply,                          | 132.31  |
| Pig Iron Trucks, Coal and Ore Buggies, | 321.32  |
| S t a c k,                             | 598.80  |
| S t o v e s,                           | 9.70    |
| Cleaning Up,                           | 1045.37 |

## GARP OPERATING:

236023.80

|                               |           |
|-------------------------------|-----------|
| Machinery,                    | 2918.58   |
| Electric Light,               | 341.37    |
| Bottom Fillers,               | 7771.16   |
| Top Fillers,                  | 2053.00   |
| Handling Iron,                | 2162.50   |
| Weighing and Grading Iron,    | 843.42    |
| Handling Cinder,              | 1416.62   |
| Founders, Keepers & Helpers,  | 5983.67   |
| Coal Forkers,                 | 3868.29   |
| Casting Tools,                | 345.73    |
| Sand and Clay,                | 977.98    |
| W o o d,                      | 936.04    |
| Cleaning Up,                  | 54.41     |
| O r e,                        | 89986.09  |
| Charcoal,                     | 104085.71 |
| Limestone,                    | 2012.90   |
| Depreciation of Construction, | 6940.00   |
| Depreciation of Improvement,  | 15.00     |
| Depreciation of Equipment,    | 474.15    |
| Freight Allowance,            | 751.00    |
| Loading Cars,                 | 979.88    |
| Loading Vessels,              | 1127.53   |
| Appreciation of Inventory,    | 21.23     |



# Pioneer Iron Company

Furnace Department.

PERCENT OF DIVISIONS COMMON EXPENSE

NOVEMBER 30th., 1907.

|                     | <u>Furnace</u>                            | <u>Chemical Plant</u> | <u>Acetate Plant</u> | <u>Formaldehyde Plant</u> |
|---------------------|---|-----------------------|----------------------|---------------------------|
| Laboratory Supplies | 65  | 25                    | 5                    | 5                         |
| Electric Light      | 65  | 25                    | 5                    | 5                         |
| General Office      | based on previous months operating costs. |                       |                      |                           |

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Examined by Coma

C. G. 1. 00

THE CLEVELAND-CLIFFS IRON COMPANY

FURNACE DEPARTMENT

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DETAIL OF STOCK USED

| O R E                     | 1907    |      |       |        |              |               |      |      | 1906    |        |              |               |      |     |       |  |
|---------------------------|---------|------|-------|--------|--------------|---------------|------|------|---------|--------|--------------|---------------|------|-----|-------|--|
|                           | Tons    | Lbs. | Price | Amount | Cost Per Ton | Per Cent Used | Tons | Lbs. | Price   | Amount | Cost Per Ton | Per Cent Used |      |     |       |  |
| L a k e                   | 60164   | 2180 | 3 460 | 208188 | 01 5         | 536           | 80   | 1    | 57097   | 1770   | 2 889        | 164915        | 56 4 | 575 | 81 5  |  |
| Buffalo                   |         |      |       |        |              |               |      |      | 1337    | 420    | 3 005        | 4018          | 55   | 112 | 1 9   |  |
| Lake Silica               | 4148    | 760  | 1 659 | 6880   | 20           | 183           | 5    | 6    | 3472    | 140    | 1 579        | 5481          | 32   | 152 | 5 0   |  |
| Negaunee                  | 1312    | 1820 | 3 675 | 4829   | 21           | 128           | 1    | 8    |         |        |              |               |      |     |       |  |
| Alfred                    |         |      |       |        |              |               |      |      | 1133    | 2180   | 4 164        | 4723          | 79   | 131 | 1 6   |  |
| Section 16 Hematite       | 469     | 400  | 2 137 | 1003   | 12           | 027           |      | 6    |         |        |              |               |      |     |       |  |
| Salisbury                 |         |      |       |        |              |               |      |      | 1304    | 0      | 2 824        | 3683          | 85   | 102 | 1 9   |  |
| M a a s                   | 1305    | 1780 | 3 667 | 4789   | 96           | 127           | 1    | 7    |         |        |              |               |      |     |       |  |
| Lake Bessemer Silica      |         |      |       |        |              |               |      |      | 2367    | 450    | 1 567        | 3709          | 84   | 103 | 3 4   |  |
| Lake Bessemer             |         |      |       |        |              |               |      |      | 168     | 1980   | 4 660        | 787           | 64   | 022 | 2     |  |
| Cliffs Shaft              | 7670    | 20   | 4 242 | 32539  | 73           | 865           | 10   | 2    | 2594    | 340    | 3 560        | 9235          | 42   | 256 | 3 7   |  |
| Abbotsford                |         |      |       |        |              |               |      |      | 572     | 570    | 4 627        | 2646          | 28   | 073 | 8     |  |
| Brands for thawing ore    |         |      |       | 519    | 62           | 014           |      |      |         |        |              | 307           | 40   | 009 |       |  |
| Dr. a/c years analysis    |         |      |       | 762    | 06           | 020           |      |      |         |        |              | 209           | 52   | 005 |       |  |
| Total                     | 75071   | 240  | 3 408 | 259511 | 91 6         | 900           | 100  | 0    | 70047   | 1130   | 2 852        | 199719        | 17 5 | 540 | 100 0 |  |
| Gr. a/c years analysis    |         |      |       | 3713   | 95           | 099           |      |      |         |        |              | 2818          | 27   | 078 |       |  |
| Frt. on Abbotsford ret'd. |         |      |       |        |              |               |      |      |         |        |              | 156           | 59   | 005 |       |  |
| Total                     | 75071   | 240  | 3 408 | 255797 | 96 6         | 801           | 100  | 0    | 70047   | 1130   | 2 852        | 196744        | 31 5 | 457 | 100 0 |  |
| Limestone                 | 4132    | 1310 | 1 040 | 4297   | 98           | 114           |      |      | 2758    | 1050   | 1 061        | 2925          | 85   | 081 |       |  |
| Charcoal ( Bushels )      | 3558575 |      | 097   | 345150 | 34 9         | 176           |      |      | 3608717 |        | 079          | 286418        | 54 7 | 944 |       |  |

Made by.....  
 Figured by.....  
 Checked by.....  
 Corrected by *GWA*  
 Examined by *W.D.M.*

THE CLEVELAND-CLIFFS IRON COMPANY  
Furnace Department

COMPARATIVE STATEMENT OF PIG IRON COST SHEETS FOR 1907 AND 1906.

| Blast No. 2<br>Tons made this blast, 254,520 | No. Days Operated 1907, 357<br>Iron Made In 1907, 37612 Tons |           |           |           | No. Days Operated 1906, 361<br>Iron Made In 1906, 36055 Tons |           |           |           |        |
|--|--|-----------|-----------|-----------|--|-----------|-----------|-----------|--------|
|  | Cost   |           |           | Per Ton   | Cost   |           |           | Per Ton   |        |
|  | Labor  | Supplies  | Total     |           | Labor  | Supplies  | Total     |           |        |
| <b>GENERAL EXPENSE:</b>                      |  |           |           |           |  |           |           |           |        |
| Insurance,                                   |  | 125 94    | 125 94    | 003       |  | 132 00    | 132 00    | 004       |        |
| Taxes,                                       |  | 3284 14   | 3284 14   | 087       |  | 3132 51   | 3132 51   | 087       |        |
| Analysis,                                    | 790 84   | 158 39    | 949 23    | 025       | 642 96   | 281 92    | 924 88    | 026       |        |
| Salaries and Other Expenses,                 | 7809 46  | 3249 19   | 11058 65  | 295       | 6824 82  | 3101 28   | 9926 10   | 275       |        |
| <b>Total</b>                                 |  |           |           |           |  |           |           |           |        |
|  |  | 8600 80   | 6817 66   | 15417 06  | 410  | 7467 78   | 6647 71   | 14115 49  | 392    |
| <b>MAINTENANCE:</b>                          |  |           |           |           |  |           |           |           |        |
| Tracks and Yard,                             | 1324 67  | 678 66    | 2003 33   | 053       | 759 90   | 524 39    | 1284 29   | 036       |        |
| Trestles and Deck,                           | 2828 39  | 3213 64   | 6042 03   | 161       | 2809 06  | 9474 61   | 12333 67  | 341       |        |
| Buildings,                                   | 713 52   | 788 78    | 1502 30   | 040       | 442 04   | 356 71    | 798 75    | 022       |        |
| Machinery,                                   | 768 85   | 990 65    | 1759 50   | 047       | 1108 05  | 1219 23   | 2327 28   | 065       |        |
| Tuyeres,                                     | 154 03   | 1064 82   | 1218 85   | 032       | 64 52  | 502 16    | 566 68    | 016       |        |
| Relinings and Renewals,                      |  | 3771 10   | 3771 10   | 100       |  | 3609 20   | 3609 20   | 100       |        |
| Water Supply,                                | 87 23  | 56 75     | 143 98    | 004       | 104 38   | 17 03     | 121 41    | 003       |        |
| Pig Iron Trucks, Coal & Ore Buggies,         | 423 55   | 172 44    | 595 99    | 016       | 283 73   | 60 63     | 344 36    | 009       |        |
| Stacks,                                      | 77 41  | 82 24     | 159 65    | 004       | 91 12  | 16 20     | 107 32    | 002       |        |
| Stoves,                                      | 246 08   | 49 21     | 295 29    | 008       | 108 87   | 25 68     | 184 55    | 004       |        |
| Cleaning Up,                                 | 618 54   | 153 84    | 772 38    | 021       | 773 62   | 47 95     | 820 67    | 023       |        |
| Sewer,                                       |  |           |           |           | 435 28   | 114 12    | 549 40    | 015       |        |
| <b>Total</b>                                 |  |           |           |           |  |           |           |           |        |
|  |  | 7242 22   | 11022 13  | 18264 35  | 486  | 6980 57   | 15967 01  | 22947 58  | 636    |
| <b>OPERATING:</b>                            |  |           |           |           |  |           |           |           |        |
| Machinery,                                   | 3651 47  | 1379 47   | 5030 94   | 134       | 3470 00  | 1259 99   | 4729 99   | 131       |        |
| Electric Light,                              | 137 90   | 168 58    | 306 48    | 008       | 198 04   | 191 37    | 389 41    | 010       |        |
| Bottom Fillers,                              | 11334 49   | 345 73    | 12180 22  | 324       | 10867 84   | 182 36    | 11050 20  | 307       |        |
| Top Fillers,                                 | 2348 86  | 2 51      | 2351 37   | 076       | 2721 33  | 4 32      | 2725 65   | 076       |        |
| Handling Iron,                               | 6123 54  | 12 54     | 6136 08   | 163       | 5148 27  | 1 08      | 5149 35   | 143       |        |
| Handling Cinder,                             | 3061 10  | 831 59    | 3892 69   | 104       | 2513 50  | 426 55    | 2940 05   | 082       |        |
| Weighing and Grading Iron,                   | 730 05   |           | 730 05    | 019       | 685 45   | 40 40     | 685 85    | 019       |        |
| Founders, Keepers and Helpers,               | 10446 58   |           | 10446 58  | 278       | 9946 34  | 12 51     | 9958 85   | 276       |        |
| Coal Forkers,                                | 3912 89  | 239 05    | 9151 94   | 243       | 3520 30  | 132 46    | 3652 76   | 240       |        |
| Casting Tools,                               | 263 20   | 374 13    | 637 32    | 017       | 209 64   | 186 26    | 395 90    | 011       |        |
| Sand and Clay,                               | 1091 21  | 1168 73   | 2259 94   | 060       | 799 62   | 895 03    | 1694 65   | 047       |        |
| Filtering,                                   | 11 78  | 196 43    | 208 21    | 006       |  | 99 79     | 99 79     | 003       |        |
| Wood,  | 58 07  | 429 81    | 487 88    | 013       | 52 02  | 256 55    | 308 57    | 008       |        |
| Cleaning Stoves,                             | 427 99   | 339 56    | 767 55    | 020       | 257 83   | 388 86    | 644 69    | 018       |        |
| Boiler Fuel,                                 |  | 353 03    | 353 03    | 009       |  |           |           |           |        |
| Expense of Wreck,                            |  | 1159 55   | 1159 55   | 031       |  |           |           |           |        |
| <b>Total</b>                                 |  |           |           |           |  |           |           |           |        |
|  |  | 49590 13  | 7000 71   | 56599 84  | 1505   | 45390 18  | 4035 53   | 49425 71  | 1371   |
| <b>STOCK USED:</b>                           |  |           |           |           |  |           |           |           |        |
| Ore,   |  | 255797 96 | 255797 96 | 6 801     | 21 58  | 196722 73 | 196744 31 | 5 457     |        |
| Charcoal,                                    |  | 345150 34 | 345150 34 | 9 176     |  | 286418 54 | 286418 54 | 7 944     |        |
| Limestone                                    |  | 4297 98   | 4297 98   | 114       |  | 2925 85   | 2925 85   | 081       |        |
| <b>Total</b>                                 |  |           |           |           |  |           |           |           |        |
|  |  | 605246 28 | 605246 28 | 16 091    | 21 58  | 486067 12 | 486088 70 | 13 482    |        |
| <b>DEPRECIATION:</b>                         |  |           |           |           |  |           |           |           |        |
| Equipment,                                   |  | 1017 65   | 1017 65   | 027       |  | 423 23    | 423 23    | 012       |        |
| Construction,                                |  | 5741 42   | 5741 42   | 153       |  | 18046 00  | 18046 00  | 500       |        |
| Improvement,                                 |  | 6930 23   | 6930 23   | 184       |  | 185 57    | 185 57    | 005       |        |
| Shortage Supply Account,                     |  |           |           |           |  | 103 37    | 103 37    | 003       |        |
| Appreciation of Inventory,                   |  | 68 00     |           | 002       |  |           |           |           |        |
| <b>Total</b>                                 |  |           |           |           |  |           |           |           |        |
|  |  | 13620 31  | 13620 31  | 362       |  | 18758 17  | 18758 17  | 520       |        |
| <b>Total Cost On Yard</b>                    |  |           |           |           |  |           |           |           |        |
|  |  | 65441 65  | 643707 09 | 709143 74 | 18 854   | 59860 11  | 581475 54 | 591335 65 | 16 401 |
| <b>LOADING &amp; SWITCHING:</b>              |  |           |           |           |  |           |           |           |        |
| 1907   |  | 1917 51   | 1917 51   | 068       |  | 1058 23   | 1058 23   | 062       |        |
| 1906   |  | 1897 8    | 1897 8    | 055       |  | 72 33     | 196 93    | 012       |        |
| Switching,                                   | 28229  | 16978     | 35207     | 091       | 124 10   | 1083 23   | 1083 23   | 032       |        |
| <b>Total Loading Cars</b>                    |  |           |           |           |  |           |           |           |        |
|  |  | 213 52    | 2052 94   | 2271 46   | 061  | 124 10    | 1181 06   | 1255 16   | 035    |
| <b>Loading Vessels, Tons</b>                 |  |           |           |           |  |           |           |           |        |
|  |  | 352 16    | 1347 75   | 1699 91   | 045  | 227 81    | 2832 41   | 3060 22   | 085    |
| <b>Grand Total</b>                           |  |           |           |           |  |           |           |           |        |
|  |  | 66012 32  | 647107 78 | 718120 11 | 18 960   | 60212 02  | 585439 01 | 595651 03 | 16 521 |
| Construction Account Not Sunk Off            |  |           |           |           |  |           | 5741 42   |           |        |
| Improvement Account Not Sunk Off             |  |           |           |           |  |           | 6930 23   |           |        |
| Cost Per Ton For Labor                       |  |           |           |           | 1 755  |           |           | 1 670     |        |

SUMMARY OF COST PER TON

|                                     | On Yard |        |        | On Cars |        |        | On Ves'l |        |        |
|-------------------------------------|---------|--------|--------|---------|--------|--------|----------|--------|--------|
|                                     | 1907    | 1906   | 1907   | 1907    | 1906   | 1907   | 1907     | 1906   | 1907   |
| Cost on yard, as above,             | 18 854  | 18 854 | 18 854 | 16 401  | 16 401 | 16 401 | 16 401   | 16 401 | 16 401 |
| Cost to load, as above,             |         | 080    | 172    |         | 035    | 085    |          | 085    |        |
| <b>Total</b>                        | 18 854  | 18 934 | 19 026 | 16 401  | 16 436 | 16 486 | 16 401   | 16 486 | 16 486 |
| Com. and Expenses, Cleveland Office | 350     | 350    | 350    | 350     | 350    | 350    | 350      | 350    | 350    |
| <b>Total Cost</b>                   | 19 204  | 19 284 | 19 376 | 16 751  | 16 786 | 16 836 | 16 751   | 16 836 | 16 836 |

REMARKS:

General Expense ( Salaries & Other Expenses ) charged 5 1/2 per cent of General Office and 65 per cent of Gladstone office

OVER-RUN IN ORES

|              |            |   |
|--------------|------------|---|
| Cliffs Shaft | 353 - 2238 | From September 1903 to November 30th., 1907 |
| Lake Silica  | 64 - 1430  | From June 1906 to October 31st., 1907.      |
| Megaunee     | 17 - 18    | From September 1907 to October 31st., 1907. |
| <b>Total</b> | 434 - 1496 |   |

OVER-RUN IN LIMESTONE

50 - 1240 June 1907 to October 31st., 1907.

