

Cliff's Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | | 241.19 |
|----|-----------------|--------------------|--------------|--------------|
| 6 | 1/4" Elbows | .05 | .30 | |
| 14 | 3/8" " | .05 | .70 | |
| 13 | 1/2" " | .06 | .78 | |
| 2 | 3/4" " | .08 | .16 | |
| 9 | 1" " | .11 | .99 | |
| 16 | 1 1/4" " | .16 | 2.56 | |
| 7 | 1 1/2" " | .20 | 1.40 | |
| 6 | 2 1/2" " | .50 | 3.00 | |
| 4 | 3" " | .75 | 3.00 | |
| 1 | 4" " | 1.20 | 1.20 | |
| 1 | 5" " | 2.00 | 2.00 | |
| 6 | 7" " | 4.70 | 28.20 | |
| 1 | 8" " | 6.75 | 6.75 | |
| 1 | 12" " | 20.00 | <u>20.00</u> | |
| | | | 71.04 | |
| | | Less 75 & 5% | <u>54.17</u> | 16.87 |
| 3 | 3/4" 45° Elbows | .10 | .30 | |
| 1 | 1" " | .15 | .15 | |
| 2 | 2 1/2" " | .60 | 1.20 | |
| 1 | 3" " | .90 | .90 | |
| 1 | 4" " | 1.45 | 1.45 | |
| 3 | 5" " | 2.50 | 7.50 | |
| 1 | 8" " | 8.50 | <u>8.50</u> | |
| | | | 20.00 | |
| | | Less 75 & 5% | <u>15.25</u> | 4.75 |
| 3 | 1/4" Plugs | .02 | .06 | |
| 6 | 3/8" " | .02 | .12 | |
| 31 | 3/4" " | .03 | .93 | |
| 4 | 1" " | .04 | .16 | |
| 19 | 1 1/4" " | .05 | .95 | |
| 11 | 1 1/2" " | .07 | <u>.77</u> | |
| | | Plugs For'd | 2.99 | |
| | | Total | 16 | <u>21.62</u> |
| | | Forward | | 262.81 |

MACHINERY SUPPLIES (CONTINUED).

| | | | | |
|----|-----------------|------------------|--------------------|--------------|
| | | | Amount Bro't For'd | 262.81 |
| | Plugs For'd | | 2.99 | |
| 11 | 2" Plugs | | .10 | 1.10 |
| 7 | 2 1/2" " | | .18 | 1.26 |
| 12 | 3" " | | .25 | 3.00 |
| 6 | 5" " | | .88 | 5.28 |
| 3 | 6" " | | 1.20 | 3.60 |
| 1 | 10" " | | 3.75 | 3.75 |
| 1 | 12" " | | 4.25 | <u>4.25</u> |
| | | | | 25.23 |
| | | Less 75, 10 & 5% | <u>19.83</u> | 5.40 |
| 2 | 1/4" Nipples | | .05 | .10 |
| 5 | 3/8" " | | .06 | .30 |
| 2 | 1/2" " | | .07 | .14 |
| 18 | 3/4" " | | .08 | 1.44 |
| 6 | 1" " | | .10 | .60 |
| 14 | 1 1/4" " | | .14 | 1.96 |
| 15 | 1 1/2" " | | .17 | 2.55 |
| 9 | 2" " | | .26 | 2.34 |
| 6 | 2 1/2" " | | .41 | 2.46 |
| 17 | 3" " | | .52 | 8.84 |
| 4 | 4" " | | .80 | 3.20 |
| 15 | 5" " Short | | 1.42 | 21.30 |
| 1 | 5" " Long | | 1.80 | 1.80 |
| 13 | 6" " Short | | 1.77 | 23.01 |
| 5 | 7" " Short | | 2.15 | <u>10.75</u> |
| | | | | 80.79 |
| | | Less 80% | <u>64.63</u> | 16.16 |
| 2 | 10" Nipples Old | 1.25 Net | | 2.50 |
| 1 | 12" " | | | <u>1.50</u> |
| | | | | 25.56 |
| | Forward | | | 288.37 |

MACHINERY SUPPLIES (CONTINUED).

| | | | Amount Bro't For'd | 288.37 |
|----|----------------------|--------|--------------------|---------------------------------|
| 7 | 1/4" | Tees | .07 | .49 |
| 44 | 3/8" | " | .08 | 3.52 |
| 96 | 1/2" | " | .09 | 8.64 |
| 69 | 3/4" | " | .13 | 8.97 |
| 8 | 1" | " | .20 | 1.60 |
| 10 | 1 1/4" | " | .23 | 2.30 |
| 1 | 1 1/2" | " | .29 | .29 |
| 2 | 2 1/2" | " | .67 | 1.34 |
| 2 | 6" | " | 4.00 | 8.00 |
| 11 | 5" | " | 2.80 | <u>30.80</u> |
| | | | | 65.95 |
| | | | Less 75 & 5% | <u>50.28</u> 15.67 |
| 1 | 2 1/2" x 2" x 3" | Tees | 1.25 | 1.25 |
| 1 | 2 1/2" x 2" x 2 1/2" | Tee | .83 | .83 |
| 5 | 6" x 4" x 4" | " | 4.60 | 23.00 |
| 1 | 6" x 8" x 6" | " | 11.25 | 11.25 |
| 2 | 12" x 4" x 4" | " | 33.50 | <u>67.00</u> |
| | | | | 103.33 |
| | | | Less 75% | <u>77.49</u> 25.84 |
| 10 | 1/4" | Unions | .18 | 1.80 |
| 24 | 3/8" | " | .20 | 4.80 |
| 27 | 1/2" | " | .22 | 5.94 |
| 3 | 3/4" | " | .27 | .81 |
| 9 | 1" | " | .33 | 2.97 |
| 10 | 1 1/4" | " | .46 | 4.60 |
| 3 | 1 1/2" | " | .60 | 1.80 |
| 14 | 2 1/2" | " | 1.50 | 21.00 |
| 5 | 3" | " | 2.10 | <u>10.50</u> |
| | | | | 54.22 |
| | | | Less 80% | <u>43.38</u> <u>10.84</u> 52.35 |
| | | | Amount For'd | 340.72 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | 340.72 |
|----|-------------------------|--------------------|---------------|
| 5 | 1" Caps | .12 | .60 |
| | Less 75 & 5% | <u>.46</u> | .14 |
| 2 | 1" Return Bends | .22 | .44 |
| | Lessn 75 & 5% | <u>.34</u> | .10 |
| 40 | 3/4" Flanges | .46 | 18.40 |
| 3 | 1" " | .52 | 1.56 |
| 48 | 1 1/4" " | .64 | 30.72 |
| 37 | 1 1/2" " | .78 | 28.86 |
| 16 | 2 1/2" " | 1.25 | 20.00 |
| 4 | 3" " | 1.50 | 6.00 |
| 18 | 5" " | 3.15 | 56.70 |
| 2 | 7" " | 5.50 | 11.00 |
| 7 | 12" " | 16.00 | <u>112.00</u> |
| | | | 285.24 |
| | Less 75 & 10% | <u>221.06</u> | 64.18 |
| 12 | 3/8" Brass Globe Valves | .77 | 9.24 |
| 1 | 1/2" " | 1.00 | 1.00 |
| 4 | 3/4" " | 1.26 | 5.04 |
| 3 | 1" " | 1.80 | 5.40 |
| 8 | 1 1/4" " | 2.52 | 20.16 |
| 11 | 1 1/2" " | 3.50 | <u>38.50</u> |
| | | | 79.34 |
| | Less 60 & 10% | <u>50.77</u> | 28.57 |
| 1 | 1/2" Brass Angle Valves | 1.00 | 1.00 |
| 7 | 3/4" " | 1.26 | 8.82 |
| 4 | 1" " | 1.80 | 7.20 |
| 5 | 1 1/2" " | 3.50 | 17.50 |
| 3 | 2" " | 5.30 | <u>15.90</u> |
| | | | 50.42 |
| | Less 60 & 10% | <u>32.27</u> | 18.15 111.14 |
| | Amount For'd | | 451.86 |