Made by *CRB*  
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Corrected by *GWA*  
Printed by \_\_\_\_\_



The Cleveland-Crosby Iron Co.  
FURNACE DEPARTMENT

COMPARATIVE CHARCOAL COST SHEETS

FOR 1906 AND 1907

|  | 1907           |               |                 | 1906           |               |                 |
|--|----------------|---------------|-----------------|----------------|---------------|-----------------|
|  | BUSHEL         | AMOUNT        | Cost per Bu.    | BUSHEL         | AMOUNT        | Cost per Bu.    |
| <b>PIONEER FURNACE KILNS:</b>              | <b>1967940</b> |               |                 | <b>2359880</b> |               |                 |
| Wood, <i>2.96 per bu.</i>                  | 132017         | 47            | 0671            | 135966         | 45            | 0576            |
| Loading from yard,                         | 544            | 69            | 0003            | 985            | 69            | 0004            |
| Packing,                                   | 12061          | 65            | 0061            | 10413          | 80            | 0044            |
| Kiln tending,                              | 3397           | 50            | 0020            | 3695           | 32            | 0016            |
| Taking out Breeze,                         | 1387           | 14            | 0007            | 1141           | 75            | 0005            |
| Whitewashing,                              | 1770           | 68            | 0009            | 1452           | 32            | 0006            |
| Cleaning out Kilns,                        | 842            | 19            | 0004            | 673            | 39            | 0003            |
| Depreciation,                              | 4919           | 85            | 0025            | 5899           | 70            | 0025            |
| Repairs,                                   | 3269           | 01            | 0017            | 4393           | 16            | 0019            |
| Shortage Parsons Wood,                     | 6664           | 71            | 0038            |                |               |                 |
| <b>TOTAL</b>                               | <b>167374</b>  | <b>89</b>     | <b>0850</b>     | <b>164621</b>  | <b>58</b>     | <b>0693</b>     |
| Average yield per cord,                    |                |               | 44 <sup>1</sup> |                |               | 42 <sup>4</sup> |
| Cords carbonized,                          |                |               | 44621           |                |               | 55599           |
| Cords carbz'd. per kiln,                   |                |               | 637             |                |               | 794             |
| Bushels per kiln - small,                  |                |               | 25600           |                |               | 30991           |
| Bushels per kiln - large,                  |                |               | 33746           |                |               | 40517           |
| <b>PIONEER FURNACE RETORTS:</b>            | <b>693540</b>  |               |                 | <b>751500</b>  |               |                 |
| Wood,                                      | 44374          | 28            | 0647            | 43394          | 43            | 0577            |
| Loading Cradle Cars,                       | 3361           | 76            | 0048            | 3146           | 92            | 0042            |
| Filling and Pulling,                       | 1633           | 77            | 0024            | 1573           | 41            | 0021            |
| Tending,                                   | 898            | 80            | 0013            | 880            | 00            | 0012            |
| Firing,                                    | 2983           | 25            | 0043            | 2767           | 50            | 0037            |
| Fuel,                                      | 16141          | 27            | 0233            | 15453          | 07            | 0206            |
| Sand and Cement,                           | 81             | 43            | 0001            | 53             | 08            | 0000            |
| Depreciation,                              | 9016           | 02            | 0130            | 9771           | 50            | 0130            |
| Repairs,                                   | 4293           | 04            | 0062            | 2640           | 27            | 0035            |
| Wood Splitters,                            | 2700           | 92            | 0039            |                |               |                 |
| <b>TOTAL</b>                               | <b>36033</b>   | <b>54</b>     | <b>1240</b>     | <b>79690</b>   | <b>18</b>     | <b>1060</b>     |
| Average yield per cord,                    |                |               | 46 <sup>2</sup> |                |               | 45 <sup>6</sup> |
| Cords Carbonized,                          |                |               | 14997           |                |               | 16476           |
| Lbs. fuel per cord wood,                   |                |               | 643             |                |               | 539             |
| <b>FROM JOBBERS: "Mashek"</b>              | <b>721827</b>  |               |                 | <b>115683</b>  |               |                 |
| Coal,                                      | 65259          | 52            | 0906            | 9019           | 58            | 0780            |
| Freight,                                   | 6279           | 76            | 0087            | 967            | 25            | 0084            |
| Switching,                                 | 231            | 67            | 0003            | 23             | 42            | 0002            |
| General Expense,                           | 3              | 00            | 0000            |                |               |                 |
| Insurance on cars,                         | 62             | 00            | 0001            | 30             | 00            | 0003            |
| Repairs charcoal cars,                     | 1106           | 93            | 0015            | 966            | 95            | 0083            |
| <b>TOTAL</b>                               | <b>73042</b>   | <b>88</b>     | <b>1012</b>     | <b>11012</b>   | <b>20</b>     | <b>0952</b>     |
| <b>FROM JOBBERS: "Algoma"</b>              | <b>174688</b>  |               |                 | <b>191094</b>  |               |                 |
| Coal,                                      | 13919          | 07            | 0797            | 10466          | 30            | 0548            |
| Freight,                                   | 2410           | 87            | 0138            | 2673           | 71            | 0140            |
| Switching,                                 | 45             | 47            | 0003            | 42             | 16            | 0002            |
| Duty,                                      | 2654           | 07            | 0152            | 2510           | 57            | 0131            |
| <b>TOTAL</b>                               | <b>19029</b>   | <b>48</b>     | <b>1090</b>     | <b>15692</b>   | <b>74</b>     | <b>0821</b>     |
| <b>FROM JOBBERS: "Miscellaneous" 12300</b> |                |               |                 | <b>190800</b>  |               |                 |
| Coal,                                      | 799            | 50            | 0650            | 12402          | 00            | 0650            |
| Freight,                                   | 36             | 00            | 0029            | 1671           | 85            | 0083            |
| Switching,                                 | 3              | 85            | 0003            | 53             | 48            | 0003            |
| Insurance on cars,                         |                |               |                 | 32             | 00            | 0002            |
| Repairs charcoal cars,                     |                |               |                 | 1351           | 04            | 0070            |
| <b>TOTAL</b>                               | <b>839</b>     | <b>35</b>     | <b>0682</b>     | <b>15510</b>   | <b>37</b>     | <b>0813</b>     |
| Mileage,                                   |                |               |                 | 53             | 83            | 0000            |
| <b>GRAND TOTAL</b>                         | <b>3570355</b> | <b>346320</b> | <b>14.0970</b>  | <b>3608957</b> | <b>286473</b> | <b>24.0794</b>  |

Made by J.M.  
 Figured by J.M.  
 Copied by J.M.  
 Corrected by J.M.  
 Examined by J.M.

THE CLEVELAND-CLIFFS IRON COMPANY  
 Furnace Department  
 STEELERS 2800 JOHNSTON  
 I. OH. TRAIT

COMPARATIVE STATEMENT OF REFINED ALCOHOL COST SHEETS FOR 1906 AND 1907.  
 .VOGI GHA SOGI

| Plant No. 1                        | GALLONS PRODUCED 1907, 64703½ |                 |                 |                | GALLONS PRODUCED 1906, 186795½ |                 |                 |                |
|------------------------------------|-------------------------------|-----------------|-----------------|----------------|--------------------------------|-----------------|-----------------|----------------|
|                                    | No. Days Operated '07,        |                 | 360             |                | No. Days Operated '06,         |                 | 319             |                |
|                                    | Labor                         | Supplies        | Total           | Cost Per Gal.  | Labor                          | Supplies        | Total           | Cost Per Gal.  |
| <b>GENERAL EXPENSE:</b>            |                               |                 |                 |                |                                |                 |                 |                |
| Consulting Chemist,                |                               |                 |                 |                | 106 82                         | 15 90           | 122 78          | 001            |
| Insurnace,                         |                               | 1575 00         | 1575 00         | 024            |                                | 1575 00         | 1575 00         | 009            |
| T a x e s,                         |                               | 821 04          | 821 04          | 013            |                                | 783 13          | 783 13          | 004            |
| Analysis,                          | 893 65                        | 158 37          | 1052 02         | 016            | 553 08                         | 223 86          | 776 94          | 004            |
| Salaries and Other Expenses,       | 1630 77                       | 1281 34         | 2912 11         | 045            | 1372 88                        | 703 02          | 2075 90         | 011            |
| <b>Total</b>                       | <b>2524 42</b>                | <b>3835 75</b>  | <b>6360 17</b>  | <b>098</b>     | <b>2032 84</b>                 | <b>3300 91</b>  | <b>5333 75</b>  | <b>029</b>     |
| <b>MAINTENANCE:</b>                |                               |                 |                 |                |                                |                 |                 |                |
| Tanks and Stills,                  | 615 54                        | 573 57          | 1189 11         | 019            | 744 93                         | 648 78          | 1393 71         | 008            |
| Condensers,                        | 27 60                         | 128 54          | 156 14          | 002            | 68 00                          | 18 65           | 86 65           | 000            |
| Machinery,                         | 169 84                        | 517 67          | 687 51          | 011            | 245 73                         | 584 59          | 830 32          | 004            |
| Boilers,                           | 93 68                         | 76 09           | 169 77          | 002            | 63 32                          | 29 81           | 93 13           | 001            |
| Fans and Pulleys,                  | 108 53                        | 456 52          | 565 05          | 008            | 86 83                          | 160 09          | 246 92          | 001            |
| Smoke Mains,                       | 168 96                        | 493 62          | 662 58          | 010            | 64 71                          | 69 77           | 134 48          | 001            |
| Buildings,                         | 77 83                         | 30 03           | 107 86          | 002            | 159 28                         | 132 96          | 292 24          | 002            |
| Water Supply,                      | 4 13                          | 26              | 4 38            | 000            |                                | 2 65            | 2 65            | 000            |
| D i t c h,                         | 85 96                         | 57              | 86 53           | 002            | 147 20                         | 1 90            | 149 10          | 001            |
| Cleaning Up,                       | 20 86                         | 14 09           | 34 95           | 001            | 62 21                          | 6 84            | 68 55           | 000            |
| Chute Apparatus,                   | 56 30                         | 24 10           | 80 40           | 001            | 113 27                         | 140 17          | 253 44          | 001            |
| Piping,                            |                               |                 |                 |                | 40 07                          | 396 77          | 436 84          | 002            |
| <b>Total</b>                       | <b>1429 22</b>                | <b>2315 06</b>  | <b>3744 28</b>  | <b>058</b>     | <b>1795 55</b>                 | <b>2192 48</b>  | <b>3988 03</b>  | <b>021</b>     |
| <b>OPERATING:</b>                  |                               |                 |                 |                |                                |                 |                 |                |
| H o s e,                           |                               | 170 00          | 170 00          | 003            |                                |                 | 750 00          | 004            |
| Superintendent,                    | 750 00                        |                 | 750 00          | 012            | 750 00                         |                 |                 | 004            |
| Stillmen,                          | 5094 61                       | 23 83           | 5118 44         | 079            | 5768 76                        | 196 60          | 5965 36         | 032            |
| Engineers,                         | 3266 51                       |                 | 3266 51         | 051            | 2960 56                        |                 | 2960 56         | 016            |
| Firemen,                           | 575 15                        | 99              | 576 14          | 009            | 479 59                         | 3 57            | 482 16          | 003            |
| Machinery,                         |                               | 136 55          | 136 55          | 002            |                                | 131 82          | 131 82          | 001            |
| Boilers,                           | 123 89                        | 58 20           | 182 09          | 003            | 179 67                         | 325 70          | 505 37          | 003            |
| F u e l,                           |                               | 2389 25         | 2389 25         | 035            |                                | 2654 41         | 2654 41         | 014            |
| Electric Light,                    | 31 89                         | 75 08           | 106 97          | 001            | 46 73                          | 91 62           | 138 35          | 001            |
| L i m e,                           |                               | 1537 20         | 1537 20         | 024            |                                | 2986 75         | 2986 75         | 016            |
| Chemicals,                         |                               | 76 90           | 76 90           | 001            |                                | 86 84           | 86 84           | 000            |
| Chute Apparatus,                   | 88                            | 90 64           | 91 52           | 001            |                                |                 |                 | 000            |
| Cleaning Smoke Mains,              |                               |                 |                 |                | 90 02                          |                 | 90 02           | 000            |
| Condensermen,                      | 1342 25                       | 2 50            | 1344 75         | 021            | 526 77                         | 3 02            | 529 79          | 003            |
| <b>Total</b>                       | <b>11185 18</b>               | <b>4461 14</b>  | <b>15646 32</b> | <b>242</b>     | <b>10802 10</b>                | <b>6480 33</b>  | <b>17282 43</b> | <b>093</b>     |
| <b>DEPRECIATION:</b>               |                               |                 |                 |                |                                |                 |                 |                |
| Cost Of Production                 | 15138 82                      | 10611 95        | 25750 77        | 398            | 14630 49                       | 11973 72        | 26604 21        | 143            |
| Inventory,                         |                               | 28 13           | 28 13           | 000            |                                | 33 10           | 33 10           | 000            |
| Improvement,                       |                               | 24818 51        | 24818 51        | 384            |                                | 21701 20        | 21701 20        | 116            |
| <b>Total</b>                       |                               | <b>24846 64</b> | <b>24846 64</b> | <b>384</b>     |                                | <b>21734 30</b> | <b>21734 30</b> | <b>116</b>     |
| <b>Total Cost</b>                  | <b>15138 82</b>               | <b>35458 59</b> | <b>50597 41</b> | <b>782</b>     | <b>14630 49</b>                | <b>33708 02</b> | <b>48338 51</b> | <b>259</b>     |
| <b>LOADING AND SWITCHING:</b>      |                               |                 |                 |                |                                |                 |                 |                |
|                                    | <u>1907</u>                   | <u>1906</u>     | Gal.            |                |                                |                 |                 |                |
| Barrels,                           | 58893                         | 183029          | "               | 2250 90        | 2250 90                        | 6396 60         | 6396 60         | 035            |
| Loading,                           | 58893                         | 183029          | "               | 35 80          | 36 42                          | 96 94           | 33 82           | 130 76         |
| Switching,                         | 58893                         | 183029          | "               | 3 34           | 5 56                           | 9 84            | 5 85            | 15 69          |
| <b>Total</b>                       | <b>39 14</b>                  | <b>2253 74</b>  |                 | <b>2292 88</b> | <b>035</b>                     | <b>106 78</b>   | <b>6436 27</b>  | <b>6543 05</b> |
| <b>Total Cost On Cars</b>          | <b>15177 96</b>               | <b>37712 33</b> | <b>52890 29</b> | <b>817</b>     | <b>14737 27</b>                | <b>40144 29</b> | <b>54881 56</b> | <b>294</b>     |
| Improvement Account Not Sunk Off,  |                               |                 | 108219 72       | 136            |                                |                 | 133174 79       | 400            |
| Yield of Alcohol per Cord of Wood, |                               |                 |                 |                |                                |                 |                 |                |

1907 1906

Smoke Received From 47522 46670 Cds.

**REMARKS:**

General Expense ( Salaries and Other Expenses ) charged 5½ percent of General Office and 12½ percent of Gladstone office.

Made by  
 Entered by  
 Corrected by  
 Examined by

THE CLEVELAND-ROFFS IRON COMPANY  
STEEL'S Furnace Department  
C. OH. TRAIT

THE CLEVELAND-ROFFS IRON COMPANY  
STEEL'S Furnace Department  
C. OH. TRAIT

COMPARATIVE STATEMENT OF REFINED ALCOHOL COST SHEETS FOR 1906 AND 1907.

Plant No. 2

| GALLONS PRODUCED 1907, 29282 1/2 |          |       |               | GALLONS PRODUCED 1906, 104562 1/2 |          |       |               |
|----------------------------------|----------|-------|---------------|-----------------------------------|----------|-------|---------------|
| No. Days Operated '07, 352 1/2   |          |       |               | No. Days Operated '06, 319        |          |       |               |
| Labor                            | Supplies | Total | Cost Per Gal. | Labor                             | Supplies | Total | Cost Per Gal. |

|                                    |                 |                 |                 |              |                |                 |                 |            |
|------------------------------------|-----------------|-----------------|-----------------|--------------|----------------|-----------------|-----------------|------------|
| <b>GENERAL EXPENSE:</b>            |                 |                 |                 |              |                |                 |                 |            |
| Consulting Chemist,                |                 |                 |                 |              | 106 88         | 15 90           | 122 78          | 001        |
| Insurance,                         |                 | 2250 00         | 2250 00         | 077          |                | 2250 00         | 2250 00         | 022        |
| Taxes,                             |                 | 321 04          | 321 04          | 028          |                | 783 13          | 783 13          | 007        |
| Analysis,                          | 892 60          | 158 36          | 1051 96         | 038          | 552 08         | 223 86          | 776 94          | 007        |
| Salaries and Other Expenses,       | 1371 59         | 678 86          | 2050 45         | 070          | 1340 95        | 593 93          | 1934 88         | 019        |
| <b>Total</b>                       | <b>2265 19</b>  | <b>2908 26</b>  | <b>6173 45</b>  | <b>211</b>   | <b>2000 91</b> | <b>3866 82</b>  | <b>5867 73</b>  | <b>056</b> |
| <b>MAINTENANCE:</b>                |                 |                 |                 |              |                |                 |                 |            |
| Tanks and Stills,                  | 304 58          | 462 18          | 766 76          | 026          | 253 37         | 221 14          | 474 51          | 005        |
| Condensers,                        | 2 48            | 81              | 3 29            | 000          | 10 48          | 1 11            | 11 59           | 000        |
| Machinery,                         | 113 08          | 124 66          | 237 74          | 008          | 149 65         | 369 72          | 519 37          | 005        |
| Boilers,                           | 756 00          | 929 86          | 1685 86         | 053          | 300 59         | 241 31          | 541 90          | 005        |
| Buildings,                         | 75 59           | 25 75           | 101 34          | 003          | 13 84          | 6 79            | 20 63           | 000        |
| Water Supply,                      | 1 96            | 19              | 2 15            | 000          | 4 64           | 15              | 4 79            | 000        |
| Ditch,                             | 107 02          | 8 05            | 115 07          | 004          | 167 12         | 6 69            | 173 81          | 002        |
| Cleaning Up,                       | 16 39           | 11 02           | 27 41           | 001          | 18 47          | 8 33            | 26 80           | 000        |
| <b>Total</b>                       | <b>1377 10</b>  | <b>1562 52</b>  | <b>2939 62</b>  | <b>100</b>   | <b>918 16</b>  | <b>855 24</b>   | <b>1773 40</b>  | <b>017</b> |
| <b>OPERATING:</b>                  |                 |                 |                 |              |                |                 |                 |            |
| Superintendent,                    | 750 00          |                 | 750 00          | 028          | 750 00         |                 | 750 00          | 007        |
| Stillmen,                          | 3015 19         | 14 35           | 3029 44         | 104          | 3587 28        | 273 21          | 3860 49         | 037        |
| Firemen,                           | 1847 87         | 64              | 1848 51         | 063          | 1623 82        | 7 19            | 1631 01         | 016        |
| Machinery,                         |                 | 150 86          | 150 86          | 005          | 3 89           | 79 29           | 83 18           | 001        |
| Boilers,                           | 163 41          | 52 54           | 215 95          | 007          | 120 72         | 20 45           | 141 17          | 001        |
| Fuel,                              | 843 95          | 12928 68        | 13772 63        | 471          | 722 23         | 12057 21        | 12779 44        | 122        |
| Electric Light,                    | 50 44           | 56 54           | 106 98          | 003          | 34 06          | 42 94           | 77 00           | 001        |
| Lim e,                             |                 | 2276 40         | 2276 40         | 073          |                | 3438 72         | 3438 72         | 033        |
| Chemicals,                         |                 | 54 00           | 54 00           | 002          |                | 64 77           | 64 77           | 001        |
| H o s e,                           |                 | 170 00          | 170 00          | 006          |                | 238 08          | 238 08          | 002        |
| <b>Total</b>                       | <b>6670 86</b>  | <b>15703 91</b> | <b>22374 77</b> | <b>765</b>   | <b>6842 00</b> | <b>16221 36</b> | <b>23063 86</b> | <b>221</b> |
| <b>Cost of Production</b>          | <b>10313 15</b> | <b>21174 69</b> | <b>31487 84</b> | <b>1 076</b> | <b>9761 07</b> | <b>20943 92</b> | <b>30704 99</b> | <b>294</b> |
| <b>DEPRECIATION:</b>               |                 |                 |                 |              |                |                 |                 |            |
| Improvement,                       |                 | 7184 43         | 7184 43         | 245          |                | 7067 53         | 7067 53         | 068        |
| Inventory,                         |                 | 28 13           | 28 13           | 001          |                | 33 09           | 33 09           | 000        |
| <b>Total</b>                       |                 | <b>7212 56</b>  | <b>7212 56</b>  | <b>246</b>   |                | <b>7100 62</b>  | <b>7100 62</b>  | <b>068</b> |
| <b>Total Cost</b>                  | <b>10313 15</b> | <b>28387 25</b> | <b>38700 40</b> | <b>1 322</b> | <b>9761 07</b> | <b>28044 54</b> | <b>37805 61</b> | <b>362</b> |
| <b>LOADING &amp; SWITCHING:</b>    |                 |                 |                 |              |                |                 |                 |            |
| Barrels, 1907                      | 29471 1/2       | 102479 Gal.     | 1007 00         | 031          |                | 3363 45         | 3363 45         | 033        |
| Loading, 29471 1/2                 |                 | "               | 10 79           | 000          | 26 83          | 6 24            | 33 07           | 000        |
| Switching, 29471 1/2               |                 | "               | 1 86            | 000          | 5 35           | 3 54            | 9 30            | 000        |
| <b>Total</b>                       | <b>12 65</b>    | <b>1008 32</b>  | <b>1020 97</b>  | <b>035</b>   | <b>32 68</b>   | <b>3373 23</b>  | <b>3405 91</b>  | <b>032</b> |
| <b>Total Cost on Cars</b>          | <b>10325 80</b> | <b>29395 57</b> | <b>39721 37</b> | <b>1 357</b> | <b>9793 75</b> | <b>31417 77</b> | <b>41211 52</b> | <b>394</b> |
| Improvement Account Not Sunk Off,  |                 |                 | 27322 88        |              |                |                 | 36823 36        |            |
| Yield of Alcohol per Cord of Wood, |                 |                 |                 | 1.95         |                |                 |                 | 7.32       |

1907 1906

Smoke received from 14297 14288 Cds.

Checked by  
Copied by  
Corrected by  
Examined by

REMARKS:

General Expense ( Salaries and Other Expenses ) charged 5 1/2 percent of General Office and 12 1/2 percent of Gladstone office.



THE CLEVELAND-GLADSTONE IRON COMPANY  
Furnace Department

THE CLEVELAND-GLADSTONE IRON COMPANY  
Furnace Department  
1907 AND 1906

COMPARATIVE STATEMENT OF ACETATE COST SHEETS FOR 1906 AND 1907.

| PLANT NO. 1                       | POUNDS PRODUCED 1907, 3534345 ✓<br>Average Per Day '07, 9956 ✓<br>No. Days Operated 07, 355 ✓ |                 |                 |                | POUNDS PRODUCED 1906, 1981408<br>Average Per Day '06, 6740<br>No. Days Operated 06, 294 |                 |                 |               |
|-----------------------------------|---|-----------------|-----------------|----------------|---|-----------------|-----------------|---------------|
|                                   | Labor   | Supplies        | Total           | Cost Per Cwt.  | Labor   | Supplies        | Total           | Cost Per Cwt. |
| <b>GENERAL EXPENSES:</b>          |   |                 |                 |                |   |                 |                 |               |
| Consulting Chemist                |   | 2 04            | 2 04            | .001           | 106 88  | 15 90           | 122 78          | 006           |
| Insurance,                        | 234 55  | 26 40           | 260 95          | .007           | 96 87   | 4 49            | 4 49            | 000           |
| Analysis,                         |   |                 |                 |                |   | 40 86           | 137 78          | 007           |
| Salaries & Other Expenses,        | 839 33  | 348 72          | 1188 05         | .033           | 524 99  | 237 55          | 762 54          | 039           |
| <b>Total</b>                      | <b>1073 88</b>  | <b>377 16</b>   | <b>1451 04</b>  | <b>.041</b> ✓  | <b>728 74</b>   | <b>298 80</b>   | <b>1027 54</b>  | <b>052</b>    |
| <b>MAINTENANCE:</b>               |   |                 |                 |                |   |                 |                 |               |
| Buildings,                        | 74 54   | 4 56            | 79 10           | .002           | 64 31   | 11 46           | 75 67           | 004           |
| T a n k s,                        | 3 41  | 2 65            | 6 06            | .000           | 16 81   | 2 92            | 19 73           | 001           |
| Conveyer,                         | 18 60   | 17 36           | 35 96           | .001           | 26 44   | 1 69            | 28 13           | 001           |
| Dry Floor,                        | 60 70   | 11 61           | 72 31           | .002           | 5 23  | 9 38            | 14 66           | 000           |
| Piping,                           | 21 79   | 69 13           | 90 92           | .003           | 7 31  | 16 72           | 24 03           | 001           |
| Boilers,                          | 105 80  | 149 34          | 255 64          | .008           | 33 66   | 40 72           | 74 38           | 004           |
| Cleaning Up,                      | 4 00  | 2 76            | 6 76            | .000           | 3 20  |                 | 3 20            | 000           |
| Machinery,                        | 2 67  | 2 19            | 4 86            | .000           | 23 70   | 8 67            | 32 37           | 002           |
| P a n s,                          | 58 94   | 10 33           | 69 27           | .002           | 200 75  | 31 64           | 232 39          | 012           |
| <b>Total</b>                      | <b>350 45</b>   | <b>270 43</b>   | <b>620 88</b>   | <b>.018</b> ✓  | <b>331 36</b>   | <b>123 20</b>   | <b>504 56</b>   | <b>025</b>    |
| <b>OPERATING:</b>                 |   |                 |                 |                |   |                 |                 |               |
| Raking,                           |   | 2 75            | 51 96           | .001           | 319 37  | 10 56           | 329 93          | 042           |
| Skimming,                         | 49 21   | 5 20            | 5 20            | .000           | 1775 08   | 28 18           | 1803 26         | 091           |
| Machinery,                        |   | 82              | 1139 92         | .032           |   | 9 66            | 9 66            | 000           |
| Firemen,                          | 1139 04   |                 | 4624 27         | .131           | 715 21  |                 | 715 21          | 036           |
| Contractor,                       | 4610 40   | 13 67           | 21026 86        | .595           | 984 49  | 10209 72        | 11194 21        | 565           |
| F u e l,                          | 1158 69   | 14 75           | 28 02           | .001           | 19 27   | 11 23           | 30 50           | 001           |
| Electric Light,                   | 13 27   | 111 70          | 257 15          | .007           | 115 07  | 16 46           | 131 53          | 007           |
| Boilers,                          |   | 3231 60         | 3231 60         | .092           |   | 1039 20         | 1039 20         | 053           |
| L i m e,                          |   |                 |                 |                |   |                 |                 |               |
| <b>Total</b>                      | <b>7116 06</b>  | <b>23248 92</b> | <b>30364 98</b> | <b>.859</b> ✓  | <b>4428 49</b>  | <b>11325 01</b> | <b>15753 50</b> | <b>795</b>    |
| <b>Cost of Production</b>         | <b>8540 39</b>  | <b>23896 51</b> | <b>32436 90</b> | <b>.918</b> ✓  | <b>5533 59</b>  | <b>11747 01</b> | <b>17235 60</b> | <b>872</b>    |
| <b>DEPRECIATION:</b>              |   |                 |                 |                |   |                 |                 |               |
| Improvement Account,              |   | 4161 24         | 4161 24         | .118           |   | 3361 67         | 3361 67         | 170           |
| <b>Total Cost</b>                 | <b>8540 39</b>  | <b>28057 75</b> | <b>36598 14</b> | <b>1.036</b> ✓ | <b>5533 59</b>  | <b>15108 68</b> | <b>20647 27</b> | <b>1.042</b>  |
| <b>LOADING &amp; SWITCHING:</b>   |   |                 |                 |                |   |                 |                 |               |
| Sacks,                            |   | 3006 94         | 3006 94         | .085           |   | 1141 46         | 1141 46         | 058           |
| Loading,                          | 215 00  |                 | 215 00          | .007           | 131 45  |                 | 131 45          | 007           |
| Switching,                        | 17 86   | 10 61           | 28 47           | .001           | 8 42  | 4 86            | 13 28           | 001           |
| Storing,                          | 159 98  |                 | 159 98          | .005           | 94 30   |                 | 94 30           | 016           |
| <b>Total</b>                      | <b>392 84</b>   | <b>3017 55</b>  | <b>3410 39</b>  | <b>.096</b> ✓  | <b>234 17</b>   | <b>1146 32</b>  | <b>1380 49</b>  | <b>070</b>    |
| <b>Total Cost On Cars</b>         | <b>8933 23</b>  | <b>31075 30</b> | <b>40008 53</b> | <b>1.132</b> ✓ | <b>5772 76</b>  | <b>16255 00</b> | <b>22027 76</b> | <b>1.112</b>  |
| Improvement Account Not Sunk Off, |   |                 | 16187 26        | .744           |   |                 | 19256 34        | 425           |
| Yield per Cord of Wood,           |   |                 |                 |                |   |                 |                 |               |

Smoke Received From 47522 46970 Cda.

**REMARKS:**

*CRB* General Expense ( Salaries and Other Expenses ) Charged 2 1/2 per cent of General Office and

5-percent of Gladstone office.

Made by \_\_\_\_\_  
 Entered by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by *MSD*  
 Examined by *Cole*

THE CLEVELAND-CLIFFS IRON COMPANY  
Financial Department

**THE CLEVELAND-CLIFFS IRON COMPANY**  
Financial Department

COMPARATIVE STATEMENT OF ACETATE COST SHEETS FOR 1906 AND 1907.

|   | POUNDS PRODUCED 1907, 2007615 |                 |                 |               | POUNDS PRODUCED 1906, 17575 37 |                |                 |               |     |
|---|-------------------------------|-----------------|-----------------|---------------|--------------------------------|----------------|-----------------|---------------|-----|
|   | Average per day 07,           |                 | 5703            |               | Average per day 06,            |                | 5616            |               |     |
|   | No. Days Operated 07,         |                 | 352             |               | No. Days Operated 06,          |                | 313             |               |     |
| Plant No. 2   | Labor                         | Supplies        | Total           | Cost Per Cwt. | Labor                          | Supplies       | Total           | Cost Per Cwt. |     |
| <b>GENERAL EXPENSE:</b>                                   |                               |                 |                 |               |                                |                |                 |               |     |
| Consulting Chemist, Analysis, Salaries & Other Expenses,  | 234 52                        | 26 42           | 260 94          | 013           | 106 87                         | 15 87          | 122 74          | 007           |     |
|   | 640 72                        | 264 37          | 905 09          | 045           | 96 80                          | 40 83          | 137 63          | 008           |     |
| <b>Total</b>  | <b>875 24</b>                 | <b>290 79</b>   | <b>1166 03</b>  | <b>058</b>    | <b>728 66</b>                  | <b>294 24</b>  | <b>1022 90</b>  | <b>058</b>    |     |
| <b>MAINTENANCE:</b>                                       |                               |                 |                 |               |                                |                |                 |               |     |
| Buildings,  |                               | 18              | 18              | 000           | 2 14                           | 79 54          | 81 68           | 005           |     |
| T a n k s,  |                               | 1 85            | 1 85            | 000           | 27 67                          | 4 54           | 32 21           | 002           |     |
| Dry Floor,  | 62 76                         | 359 75          | 422 51          | 021           | 18 37                          | 33 13          | 51 50           | 003           |     |
| Piping,   | 18 53                         | 3 40            | 21 93           | 001           | 6 73                           | 27 17          | 33 90           | 002           |     |
| Boilers,  | 375 72                        | 460 45          | 836 17          | 042           | 73 56                          | 99 24          | 172 80          | 010           |     |
| P a n s,  | 11 50                         | 1 92            | 13 42           | 001           | 193 14                         | 327 03         | 520 17          | 030           |     |
| Cleaning Up,  |                               | 2 77            | 2 77            | 000           | 5 82                           |                | 5 82            | 000           |     |
| <b>Total</b>  | <b>468 51</b>                 | <b>830 32</b>   | <b>1298 83</b>  | <b>065</b>    | <b>327 43</b>                  | <b>580 65</b>  | <b>908 08</b>   | <b>052</b>    |     |
| <b>OPERATING:</b>   |                               |                 |                 |               |                                |                |                 |               |     |
| Raking,   |                               |                 |                 |               | 775 30                         | 40             | 775 70          | 044           |     |
| Skimming,   | 17 31                         |                 | 17 31           | 001           | 1127 55                        | 3 49           | 1131 04         | 065           |     |
| Firemen,  | 921 40                        | 09              | 921 49          | 046           | 695 94                         | 42             | 696 36          | 040           |     |
| F u e l,  | 424 81                        | 8943 16         | 9367 97         | 466           | 336 00                         | 5888 54        | 6224 54         | 354           |     |
| Electric Light,   | 9 70                          | 7 20            | 16 90           | 001           | 11 51                          | 4 46           | 15 97           | 001           |     |
| Boilers,  | 80 29                         | 25 92           | 106 21          | 005           | 39 68                          | 2 49           | 42 17           | 002           |     |
| Contractor,   | 2391 25                       | 4 10            | 2395 35         | 119           |                                |                |                 |               |     |
| <b>Total</b>  | <b>3844 76</b>                | <b>8980 47</b>  | <b>12825 23</b> | <b>638</b>    | <b>2985 98</b>                 | <b>5899 80</b> | <b>8885 78</b>  | <b>506</b>    |     |
| <b>Cost of Production</b>                                 |                               |                 |                 |               |                                |                |                 |               |     |
|   | 5183 51                       | 10101 58        | 15290 09        | 761           | 4042 07                        | 6774 69        | 10816 76        | 616           |     |
| <b>DEPRECIATION Improvement,</b>                          |                               |                 |                 |               |                                |                |                 |               |     |
|   |                               | 1238 41         | 1238 41         | 062           |                                | 1252 69        | 1252 69         | 071           |     |
| <b>Total Cost</b>   | <b>5183 51</b>                | <b>11339 99</b> | <b>16528 50</b> | <b>823</b>    | <b>4042 07</b>                 | <b>8027 38</b> | <b>12069 45</b> | <b>687</b>    |     |
| <b>LOADING &amp; SWITCHING:</b>                           |                               |                 |                 |               |                                |                |                 |               |     |
|   | 1907                          | 1906            |                 |               |                                |                |                 |               |     |
| Sacks,  | 2007615                       | 1757533         | Lbs.            | 1793 29       | 1793 29                        | 089            | 1051 23         | 1051 23       | 060 |
| Loading,  | 1932162                       | 1718277         | "               | 138 93        | 138 93                         | 007            | 115 48          | 115 48        | 007 |
| Switching,  | 1932162                       | 1718277         | "               | 11 19         | 18 20                          | 001            | 8 95            | 14 35         | 001 |
| Storing,  |                               | 243881          | "               | 3 60          | 3 60                           | 001            | 30 40           | 30 40         | 013 |
| <b>Total</b>  | <b>153 72</b>                 | <b>1800 30</b>  | <b>1954 02</b>  | <b>098</b>    | <b>154 83</b>                  | <b>1056 63</b> | <b>1211 46</b>  | <b>069</b>    |     |
| <b>Total Cost on Cars</b>                                 |                               |                 |                 |               |                                |                |                 |               |     |
|   | 5343 23                       | 13140 29        | 18482 52        | 921           | 4196 90                        | 9084 01        | 13280 91        | 756           |     |
| Improvement Account Not Sunk Off, Yield per Cord of Wood, |                               |                 | 4903 35         | 134           |                                |                | 6141 76         | 123           |     |

**REMARKS:**

General Expense ( Salaries and Other Expenses ) charged 2 1/2 percent of General Office and 5 percent

of Gladstone office.