Cliffs Shaft Mine

MACHINERY SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | 451.86 |
|----|--------------------------------|--------------------|-------------------------|
| 2 | 1 1/4" Gate Valves, Brass | 3.50 | 7.00 |
| 3 | 1 1/2" " | 5.00 | 15.00 |
| 1 | 2" " | 7.50 | <u>7.50</u> |
| | | | 29.60 |
| | Less 75% | | <u>22.12</u> 7.38 |
| 5 | 2 1/2" Iron B. Globe Valves | 7.35 | 36.75 |
| 4 | 3" " | 9.60 | 38.40 |
| 1 | 4" " | 21.00 | <u>21.00</u> |
| | | | 96.15 |
| | Less 75 & 10% | | <u>74.51</u> 21.64 |
| 2 | 2 1/2" Ludlow Gate Valves | 4.87 | Net 9.74 |
| 3 | 3/4" Hor. Brass Check Valves | 1.15 | 3.45 |
| 3 | 1" Ludlow Check Valves | 1.16 | 3.48 |
| 10 | 1 1/4" Hor. Brass Check Valves | | |
| | | 2.25 | 22.50 |
| 2 | 1 1/2" " | 3.15 | 6.30 |
| 1 | 2" " | 4.75 | <u>4.75</u> |
| | | | 37.00 |
| | Less 75% | | <u>27.75</u> 9.25 |
| 2 | 1" Brass Stop Cocks | 2.35 | 4.70 |
| 3 | 1 1/4" " | 3.70 | 11.10 |
| 3 | 1 1/2" " | 4.85 | 14.55 |
| 3 | 2" " | 7.30 | <u>21.90</u> |
| | | | 52.25 |
| | Less 75 & 10% | | <u>40.50</u> 11.75 |
| 7 | 3/8" Pet Cocks | .50 | 3.50 |
| 5 | 1/4" " | .40 | 2.00 |
| 20 | 1/2" " | .60 | <u>12.00</u> |
| | | | 17.50 |
| | Less 75% | | <u>13.13</u> 4.37 67.61 |
| | Amount For'd | | 519.47 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | |
|------|-----------------------------------|---------------------|----------------|
| | | | 519.47 |
| 1 | 5" Wind Bore Iron | 2.25 | 2.25 |
| 2 | 6" " | 2.50 | 5.00 |
| 1 | 1 1/4" " | | |
| 1 | 3" " | | |
| 1 | 4" " | | |
| 1 | 8" " | | |
| 2 | 12" x 40" Beams 17' Long 1360# | 2.90 Plus Frt. 3.92 | 43.36 |
| 1 | Roll 274# | | 6.58 |
| 1 | 38 Tooth Pinion 4" P. 13" Face | 256.00 Plus 12.60 | 268.60 |
| 1 | Iron Gear Wheel Rim in Segments | | 773.06 |
| 1 | Commutator for Dynamo | | 35.00 |
| 1 | 8' Bicycle Sheave | | 65.00 |
| 1 | 7' " | | 35.00 |
| 186' | Split Pipe Covering 2 1/2" | .22 Plus Frt. | 44.52 |
| 1 | 18" Spoke Sheave | | 2.50 |
| 3 | 18" Spiral Springs | 3.25 | 9.75 |
| 2 | 12" " | 1.50 | 3.00 |
| 5 | 8" Crusher Springs | .75 | 3.75 |
| 2 | 9" Dia. " | 1.75 | 3.50 |
| 1 | 12" Emery Wheel | | 2.00 |
| 1 | Water Column | | 11.15 |
| 2 | Flue Cleaners | 1.00 | 2.00 |
| 1 | Gear Wheel for Sample Crusher | | <u>1.40</u> |
| | Total | | <u>1317.42</u> |
| | Amount For 'd | | 1836.89 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | 1836.89 |
|--|--------------------|------------|
| 2 18" Spoke Sheaves | 2.50 | 5.00 |
| 5 15" Solid Sheaves | 3.00 | 15.00 |
| 4 Manganese SteelWheels 16" | 7.65 | 30.60 |
| 1 Plunger Pole at H.O. Shop 1775# | 2.75 | 48.81 |
| 2 Fire Door Liners 74# | | |
| Grate Bars 1404 | | |
| 3 Big Liners 1047 | | |
| 2 Small Liners 399 | | |
| 1 Side Casting Corliss 87 | | |
| 10 12"x3" Mine Car Wheels 820 | | |
| 1 14"x3 1/2" " | 72 | |
| 1 Self Oiling 12"x3" | 60 | |
| 2 Prescott 14"x3" wheels 175 | | |
| 10 Dump Axle Boxes 80 | | |
| 3 Hand Hole Crabs 14 | | |
| | 4232# 2.40 | 101.56 |
| 1 2" Inspirator | | 2.50 |
| 1 New Spool and Base | | 2.10 |
| 2 Cylinder Heads (Hodge Det.) | | 79.55 |
| 5 36" Sheaves for Hoisting Rope 1340# | 2.75 | 36.85 |
| Car Wheel Caps for Self Oiler 260# | 2.75 | 7.15 |
| 1 1/2 Bbls. Cement | 1.20 | 1.80 |
| 10 Holme's Fire Bricks | 30.00 | .30 |
| 5 5/8 x 14 W.G. Glasses | .12 | .60 |
| 4 3/4 x 16 " | .12 1/2 | .50 |
| 1 Doz. " Gascets | | .10 332.42 |
| Forward | | 2169.31 |

Cliffs Shaft Mine

MACHINERY SUPPLIES (CONTINUED).

| | Amount Bro't For'd | 2169.31 |
|----------------------------|--------------------|---------------|
| 1 Piston #3 1/4 | | 12.00 |
| 5 3 1/4 Front Leg Castings | 2.60 | 13.00 |
| 4 Lea Baskings | .40 | 1.60 |
| 3 Rockers | 5.20 | 15.60 |
| 5 Chuck Keys | .50 | 2.50 |
| 2 Cast Cross Heads | 1.10 | 2.20 |
| 7 Feed Screws | 3.00 | 21.00 |
| 7 Lower Heads | 4.60 | 32.20 |
| 2 H.B.Adj. | 2.70 | 5.40 |
| 2 Lower Head Rings | 3.00 | 6.00 |
| 5 Spanners | 1.25 | 6.25 |
| 2 Steel Piston Forgings | 5.00 | 10.00 |
| 6 Extension Legs | .70 | 4.20 |
| 12 Pawls | .25 | 3.00 |
| 7 1/2# Copper Rod | .30 | 2.25 |
| | | <u>137.20</u> |
| | Forward | 2306.51 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | 2306.51 |
|-------------------------------|--------------------|---------------------|
| 3# Garlock Packing | .75 | 2.25 |
| 80# Empire Packing | .21 | 16.80 |
| 320# Hard Rubber Packing | .45 | 144.00 |
| 20# 1/8" Sheet Rubber Packing | .15 | 3.00 |
| 101# 1/16" " " " | .15 | 15.15 |
| 125# 1/8" Rainbow P acking | .45 | 56.25 |
| 32# 3/4" Eureka " | .40 | 12.80 |
| 4# Asbestos Wicking | .22 | .88 |
| 13# 5/8" Asbestos Packing | .75 | 9.75 |
| 6# 5/8" Eclipse Gasvets | .75 | 4.50 |
| 10# Asst. Eureka Packing | .40 | 4.00 |
| 188# Vulcanite Fibre | .50 | 94.00 |
| 40# Rubber Pump Valves | .75 | 30.00 |
| 3 Cylinder Buffers | .50 | 1.50 |
| 38# Iron Pump Valves | 2.40 | <u>.91</u> |
| | | 395.79 |
| | Less 15% | <u>59.37</u> 336.42 |
| 144' 3" Pipe Covering | .36 | 51.84 |
| 24' 2" " | .27 | 6.48 |
| 18' 5" " | .50 | 9.00 |
| 9' 1" " | .23 | 2.07 |
| 21' 2 1/2" " | .31 | 6.51 |
| 3' 4" " | .44 | 1.32 |
| 3' 6" " | .58 | <u>1.74</u> |
| | | 78.96 |
| | Less 60 & 10% | <u>50.54</u> 28.42 |
| 1 36" Spoke Sheave at Foster | | 4.00 |
| 7# Brass Tubing | .25 | 1.75 |
| 50' Red Jacket Hose | .33 | 16.50 |
| 50' Blue Jacket Hose I.E.S. | .35 | <u>17.50</u> 35.75 |
| | Total For'd | 2711.10 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro'd | For'd | 2711.10 |
|------------------------------|--------------|-------|---------------|
| Cold Chill Shell Slides 667# | .02 | | 13.34 |
| Falk Castings 353# | .12 | | 42.36 |
| Pawl Spring Steel 4# | .40 | | 1.60 |
| 16 Set Screws | .24 | | 3.84 |
| 3 Ratchet Boxes | 4.75 | | 14.25 |
| 3 Upper Heads Regular | 2.60 | | 7.80 |
| 20 Chuck Bush 3/4 Finished | 1.80 | | 36.00 |
| 7 Rotating Nuts | 2.40 | | 16.80 |
| 5 Cross Heads | .60 | | 3.00 |
| 14 Pawl Bolts | .20 | | 2.80 |
| 9 Piston Packing Rings | 1.28 | | 11.52 |
| 16 Rocker Pins | .30 | | 4.80 |
| 1 Rotating Bar | | | 5.60 |
| 1 3 1/4 Piston | | | 12.00 |
| 3 3 1/4 " 1/2 Finished | 6.00 | | 18.00 |
| 2 Rockers | 5.20 | | 10.40 |
| 4 Ratchets | 3.80 | | 15.20 |
| 2 Cylinders #3 1/4 New | 17.20 | | 34.40 |
| 2 Valve Seats | 5.20 | | 10.40 |
| 2 Air Chests | 4.05 | | 8.10 |
| 9 Hook Bolt Regular | 2.70 | | 24.30 |
| 2 Rear Leg Castings | 4.10 | | 8.20 |
| 5 Spool Pins | .75 | | 3.75 |
| 2 3 1/4 Chucks | 3.90 | | 7.80 |
| 38 Chuck Bolts | .43 | | 16.34 |
| 6 Pipe Legs | .80 | | 4.80 |
| 6 Standards | 1.25 | | 7.50 |
| 9 Side Rods | .30 | | 2.70 |
| 21 Trip Bolts | .50 | | 10.50 |
| 2 Valve Seats | 5.20 | | 10.40 |
| 28 Leg Sleeves | .70 | | 19.60 |
| | | | <u>388.10</u> |

25 Total For'd

3099.20

Cliffs Shaft Mine.

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | 3099.20 |
|------------------------------|--------------------|-------------|
| 7 Cylinder Buffers | .50 | 3.50 |
| 9 Leg Flanges | 2.40 | 21.60 |
| 22 Air Chest Studs | .10 | 2.20 |
| 7 Feed Nuts | 3.00 | 21.00 |
| 3 14" Toggles Hodge 657# | | |
| 1 14 1/2" " | 194 | |
| 1 16" " | 348 | |
| 2 18" " | 750 | |
| 1 15" " | 269 | |
| 1 16" " | <u>348</u> | |
| | 2566# | .03 |
| | | 76.98 |
| 2 14" " Holley 598# | | |
| 1 14" " | 299) | |
| |)Gratis | |
| 1 15" " | 313) | |
| 1 15 1/2" " | 329# | |
| 1 18" " | <u>374</u> | |
| | 1301# | .03 |
| | | 39.03 |
| 1 14" " Hodge 269 | | |
| 1 17 1/2" " | 355 | |
| 2 18" " | 746 | |
| 1 16 1/2" " | <u>345</u> | |
| | 1715# | .03 |
| | | 51.45 |
| 1 Tail Block 400# | .24 | 9.60 |
| Manganese Steel | | |
| 6 Side Plates Holley 1480# | .104 | 153.92 |
| 12 " Hodge 1744 | .104 | 181.37 |
| 6 " " 412 | .12 1/2 | 51.50 |
| 1 Iron Side Plate " 58 | .03 | 1.74 |
| 3 " Holley 1071 | .03 | 32.13 |
| 3 Steel Toggle Strips 380# | .05 | 44.00 |
| Labor on 4 of Same | | 17.20 |
| 2 Iron Tog Strips Hodge 220# | 3.93 | 8.64 |
| 1 " " 90# | 3.93 | <u>3.54</u> |
| | | 719.40 |
| 26 Total For'd | | 3818.60 |

Cliffs Shaft Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | 3818.60 |
|-----|------------------------------|--------------------|---------------|
| 9 | Toggle Bearings Holley 2458# | .06 | 147.48 |
| 1 | Iron Jaw Plate | 2695# | 80.85 |
| 1 | " | 2270# | 62.42 |
| 1 | Mang. Steel Face Plate | | |
| | Holley 1720# | .09 | 154.80 |
| 1 | " | Hodge | Gratis |
| | Freight | | 20.30 |
| 1 | Iron Face Holley 1912# | | 52.58 |
| 1 | Iron Jaw Hodge 1894# | | 75.76 |
| 66' | 12" x Heavy Dbl. Belt | 1.75 | <u>115.50</u> |
| | Total | | <u>709.69</u> |
| | Total Machinery Supplies | | 4528.29 |

Cliffs Shaft Mine.

BUILDING MATERIAL.

| | | | |
|--------|------------------------------|-------|--------|
| 5 | Pcs. Pump Rods to Sq. 12x12 | 9.35 | 46.75 |
| 1 | Roll Building Paper | | .75 |
| 4 | Padlocks | .45 | 1.80 |
| 1 | Roll Tin | | 3.20 |
| 2 | Bdls. Shingles | 2.75 | 5.50 |
| 41 | Gals. Raw Linseed | .78 | 31.98 |
| | 1/2 Bbl. Roof Paint | | 15.23 |
| 2 | 1/2 Bbl. Lime | 1.00 | 2.50 |
| 250 | Common Brick | 10.00 | 2.50 |
| 2 | Telegraph Poles | .35 | .70 |
| 5 | Sheets Corrugated Roofing | .78 | 3.90 |
| 2 | Old Panel Doors | 1.00 | 2.00 |
| | Fencing from L. S. & I. | | 3.48 |
| 12 | 12 x 14 Glass | .18 | 2.16 |
| 8 | 14 x 22 " | .30 | 2.10 |
| 1 | 14 x 19 " | .22 | .22 |
| 2 | 9 x 12 " | .10 | .20 |
| 24 | 9 x 15 " | .14 | 3.36 |
| 14000' | 3" Michigamme Hemlock | 10.00 | 140.00 |
| 6738' | 3" Hemlock | 11.50 | 77.48 |
| 288' | 3" " | 11.50 | 3.31 |
| 2700' | 2" " | 11.50 | 31.05 |
| 390' | 2 x 10 x 16 Hemlock Lumber | 11.50 | 4.48 |
| 608' | 2 x 6 x 16 " " | 11.50 | 6.99 |
| 160' | 8 x 10 x 14 " " | 11.50 | 1.84 |
| 128' | 4 x 8 x 16 " " | 11.50 | 1.47 |
| 454' | 2 x 10 x 16 " " | 16.00 | 7.26 |
| 384' | 6 x 8 x 16 " " | 12.50 | 4.80 |
| 6 | Pcs. 10 x 12 x 20 1200' Pine | 18.75 | 22.50 |
| 1 | Pc. 10 x 12 x 18 180' " | 17.75 | 3.20 |
| | 280' Pine Flooring | 30.00 | 8.40 |
| 36' | 2" Oak | 34.00 | 1.22 |
| 25' | 3" Oak | 34.00 | .85 |
| 140' | 4" Oak | 33.50 | 4.69 |
| | Total For'd | | 447.87 |

Cliffs Shaft Mine.

BUILDING MATERIALS (CONTINUED).

| | | Amount Bro't For'd | | 447.87 |
|-------------------------|----------------------|--------------------|--------------|---------------|
| 719' | 4" Car Oak | 34.00 | 24.45 | |
| 492' | 4" Oak | 33.50 | 16.48 | |
| 248' | Oak Marchouse | 33.50 | 8.31 | |
| 325' | 6 x 10 x 16 Oak | 33.50 | 10.88 | |
| 480' | 6 x 8 x 16 Hemlock | 12.50 | 6.00 | |
| 1918' | 1 1/4" Maple | | | |
| 166' | 2" " | | | |
| 1770' | 5 x 5 " | | | |
| <u>520'</u> | <u>6 x 8 " 4374'</u> | <u>16.75</u> | <u>73.26</u> | |
| 75' | 2" " Flooring | 30.00 | 2.25 | |
| 432' | Fir Timber | 23.50 | <u>10.15</u> | <u>151.78</u> |
| Total Building Material | | | | 599.65 |

EXPLOSIVES.

| | | | | |
|------------------|--------------|-------|--------------|--------|
| 8700' | Fuse | 4.33 | 37.67 | |
| 900' | Caps | 6.00 | 5.40 | |
| 700 | Exploders | 30.00 | 21.00 | |
| 24# | Wire | .30 | 7.20 | |
| 11 | Boxes Powder | 6.00 | <u>66.00</u> | |
| Total Explosives | | | | 137.27 |

MINE TIMBER.

| | | | | |
|-------------------|---------------------------|---------|-------|-------------|
| 2 | Pcs. Shaft Timber 9x12x12 | 216' | 17.00 | 3.67 |
| 2 | Pcs " " 9x12x16 | 288' | 17.00 | 4.90 |
| 3300' | Ties | .02 3/4 | | 90.75 |
| 14850 | Poles | .01 | | 148.50 |
| 12 | Pcs. Pine Stulls 32' Long | .111 | | 42.62 |
| 1 | Pc. " " 12' " | .111 | | 1.33 |
| 6 | Pcs. Tam " 16' " | .065 | | <u>6.24</u> |
| Total Mine Timber | | | | 298.01 |

Cliffs Shaft Mine

F B B L .

| | | | |
|------|-----------------|------|----------|
| 4585 | Tons Steam Coal | 2.93 | 13433.91 |
|------|-----------------|------|----------|

B A R N .

| | | | |
|------|--------------|------|-------------|
| 6# | Nails | .18 | 1.08 |
| 656# | Horse Shoes | 4.25 | 27.88 |
| 66# | Skuns | .03 | 1.98 |
| 23 | Fellows | .22 | 5.06 |
| 1 | Rim | | .25 |
| 56 | Wagon Spokes | .06 | 3.90 |
| 1 | Hand Sleigh | | .25 |
| 3 | Hubs | .70 | <u>2.10</u> |
| | Total Barn | | 42.50 |

Cliffs Shaft Mine

ANTIQUATED SUPPLIES.

| | | | |
|----|------------------|-----|-------|
| 12 | Sand Pumps | .25 | 3.00 |
| 40 | Pairs B.S. Tongs | | 30.00 |
| 34 | Anvil Tools | | 8.50 |
| 1 | Old Vise | | 7.00 |
| 7 | Scrapers | .15 | 1.05 |
| 1 | Base Burner | | 1.00 |
| 1 | Soft Coal Stove | | .50 |
| 7 | Gasoline Torches | | 11.08 |

IRON AND STEEL.