Made by \_\_\_\_\_  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by \_\_\_\_\_  
 Examined by \_\_\_\_\_

# THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE NO. 1.

Cost of Loading and Hauling Parsons Wood, Year, 1907

Loaded and Hauled this Month ..... Cords.  
Loaded and Hauled 12 Months 3632-3/4 Cords.

|                                     | Labor   | Supplies | Total | Total     |                                |
|-------------------------------------|---------|----------|-------|-----------|--------------------------------|
|                                     |         |          |       | 12 Months | Cost per Cord<br>1 Mo. 12 Mos. |
| <b>Teaming—</b>                     |         |          |       |           |                                |
| Teamsters                           | 875 33  | 6 34     |       | 881 67    | 243                            |
| Swampers                            | 303 90  |          |       | 303 90    | 084                            |
| Car Loaders                         | 328 56  |          |       | 328 56    | 090                            |
| Foreman                             | 60 00   |          |       | 60 00     | 017                            |
| TOTAL,                              | 1567 79 | 6 34     |       | 1574 13 ✓ | 434 ✓                          |
| <b>Roads—</b>                       |         |          |       |           |                                |
| Making and Maintaining              | 577 35  |          |       | 577 35    | 159                            |
| TOTAL,                              | 577 35  |          |       | 577 35 ✓  | 159 ✓                          |
| <b>Barn—</b>                        |         |          |       |           |                                |
| Hay                                 |         | 168 00   |       | 168 00    | 046                            |
| Oats                                |         | 227 59   |       | 227 59    | 063                            |
| Feed and Bran                       |         | 4 38     |       | 4 38      | 001                            |
| Shoeing and Shoes                   | 66 50   | 1 40     |       | 67 90     | 019                            |
| Oil and Grease                      |         |          |       |           |                                |
| Horse Medicine                      |         | 9 77     |       | 9 77      | 002                            |
| Barn Boss                           | 50 00   |          |       | 50 00     | 014                            |
| TOTAL,                              | 116 50  | 411 14   |       | 527 64 ✓  | 145 ✓                          |
| <b>Repairs—</b>                     |         |          |       |           |                                |
| Well                                | 2 52    | 5 40     |       | 7 92      | 002                            |
| Wagons and Drays                    |         | 5 83     |       | 5 83      | 002                            |
| Sleighs                             |         | 1 60     |       | 1 60      | 000                            |
| Harness                             |         |          |       |           |                                |
| Buildings                           |         |          |       |           |                                |
| TOTAL,                              | 2 52    | 12 83    |       | 15 35 ✓   | 004 ✓                          |
| COST TO LOAD,                       |         |          |       |           |                                |
|                                     | 2264 16 | 430 31   |       | 2694 47 ✓ | 742 ✓                          |
| <b>Miscellaneous—Gen. Expense</b>   |         |          |       |           |                                |
| Depreciation                        |         | 25 46    |       | 25 46     | 007                            |
| Taxes 1906                          |         | 232 50   |       | 232 50    | 064                            |
| Rep. Spurs                          |         | 1033 46  |       | 1033 46   | 285                            |
| Spurs & Barns "Dep."                |         | 46 64    |       | 46 64     | 012                            |
|                                     |         | 849 03   |       | 849 03    | 234                            |
| TOTAL,                              |         | 2187 09  |       | 2187 09 ✓ | 602 ✓                          |
| Total Cost on Cars 1 Month          |         |          |       |           |                                |
| Total Cost on Cars <u>12</u> Months | 2264 16 | 2617 40  |       | 4881 56 ✓ | 1 344 ✓                        |

Remarks:

Made by J.M.D.  
 Figured by J.M.D.  
 Copied by W.H.  
 Corrected by W.H.  
 Examined by W.H.



# THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE NO. 1.

Cost of Loading and Hauling Mathews Wood, Year, 1907

Loaded and Hauled this Month \_\_\_\_\_ Cords.  
Loaded and Hauled 12 Months 30746 1/2 Cords.

|                                  | Labor    | Supplies  | Total | Total      |           | Cost per Cord |         |
|----------------------------------|----------|-----------|-------|------------|-----------|---------------|---------|
|                                  |          |           |       | 12 Months  | 12 Months | 1 Mo.         | 12 Mos. |
| <b>Teaming—</b>                  |          |           |       |            |           |               |         |
| Teamsters                        | 8436 87  | 51 06     |       | 8487 93    |           |               | 276     |
| Swampers                         | 9640 78  | 49 05     |       | 9689 83    |           |               | 315     |
| Car Loaders                      | 2131 73  | 40 43     |       | 2172 16    |           |               | 071     |
| Foreman                          | 800 00   |           |       | 800 00     |           |               | 026     |
| TOTAL,                           | 21009 38 | 140 54    |       | 21149 92 ✓ |           |               | 688 ✓   |
| <b>Roads—</b>                    |          |           |       |            |           |               |         |
| Making and Maintaining           | 550 94   | 23 82     |       | 574 76     |           |               | 018     |
| TOTAL,                           | 550 94   | 23 82     |       | 574 76 ✓   |           |               | 018 ✓   |
| <b>Barn—</b>                     |          |           |       |            |           |               |         |
| Hay                              | 15 20    | 2406 01   |       | 2421 21 ✓  |           |               | 079     |
| Oats                             |          | 3974 11   |       | 3974 11 ✓  |           |               | 129     |
| Feed and Bran                    |          | 14 90     |       | 14 90 ✓    |           |               | 000     |
| Shoeing and Shoes                | 697 00   | 103 64    |       | 800 64 ✓   |           |               | 026     |
| Oil and Grease                   |          | 17 76     |       | 17 76      |           |               | 001     |
| Horse Medicine                   |          | 86 84     |       | 86 84      |           |               | 003     |
| Barn Boss                        | 672 20   |           |       | 672 20 ✓   |           |               | 022     |
| TOTAL,                           | 1384 40  | 6603 26   |       | 7987 66 ✓  |           |               | 260 ✓   |
| <b>Repairs—</b>                  |          |           |       |            |           |               |         |
| Wagons and Drays                 |          | 55 35     |       | 55 35      |           |               | 002 ✓   |
| Sleighs                          | 30 00    | 83 99     |       | 113 99     |           |               | 004 ✓   |
| Harness                          |          | 88 89     |       | 88 89      |           |               | 003 ✓   |
| Buildings                        |          | 97 74     |       | 97 74      |           |               | 003 ✓   |
| TOTAL,                           | 30 00    | 325 97    |       | 355 97 ✓   |           |               | 012 ✓   |
| COST TO LOAD,                    | 22274 72 | 7093 59   |       | 30068 31 ✓ |           |               | 978 ✓   |
| <b>Miscellaneous</b> Rep. Spurs  | 430 47   | 252 45    |       | 682 92     |           |               | 022     |
| Depreciation                     |          | # 2731 15 |       | 2731 15    |           |               | 089     |
| Moving Equipment                 |          |           |       |            |           |               |         |
| <b>Spurs &amp; Barns.</b> "Dep." |          | 2767 20   |       | 2767 20    |           |               | 090     |
| TOTAL,                           | 430 47   | 5750 80   |       | 6181 27    |           |               | 201 ✓   |
| Total Cost on Cars 1 Month       |          |           |       |            |           |               |         |
| Total Cost on Cars 12 Months     | 23405 19 | 12844 39  |       | 36249 58 ✓ |           |               | 1 179 ✓ |

Remarks: # Death of 5 horses \$481.15

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# THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE NO. 1.

Cost of Loading and Hauling Limestone Wood, Year, 1907

Loaded and Hauled this Month ..... Cords.

Loaded and Hauled 12 Months 13912 1/2 Cords.

|                                     | Labor    | Supplies | Total | Total     |       | Cost per Cord |       |
|-------------------------------------|----------|----------|-------|-----------|-------|---------------|-------|
|                                     |          |          |       | 12 Months | 1 Mo. | 12 Mos.       |       |
| <b>Teaming—</b>                     |          |          |       |           |       |               |       |
| Teamsters                           | 3874 03  | 4 11     |       | 3878 14   |       |               | 279   |
| Swampers                            | 4755 65  | 56 31    |       | 4811 96   |       |               | 346   |
| Car Loaders                         | 1476 10  | 17 25    |       | 1493 35   |       |               | 107   |
| Foreman                             | 675 00   | 132 00   |       | 807 00    |       |               | 058   |
| TOTAL,                              | 10780 78 | 209 67   |       | 10990 45  |       |               | 790   |
| <b>Roads—</b>                       |          |          |       |           |       |               |       |
| Making and Maintaining              | 1772 67  | 17 25    |       | 1789 92   |       |               | 129   |
| TOTAL,                              | 1772 67  | 17 25    |       | 1789 92   |       |               | 129   |
| <b>Barn—</b>                        |          |          |       |           |       |               |       |
| Hay                                 |          | 935 50   |       | 935 50    |       |               | 067   |
| Oats                                | 7 60     | 1553 09  |       | 1560 69   |       |               | 112   |
| Feed and Bran                       |          | 90       |       | 90        |       |               | 000   |
| Shoeing and Shoes                   | 302 06   | 85 51    |       | 387 57    |       |               | 028   |
| Oil and Grease                      |          | 13 71    |       | 13 71     |       |               | 001   |
| Horse Medicine                      |          | 95       |       | 95        |       |               | 000   |
| Barn Boss                           | 311 05   |          |       | 311 05    |       |               | 022   |
| TOTAL,                              | 620 71   | 2589 66  |       | 3210 37   |       |               | 230   |
| <b>Repairs—</b>                     |          |          |       |           |       |               |       |
| Wagons and Drays                    |          | 9 75     |       | 9 75      |       |               | 000   |
| Sleighs                             | 30 00    | 66 70    |       | 96 70     |       |               | 008   |
| Harness                             |          | 156 59   |       | 156 59    |       |               | 011   |
| Buildings                           | 13 30    | 53 30    |       | 66 60     |       |               | 005   |
| TOTAL,                              | 43 30    | 286 34   |       | 329 64    |       |               | 024   |
| COST TO LOAD,                       | 13217 46 | 3102 92  |       | 16320 38  |       |               | 1 173 |
| <b>Miscellaneous—Rep. Spurs</b>     |          |          |       |           |       |               |       |
| Depreciation                        |          | 1096 25  |       | 1096 25   |       |               | 079   |
| Moving Equipment                    | 67 85    | 112 30   |       | 180 15    |       |               | 012   |
| Spurs & Barns "Dep"                 |          | 1391 25  |       | 1391 25   |       |               | 100   |
| TOTAL,                              | 157 43   | 2604 60  |       | 2762 03   |       |               | 198   |
| Total Cost on Cars 1 Month          |          |          |       |           |       |               |       |
| Total Cost on Cars <u>12</u> Months |          |          |       |           |       |               |       |
|                                     | 13374 89 | 5707 52  |       | 19082 41  |       |               | 1 371 |

**Remarks:**

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# THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE NO. 1.

Cost of Loading and Hauling Alger Wood, Year, 1907

Loaded and Hauled this Month ..... Cords.  
Loaded and Hauled 12 Months 18371 1/2 Cords.

|                                     | Labor    | Supplies | Total | 12 Total Months | Cost per Cord |         |
|-------------------------------------|----------|----------|-------|-----------------|---------------|---------|
|                                     |          |          |       |                 | 1 Mo.         | 12 Mos. |
| <b>Teaming—</b>                     |          |          |       |                 |               |         |
| Teamsters                           | 4742 23  | 51 53    |       | 4793 76         |               | 261     |
| Swampers                            | 3648 00  | 122 38   |       | 3770 38         |               | 205     |
| Car Loaders                         | 1933 71  | 1 00     |       | 1934 71         |               | 105     |
| Foreman                             | 725 00   |          |       | 725 00          |               | 040     |
| TOTAL,                              | 11048 94 | 174 91   |       | 11223 85        |               | 611     |
| <b>Roads—</b>                       |          |          |       |                 |               |         |
| Making and Maintaining              | 3240 23  | 4 36     |       | 3244 59         |               | 177     |
| TOTAL,                              | 3240 23  | 4 36     |       | 3244 59         |               | 177     |
| <b>Barn—</b>                        |          |          |       |                 |               |         |
| Hay                                 | 25 30    | 1200 90  |       | 1226 20         |               | 067     |
| Oats                                | 23 60    | 2050 39  |       | 2073 99         |               | 113     |
| Feed and Bran                       |          | 25 15    |       | 25 15           |               | 001     |
| Shoeing and Shoes                   | 444 95   | 53 42    |       | 498 37          |               | 027     |
| Oil and Grease                      |          |          |       |                 |               |         |
| Horse Medicine                      |          | 1 98     |       | 1 98            |               | 000     |
| Barn Boss                           | 507 22   |          |       | 507 22          |               | 028     |
| TOTAL,                              | 1001 07  | 3331 84  |       | 4332 91         |               | 236     |
| <b>Repairs—</b>                     |          |          |       |                 |               |         |
| Wagons and Drays                    |          | 53 06    |       | 53 06           |               | 003     |
| Sleighs                             | 30 00    | 84 69    |       | 114 69          |               | 006     |
| Harness                             |          | 124 96   |       | 124 96          |               | 007     |
| Buildings                           | 16 25    | 58 27    |       | 74 52           |               | 004     |
| TOTAL,                              | 46 25    | 320 98   |       | 367 23          |               | 020     |
| COST TO LOAD,                       | 15336 49 | 3832 09  |       | 19168 58        |               | 1 044   |
| <b>Miscellaneous Rep. Spurs</b>     |          |          |       |                 |               |         |
| Depreciation                        |          | 1302 50  |       | 1302 50         |               | 071     |
| Moving Equipment                    | 67 85    | 58 10    |       | 125 95          |               | 007     |
| Well                                | 65 52    |          |       | 65 52           |               | 003     |
| TOTAL,                              | 839 03   | 1410 46  |       | 2249 49         |               | 122     |
| Total Cost on Cars 1 Month          |          |          |       |                 |               |         |
| Total Cost on Cars <u>12</u> Months |          |          |       |                 |               |         |
|                                     | 16175 52 | 5242 55  |       | 21418 07        |               | 1 166   |

**Remarks:**

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THE CLEVELAND-CLIFFS IRON COMPANY  
Furnace Department