| | | | |
|-------|-------------------|--|-------|
| 1440# | Bolt Ends | | 14.40 |
| 215# | 3/8" 1/2 Rod Iron | | 2.15 |
| 65# | 2 x 3/4 Iron | | .65 |
| 1144# | 4 x 2 Iron | | 11.44 |
| 645# | 3 x 2 Iron | | 6.45 |

MACHINERY SUPPLIES.

| | | | |
|------|----------------------|-----------|-------|
| 11' | 3" Galv. Spiral Pipe | | 1.73 |
| 34' | 3" " | | 10.66 |
| 31' | 4" Black Pipe Old | | 8.97 |
| 105' | 3" Galv. Spiral Pipe | | |
| 1 | 3" Boiler 14' | | 1.68 |
| 1 | 4" " 7' | | .84 |
| 9 | 3 1/2" Unions | .73 Net | 6.57 |
| 18 | 3 1/2" Flanges | | |
| 12 | 3 1/2" Nipples | .10 Net | 1.20 |
| 1 | 3 1/2" Tee | | |
| 3# | Rand Drill Settings | | |
| | " " Shells | 375# 2.40 | 9.00 |
| | Steel Bushings | 770# 2.40 | 18.48 |
| | Brass Rotating Nuts | 22# .27 | 5.94 |
| 1 | Piston | | 10.50 |

Total Amount For'd 173.51

Cliffs Shaft Mine

A N T I Q U A T E D S U P P L I E S (CONTINUED).

| | | | |
|---------------------------|-------------|------|---------------|
| Amount Bro't For'd | | | 173.51 |
| Cylinder Castings | 230# | | |
| Air Chests | 10 | | |
| Valve Seats | 10 | | |
| Cylinders | 84 | | |
| Slide Valves | 6 | | |
| Air Chests | 17 | | |
| Buffer Yokes | 6 | | |
| Valve Seats | 54 | | |
| Upper Heads | 41 | | |
| Ratchet Boxes | <u>810#</u> | 2.40 | 16.03 |
| #3 Tripod Weights | 2750# | | |
| Wheelbarrow Wheels | 1021 | | |
| " Boxes | 165 | | |
| 2m Rear Skip Wheels | <u>330</u> | | |
| | 4266# | 2.40 | <u>102.38</u> |
| Total Antiquated Supplies | | | 291.92 |

S C R A P .

| | | | |
|--------|----------------------------|------|--------------|
| 28840# | Cast Scrap | 8.00 | 103.00 |
| 4220# | Wrought Scrap | 8.00 | 15.07 |
| 285# | Scrap Brass Springs | .08 | 22.80 |
| 719# | " " | .10 | 71.90 |
| 295# | " " Valves & ComP Fittings | .08 | <u>23.60</u> |

Total Scrap 32 236.37

Cliffs Shaft Mine

M I N E E Q U I P M E N T .

DIAMOND DRILLS.

| | | | | |
|----|------------------------|--------------|--------|-------|
| 1 | 1-1/2" Core Barrel | 3' Long | 5.90 | |
| 1 | 1-5/8" Core Barrel | 3' Long | 5.90 | |
| | 7-1/2' 2" Casting Pipe | | .89 | |
| 9 | 1-3/4" Blank Bitts | | 2.67 | |
| 1 | Safety Clamp | Cleveland | 6.24 | |
| 1 | 12" Sheave | | 1.18 | |
| 2 | 4" Clamps | | .59 | |
| 2 | 6" Clamps | | .70 | |
| 1 | #1 Cameron Pump | in Mine | 29.52 | |
| 1 | #2 Cameron Pump | in Mine | 29.52 | |
| 1 | #4 Vise | B. S. Office | 2.63 | |
| 1 | Hoisting Clamp | | .14 | |
| 11 | Core Lifters | | 24.06 | |
| | | | 109.94 | |
| | Less 100% | | 109.94 | 00.00 |
| | (90% in 1900) | | | |

Record.

2# 4-3/4" Diamond Drills
1 Small Diamond Drill
1 Locomotive Boiler on Wheels-- Pioneer Repaired April 30, 1901.
Repairs cost \$172.23
296' 1-5/8" Drill Rods -- at Cleveland
165' 1-5/8" Drill Rods
335' 1-5/16" Drill Rods
3-1/2' 2" Casting pipe

Cliffs Shaft Mine.

MINE EQUIPMENT

Diamond Drills

Record (Continued)

- 5 1 3-4" Blank Bitts
- 4 1 15-16 Core Barrels
- 2 Core Lifters
- 3 Core Lifters Couplings
- 10 Core Lifters Couplings
- 12 Core Lifters Springs
- 1 Feed Screw
- 4 Gear Wheels
- 1 Diamond Drill Frame Wheels and Axles Scrap

POWER DRILLS

| | | | |
|--|--------------------|------------|------------------------------|
| 10 No. 3 1-4 Rand Drills and Tripods | | | |
| New, 1898 - \$320.00 | Less 20% | --\$256.00 | |
| | Freight | 6.34 | - \$26234 2623.40 |
| 6 No. 3 14 Rand Drills and Tripods- New 1899. | | | |
| from Hard Ore in exchange for 6 new, 1898 #3 | | | |
| Drills, Prem. for exchange - 79.62 -1898 price | | | |
| \$243.58 each plus \$13.27 | + | \$256.85 | 1541.00 |
| 15 No. 3 1-4 Rand Drills and Tripods, New Oct., 1899 | | | |
| from factory | | \$3375.00 | |
| | Freight | 96.12 | 3471.12 |
| 1 No. 3 Rand Drill built in Cliffs Shaft Shops | | | |
| in 1899 | | | 114.08 |
| | Total | | 7749.70 |
| | Less (60% | | 4649.82 |
| (40% in 1900.) | | | 3099.88 |
| | (40% in 1900) | | |
| 14 Old #3 Rand Drills And Tripods (\$25.00 in 1899) | | | 140.00 |
| (10.00 in 1900) | | | |
| | Less 100 % | | 140.00 |
| | | | 00.00 |
| 1 Bullock Drill and Tripod | | | |
| 1 Bullock Drill Monarch | | | |
| 1 No 13 Rand Slugger, no shell or tripod | | | |
| | Total Power Drills | | 3099.88 |

Cliffs Shaft Mine.

M I N E E Q U I P M E N T. (Continued.)

CARS, SKIPS & DERRICKS.

| | | | | |
|----|--|------------------|--------|--|
| 40 | 2 1-4 Ton Wood Tram Cars | Mine | 944.80 | |
| 1 | 1 1/2-2 Ton Wood Tram Cars | Coal | 2.95 | |
| 3 | Platform Cages | | 177.15 | |
| 2 | 3-4 Ton Buckets | Salisbury Mine | 10.63 | |
| 3 | 1-2 Ton Buckets | Mine | 10.63 | |
| 1 | 1 Ton Buckets | Foster | 17.71 | |
| 1 | 2 Ton Skip | Old Barnum-Scrap | | |
| 6 | Wooden Tram Cars | | 70.86 | |
| 1 | 1-2 Ton Tram Cars | Mine | 11.81 | |
| 1 | Small Derrick with sheaves and guys - Foster | | 118.1 | |
| 1 | 10" Shaeaves | | .66 | |
| 10 | Rollers | | .66 | |
| 2 | Timber Trolleys | | 2.63 | |
| 1 | 8" Sheave | | .50 | |
| 2 | Small Buckets | Yard | 4.13 | |
| 2 | 1-2 Ton Buckets | Yard | 4.72 | |
| 1 | 1/2 Ton Iron Tram Car | Mine | | |

1271.65

Less 95%

1208.07

63.58

(90% in 1900.)

Cars Built in 1898.

| | | | | |
|---|---|----------|---------------|-------|
| 4 | Tram Cars | Crusher | 788.92 | |
| 2 | Iron Tram Cars | Mine | 116.80 | |
| 1 | Transfer " | | 51.85 | |
| 1 | Self Dumping Car Bought from Foster, 1899 | | 55.80 | |
| 4 | Underground Tram Cars | | <u>77.67</u> | |
| | | Total | 1091.04 | |
| | | Less 90% | <u>981.94</u> | 109.0 |

(70% in 1900)

Cars Built in 1899.

2 Side Dump Iron Tram Cars

charged to Underground Tracks & Cars

Total Cars, Skips & Derricks

172.68

Cliffs Shaft Mine

M I N E E Q U I P M E N T (CONTINUED).

PORTABLE MACHINERY.

| | | | | |
|---|---|-------------|---------|--------|
| 2 | #5 Knowles Pump in | Mine | 177.15 | |
| 1 | #8 " | Salisbury | 162.39 | |
| 1 | #8 " | H. O. Shops | 162.39 | |
| 1 | #10 " | Moro | 236.20 | |
| 1 | #6 " | H. O. Mine | 88.57 | |
| 1 | #5 " | Salisbury | 73.82 | |
| 1 | Special #5 Cameron Pump #4212 | Yard | 163.02 | |
| 1 | Duplex Worthington Pump 14 x 16 x 16 | B. Shaft | 236.20 | |
| 1 | Duplex Worthington Pump 4 x 4-1/2 x 4 | C. Shaft | 29.52 | |
| 1 | Winzi Hoist | Maas Mine | 88.58 | |
| 1 | Iron Water Boiler | | 50.00 | |
| 1 | 16 x 24 Hodge Engine Cost for Repairs H. O. Shops 1896 | | 91.13 | |
| 1 | #5 Cameron Pump | Salisbury | 165.00 | |
| 1 | 6 x 4 x 6 Duplex Worthington | Michigamme | 115.00 | |
| | | | 1839.97 | |
| | Less 100% | | 1839.97 | 00.00 |
| | (90% in 1900) | | | |
| 1 | Lidgerwood Hoist #34 Db/. | | | |
| | Cylinder 6-1/4 x 8 Friction Drums | | | |
| | with Foot Brakes 443.25 Frt. at Maas | | 14.50 | |
| | | | 457.75 | |
| | Less 50% | | 228.87 | 228.88 |
| | (20% in 1900) | | | |
| | Total Portable Machinery | | | 228.88 |

Cliffs Shaft Mine.

Mine Equipment, Continued.

Barn Horses .

| | | | | | |
|---|-------------|--------|------------------------|---------------|--------|
| 1 | Black horse | 1430# | at Lake | 150.00 | |
| 1 | Bay " | 1430# | " | 150.00 | |
| 1 | Bay " | "Mack" | 1-2 cost Agent's | 125.00 | |
| 1 | Bay " | "Dan" | 1-2 cost " | 125.00 | |
| 1 | Brown Mare | "Maud" | 1-2 cost Engineer's | 80.00 | |
| 1 | Bay Colt | | Belongs to Cliff Shaft | | |
| | | | Total | <u>630.00</u> | |
| | | | Less 75% | <u>672.50</u> | 157.50 |
| | | | (55% in 1900) | | |

Carts, Wagons & Sleighs.

| | | | | | |
|---|-------------------------------------|-------------|------------------------|---------------|---------------|
| 1 | Double Sleigh | Foster 1899 | 1.35 | | |
| 1 | Wagon Box | " " | 7.39 | | |
| 1 | Double Wagon | " " | 14.76 | | |
| 1 | light Double Wagon | M.M.D. | 84.58 | | |
| 1 | Heavy Double Wagon | | 24.30 | | |
| 1 | Double truck | | 14.77 | | |
| 1 | Double Dump Wagon | | 5.90 | | |
| 1 | Buck Board | | 5.90 | | |
| 1 | Dump Sleigh | | 5.90 | | |
| 2 | Wood racks n.g. | | 1.77 | | |
| 1 | Wagon jack | | .60 | | |
| | Proportion of Agent's Cutter | | 19.49 | | |
| 1 | Neck yoke | | .88 | | |
| 1 | Single Sleigh, two seats, Engineers | | <u>20.00</u> | | |
| | | | 207.59 | | |
| | | | Less 95% | <u>197.21</u> | 10.38 |
| | | | (90% in 1900) | | |
| | | | Amount carried forward | | <u>167.88</u> |

CLIFFS SHAFT MINE

MINE EQUIPMENT (Continued)

Barn Horses

| | | |
|---------------------------------------|---------------|--------|
| Amount forwarded | | 167.88 |
| 1 Single Wagon, drill 1 | 25.00 | |
| 1 Wagon Box, Mine wagon | 9.00 | |
| 3 Cushions, Agent's | 12.00 | |
| One half interest in following:- | | |
| 1 Set Double Harness, Agent's | 30.00 | |
| 2 Blankets " | 4.00 | |
| 2 Surcingles " | 1.00 | |
| 1 Double Sleigh " | 90.87 | |
| 1 Single Buggy " | 77.02 | |
| 1 Double three seat Sleigh " | 49.35 | |
| Proportion of ex. top double carriage | <u>167.87</u> | |
| Total | 466.11 | |
| Less 75% (50% in 1900) | <u>349.58</u> | 116.53 |
| 1 Single Sleigh for drills | | |
| 1 Double Sleigh Mine | | |
| 1 Double Sleigh from Foster | | |
| 1 Set Whifflex Trees Mine | | |
| 1 Set double harness Mine | | |
| 2 Storm covers | | |
| Total Barn | | 284.41 |

IRON CLIFFS COMPANY.

Steam Shovel No. 3.

1 60-ton Bucyrus Steam Shovel, 7648.62

Depreciation and Rentals,

1898 1517.68

1899 1517.68

" Rental, 184.00

1900 1517.68

" Rental, 160.00

1901 1517.68

Total, 6414.72

Balance November 30th, 1901, 1233.90

SMITH PREMIER
LINEN
MADE IN U.S.A.

3 | 7648
 | 153
 |-----
 | 758840

38 1/2

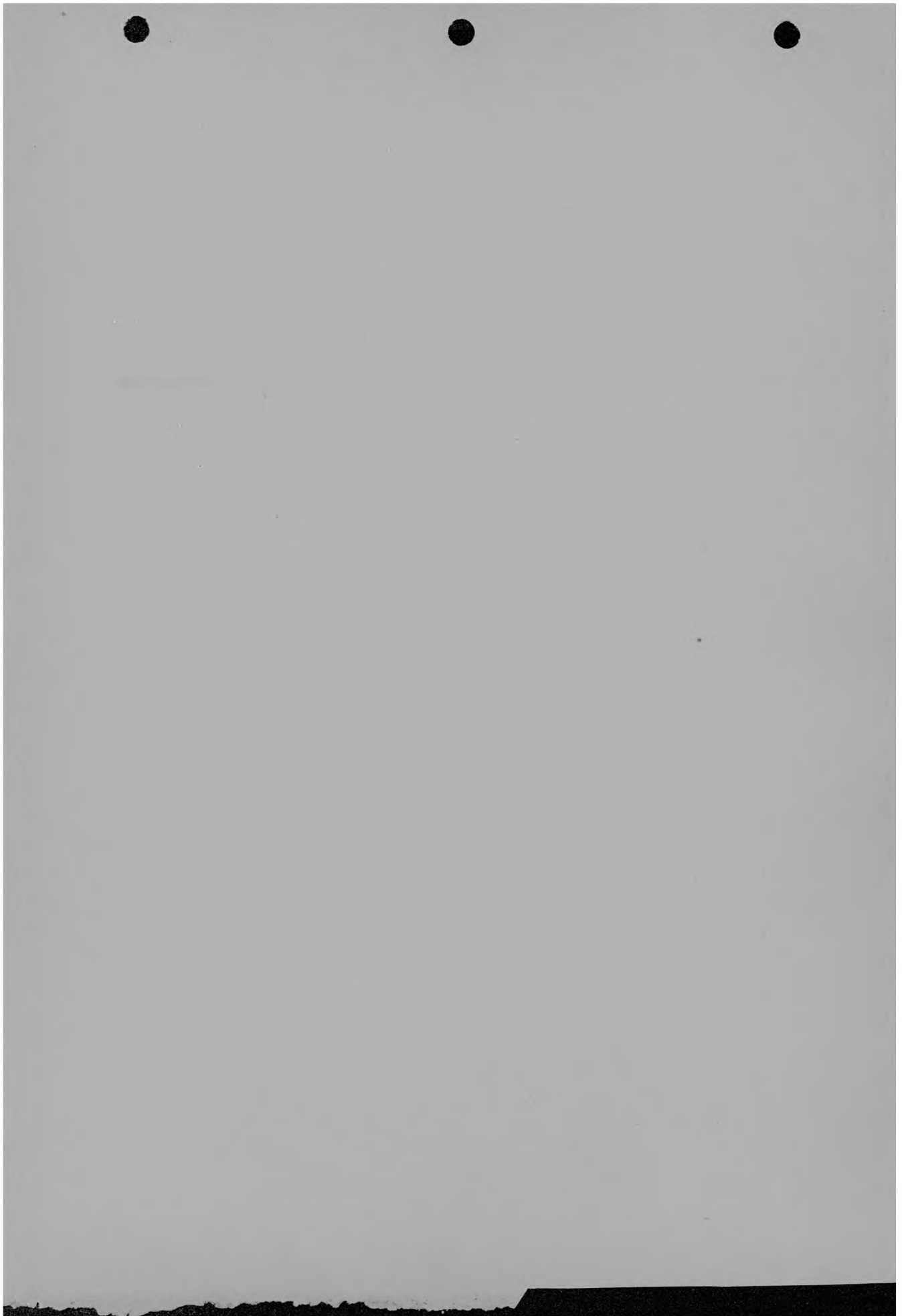
THE CLEVELAND IRON MINING CO.

IRON CLIFFS CO.

Recapitulation of Cliffs Shaft Mine Inventory, November 30th, 1901.

| | Net Amount |
|-----------------------|------------|
| General Supplies | 15459.34 |
| Iron & Steel | 1121.79 |
| Oil, Grease & Candles | 419.18 |
| Machinery Supplies | 4528.29 |
| Building Material | 599.65 |
| Explosives | 137.27 |
| Mine Timber | 298.01 |
| Fuel | 13433.91 |
| Barn | 42.50 |
| Total | 36039.94 |
| Scrap | 236.37 |

| <u>MINE EQUIPMENT</u> | Per cent Ded. | Valuation | Deduction | Net Am't |
|------------------------|---------------|-----------|-----------|----------|
| Diamond Drills | 100% | 109.94 | 109.94 | |
| Power Drills | 60% | 7749.70 | 4649.82 | 3099.88 |
| Cars, Skips & Derricks | 98.7% | 2362.69 | 2190.01 | 172.68 |
| Barn | 66% | 837.59 | 553.18 | 284.41 |
| Portable Machinery | 90% | 2297.72 | 2068.84 | 228.88 |
| | 71.6% | 13357.64 | 9571.79 | 3785.85 |
| Steam Shovel, | | | | 1233.90 |
| | | | | 5019.74 |
| Grand Total, | | | | 41296.06 |



I R O N C L I F F S C O .