REVISED 1907  
WOOD COST SHEET

COMPARATIVE WOOD COST SHEET FOR

WOOD COST SHEET

1906 AND 1907.

| CORDS PRODUCED 1907<br>CORDS PRODUCED 1906      | ALGER              |               |                |              | MATHEWS                  |                 |                |              | LIMESTONE               |                 |                |              | PARSONS                 |                   |                  |                |
|---|--------------------|---------------|----------------|--------------|--------------------------|-----------------|----------------|--------------|-------------------------|-----------------|----------------|--------------|-------------------------|-------------------|------------------|----------------|
|   | 29600 1/2 ✓<br>602 |               |                |              | 32057 1/2 ✓<br>21085     |                 |                |              | 15392 1/2 ✓<br>4850 1/2 |                 |                |              | 1831 1/2 ✓              |                   |                  |                |
|   | Amount             |               | Cost per Cord  |              | Amount                   |                 | Cost per Cord  |              | Amount                  |                 | Cost per Cord  |              | Amount                  |                   | Cost per Cord    |                |
|   | 1907               | 1906          | 1907           | 1906         | 1907                     | 1906            | 1907           | 1906         | 1907                    | 1906            | 1907           | 1906         | 1907                    | 1906              | 1907             | 1906           |
| Shopping,                                       | 34560 32           | 602 00        | 1 166          | 1 000        | 36921 56                 | 21084 42        | 1 152          | 1 000        | 13229 49                | 4850 43         | 1 147          | 1 000        |                         |                   | 1831 61          | 1 000          |
| Stumpage,                                       | 3256 08            | 68 22         | 1 110          | 1 110        | 3526 29                  | 2319 80         | 1 110          | 1 110        | 1748 15                 | 523 56          | 1 110          | 1 110        |                         |                   |                  |                |
| Foreman and Measuring,                          | 792 83             |               | 027            |              | 1238 73                  | 523 26          | 088            | 024          | 167 31                  | 70 00           | 011            | 014          |                         |                   | 95 00            | 052            |
| Traveling Expense,                              | 221 94             | 47 83         | 008            | 079          | 247 52                   | 212 55          | 008            | 010          | 221 37                  | 130 41          | 014            | 037          |                         |                   | 185 21           | 101            |
| Exchange,                                       | 28 45              |               | 001            |              | 45 15                    | 31 90           | 001            | 002          | 19 60                   | 6 40            | 001            | 001          |                         |                   | 14 20            | 008            |
| General Expense,                                | 1031 66            | 95 91         | 035            | 150          | 928 30                   | 218 14          | 029            | 010          | 965 99                  | 84 70           | 061            | 017          |                         |                   | 118 00           | 064            |
| Fire Protection,                                |                    |               |                |              |                          | 32 26           |                |              |                         | 2 25            |                | 000          |                         |                   | 40 76            | 022            |
| Superintendent,                                 | 723 65             | 50 83         | 025            | 085          | 742 07                   | 1399 56         | 023            | 066          | 314 28                  | 392 04          | 020            | 032          |                         |                   | 240 32           | 131            |
| Taxes,  | 765 36             |               | 026            |              | 2686 28                  | 2342 60         | 084            | 135          | 406 40                  | 454 73          | 025            | 094          |                         |                   | 323 24           | 177            |
| Spurs and Barns,                                | 2960 09            |               | 100            |              |                          | 531 00          |                | 025          | 388 21                  | 91 17           | 024            | 019          |                         |                   | 183 11           | 100            |
| <b>Total Cost At Stump</b>                      | <b>44340 38 ✓</b>  | <b>862 79</b> | <b>1 493 ✓</b> | <b>1 433</b> | <b>46335 90 ✓</b>        | <b>29194 49</b> | <b>1 445 ✓</b> | <b>1 384</b> | <b>22460 80 ✓</b>       | <b>6666 29</b>  | <b>1 413 ✓</b> | <b>1 374</b> |                         |                   | <b>3031 45 ✓</b> | <b>1 055 ✓</b> |
| Inv. Cost per Cord Nov. 30                      |                    |               | 1 433          | 1 433 ✓      |                          |                 | 1 326 ✓        | 1 256        |                         |                 | 1 342 ✓        | 1 173        |                         |                   | 1 153            | 1 026 ✓        |
| Cost per Cord 12 months,                        |                    |               | 1 433          | 1 433 ✓      |                          |                 | 1 384 ✓        | 1 287        |                         |                 | 1 374 ✓        | 1 238        |                         |                   | 1 473            | 1 175 ✓        |
| CORDS SHIPPED 1907<br>CORDS SHIPPED 1906        | 13371 1/2 ✓        |               |                |              | 30746 1/2 ✓<br>35499 1/2 |                 |                |              | 13912 1/2 ✓<br>9262 1/2 |                 |                |              | 3632 1/2 ✓<br>33110 1/2 |                   |                  |                |
|   | Amount             |               | Cost per Cord  |              | Amount                   |                 | Cost per Cord  |              | Amount                  |                 | Cost per Cord  |              | Amount                  |                   | Cost per Cord    |                |
|   | 1907               | 1906          | 1907           | 1906         | 1907                     | 1906            | 1907           | 1906         | 1907                    | 1906            | 1907           | 1906         | 1907                    | 1906              | 1907             | 1906           |
| Cost of Wood at Stump,                          | 27852 26           |               | 1 516          |              | 40606 27                 | 44592 95        | 1 322          | 1 256        | 19062 06                | 10806 56        | 1 370          | 1 173        | 4188 57                 | 33971 98          | 1 153            | 1 026          |
| Hauling and Loading,                            | 21418 07           |               | 1 106          |              | 36249 58                 | 32137 66        | 1 179          | 905          | 19032 41                | 9221 46         | 1 371          | 995          | 4881 56                 | 32450 66          | 1 344            | 980            |
| Freight,  | 6552 00            |               | 357            |              | 8526 00                  | 9304 00         | 277            | 262          | 4896 00                 |                 | 352            |              | 1485 00                 | 13148 00          | 409              | 297            |
| Switching in Furnace Yard,                      | 557 61             |               | 034            |              | 920 04                   | 923 27          | 033            | 029          | 388 52                  |                 | 034            |              | 97 80                   | 909 86            | 027              | 028            |
| Piling in Furnace Yard,                         | 661 09             |               | 321            |              | 829 78                   | 129 09          | 304            | 164          | 780 11                  |                 | 332            |              | 17 79                   | 141 75            | 142              | 167            |
| <b>Total Cost At Furnace</b>                    | <b>57041 03 ✓</b>  |               | <b>3 105 ✓</b> |              | <b>87131 77 ✓</b>        | <b>87156 97</b> | <b>2 834 ✓</b> | <b>2 456</b> | <b>44209 10 ✓</b>       | <b>20088 02</b> | <b>3 173 ✓</b> | <b>2 168</b> | <b>10670 72 ✓</b>       | <b>30622 25 ✓</b> | <b>2 936 ✓</b>   | <b>2 435 ✓</b> |
| Avg. Cost per Cord from all sources on yard,    |                    |               | 2 937          | 2 433        |                          |                 |                |              |                         |                 |                |              |                         |                   |                  |                |
| Avg. Cost per Cord from all sources on trestle, |                    |               | 2 980          | 2 469        |                          |                 |                |              |                         |                 |                |              |                         |                   |                  |                |

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 Checked by: *[Signature]*  
 Corrected by: *[Signature]*  
 Compared by: *[Signature]*

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

## COMPARATIVE SUTHERLAND-INNES WOOD COST SHEETS

FOR 1906 AND 1907

Cords produced 1907  
Cords produced 1906

48754<sup>5</sup>/<sub>8</sub>  
24615<sup>5</sup>/<sub>8</sub>

|                            | AMOUNT       |           |              |           | COST PER CORD |              |
|----------------------------|--------------|-----------|--------------|-----------|---------------|--------------|
|                            | 1907         |           | 1906         |           | 1907          | 1906         |
| Chopping,                  | 56539        | 78        | 24615        | 30        | 1 160         | 1 000        |
| Stumpage,                  | 5363         | 01        | 2707         | 69        | 110           | 110          |
| Foreman and Measuring,     | 1011         | 83        | 544          | 73        | 021           | 022          |
| Traveling Expense,         | 467          | 78        | 421          | 44        | 010           | 017          |
| Exchange,                  | 50           | 28        | 35           | 40        | 001           | 001          |
| General Expense,           | 2093         | 85        | 378          | 91        | 043           | 015          |
| Fire Protection            |              |           | 29           | 32        |               | 001          |
| Superintendent,            | 1035         | 64        | 1715         | 67        | 021           | 071          |
| T a x e s,                 | 1219         | 91        | 3038         | 11        | 025           | 123          |
| Spurs and Barns,           | 3626         | 10        | 573          | 37        | 075           | 023          |
| <b>Total Cost at Stump</b> | <b>71458</b> | <b>18</b> | <b>34060</b> | <b>44</b> | <b>1 466</b>  | <b>1 383</b> |

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 Figured by                       
 Copied by                       
 Corrected by                       
 Examined by

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

MATHEWS BUCKEYE LOG JOB

YEAR, 1907.

| <u>COST OF PRODUCTION:-</u>    | <u>Labor.</u> | <u>Supplies</u> | <u>Total</u> |
|--------------------------------|---------------|-----------------|--------------|
| Swamping                       | 1135.97       | 12.58           | 1148.55      |
| Teaming                        | 862.20        | 519.75          | 1381.95      |
| Road Making                    | 16.20         |                 | 16.20        |
| Sawing                         | 285.54        | 9.01            | 294.55       |
| Depreciation of Barn Equipment |               | 202.50          | 202.50       |
| Depreciation of Spurs          |               | 162.38          | 162.38       |
| Total                          | 2299.91       | 906.22          | 3206.13      |

SALES:- (N.W. COOPERAGE & LBR. CO.)

|                |      |        |       |       |         |
|----------------|------|--------|-------|-------|---------|
| A s h          | Logs | 12176  | ft. @ | 10.50 | 127.85  |
| Hemlock        | "    | 1097   | "     | 7.00  | 7.68    |
| Maple          | "    | 49     | "     | 7.00  | .34     |
| E l m          | "    | 390147 | "     | 4.50  | 1755.66 |
| Basswood       | "    | 309360 | "     | 4.50  | 1392.11 |
| Balm of Gilead | "    | 1661   | "     | 8.00  | 13.23   |
| Total Sales    |      |        |       |       | 714490  |

|  | <u>Debit</u> | <u>Credit</u> |
|--|--------------|---------------|
| Cost of Production                           | 3206.13      |               |
| Sales  |              | 3296.92       |
| Profit credited to Treasurer Aug. Bal. Sheet | 90.79        |               |
| Total  | 3296.92      | 3296.92       |

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 Examined by Edna



# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

PARSONS-ROBERTS JOB:-

YEAR, 1907.

|                              | <u>Feet</u> | <u>Quantity</u> | <u>Price</u> | <u>Amount</u>  |
|------------------------------|-------------|-----------------|--------------|----------------|
| <u>SOLD &amp; USED:-</u>     |             |                 |              |                |
| Hemlock logs                 | "           | 441410          | 8.00         | 3531.28        |
| Birch                        | "           | 50602           | 10.50        | 531.32         |
| Pine                         | "           | 958             | 18.00        | 17.25          |
| "                            | "           | 2316            | 8.00         | 18.52          |
| "                            | "           | 894             | 12.00        | 10.73          |
| Maple                        | "           | 517             | 7.00         | 3.62           |
| Hemlock Ties                 | No. 1       | 130             | .33          | 42.90          |
| "                            | No. 2       | 26              | .14          | 3.64           |
| <b>Total Sold &amp; Used</b> |             |                 |              | <b>4159.26</b> |

SETTLEMENTS PER CONTRACT:-

|              |        |        |      |                |
|--------------|--------|--------|------|----------------|
| Hemlock logs | Feet   | 441410 | 4.50 | 1986.34        |
| Birch        | "      | 50602  | 5.00 | 253.01         |
| Pine         | "      | 4168   | 4.50 | 18.75          |
| Maple        |        | 517    | 4.50 | 2.33           |
| Hemlock Ties | 7 inch | 80     | .18  | 14.40          |
| "            | 6 "    | 56     | .16  | 8.00           |
| "            | No. 2  | 26     | .14  | 3.64           |
|              |        |        |      | <b>2286.47</b> |

A D D:-

|                      |                |
|----------------------|----------------|
| Scaling              | 16.20          |
| Maintenance of Spurs | 3.64           |
| <b>Total</b>         | <b>2306.31</b> |

Charged off to Treasurer, Net Profit \$ 1852.95

Made by GWA  
 Figured by \_\_\_\_\_  
 Copied by ewh  
 Corrected by ewh  
 Examined by Edna

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

SECTION 33 LOG JOB:-

YEAR, 1907.

| <u>SOLD &amp; USED:-</u>                                | <u>Quantity</u> | <u>Price</u> | <u>Amount</u> |
|---|-----------------|--------------|---------------|
| Elm                      Logs                      Feet | 65455           | 11.50        | 752.73        |
| Basswood                "                      "        | 39644           | 11.50        | 455.90        |
| Maple                    "                      "       | 7413            | 7.00         | 51.89         |
| Pine                     "                      "       | 1713            | 22.00        | 37.69         |
| "                      "                                | 562             | 18.00        | 10.12         |
| Cedar                    "                      "       | 785             | 8.00         | 6.28          |
| Tamarack                "                      "        | 2106            | 8.00         | 16.85         |
| Birch                     "                      "      | 4133            | 10.50        | 43.40         |
| Total   |                 |              | 1374.86       |

SETTLEMENT PER CONTRACT:-

|  |        |      |            |
|--|--------|------|------------|
| Elm                      Logs                      " | 65455  | 4.00 | 261.82     |
| Basswood                "                      "     | 39644  | 4.00 | 158.58     |
| Maple                    "                      "    | 7413   | 4.00 | 29.66      |
| Pine                     "                      "    | 2275   | 4.00 | 9.10       |
| Cedar                    "                      "    | 785    | 4.00 | 3.14       |
| Tamarack                "                      "     | 2106   | 4.00 | 8.42       |
| Birch                     "                      "   | 4133   | 4.00 | 16.53      |
| Total  |        |      | 487.25     |
| Taxes  |        |      | 26.91      |
| Stumpage, Elm & Basswood                             | 105099 | 6.00 | 630.59     |
| "                      Birch                         | 4133   | 5.00 | 20.67      |
| Depreciation of Spurs                                | 121811 | .50  | 60.91      |
|  |        |      | \$ 1226.33 |
| Net Profit   |        |      | \$ 148.53  |

Made by SWA  
 Figured by \_\_\_\_\_  
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 Corrected by SWA  
 Examined by SWA

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

PARSONS-WILLIAMS JOB:-

YEAR, 1907.

| <u>SOLD &amp; USED:-</u> |      |       | <u>Quantity</u> | <u>Price</u> | <u>Amount</u>   |
|--------------------------|------|-------|-----------------|--------------|-----------------|
| E l m                    | Logs | Feet  | 1012            | 11.50        | 11.64           |
| Spruce                   | "    | "     | 552             | 12.00        | 6.62            |
| Maple                    | "    | "     | 15457           | 7.00         | 108.20          |
| A s h                    | "    | "     | 3937            | 10.50        | 41.34           |
| Pine                     | "    | "     | 3319            | 12.00        | 39.83           |
| Hemlock                  | "    | "     | 38274           | 7.00         | 267.92          |
| "                        | "    | "     | 1005043         | 8.00         | 8040.34         |
| Birch                    | "    | "     | 24539           | 10.00        | 245.39          |
| "                        | "    | "     | 124094          | 10.50        | 1302.99         |
| Basswood                 | "    | "     | 656             | 11.25        | 7.38            |
| "                        | "    | "     | 3081            | 11.50        | 35.43           |
| Hemlock                  | Ties | No. 1 | 891             | .25          | 222.75          |
| "                        | "    | "     | 176             | .21          | 36.96           |
| "                        | "    | "     | 195             | .16          | 31.20           |
| "                        | "    | "     | 26              | .15          | 3.90            |
| "                        | "    | "     | 10742           | .33          | 3544.86         |
| Cedar                    | "    | "     | 3761            | .46          | 1730.06         |
| Hemlock No. 2            | "    | "     | 121             | .19          | 22.99           |
| "                        | "    | No. 2 | 195             | .14          | 27.30           |
| "                        | "    | "     | 450             | .13          | 58.50           |
| "                        | "    | "     | 80              | .15          | 12.00           |
| "                        | Bark | Cords | 135.516         | #            | 854.89          |
| Posts                    |      |       | 1594            | ##           | 135.86          |
| Poles                    |      |       | 319             | #.#          | 643.98          |
| Pulpwood                 |      |       | 34.68           | ##.##        | 129.63          |
| <b>Total</b>             |      |       |                 |              | <b>17561.96</b> |

SETTLEMENT PER CONTRACT:-

|              |      |       |         |      |                |
|--------------|------|-------|---------|------|----------------|
| E l m        | Logs | Feet  | 1012    | 4.50 | 4.55           |
| Spruce       | "    | "     | 552     | 4.50 | 2.48           |
| Maple        | "    | "     | 15457   | 4.50 | 69.56          |
| A s h        | "    | "     | 3937    | 4.50 | 17.72          |
| P i n e      | "    | "     | 3319    | 4.50 | 14.93          |
| Hemlock      | "    | "     | 38274   | 4.50 | 172.23         |
| "            | "    | "     | 1005043 | 4.25 | 4271.43        |
| Birch        | "    | "     | 148633  | 4.50 | 668.85         |
| Basswood     | "    | "     | 3737    | 4.50 | 16.81          |
| Hemlock      | Ties | No. 1 | 176     | .21  | 36.97          |
| "            | "    | "     | 4495    | .16  | 719.20         |
| "            | "    | "     | 917     | .15  | 137.55         |
| "            | "    | "     | 6442    | .18  | 1159.56        |
| Cedar        | "    | "     | 2261    | .20  | 452.20         |
| "            | "    | "     | 1500    | .18  | 270.00         |
| Hemlock Ties | "    | No. 2 | 121     | .19  | 22.99          |
| "            | "    | "     | 195     | .14  | 27.30          |
| "            | "    | "     | 450     | .13  | 58.50          |
| "            | "    | "     | 80      | .15  | 12.00          |
| "            | Bark | Cords | 137.76  | 4.35 | 599.28         |
| Posts        |      |       | 1594    | #    | 73.55          |
| Poles        |      |       | 319     | ##   | 188.85         |
| Pulpwood     |      |       | 42.18   | 2.35 | 100.00         |
| <b>Total</b> |      |       |         |      | <b>9096.51</b> |

Made by GWA  
 Figured by \_\_\_\_\_  
 Copied by \_\_\_\_\_  
 Corrected by CLW  
 Examined by \_\_\_\_\_



# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

PARSONS-WILLIAMS JOB-Continued:-

YEAR, 1907.