Salisbury Mine Inventory, November 30th, 1901.

----c0o----

BUILDINGS .

1 Engine & Boiler House, Frame, Iron Covered - New
1 Engine House For Coal Dock
1 Blacksmith and Carpenter Shop (Temporary)
1 Shaft House, Pocket and Trestle - New
1 Frame Office Building
1 Dry House
1 Oil House
1 Ice House
1 Powder House
1 Coal Shed, Pocket and Trestle - 1800 Tons Capacity
1 Dwelling House (Capt. Thomas Buzzo)
1 " " (Clerk)
1 " " (Shift Boss)
12 " " (Frame)
2 " " (Double)
3 " " (Single)
1 " " (Double Log)
7 " " (Single Log)
1 Barn

Salisbury Mine

P L A N T .

ENGINE HOUSE.

2 18 x 48 Engines - Lane
1 18 x 60 " - Reynolds
2 10 ft. Drums
1 18 x 30 Rand Compressor
1 Heater
2 18 x 84 Boilers - Reynolds Upright
1 6 x 14 Boiler Tubular
1 6 x 14 Boiler " (Condemned)
1 No. 4 Feed Pump
1 Air Receiver
1 Condensor Not in use.
2 Extra Arms for Lane's Drums
1 Set Electric Belts, from Bottom of Mine to Engine House
1 Telephone System " " " " " "
1 16 x 30 Engine Hodgefor Hoisting Coal At Coal Dock
1 4 ft. Drum " " " "
1 14 x 24 Engine - Merritts
1 12 x 18 " "
2200' Wire Rope on Skip
1600' Wire Rope on Cage

CORNISH PUMP.

2 Bobs, Rods, Fittings and Connections
1 12" Draw Lift
1 12" Plunger
5 14" Plungers
2 12" Buckets
2 8" Buckets

FIRE EQUIPMENT .

500" Rubber Hose and Nozzle
1 Hose Cart
1 King Fire Extinguisher
6 Manville Extinguishers
6 Knickerbocker Extinguishers

Salisbury Mine

P L A N T (Continued)

TEMPORARY ENGINE HOUSE.

1 Boiler - Belongs to Cliffs Shaft

SURFACE DRAINAGE EQUIPMENT

1 Pump "S.V. Condensor" - Belongs to Hard Ore.

1 Portable Boiler -Belongs to Hard Ore

MACHINE SHOPS.

1 Bolt Cutter - Cleveland Shop

1 Drill Press - " "

1 Lathe - " "

1 Engine - " "

SUPPLY DEPARTMENT

20 Timber Winches

3 Jack Screws

1 1 1-2 Ton Moore Hoist

1 4 Ton Moore Hoist

1 15 Ton Moore Hoist

2 12" Triple Iron Blocks

4 6" Double Iron Blocks

1 Scraper

Salisbury Mine.

GENERAL SUPPLIES.

| | | | |
|-------|---------------------------|--------------|----------------|
| 20# | Babbitt | .32 | 6.40 |
| 2 | Brushes | .20 | .40 |
| 10 | Burners | .85 | .70 |
| 5# | Borax | .12 1/2 | .63 |
| 6 | Tons B&oss Coal | 3.55 | 21.30 |
| 3 | Doz. Blue Chalk | .02 | .06 |
| 1 | Chimney, No.2 | 1.25 | .11 |
| 3 | Chimneys, No.3, Rock | 3.00 | .75 |
| 9# | Copper Bar | .16 | 1.44 |
| 30 | Emery Cloth | .02 1/2 | .75 |
| 8 | Globes "Lantern" | .06 | .48 |
| 1 | Lantern | | .28 |
| 10 | Lamps, Miner's | 3.00 | 2.50 |
| 5 | 16 C.P. Incandesant Lamps | .25 | 1.25 |
| 3 | 50 C.P. " " | .75 | 2.25 |
| 100 | Ladder Rounds | .02 | 2.00 |
| 5 | Oilers, 1 qt. | 3.00 | 1.25 |
| 2200' | 1 1-8" Wire Rope | .38 Disc.49% | 426.36 |
| 206# | Waste, White | .07 | 14.4 2 |
| 2# | Wicking | .12 1/2 | .25 |
| 16 | Wicks | .005 | .08 |
| 6# | Wire Springs | .22 | 1.32 |
| 4 | Axes | 7.50 | 7.50 |
| 10 | Files, 6" | .96 | .80 |
| 9 | Files, 8" | 1.24 | .93 |
| 1 | Horse Rasp | | .45 |
| 4 | Hammers | 1.00 | 4.00 |
| 24 | Axe Handles | 1.30 | 2.60 |
| 39 | Hammer Handles | .85 | 2.76 |
| 12 | Pat Pick Handles | 1.35 | 1.35 |
| 40 | Sledge Handles | .85 | 2.83 |
| 3 | Saw Handles | .90 | .22 |
| 2 | Saws | 8.00 | 1.33 |
| 3 | Shovels "Mine" | 8.28 | 2.06 |
| 2 | Shovels "Coal" | 10.50 | 1.75 |
| 2 | Wrenches "Coes" | 1.25 | 2.50 |
| 1 | 14" File | | .45 |

Total General Supplies 511.51

Salisbury Mine.

IRON & STEEL .

| | | | |
|----------------------|----------------------|----------|-------------|
| 3054# | Bar Iron | 2.05 | 62.60 |
| 168# | Low Moor Iron | 7.75 | 13.02 |
| 283# | Swedes Iron | .037 | 10.47 |
| 1797# | Steel Plate | .02 | 35.94 |
| 318# | Angle Iron | .021/4 | 7.15 |
| 23# | Chisle Steel | .05 1/2 | 1.26 |
| 126# | Tool Steel | .05 1/2 | 6.93 |
| 222# | Drill Steel | .07 | 15.54 |
| 94# | Shoe Steel | .02 1/4 | 2.11 |
| 1 | Ton T. Rail 20# | | 10.00 |
| 820# | R.R.Spike | 2.00 | 17.22 |
| 30# | 6 d. Nails | 3.60 | 1.08 |
| 20# | 10 d. Nails | 2.80 | .56 |
| 80# | 20 d. Nails | 2.60 | 2.08 |
| 200# | 40 d. Nails | 2.60 | 5.20 |
| 200# | 50 d. Nails | 2.60 | 5.20 |
| 400# | 60 d. Nails | 2.60 | 12.74 |
| 300 | Carriage Bolts | .50 | 1.50 |
| 115# | Assorted Nuts | .03 3/4 | 4.31 |
| 150# | Rivets | .04 | 6.00 |
| 30# | Washers | .03 1/2 | 1.05 |
| 2 | Pkg. Screws | .40 | .80 |
| 150 | Coach Screws 5 x 3/4 | 3.71 Net | <u>5.56</u> |
| Total Iron and Steel | | | 228.32 |

Salisbury Mine

O I L , G R E A S E & C A N D L E S .

| | | | |
|--------|----------------------|---------|-------------|
| 42 1-2 | Gal Air Cylinder Oil | .29 | 12.33 |
| 50 | Gal. Black Oil | .09 | 4.50 |
| 101 | Gal. Back Oli | .09 | 9.09 |
| 109 12 | Gal. Cylinder Oil | .22 | 24.09 |
| 1 7 | Gal. Cylinder Oil | .45 | 7.65 |
| 4 | Gal. Ind. Red Oil | .13 | .52 |
| 95 1-2 | Gal Kero Red Oil | .09 1/2 | 9.08 |
| 85# | Candles | .07 1/4 | 6.16 |
| 21# | Artic Grease | .08 1/4 | 1.73 |
| | Graphite Grease | | |
| 175# | Axle Grease | .02 | 3.50 |
| 5# | Tallow | .06 | .30 |
| 100# | Moonshine | 06 1/2 | <u>6.50</u> |
| | Total | | 85.45 |

Salisbury Mine

MACHINERY SUPPLIES.

| | | | |
|------|---------------------------|---------|-------|
| 184# | Brackets for Cage Catcher | 2.40 | 4.42 |
| 6 | Boiler Glasses | 165 | .83 |
| 85 | Brake Backs | .30 | 25.50 |
| 500# | Grate Bars | 2.70 | 13.50 |
| 790# | Castings, Machinery | 2.40 | 18.96 |
| 2098 | Car Wheels | 2.75 | 57.69 |
| 4 | Skip Wheels | 8.20 | 32.80 |
| 2 | Clamps for Hose | .20 | .40 |
| 2 | Couplings for Hose | .20 | .40 |
| 30# | Door Liners | .03 | .90 |
| 114# | Fiber | .50 | 57.00 |
| 3 | Mangs. Wheels | 7.50 | 22.50 |
| 216# | Shaaves 7-14" New | .02 3/4 | 5.94 |
| 3# | Pump Springs | .25 | .75 |
| 4 | Graphite | .20 | .80 |
| 1 | Wheel for Chain Block | | 1.50 |

PACKING.

| | | | |
|-----|------------------|-----|-------|
| 18# | Packing (Dollar) | .75 | 13.50 |
| 21# | " (Eureka) | .45 | 9.45 |
| 22# | " (Empire) | .25 | 5.50 |
| 25# | " (Hemp) | .14 | 3.50 |
| 10# | " (Rainbow) | .50 | 5.00 |
| 10# | " (Square) | .45 | 4.50 |
| 32# | Sheet Rubber | .15 | 4.80 |

Total 290.14

Amount Forwarded 290.14

Salisbury Mine

MACHINERY SUPPLIES .

| | | Amount Bro't For'd | | 290.14 |
|-----|----------------|------------------------|---------------|--------|
| 29' | 8" Pipe | 2.75 | 79.75 | |
| 34' | 10" Pipe | 4.15 | <u>141.10</u> | |
| | | Total | 220.85 | |
| | | 68% Off | <u>150.88</u> | 70.67 |
| 4 | 3/8" Bushings | .04 | .16 | |
| 9 | 1/2" " | .04 | .36 | |
| 13 | 3/4" " | .05 | .65 | |
| 15 | 1" " | .06 | .90 | |
| 5 | 1 1/4" " | .07 | .32 | |
| 8 | 1-1/2" " | .09 | .72 | |
| 7 | 2" " | .14 | .98 | |
| 1 | 2 1/2" " | .31 | .21 | |
| 1 | 3" " | .30 | <u>.30</u> | |
| | | | 4.63 | |
| | | Less 75 - 10 - 5 % Off | <u>3.64</u> | .99 |
| 11 | 1/4" Couplings | .05 | .55 | |
| 9 | 1/2" " | .07 | .63 | |
| 20 | 3/4" " | .10 | 2.00 | |
| 20 | 1" " | .13 | 2.60 | |
| 11 | 1 1/4" " | .17 | 1.87 | |
| 4 | 1 1/2" " | .21 | .84 | |
| 10 | 2" " | .28 | 2.80 | |
| 5 | 2 1/2" " | .40 | 2.00 | |
| 3 | 3" " | .60 | 1.80 | |
| 4 | 3 1/2" " | .80 | 3.20 | |
| 6 | 4" " | 1.00 | 6.00 | |
| 2 | 8" " | 6.75 | <u>13.50</u> | |
| | | | 37.79 | |
| | | Less 75% - 5% | <u>28.62</u> | 8.97 |
| 4 | 1" Cross | .27 | 1.08 | |
| | | Less 75 - 5% | <u>.83</u> | .25 |
| | | 8 Forward | | 371.02 |

Salisbury Mine

Amount Bro't For'd 371.02

M A C H I N E R Y S U P P L I E S (Continued)

| | | | | |
|----|--------------|-----------------------|--------------|----------------|
| 1 | 1/4" Elbow | .05 | .05 | |
| 9 | 3/8" " | .05 | .45 | |
| 8 | 1/2 " | .06 | .48 | |
| 8 | 3/4 " | .08 | .64 | |
| 1 | 1 1/4 " | .16 | .16 | |
| 21 | 1" " | .10 1/2 | 2.20 | |
| 7 | 1 1/2" " | .20 | 1.40 | |
| 4 | 2" " | .28 | 1.12 | |
| 3 | 2 1/2" " | .50 | 1.50 | |
| 2 | 3" " | .75 | 1.50 | |
| 3 | 4" " | 1.05 | 3.15 | |
| 1 | 6" " | 2.75 | <u>2.75</u> | |
| | | | 15.40 | |
| | | Less 75 - 5% | <u>11.74</u> | 3.66 |
| 5 | 1" Flanges | .52 | 2.60 | |
| 3 | 2" " | 1.00 | 3.00 | |
| 6 | 2 1/2 " | 1.25 | 7.50 | |
| 1 | 3" " | 1.50 | 1.50 | |
| 4 | 3 1/2"" | 1.80 | <u>7.20</u> | |
| | | | 21.80 | |
| | | Less 75-10% | <u>16.90</u> | 4.90 |
| 3 | 1/4" Nipples | .03 | .09 | |
| 7 | 3/8" " | .03 | .21 | |
| 8 | 1/2" " | .04 | .32 | |
| 18 | 3/4" " | .05 | .90 | |
| 10 | 1" " | .06 | .60 | |
| 8 | 1 1/4" " | .09 | .72 | |
| 7 | 1 1/2" " | .10 | .70 | |
| 13 | 2" " | .13 | 1.69 | |
| 2 | 2 1/2" " | .28 | .56 | |
| 1 | 4" " | .58 | .58 | |
| 2 | 5" " | 1.05 | <u>2.10</u> | |
| | | | 8.47 | |
| | | 9 Less 80% Forward | <u>6.38</u> | 1.69 381.27 |

Salisbury Mine

MACHINERY SUPPLIES (Continued.)

| | | Amount Bro't For'd | 381.27 |
|----|-------------|--------------------|-------------------|
| 3 | 1/4" Plugs | .02 | .06 |
| 6 | 3/8" " | .02 | .12 |
| 12 | 1/2" " | .02 | .24 |
| 26 | 3/4" " | .03 | .84 |
| 12 | 1" " | .04 | .48 |
| 9 | 1 1/4" " | .05 | .45 |
| 14 | 1 1/2" " | .07 | .98 |
| 3 | 2" " | .10 | .30 |
| 3 | 2 1/2" " | .18 | .54 |
| 1 | 3" " | .25 | <u>.25</u> |
| | | | 4.26 |
| | | Less 75-10-5% | <u>3.35</u> .91 |
| 3 | 1/4" Tees | .08 | .24 |
| 11 | 1/2" " | .09 | .99 |
| 24 | 3/4" " | .12 | 2.88 |
| 14 | 1" " | .15 | 2.10 |
| 10 | 1 1/4" " | .23 | 2.30 |
| 3 | 1 1/2" " | .29 | .87 |
| 4 | 2" " | .41 | <u>1.64</u> |
| | | | 11.02 |
| | | Less 75-5% | <u>8.40</u> 2.62 |
| 3 | 1/4" Unions | .18 | .54 |
| 5 | 3/8" " | .20 | 1.00 |
| 6 | 1/2" " | .22 | 1.32 |
| 20 | 3/4" " | .27 | 5.40 |
| 18 | 1" " | .33 | 5.94 |
| 9 | 1 1/4" " | .46 | 4.14 |
| 12 | 1 1/2" " | .58 | 6.96 |
| 3 | 2" " | .75 | 2.25 |
| 2 | 3" " | 2.10 | 4.20 |
| 1 | 3 1/2" " | 3.65 | <u>3.65</u> |
| | | | 35.40 |
| | | Less 80% | <u>28.32</u> 7.08 |
| | | Forward | 391.88 |

Salisbury Mine

MACHINERY SUPPLIES (Continued)

| | | Amount Bro't For'd | 391.88 |
|--------------------------|-------------------|--------------------|--------------------|
| 2 | 1/4" Globe Valves | .72 | 1.44 |
| 6 | 1/2" " " | 1.00 | 6.00 |
| 10 | 3/4" " " | 1.26 | 12.60 |
| 4 | 1" " " | 1.80 | 7.20 |
| 6 | 1 1/4" " " | 2.52 | 15.12 |
| 5 | 1 1/2" " " | 3.50 | <u>17.50</u> |
| | | | 59.86 |
| | | Less 60- 10% | <u>38.31</u> 21.55 |
| Total Machinery Supplies | | | 413.43 |

Salisbury Mine

BUILDING MATERIAL

| | | | |
|-------------------------|---------------------------|-------|-------------|
| 400' | 1" Common Lumber, Pine | 17.00 | 6.80 |
| 500' | 2" " " | 16.00 | 8.00 |
| 32' | Battons | 30.00 | .96 |
| 53' | 1" Maple | 26.00 | 1.32 |
| 780' | 3-1/4" Hard Wood Flooring | 20.60 | 16.00 |
| 76' | 8 x 8 Maple | 16.75 | 1.27 |
| 100# | Mine Paint | 1.50 | 1.50 |
| 3 | Gals. Linseed Oil | .75 | <u>2.25</u> |
| Total Building Material | | | 38.10 |

EXPLOSIVES.

| | | | |
|------------------|--------------|-------|--------------|
| 6# | Battery Wire | .30 | 1.80 |
| 1100 | Caps | 6.00 | 6.60 |
| 500 | Exploders | 29.88 | 14.94 |
| 2600' | Fuse | 4.25 | 11.05 |
| 200# | 40% Giant | 10.50 | <u>21.00</u> |
| Total Explosives | | | 55.39 |

Salisbury Mine

M I N E T I M B E R .