|  |                 |
|--|-----------------|
| Total Settlements                          | 9096.51         |
| <u>A D D :-</u>                            |                 |
| Loading Ties                               | 430.51          |
| Inspecting Ties                            | 16.08           |
| Scaling Logs                               | 30.18           |
| Hauling Logs                               | 10.00           |
| Loading Posts                              | 7.97            |
| Loading Poles                              | 25.00           |
| Taxes                                      | 23.01           |
| Exchange                                   | 1.00            |
| Traveling                                  | 11.70           |
| Extending Spurs                            | 45.59           |
| Depreciation of Spurs                      | 46.96           |
| Maintenance of Spurs                       | 342.02          |
| Engineering                                | 27.96           |
| Total                                      | <u>10114.49</u> |
| Net Profit                                 | 7447.47         |
| Deduct Inventory, 703 Ties @ 15¢           | <u>105.45</u>   |
| Charged off to Treasurer in November, 1907 | 7342.02         |

# Bark, \$9.00 per cord f.o.b., Kenosha  
 ## Various prices  
 ### " "  
 #### #3.00 and \$3.25

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 Figured by \_\_\_\_\_  
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 Corrected by GWA  
 Examined by GWA

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

PARSONS-CORNELL JOB

YEAR, 1907.

|                                   |        | <u>Quantity</u> | <u>Price</u> | <u>Amount</u> |
|-----------------------------------|--------|-----------------|--------------|---------------|
| <b>SETTLEMENTS PER CONTRACT:-</b> |        |                 |              |               |
| Hemlock Logs                      | Feet   | 366407          | 4.50         | 1648.83       |
| Pine "                            | "      | 7186            | 4.50         | 32.35         |
| Birch "                           | "      | 10334           | 5.00         | 51.67         |
| Basswood "                        | "      | 552             | 5.00         | 2.76          |
| E l m "                           | "      | 370             | 5.00         | 1.85          |
| Bark                              | Cords  | 44.04           | 4.00         | 176.16        |
| "                                 | "      | 5.50            | 4.50         | 24.75         |
| Hemlock Ties                      | 7-inch | 1068            | .19          | 202.92        |
| " "                               | 6- "   | 332             | .18          | 59.76         |

Total 2201.05

SOLD & USED:-

|              |       |        |       |         |
|--------------|-------|--------|-------|---------|
| Hemlock Logs | Feet  | 366407 | 8.00  | 2931.26 |
| Pine "       | "     | 2399   | 8.00  | 19.19   |
| " "          | "     | 4787   | 12.00 | 57.44   |
| Birch "      | "     | 10334  | 10.50 | 108.51  |
| Basswood "   | "     | 552    | 11.50 | 6.35    |
| E l m "      | "     | 370    | 11.50 | 4.25    |
| Bark         | Cords | 49.54  | #     | 310.41  |
| Hemlock Ties |       | 1076   | .33   | 355.08  |
| " "          |       | 324    | .19   | 61.56   |

Total 3854.05

|                      |               |
|----------------------|---------------|
| Gross Profit         | 1653.00       |
| Maintenance of Spurs | <u>175.62</u> |

Net Profit \$ 1477.38

Made by GWA  
 Figured by \_\_\_\_\_  
 Copied by edw  
 Corrected by edw  
 Examined by edw

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

MATHEWS THOMPSON JOB:-

YEAR, 1907.

|                          |      |       | <u>Quantity</u> | <u>Price</u> | <u>Amount</u> |
|--------------------------|------|-------|-----------------|--------------|---------------|
| <b>SOLD &amp; USED:-</b> |      |       |                 |              |               |
| Hemlock                  | Logs | Feet  | 309845          | 8.00         | 2478.79       |
| Birch                    | "    | "     | 2083            | 10.50        | 21.87         |
| Cedar                    | "    | "     | 4317            | 8.00         | 34.54         |
| Pine #1                  | "    | "     | 709             | 18.00        | 12.76         |
| " #2                     | "    | "     | 2426            | 12.00        | 29.11         |
| E l m                    | "    | "     | 1206            | 11.50        | 13.87         |
| Bark                     |      | Cords | 200.354         | #            | 1253.72       |
| Hemlock ties             |      |       | 288             | .15          | 43.20         |
| "                        | Ties |       | 42              | .13          | 5.46          |
| "                        | "    |       | 176             | .28          | 49.28         |
| Cedar                    | "    |       | 955             | .46          | 439.30        |
| "                        | "    |       | 461             | .15          | 69.15         |
| "                        | "    |       | 10              | .41          | 4.10          |
| <b>Total</b>             |      |       |                 |              | 4455.15       |

**SETTLEMENTS PER CONTRACT:-**

|                                |       |       |         |      |         |
|--------------------------------|-------|-------|---------|------|---------|
| Hemlock                        | Logs  | Feet  | 309845  | 4.00 | 1239.40 |
| Birch                          | Logs  | "     | 2083    | 4.50 | 9.37    |
| Cedar                          | "     | "     | 4317    | 4.00 | 17.27   |
| Pine                           | "     | "     | 3135    | 4.50 | 14.11   |
| E l m                          | "     | "     | 1206    | 4.50 | 5.43    |
| Bark                           |       | Cords | 200.354 | 4.00 | 800.70  |
| Hemlock                        | Ties  |       | 464     | .15  | 69.60   |
| "                              | "     |       | 42      | .13  | 5.46    |
| Cedar                          | "     |       | 965     | .20  | 193.00  |
| "                              | "     |       | 461     | .15  | 69.15   |
| <b>Total</b>                   |       |       |         |      | 2423.49 |
| Depreciation of Spurs          | Logs  |       | 320586  | .50  | 160.29  |
| "                              | Ties  |       | 2486    | .01  | 24.86   |
| "                              | Bark  |       | 200     | .30  | 60.00   |
| "                              | Posts |       | 630     | .01  | 6.30    |
| Legal Expense                  |       |       |         |      | 5.60    |
| <b>Total</b>                   |       |       |         |      | 2680.54 |
| <b>Net Profit on operation</b> |       |       |         |      | 1774.61 |

**DEDUCT INVENTORY:-**

|                       |       |     |     |          |
|-----------------------|-------|-----|-----|----------|
| Hemlock               | Ties  | 83  | .15 | 12.45    |
| Cedar                 | Ties  | 480 | .20 | 96.00    |
| Cedar                 | Posts | 630 | .06 | 37.80    |
|                       |       |     |     | 146.25 X |
| <b>Ledger Balance</b> |       |     |     | 1628.36  |

Made by GWA  
 Figured by \_\_\_\_\_  
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 Examined by CHW



# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

1907-08 DELOSH JOB

YEAR, 1907.

|                          |      | <u>Quantity</u> | <u>Price</u> | <u>Amount</u> |
|--------------------------|------|-----------------|--------------|---------------|
| <b>SOLD &amp; USED:-</b> |      |                 |              |               |
| Elm & Basswood           | Feet | 703355          | 4.50         | 3165.10       |
| Birch                    | "    | 22145           | 4.50         | 99.65         |
| "                        | "    | 687             | 10.50        | 7.21          |
| Maple                    | "    | 176             | 4.50         | .79           |
| Spruce                   | "    | 137             | 12.00        | 1.65          |
| Balsam                   | "    | 117             | 8.00         | .94           |
| Cedar                    | "    | 1545            | 9.00         | 13.90         |
| Total                    |      | 728162          |              | 3289.24       |

**SETTLEMENTS PER CONTRACT:-**

|                |      |        |      |         |
|----------------|------|--------|------|---------|
| Elm & Basswood | Feet | 703355 | 4.00 | 2813.42 |
| Birch          | "    | 22832  | 4.00 | 91.33   |
| Maple          | "    | 176    | 4.00 | .70     |
| Spruce         | "    | 137    | 4.00 | .55     |
| Balsam         | "    | 117    | 4.00 | .47     |
| Cedar          | "    | 1545   | 4.00 | 6.18    |
| Total          |      | 728162 |      | 2912.65 |

Profit on Operation 376.59

**DEDUCT INVENTORY:-**

|              |       |     |     |        |
|--------------|-------|-----|-----|--------|
| Hemlock Ties | No. 1 | 394 | .17 | 66.98  |
| "            | "     | 275 | .18 | 49.50  |
| "            | No. 2 | 187 | .13 | 24.31  |
| Cedar        | No. 1 | 72  | .20 | 14.40  |
| "            | "     | 24  | .20 | 4.80   |
| "            | No. 2 | 7   | .15 | 1.05   |
| Total        |       |     |     | 161.04 |

Ledger Balance 215.55

Made by GWA  
 Figured by \_\_\_\_\_  
 Copied by CPA  
 Corrected by CPA  
 Examined by CPA

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

MATHEWS-DELOSH JOB:-

YEAR, 1907.

|                          |      |       | <u>Quantity</u> | <u>Price</u> | <u>Amount</u>  |
|--------------------------|------|-------|-----------------|--------------|----------------|
| <u>SOLD &amp; USED:-</u> |      |       |                 |              |                |
| Hemlock                  | Logs | Feet  | 386813          | 8.00         | 3094.50        |
| Cedar                    | "    | "     | 104115          | 7.00         | 728.61         |
| Birch                    | "    | "     | 21901           | 10.50        | 229.96         |
| Tamarack                 | "    | "     | 10520           | 8.00         | 84.16          |
| Pine                     | "    | "     | 1399            | 12.00        | 16.79          |
| A s h                    | "    | "     | 578             | 10.50        | 6.07           |
| Maple                    | "    | "     | 388             | 7.00         | 2.72           |
| Balm of Gilead           | "    | "     | 867             | 8.00         | 6.94           |
| Bark                     |      | Cords | 77.839          | #            | 480.56         |
| Hemlock                  | Ties |       | 1840            | .33          | 607.20         |
| "                        | "    |       | 500             | .15          | 75.00          |
| "                        | "    |       | 374             | .13          | 48.62          |
| Cedar                    | "    |       | 5373            | .46          | 2691.00        |
| "                        | "    |       | 1600            | .15          | 240.00         |
| <b>Total</b>             |      |       |                 |              | <b>8312.13</b> |

SETTLEMENTS PER CONTRACT:-

|                |      |       |        |      |        |
|----------------|------|-------|--------|------|--------|
| Hemlock        | Logs | Feet  | 204923 | 3.50 | 717.23 |
| "              | "    | "     | 181890 | 4.00 | 727.56 |
| Cedar          | "    | "     | 104115 | 4.00 | 416.46 |
| Birch          | "    | "     | 21901  | 3.50 | 76.66  |
| Tamarack       | "    | "     | 2119   | 3.50 | 7.42   |
| "              | "    | "     | 8401   | 4.00 | 33.60  |
| Pine           | "    | "     | 1399   | 4.00 | 5.60   |
| A s h          | "    | "     | 578    | 3.50 | 2.01   |
| Maple          | "    | "     | 388    | 4.00 | 1.55   |
| Balm of Gilead | "    | "     | 867    | 4.00 | 3.46   |
| Bark           |      | Cords | 77.839 | 4.00 | 311.35 |
| Hemlock        | Ties |       | 2002   | .15  | 300.30 |
| "              | "    |       | 712    | .13  | 92.56  |
| Cedar          | "    |       | 4681   | .20  | 936.20 |
| "              | "    |       | 2292   | .15  | 343.80 |

|                       |  |  |  |  |         |
|-----------------------|--|--|--|--|---------|
| Total Settlements     |  |  |  |  | 3975.76 |
| Depreciation of Spurs |  |  |  |  | 390.31  |
| Loading Ties          |  |  |  |  | 202.00  |
| Inspecting Ties       |  |  |  |  | 13.05   |
| Bunching Ties         |  |  |  |  | 20.30   |

Total Cost 4601.42

Net Profit on Operation 3710.71

DEDUCT INVENTORY:-

|                 |     |                   |          |
|-----------------|-----|-------------------|----------|
| Hemlock ties    | 62  | .13               | 8.06     |
| Posts           | 260 | .05 $\frac{1}{2}$ | 14.29    |
| Poles           | 123 | Various           | 87.13    |
| Total Inventory |     |                   | 109.48 X |

Charged to Treasurer 3601.23

Made by GWA  
 Figured by \_\_\_\_\_  
 Copied by GWA  
 Corrected by \_\_\_\_\_  
 Examined by GWA

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

Charges to rented houses and rents received during 1907

| House No.        | Repairs | Ins. | Taxes | Total Chgs | Rent Recd | Net Rent |
|------------------|---------|------|-------|------------|-----------|----------|
| 1                | 46.17   | 2.39 |       | 48.56      | 72.00     | 23.44    |
| 2                | 13.76   | 2.39 |       | 16.15      | 72.00     | 55.85    |
| 3                | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 4                | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 5                | 13.61   | 2.39 |       | 16.00      | 72.00     | 56.00    |
| 6                | 13.46   | 2.39 |       | 15.85      | 69.00     | 53.15    |
| 7                | 18.92   | 2.39 |       | 21.31      | 69.00     | 47.69    |
| 8                | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 9                | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 10               | 13.76   | 2.39 |       | 16.15      | 72.00     | 55.85    |
| 11               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 12               | 13.84   | 2.39 |       | 16.23      | 72.00     | 55.77    |
| 13               | 43.01   | 2.39 |       | 45.40      | 72.00     | 26.60    |
| 14               | 13.66   | 2.39 |       | 16.05      | 72.00     | 55.95    |
| 15               | 13.51   | 2.39 |       | 15.90      | 72.00     | 56.10    |
| 16               | 13.86   | 2.39 |       | 16.25      | 72.00     | 55.75    |
| 17               | 13.76   | 2.39 |       | 16.15      | 72.00     | 55.85    |
| 18               | 13.86   | 2.39 |       | 16.25      | 72.00     | 55.75    |
| 19               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 20               | 15.11   | 2.39 |       | 17.50      | 72.00     | 54.50    |
| 21               | 13.71   | 2.39 |       | 16.10      | 72.00     | 55.90    |
| 22               | 14.21   | 2.39 |       | 16.60      | 72.00     | 55.40    |
| 23               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 24               | 13.66   | 2.39 |       | 16.05      | 72.00     | 55.95    |
| 25               | 13.64   | 2.39 |       | 16.03      | 72.00     | 55.97    |
| 26               | 14.06   | 2.39 |       | 16.45      | 72.00     | 55.55    |
| 27               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 28               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 29               | 13.66   | 2.39 |       | 16.05      | 72.00     | 55.95    |
| 30               | 13.46   | 2.39 |       | 15.85      | 72.00     | 56.15    |
| 31               | 20.46   | 2.39 |       | 22.85      | 72.00     | 49.15    |
| 32               | 13.46   | 2.39 |       | 15.85      | 60.00     | 44.15    |
| 33               | 13.46   | 2.39 |       | 15.85      | 67.40     | 51.55    |
| 34               | 13.91   | 2.39 |       | 16.30      | 72.00     | 55.70    |
| 35               | 13.46   | 2.38 |       | 15.84      | 72.00     | 56.16    |
| 36               | 13.46   | 2.38 |       | 15.84      | 72.00     | 56.16    |
| 37               | 13.46   | 2.38 |       | 15.84      | 49.60     | 33.76    |
| 38               | 14.30   | 2.38 |       | 16.68      | 72.00     | 55.32    |
| 39               | 13.75   | 2.38 |       | 16.13      | 72.00     | 55.87    |
| 40               | 13.45   | 2.38 |       | 15.83      | 72.00     | 56.17    |
| 41               | 13.90   | 2.38 |       | 16.28      | 72.00     | 55.72    |
| 42               | 13.45   | 2.38 |       | 15.83      | 64.00     | 48.17    |
| 43               | 14.39   | 2.38 |       | 16.77      | 63.20     | 46.43    |
| 44               | 13.45   | 2.38 |       | 15.83      | 72.00     | 56.17    |
| 45               | 14.00   | 2.38 |       | 16.38      | 66.60     | 50.22    |
| 46               | 13.45   | 2.38 |       | 15.83      | 56.40     | 40.57    |
| 47               | 13.45   | 2.38 |       | 15.83      | 72.00     | 56.17    |
| 48               | 13.83   | 2.38 |       | 16.21      | 72.00     | 55.79    |
| 49               | 13.45   | 2.38 |       | 15.83      | 72.00     | 56.17    |
| 50               | 13.45   | 2.38 |       | 15.83      | 72.00     | 56.17    |
| Ass't. Auditor's | 140.84  | 3.33 | 37.49 | 181.66     | 120.00    | 61.66    |
| Chief Engineer   | 110.58  | 3.34 | 41.24 | 155.16     | 120.00    | 35.16    |

Total 1009.24 126.01 78.73 1213.98 3757.20 2543.22

Made by JWA 1906 980547 220.70 7296 1280.13 3748.65 2468.52  
 Figured by JWA  
 Copied by JWA  
 Corrected by JWA  
 Examined by JWA



**THE CLEVELAND-CLIFFS IRON COMPANY**  
Furnace Department

**DETAIL OF LABOR STATEMENT FOR 07**

|                                |                    | No.<br>Men | No.<br>Days | Earnings |    |
|--------------------------------|--------------------|------------|-------------|----------|----|
| <b>FURNACE:</b>                |                    |            |             |          |    |
| Not Including Office,          |                    | 78         | 27809 0     | 58638    | 00 |
| Office,                        |                    | 4½         | 1575 5      | 7374     | 33 |
|                                | <b>Total</b>       | 82½        | 29384 5     | 66012    | 33 |
| <b>CHEMICAL PLANT NO. 1</b>    |                    |            |             |          |    |
| Not Including Office,          |                    | 17         | 5951 7      | 12364    | 16 |
| Office,                        |                    | 1½         | 599 4       | 2813     | 80 |
|                                | <b>Total</b>       | 18½        | 6551 1      | 15177    | 96 |
| <b>CHEMICAL PLANT NO. 2</b>    |                    |            |             |          |    |
| Not Including Office,          |                    | 11         | 3800 8      | 7714     | 65 |
| Office,                        |                    | 1½         | 551 1       | 2601     | 15 |
|                                | <b>Total</b>       | 12½        | 4351 9      | 10315    | 80 |
| <b>ACETATE PLANT NO. 1</b>     |                    |            |             |          |    |
| Not Including Office,          |                    | 10½        | 3578 7      | 8023     | 03 |
| Office,                        |                    | ½          | 191 4       | 910      | 23 |
|                                | <b>Total</b>       | 10¾        | 3770 1      | 8933     | 23 |
| <b>ACETATE PLANT NO. 2</b>     |                    |            |             |          |    |
| Not Including Office,          |                    | 5½         | 2011 7      | 4597     | 19 |
| Office,                        |                    | ½          | 156 1       | 745      | 04 |
|                                | <b>Total</b>       | 6          | 2167 8      | 5342     | 23 |
| <b>KILNS:</b>                  |                    |            |             |          |    |
| No office charged,             | <b>Total</b>       | 33         | 10083 9     | 21453    | 54 |
| <b>RETORTS:</b>                |                    |            |             |          |    |
| No office charged,             | <b>Total</b>       | 22         | 7235 2      | 14653    | 43 |
| <b>IMPROVEMENT:</b>            |                    |            |             |          |    |
| No office charged,             | <b>Total</b>       | 2          | 317 3       | 692      | 38 |
| <b>MISCELLANEOUS ACCOUNTS:</b> |                    |            |             |          |    |
| No office charged,             | <b>Total</b>       | 18         | 5727 0      | 11978    | 04 |
|                                | <b>Grand Total</b> | 205½       | 69583 8     | 154568   | 94 |

# Letter 7/1/08

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THE CLEVELAND-CLIFFS IRON COMPANY  
Furnace Department

STATEMENT OF FIRE INSURANCE IN FORCE NOVEMBER 30th., 1907.

| Policy Number | COMPANY                    | PROPERTY INSURED                    | LOCATION  | TERM    | EXPIRATION      | Amount of Policy | RATE         | PREMIUM |        | Un-Earned Losses |
|---------------|----------------------------|-------------------------------------|-----------|---------|-----------------|------------------|--------------|---------|--------|------------------|
|               |                            |                                     |           |         |                 |                  |              | Paid    | Acc'd. |                  |
| 461840        | North British & Mercantile | 5 Dbl. Ten'nt houses #41 to 50 inc. | Furnace   | 3 years | Dec. 1st. 1908  | 4000.00          | 1.95 - 3 yrs | 78.00   | 52.00  | 26.00 None       |
| 129           | Hanover                    | Club House & Contents               | "         | 3 "     | Dec. 1st. 1908  | 1500.00          | 4.75 - 3 "   | 71.25   | 47.50  | 23.75 "          |
| 4618439       | North British & Mercantile | " " "                               | "         | 3 "     | Dec. 1st. 1908  | 1500.00          | 4.75 - 3 "   | 71.25   | 47.50  | 23.75 "          |
| 6656          | H o m e                    | 31 Charcoal Cars                    | "         | 1 "     | Jan. 30th. 1908 | 3100.00          | 2.00 - 1 "   | 62.00   | 51.66  | 10.34 "          |
| 1724635       | American Central           | Stock of General Supplies           | "         | 1 "     | Dec. 21st. 1907 | 2500.00          | 1.35 - 1 "   | 33.75   | 31.88  | 1.87 "           |
| 757           | Detroit Fire & Marine      | " " " "                             | "         | 1 "     | " " " "         | 2500.00          | 1.35 - 1 "   | 33.75   | 31.87  | 1.88 "           |
|               |                            | 20 dbl. Ten'nt. houses 1 to 4c inc. | Furnace   | 3 years | Dec. 1st. 1909  | 14000.00         | 2.00 - 3 "   | 280.00  | 93.34  | 186.66 "         |
|               |                            | Founder's house                     | "         | 3 "     | " " " "         | 1500.00          | 1.00 - 3 "   | 15.00   | 5.00   | 10.00 "          |
|               |                            | B a r n                             | "         | 3 "     | " " " "         | 1000.00          | 3.00 - 3 "   | 30.00   | 10.00  | 20.00 "          |
|               |                            | Barn Boss' house, Gladstone         | Gladstone | 3 "     | " " " "         | 500.00           | 1.00 - 3 "   | 5.00    | 1.66   | 3.34 "           |
|               |                            | Chief Engineer's house              | "         | 3 "     | " " " "         | 1000.00          | 1.00 - 3 "   | 10.00   | 3.34   | 6.66 "           |
|               |                            | Assistant Auditor's house           | "         | 3 "     | " " " "         | 1000.00          | 1.00 - 3 "   | 10.00   | 3.33   | 6.67 "           |
|               |                            | Office & Laboratory building        | Furnace   | 3 "     | " " " 1908      | 2000.00          | 4.38 - 3 "   | 87.60   | 58.40  | 29.20 "          |
|               |                            | Office Laboratory Contents          | "         | 3 "     | " " " "         | 700.00           | 4.38 - 3 "   | 30.66   | 20.44  | 10.22 "          |
|               |                            | Acetate Storage House               | "         | 3 "     | " " " "         | 175.00           | 3.50 - 3 "   | 6.13    | 4.09   | 2.04 "           |
|               |                            | Chemical Supplies                   | "         | 3 "     | " " " "         | 250.00           | 3.50 - 3 "   | 8.75    | 5.83   | 2.92 "           |
|               |                            | Car Shops                           | "         | 3 "     | " " " "         | 200.00           | 7.75 - 3 "   | 15.50   | 10.34  | 5.16 "           |
|               |                            | Launch Nepenthe                     | Marquette | 1 "     | Nov. 19th. 1908 | 1000.00          | 2.50 - 1 "   | 25.00   | 1.00   | 24.00 "          |
|               |                            |                                     |           |         |                 | 38425.00         |              | 873.64  | 479.18 | 394.46           |

\* These risks carried by the several companies shown in statement below.

List of companies participating in the above risks. Total

|                                      |         |
|--------------------------------------|---------|
| 4620516 / North British & Mercantile | 2375.00 |
| 21004 / Hartford                     | 2375.00 |
| 2725269 / Atlas                      | 2375.00 |
| 91704 / Phoenix                      | 2375.00 |
| 527473 / National                    | 2375.00 |
| 1415982 / American Central           | 2375.00 |
| 1028 / Hanover                       | 2375.00 |
| 1883 / Springfield                   | 2375.00 |
| 1415941 / American Central           | 1662.50 |
| 1817 / Springfield                   | 1662.50 |

1. Policies with Peter White & Co.  
2. " " G. R. Empson, Gladstone

Made by \_\_\_\_\_  
Figured by \_\_\_\_\_  
Copied by *GWA*  
Checked *com*



THE CLEVELAND STEEL IRON COMPANY  
Furnace Department

COMPARATIVE STATEMENT OF TAXES FOR 1906 AND 1907

|  | 1907  |           |         | 1906      |         |       | 1907      |       |           | 1906    |  |  |
|--|-------|-----------|---------|-----------|---------|-------|-----------|-------|-----------|---------|--|--|
|  | Acres | Valuation | Taxes   | Valuation | Taxes   | Acres | Valuation | Taxes | Valuation | Taxes   |  |  |
| <b>CITY OF GLADSTONE:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| City Lots & Gov't. Lot No. 3   |       | 7085      | 276.82  | 7465      | 277.64  |       |           |       |           |         |  |  |
| Founder's House  |       | 400       | 14.99   | 400       | 13.90   |       |           |       |           |         |  |  |
| Assistant Auditor's House  |       | 1000      | 37.49   | 1000      | 34.74   |       |           |       |           |         |  |  |
| Chief Engineer's House   |       | 1100      | 41.24   | 1100      | 38.22   |       |           |       |           |         |  |  |
| Barn Boss' House   |       | 500       | 18.76   | 500       | 17.37   |       |           |       |           |         |  |  |
| <b>Total</b>   |       | 10055     | 389.30  | 10465     | 381.87  |       |           |       |           |         |  |  |
| <b>BRAMPTON TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Furnace Plant, Real  | 39    | 180000    | 3616.00 | 180000    | 3338.72 |       |           |       |           |         |  |  |
| Furnace Plant, Personal  | 40    | 65000     | 1308.21 | 65000     | 1207.40 |       |           |       |           |         |  |  |
| Limestone Quarry   |       | 100       | 2.01    | 100       | 1.86    |       |           |       |           |         |  |  |
| <b>Total</b>   | 79    | 245100    | 4926.22 | 245100    | 4547.98 |       |           |       |           |         |  |  |
| <b>MASONVILLE TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 2 - 43 - 21  | 480   | 4800      | 170.89  | 4800      | 146.41  |       |           |       |           |         |  |  |
| " 3 - 43 - 21  | 640   | 4800      | 170.81  | 4800      | 146.90  |       |           |       |           |         |  |  |
| " 4 - 43 - 21  | 640   | 4740      | 168.69  | 4740      | 146.04  |       |           |       |           |         |  |  |
| " 5 - 43 - 21  | 640   | 3940      | 136.87  | 3940      | 117.16  |       |           |       |           |         |  |  |
| " 6 - 43 - 21  | 320   | 2160      | 76.92   | 2160      | 66.01   |       |           |       |           |         |  |  |
| " 9 - 43 - 21  | 640   | 4800      | 170.81  | 4800      | 146.90  |       |           |       |           |         |  |  |
| " 10 - 43 - 21   | 640   | 4800      | 170.81  | 4800      | 146.89  |       |           |       |           |         |  |  |
| " 11 - 43 - 21   | 160   | 1580      | 52.72   | 1480      | 45.16   |       |           |       |           |         |  |  |
| " 18 - 43 - 21   | 320   | 3200      | 113.98  | 3200      | 97.61   |       |           |       |           |         |  |  |
| " 30 - 43 - 21   | 160   | 1360      | 48.48   | 1360      | 41.53   |       |           |       |           |         |  |  |
| <b>Total</b>   | 4640  | 36080     | 1280.98 | 36080     | 1099.61 |       |           |       |           |         |  |  |
| <b>LIMESTONE TOWNSHIP:</b>   |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 13 - 44 - 22   | 440   | 1980      | 93.96   | 1980      | 75.10   |       |           |       |           |         |  |  |
| " 15 - 44 - 22   | 320   | 1440      | 69.14   | 1440      | 54.62   |       |           |       |           |         |  |  |
| " 21 - 44 - 22   | 320   | 1680      | 79.72   | 1680      | 63.73   |       |           |       |           |         |  |  |
| " 22 - 44 - 22   | 320   | 1440      | 65.14   | 1440      | 54.62   |       |           |       |           |         |  |  |
| " 24 - 44 - 22   | 480   | 2160      | 102.48  | 2160      | 81.93   |       |           |       |           |         |  |  |
| " 26 - 44 - 21   | 160   | 720       | 34.14   | 720       | 27.31   |       |           |       |           |         |  |  |
| Personal   |       | 6800      | 298.92  | 8000      | 308.40  |       |           |       |           |         |  |  |
| <b>Total</b>   | 2040  | 15720     | 744.61  | 17420     | 660.71  |       |           |       |           |         |  |  |
| <b>MATHIAS TOWNSHIP:</b>   |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 7 - 44 - 21  | 160   | 800       | 35.91   | 800       | 35.92   |       |           |       |           |         |  |  |
| " 18 - 44 - 21   | 634   | 3800      | 170.54  | 3600      | 161.72  |       |           |       |           |         |  |  |
| " 28 - 44 - 21   | 480   | 2800      | 125.06  | 2700      | 121.28  |       |           |       |           |         |  |  |
| " 29 - 44 - 21   | 320   | 1700      | 76.80   | 1600      | 71.83   |       |           |       |           |         |  |  |
| " 30 - 44 - 21   | 160   | 800       | 35.90   | 800       | 35.92   |       |           |       |           |         |  |  |
| " 31 - 44 - 21   | 600   | 3000      | 134.64  | 3000      | 134.67  |       |           |       |           |         |  |  |
| " 32 - 44 - 21   | 640   | 3200      | 143.62  | 3200      | 143.67  |       |           |       |           |         |  |  |
| " 33 - 44 - 21   | 480   | 2400      | 107.72  | 2400      | 107.75  |       |           |       |           |         |  |  |
| " 34 - 44 - 21   | 320   | 1600      | 71.81   | 1600      | 71.83   |       |           |       |           |         |  |  |
| Personal   |       | 9400      | 421.80  | 15700     | 704.90  |       |           |       |           |         |  |  |
| <b>Total</b>   | 3794  | 29500     | 1323.00 | 35400     | 1589.44 |       |           |       |           |         |  |  |
| <b>GARDEN TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 12 - 41 - 18   | 160   | 400       | 5.02    | 400       | 3.40    |       |           |       |           |         |  |  |
| " 13 - 41 - 18   | 640   | 1600      | 20.06   | 1600      | 13.57   |       |           |       |           |         |  |  |
| <b>Total</b>   | 800   | 2000      | 25.08   | 2000      | 16.97   |       |           |       |           |         |  |  |
| <b>THOMPSON TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 28 - 42 - 17   | 640   | 1280      | 41.69   | 1280      | 35.54   |       |           |       |           |         |  |  |
| " 32 - 42 - 17   | 520   | 520       | 16.94   | 520       | 14.48   |       |           |       |           |         |  |  |
| " 33 - 42 - 17   | 640   | 1280      | 41.69   | 1280      | 35.54   |       |           |       |           |         |  |  |
| <b>Total</b>   | 1800  | 3080      | 100.32  | 3080      | 85.56   |       |           |       |           |         |  |  |
| <b>INWOOD TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Section 2 - 41 - 17  | 644   | 1300      | 35.15   | 1500      | 51.57   |       |           |       |           |         |  |  |
| " 3 - 41 - 17  | 645   | 1280      | 34.60   | 1280      | 44.02   |       |           |       |           |         |  |  |
| " 4 - 41 - 17  | 560   | 1400      | 37.84   | 1600      | 55.00   |       |           |       |           |         |  |  |
| " 5 - 41 - 17  | 480   | 1200      | 32.44   | 1400      | 48.14   |       |           |       |           |         |  |  |
| " 7 - 41 - 17  | 400   | 1016      | 27.46   | 1016      | 34.90   |       |           |       |           |         |  |  |
| " 8 - 41 - 17  | 400   | 1000      | 27.03   | 1000      | 34.38   |       |           |       |           |         |  |  |
| " 9 - 41 - 17  | 400   | 800       | 21.63   | 800       | 27.50   |       |           |       |           |         |  |  |
| " 10 - 41 - 17   | 640   | 1600      | 43.24   | 1600      | 55.00   |       |           |       |           |         |  |  |
| " 18 - 41 - 17   | 560   | 1432      | 38.67   | 1636      | 56.24   |       |           |       |           |         |  |  |
| Personal   |       | 375       | 10.14   | 10960     | 686.25  |       |           |       |           |         |  |  |
| <b>Total</b>   | 4729  | 11403     | 309.20  | 31792     | 1093.00 |       |           |       |           |         |  |  |
| <b>RECAPITULATION:</b>   |       |           |         |           |         |       |           |       |           |         |  |  |
| City of Gladstone  |       | 10055     | 389.30  | 10465     | 381.87  |       |           |       |           |         |  |  |
| Brampton Township  | 79    | 245100    | 4926.22 | 245100    | 4547.98 |       |           |       |           |         |  |  |
| Masonville Township  | 4640  | 36080     | 1280.98 | 36080     | 1099.61 |       |           |       |           |         |  |  |
| Limestone Township   | 2040  | 15720     | 744.61  | 17420     | 660.71  |       |           |       |           |         |  |  |
| Mathias Township   | 3794  | 29500     | 1323.00 | 35400     | 1589.44 |       |           |       |           |         |  |  |
| Garden Township  | 800   | 2000      | 25.08   | 2000      | 16.97   |       |           |       |           |         |  |  |
| Thompson Township  | 1800  | 3080      | 100.32  | 3080      | 85.56   |       |           |       |           |         |  |  |
| Inwood Township  | 4729  | 11403     | 309.20  | 31792     | 1093.00 |       |           |       |           |         |  |  |
| <b>Total</b>   | 17082 | 352938    | 9098.56 | 381237    | 9475.14 |       |           |       |           |         |  |  |
| <b>DISTRIBUTION OF TAXES 1907</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| <b>CITY OF GLADSTONE:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| W. C. Mather, Treasurer  |       |           |         |           |         |       |           |       | 310.57    |         |  |  |
| Improvement - Repairs Rented Houses  |       |           |         |           |         |       |           |       | 78.72     |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 389.29  |  |  |
| <b>BRAMPTON TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Furnace General Expense  |       |           |         |           |         |       |           |       | 3284.14   |         |  |  |
| Chemical General Expense No. 1   |       |           |         |           |         |       |           |       | 321.04    |         |  |  |
| Chemical General Expense No. 2   |       |           |         |           |         |       |           |       | 321.04    |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 4926.22 |  |  |
| <b>MASONVILLE TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Accounts Receivable  |       |           |         |           |         |       |           |       | 373.90    |         |  |  |
| Mathews Tract Taxes  |       |           |         |           |         |       |           |       | 907.03    |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 1280.93 |  |  |
| <b>LIMESTONE TOWNSHIP:</b>   |       |           |         |           |         |       |           |       |           |         |  |  |
| Accounts Receivable  |       |           |         |           |         |       |           |       | 35.44     |         |  |  |
| Mathews Tract Taxes  |       |           |         |           |         |       |           |       | 709.17    |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 744.61  |  |  |
| <b>MATHIAS TOWNSHIP:</b>   |       |           |         |           |         |       |           |       |           |         |  |  |
| Accounts Receivable  |       |           |         |           |         |       |           |       | 8.38      |         |  |  |
| Mathews Tract Taxes  |       |           |         |           |         |       |           |       | 1314.02   |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 1322.40 |  |  |
| <b>GARDEN TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| W. C. Mather, Treasurer  |       |           |         |           |         |       |           |       |           | 25.08   |  |  |
| <b>THOMPSON TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Accounts Receivable  |       |           |         |           |         |       |           |       | 20.84     |         |  |  |
| W. C. Mather, Treasurer  |       |           |         |           |         |       |           |       | 79.48     |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 100.32  |  |  |
| <b>INWOOD TOWNSHIP:</b>  |       |           |         |           |         |       |           |       |           |         |  |  |
| Accounts Receivable  |       |           |         |           |         |       |           |       | 73.87     |         |  |  |
| Parsons-Williams Job   |       |           |         |           |         |       |           |       | 10.14     |         |  |  |
| W. C. Mather, Treasurer  |       |           |         |           |         |       |           |       | 219.10    |         |  |  |
| <b>Total</b>   |       |           |         |           |         |       |           |       |           | 303.11  |  |  |
| <b>Grand Total</b>   |       |           |         |           |         |       |           |       |           | 9098.56 |  |  |
| <i>Note: Harrison Township in 1906 is Thompson Township in 1907</i>  |       |           |         |           |         |       |           |       |           |         |  |  |
| <i>For explanation of increase and decrease as compared with 1906 see Kennell's Annual Rep. p. 42</i>                    |       |           |         |           |         |       |           |       |           |         |  |  |
| Made by <u>GWA</u><br>Figured by <u>GWA</u><br>Copied by <u>GWA</u><br>Corrected by <u>GWA</u><br>Examined by <u>GWA</u> |       |           |         |           |         |       |           |       |           |         |  |  |

# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

## COMPARATIVE STATEMENT OF GENERAL EXPENSE

|                             | YEAR                  |                 |
|-----------------------------|-----------------------|-----------------|
|                             | 1907                  | 1906            |
| Manager's Man               | 323.41 <sup>13</sup>  | 227.50          |
| Salaries                    | 10636.75 <sup>1</sup> | 9266.50         |
| Donations                   | 45.00 <sup>10</sup>   | 12.95           |
| Petty Office Expense        | 12.05 <sup>5</sup>    | 20.81           |
| Stationery & Printing       | 499.96 <sup>2</sup>   | 433.15          |
| Telephone & Telegrams       | 684.75 <sup>6</sup>   | 551.60          |
| Stable                      | 891.29 <sup>13</sup>  | 691.52          |
| Exchange                    | 143.00 <sup>14</sup>  | 141.45          |
| Freight & Express           | 38.99 <sup>5</sup>    | 31.27           |
| Traveling                   | 795.00 <sup>9</sup>   | 930.17          |
| Postage                     | 118.81 <sup>3</sup>   | 120.79          |
| Livery                      | 128.55 <sup>5</sup>   | 165.75          |
| Watchman                    | 795.15 <sup>1</sup>   | 97.72           |
| Inventory                   | 64.89 <sup>5</sup>    | 39.77           |
| Legal                       | 531.36 <sup>8</sup>   | 420.63          |
| Janitor                     | 132.00 <sup>5</sup>   | 132.00          |
| Papers & Periodicals        | 8.00 <sup>5</sup>     | 25.50           |
| Accident                    | 1.00                  | 0.00            |
| Cost Running Club           | 498.53 <sup>11</sup>  | 1377.04         |
| Garden Prizes               | 53.00 <sup>11</sup>   | 183.00          |
| Engineering                 | 244.91 <sup>17</sup>  | 153.89          |
| Entertaining                | 12.70 <sup>9</sup>    | 14.00           |
| Office Furniture & Fixtures | 0.00 <sup>4</sup>     | 156.20          |
| Political                   | 31.15 <sup>11</sup>   | 43.75           |
| Dwellings Not Rented        | 342.00 <sup>7</sup>   | 0.00            |
| Landscape Gardener          | 11.25 <sup>5</sup>    | 12.50           |
| Launch                      | 1.00 <sup>21</sup>    | 0.00            |
| <b>Total - - - - -</b>      | <b>17044.50</b>       | <b>15249.46</b> |

### CHARGED DIRECT:-

|                       |                      |        |
|-----------------------|----------------------|--------|
| Accident              | 450.00               | 104.04 |
| Dwellings Not Rented  | 96.00 <sup>7</sup>   | 0.00   |
| Traveling             | 313.30 <sup>9</sup>  | 0.00   |
| Cost Running Club     | 210.55 <sup>11</sup> | 0.00   |
| Watchman              | 0.00 <sup>1</sup>    | 85.50  |
| Stationery & Printing | 0.00 <sup>2</sup>    | 22.95  |

Grand Total General Expense 18114.35 15461.95

### DISTRIBUTION:-

|                                |          |         |
|--------------------------------|----------|---------|
| Furnace General Expense        |          |         |
| Pig Iron Cost Sheet            | 11058.65 | 9926.10 |
| Chemical General Expense No. 1 |          |         |
| Alcohol Cost Sheet No. 1       | 2912.11  | 2075.90 |
| Chemical General Expense No. 2 |          |         |
| Alcohol Cost Sheet No. 2       | 2050.45  | 1934.88 |
| Acetate General Expense No. 1  |          |         |
| Acetate Cost Sheet No. 1       | 1188.05  | 762.54  |
| Acetate General Expense No. 2  |          |         |
| Acetate Cost Sheet No. 2       | 905.09   | 762.53  |

Total as above - - - - - 18114.35 15461.95

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# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

## DONATIONS MADE DURING FISCAL YEAR, 1907:-

Rev. Wm. Roberts, Trenary, Mich.

Donation made towards building a church at Trenary 25.00

S. Johnson, Chairman:-

Donation to Fourth of July Celebration, Gladstone 20 00

Total ----- 45.00

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# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

## LEGAL EXPENSES, 1907.

W. P. Belden, Special Attorney & Solicitor.

|   |             |
|---|-------------|
| Salary Solicitor, Dec. 1st., 1906 to Nov. 30th., 1907 | 393.63      |
| Expenses " " " " " " "                                | 70.20       |
| Salary Special Attorney " " " " " "                   | 67.53       |
| Expenses " " " " " " "                                | <u>0.00</u> |
| Total - - - - -                                       | \$531.36 ✓  |

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# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

## COMPARATIVE COST OPERATING EMPLOYEES CLUB

|                           | YEAR                          |         |
|---------------------------|-------------------------------|---------|
|                           | 1907                          | 1906    |
| <b>General Expense:-</b>  |                               |         |
| Insurance                 | 47.50                         | 47.52   |
| Prizes                    | 0.00                          | 8.50    |
| State License             | 500.00                        | 391.69  |
| U. S. License             | 24.96                         | 24.96   |
| Freight on Supplies       | 26.19                         | 0.00    |
| Printing                  | 5.60                          | 0.00    |
| Total - - - - -           | 604.25 ✓                      | 472.67  |
| <b>Maintenance:-</b>      |                               |         |
| Sewer                     | 5.10                          | 15.03   |
| Buildings                 | 104.05                        | 96.92   |
| Furniture                 | 0.00                          | 26.41   |
| Equipment                 | 60.03                         | 16.53   |
| Total - - - - -           | 169.18 ✓                      | 154.89  |
| <b>Operating:-</b>        |                               |         |
| Caretaker                 | 694.00                        | 600.00  |
| Wood                      | 32.75                         | 15.51   |
| Ice                       | 0.00                          | 53.97   |
| Electric Lights           | 5.89 ✓                        | 0.00    |
| Total - - - - -           | 732.64 ✓                      | 669.48  |
| <b>Stock Used:-</b>       |                               |         |
| Beer                      | 1527.25                       | 497.75  |
| Pop                       | 25.80                         | 14.00   |
| Liquors                   | 424.61                        | 308.15  |
| Cigars                    | 245.79                        | 140.51  |
| Cigarettes                | 102.06                        | 23.62   |
| Tobacco                   | 37.53                         | 0.00    |
| Total - - - - -           | 2363.04 ✓                     | 984.03  |
| Depreciation of Equipment | 210.55 ✓                      |         |
| Total Expense             | 4079.66 ✓                     | 2281.07 |
| Total Receipts            | <del>3371.38</del><br>3370.58 | 907.45  |
| Net Loss                  | <del>708.28</del><br>709.08   | 1373.62 |

### Stock Account, Year, 1907

| Stock      | Inv.<br>Nov. 30th<br>1906 | Purchd.<br>During<br>1907 | Total   | Sales<br>During<br>1907 | Inv.<br>Nov.<br>30th. |
|------------|---------------------------|---------------------------|---------|-------------------------|-----------------------|
| Beer       | 10.25                     | 1520.50                   | 1530.75 | 1527.25                 | 3.50                  |
| Pop        | 2.80                      | 23.00                     | 25.80   | 25.80                   | 0.00                  |
| Liquors    | 11.20                     | 481.00                    | 492.20  | 424.61                  | 67.59                 |
| Cigars     | 19.37                     | 268.80                    | 288.17  | 245.79                  | 42.38                 |
| Cigarettes | 2.89                      | 126.52                    | 129.41  | 102.06                  | 27.35                 |
| Tobacco    | 0.00                      | 70.15                     | 70.15   | 37.53                   | 32.62                 |
| Total      | 46.51                     | 2489.97                   | 2536.48 | 2363.04                 | 173.44                |

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# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

CHARGES TO DWELLINGS NOT RENTED

YEAR, 1907.

Manager's Residence, Marquette:-

|                       |       |
|-----------------------|-------|
| Windows               | 4.05  |
| Electric Light        | 1.07  |
| Plumbing              | 9.52  |
| Doors                 | .22   |
| Painting & Decorating | 4.47  |
| General Repairs       | .92   |
| Total                 | 20.25 |

Barn Boss' House, Gladstone:-

|           |       |
|-----------|-------|
| Plumbing  | 4.35  |
| Insurance | 1.68  |
| Taxes     | 14.99 |
| Total     | 21.02 |

Founder's Cottage, Gladstone:-

|                       |       |
|-----------------------|-------|
| Painting & Decorating | 55.00 |
| General Repairs       | 3.72  |
| Insurance             | 5.04  |
| Taxes                 | 18.76 |
| Total                 | 82.52 |

Grand Total - - - - - \$ 123.79

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THE CLEVELAND-CLIFFS IRON CO.  
 FURNACE DEPARTMENT  
 MACHINE SHOP LABOR

## The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

### STATEMENT OF SHOP LABOR 1907.

#### MACHINE SHOP

| Month  | Pay Roll | Supplies | Total Debit | Total Hours | Less Hours Reeng. Tools | Net Hours Charged | Cost Per Hour |
|--------|----------|----------|-------------|-------------|-------------------------|-------------------|---------------|
| Dec.   | 638.24   | 32.23    | 670.47      | 2555        |                         | 2555              | .2624         |
| Jan.   | 557.76   | 21.03    | 578.79      | 2113        |                         | 2113              | .2739         |
| Feb'y. | 504.82   | 30.33    | 535.15      | 1908        | 83                      | 1825              | .2805         |
| March  | 432.65   | 28.06    | 460.71      | 1469        |                         | 1469              | .3136         |
| April  | 457.88   | 19.53    | 477.41      | 1747        |                         | 1747              | .2732         |
| May    | 471.43   | 29.92    | 501.35      | 1851        |                         | 1851              | .2708         |
| June   | 534.84   | 70.38    | 605.22      | 1991        |                         | 1991              | .3013         |
| July   | 543.31   | 47.65    | 595.96      | 2130        |                         | 2130              | .2798         |
| Aug.   | 599.80   | 57.78    | 657.58      | 2448        |                         | 2448              | .2686         |
| Sept.  | 692.53   | 75.75    | 768.28      | 2683        |                         | 2683              | .2845         |
| Oct.   | 641.47   | 81.42    | 722.89      | 2478        |                         | 2478              | .2901         |
| Nov.   | 516.65   | 69.34    | 585.99      | 1946        | 4                       | 1942              | .3011         |
|        | 6596.38  | 563.42   | 7159.80     | 25319       | 87                      | 25232             | .2833         |
| 1906   | 7822.05  | 388.07   | 8210.12     | 33240       | 82                      | 33258             | .2469         |

#### BLACKSMITH SHOP

|       |         |        |         |      |   |      |       |
|-------|---------|--------|---------|------|---|------|-------|
| Dec.  | 116.53  | 2.74   | 119.27  | 513  |   | 513  | .2324 |
| Jan.  | 143.32  | 17.10  | 160.42  | 630  |   | 630  | .2546 |
| Feb.  | 106.50  | 16.60  | 123.10  | 470  |   | 470  | .2619 |
| Mar.  | 120.00  | 15.00  | 135.00  | 530  |   | 530  | .2547 |
| Apl   | 117.45  | 17.91  | 135.36  | 515  |   | 515  | .2623 |
| May   | 122.85  | 4.10   | 126.95  | 540  |   | 540  | .2250 |
| June  | 121.12  | 3.60   | 124.72  | 510  |   | 510  | .2346 |
| July  | 124.56  | 8.49   | 133.05  | 513  |   | 513  | .2593 |
| Aug.  | 126.77  | 6.05   | 132.82  | 535  |   | 535  | .2482 |
| Sept. | 122.87  | 5.20   | 128.07  | 531  |   | 531  | .2411 |
| Oct.  | 134.38  | 9.00   | 143.38  | 567  |   | 567  | .2529 |
| Nov.  | 118.75  | 4.21   | 122.96  | 500  |   | 500  | .2459 |
|       | 1475.10 | 110.00 | 1585.10 | 6354 |   | 6354 | .2494 |
|       | 1505.21 | 91.04  | 1596.25 | 6935 | 4 | 6931 | .2303 |

#### CARPENTER SHOP

|       |         |  |         |       |  |       |       |
|-------|---------|--|---------|-------|--|-------|-------|
| Dec.  | 608.60  |  | 608.60  | 2659  |  | 2659  | .2288 |
| Jan.  | 708.35  |  | 708.35  | 3100  |  | 3100  | .2285 |
| Feb.  | 699.42  |  | 699.42  | 3065  |  | 3065  | .2282 |
| May   | 611.55  |  | 611.55  | 2720  |  | 2720  | .2248 |
| April | 562.99  |  | 562.99  | 2441  |  | 2441  | .2306 |
| May   | 542.92  |  | 542.92  | 2342  |  | 2342  | .2318 |
| June  | 339.30  |  | 339.30  | 1433  |  | 1433  | .2368 |
| July  | 350.42  |  | 350.42  | 1460  |  | 1460  | .2400 |
| Aug.  | 419.52  |  | 419.52  | 1685  |  | 1685  | .2490 |
| Sept. | 410.95  |  | 410.95  | 1645  |  | 1645  | .2493 |
| Oct.  | 479.64  |  | 479.64  | 1900  |  | 1900  | .2524 |
| Nov.  | 387.92  |  | 387.92  | 1515  |  | 1515  | .2560 |
|       | 6121.58 |  | 6121.58 | 25965 |  | 25965 | .2357 |
|       | 7217.57 |  | 7217.57 | 34592 |  | 34592 | .2086 |

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# The Cleveland-Cliffs Iron Co.

FURNACE DEPARTMENT.

COST OF STABLE EXPENSE FOR YEAR, 1907.

| COMMODITIES ETC.                   | Total Cost     | Cost per horse per day |             |
|------------------------------------|----------------|------------------------|-------------|
|                                    |                | 1907                   | 1906        |
| Hay                                | 744.78         | .146                   | .082        |
| Oats                               | 1834.22        | .359                   | .247        |
| Feed                               | 11.75          | .002                   | .005        |
| Straw                              | 58.84          | .011                   | .006        |
| Medicine                           | 84.79          | .017                   | .015        |
| Shoeing                            | 197.87         | .039                   | .055        |
| Repairs Wagons, Carts & Sleighs    | 258.01         | .050                   | .025        |
| Repairs Harness                    | 181.92         | .036                   | .072        |
| Gurry Combs, brushes, oil & grease | <u>16.37</u>   | <u>.003</u>            | <u>.007</u> |
| <b>T o t a l</b>                   | <b>3382.55</b> | <b>.663</b>            | <b>.516</b> |

|                        |             |     |
|------------------------|-------------|-----|
| 3 Cinder horses        | 1095 days   | 730 |
| 1 Sand & Clay horse    | 365 "       | 365 |
| 1 Breeze horse         | 365 "       | 365 |
| 1 Fuel horse           | 365 "       | 365 |
| 1 Transfer horse       | 365 "       |     |
| 2 Work horses          | 730 "       | 730 |
| 3 Driving horses       | 1095 "      | 730 |
| 2 Chemical Fuel horses | 730 "       | 180 |
|                        | <u>5110</u> |     |

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