| | | | |
|--------|---------------------------|---------|-----------------------|
| 190 | Cds. 5' Lagging | 3.25 | 617.50 |
| 50825' | Poles | .90 | 457. ⁴² 92 |
| 4464' | 8-10-16 | .03 1/2 | 156.24 |
| 3360' | 10-12-16 | .05 1/2 | 184.80 |
| 34389' | 8-10-16 | .03 | 1031.67 |
| 624' | 12-14-16 | .06 1/2 | 40.56 |
| 7888' | 14-16-16 | .09 | 709.92 |
| 576' | 16-18-16 | .12 | 69.12 |
| 50' | Trestle Timber | .12 1/2 | 6.25 |
| 200 | Pump Rods | .25 | <u>50.00</u> |
| | Total | | 3323.48 |
| | Less 10% for Depreciation | | <u>332.35</u> 2991.13 |

F U E L .

| | | | |
|------|----------------|-------|---------|
| 1631 | Tons Soft Coal | 2.81- | 4580.39 |
|------|----------------|-------|---------|

B A R N .

| | | | |
|------------|------------------|-------|------------|
| 3 1/2 Tons | Hay | 10.00 | 35.00 |
| 15 | Bushels Oats | .41 | 6.15 |
| 40 | Horse Shoes | .0435 | 1.74 |
| 6 | Horse Shoe Nails | .15 | .90 |
| 1 1/2 Tons | Straw | 8.10 | 12.15 |
| 1 | Single Tree | | <u>.45</u> |
| | Total Barn | | 56.39 |

Salisbury Mine

ANTIQUATED.

| | | | |
|---|-----------------|--------------|-------|
| 1 | 6 x 8 x 8 Tee | 5.00 | |
| 1 | 6 x 10 x 10 Tee | 12.50 | |
| 1 | 8" Globe Valve | 9.60 | |
| 1 | 6" Check Valve | 5.00 | |
| 1 | 12" Flange | <u>4.00</u> | |
| | | 35.50 | |
| | Less 100% | <u>35.50</u> | 00.00 |

Record

| | | |
|---|------------|----------------|
| 1 | Sand Stone | 6 x 3 x 2 ft. |
| 1 | " " | 14 1/2 x 8 ft. |
| 1 | " " | 14 1/2 x 8 ft. |

SCRAP.

| | | | |
|------|-----------------------------|-------|--------------|
| 260# | Brass | 10.00 | 26.00 |
| 150# | Copper | 10.00 | 15.00 |
| 5 | Tons Cast Iron Gross Ton | 8.00 | 40.00 |
| 3 | Tons Wrought Iron Gross Ton | 8.00 | <u>24.00</u> |
| | Total Scrap | | 105.00 |

Salisbury Mine

M I N E E Q U I P M E N T .

POWER DRILLS.

| | | | | |
|---|----------------------------------|--------|---------------|--------|
| 4 | Bars Rand Drills | Scrap) | | |
| 2 | Bars Rand Drills |) | | |
| 7 | No. 2 Rand Drills | Scrap) | | |
| 2 | No. 2 Rand Drills |) | 885.74 | |
| 2 | No. 3 Rand Drills | | <u>51.00</u> | |
| | Total | | 936.74 | |
| | Less 100% | | <u>936.74</u> | 00.00 |
| | (95 % in 1900) | | | |
| 1 | No. 3 1-4 Rand Drills and Tripod | | 247.20 | |
| 2 | No. 3 1-4 Rand Drills at 82.72 | | <u>165.44</u> | |
| | Total | | 412.64 | |
| | Less 50% | | <u>206.32</u> | 206.32 |
| | (20% in 1900) | | | |
| | Total Power Drills | | | 206.32 |

RECORD .

5 Hand Drills "Buzzo" Make

Salisbury Mine.

M I N E E Q U I P M E N T (Continued)/

PORTABLE MACHINERY.

| | | | | | |
|------|-------------------|---------|-----------------|---------------|--------|
| 1 | No.8 Earle Pump | in Yard | Scrap | 147.62 | |
| 1 | No. 9 Earle Pump | " " | " | 147.62 | |
| 1 | Steam Dome | " | Mine | 2.95 | |
| 2 | Winze Hoists | " | Mine |) | |
| | | | |) | 295.24 |
| 1 | Winze Hoist | " | #3 St. Pile |) | |
| 150' | 2 1-2 Cotton Hose | Very | Poor | <u>48.99</u> | |
| | | | | | |
| | | | Total | 642.42 | |
| | | | Less 100% | <u>642.42</u> | 00.00 |
| | | | (100% in 1900.) | | |

Record.

| | | | |
|---|---------------------------|---|-----------------------------------|
| 1 | No.5 Earle Pump | | in Yard |
| 1 | No.6 Earle Pump | | " Yard |
| 1 | Funnel & Pipe for Fan | | " Barn |
| 1 | Boiler | | at Cliffs Shaft |
| 1 | No.8 Special C. Pump | | " Cliffs Shaft |
| 1 | No.8 Knowles | " | from Cliffs Shaft |
| 1 | No. 5 Knowles | " | " Cliffs Shaft is in Boiler House |
| 1 | No. 5 Cameron | " | " Cliffs Shaft is in Mine |
| 1 | Portable Drill | | " Hard Ore Shop |
| 1 | Pump | | " Hard Ore Shop - Surface Pump |
| 1 | Portable Boiler | | " " " " " " |
| 1 | Winze Hoist | | " Lake Mine |
| 1 | Portable Boiler & Derrick | | " Hard Ore |
| 4 | Buckets | | " " " |

CARS, SKIPS AND DERRICKS.

| | |
|----|---------------------------------|
| 2 | 3-4 Ton Buckets |
| 1 | 1-2 Ton Bucket |
| 1 | Timber Cage |
| 2 | Top Tram Cars |
| 20 | Tram Cars in Mine |
| 10 | Tram Cars, Small in Mine |
| 1 | Small Coal Car for Engine House |
| 1 | Large Car Coal Dock |
| 2 | 2 1-4 Ton Skips |
| 1 | Platform Cage |
| | (Closed off in 1898.) |

Salisbury Mine.

MINE EQUIPMENT .(Continued)

BARN-HORSES.

| | | | | |
|---|------------|---------------|---------------|--------|
| 1 | Bay Horse | Ned | 150.00 | |
| 1 | Bay Horse | Dave | 150.00 | |
| 1 | Bay Mare | Nell | 70.86 | |
| 1 | Gray Horse | Prince | 94.48 | |
| 1 | Bay Mule | Mike | 100.00 | |
| 1 | Black Mule | Rat | <u>100.00</u> | |
| | | Total | 665.34 | |
| | | Less 80% | <u>532.27</u> | 133.07 |
| | | (65% in 1900) | | |

CARTS, WAGONS AND SLEIGHS.

| | | | | |
|---|------------------------------|---------------|---------------|-------|
| 1 | Buggy, Proportion of Agent's | | 31.01 | |
| 1 | Cutter, " " " | | 11.37 | |
| 1 | Cutter | | 14.77 | |
| 1 | Wood Sleigh Broken | | 8.85 | |
| 1 | Dump Sleigh Broken | | 5.90 | |
| 1 | Timber Truck | | 2.96 | |
| 2 | Double Wagons | | 29.52 | |
| 1 | Single Wagon | | 5.90 | |
| 1 | Dump Wagon | | 5.90 | |
| 2 | Single Sleighs | | 17.71 | |
| 1 | Buggy | | 20.25 | |
| 1 | Single Cart Scrap pile | | <u>2.36</u> | |
| | | Total | 156.50 | |
| | | Less 100% | <u>156.50</u> | 00.00 |
| | | (90% in 1900) | | |

Total Barn 133.07

IRON CLIFFS CO.

Recapitulation of Salisbury Mine Inventory, November 30th, 1901.

| | Net Amount |
|-----------------------|------------|
| General Supplies | 511.51 |
| Iron & Steel | 228.32 |
| Oil, Grease & Candles | 85.45 |
| Machinery Supplies | 413.43 |
| Building Material | 38.10 |
| Explosives | 55.39 |
| Mine Timber | 2991.13 |
| Fuel | 4580.39 |
| Barn | 56.59 |
| Total | 8960.11 |
| Scrap | 105.00 |

| <u>MINE EQUIPMENT</u> | Per Cent Ded. | Valuation | Deduction | Net Amount |
|------------------------|---------------|-----------|-----------|------------|
| Power Drills | 84.7% | 1349.38 | 1143.06 | 206.32 |
| Cars, Skips & Derricks | | | | |
| Portable Machinery | 100% | 642.42 | 642.42 | |
| Barn | 83.8% | 821.64 | 688.77 | 133.07 |
| Total | 87.9% | 2813.64 | 2474.25 | 339.39 |

Grand Total

9404.50



IRON CLIFFS CO.

Foster Mine Inventory, November 30th, 1901.

---oOo---

BUILDINGS.

- 1 Frame Engine & Boiler House
- 1 Frame Office
- 1 Blacksmith Shop, Frame
- 1 Frame Barn
- 1 Frame Coal Trestle
- 1 Frame Shaft House (Poor)
- 1 Frame Coal House, Hard Coal
- 1 Frame Dwelling, 2 Story & Barn - Captains
- 3 Frame Dwellings
- 12 Log Dwellings

PLANT.

- 1 20 x 30 Merritt Hoisting Engine
- 1 6' Merritt Hoisting Drum
- 1100' 1-1/8" Steel Hoisting Rope
- 2 Horizontal Tubular Boilers -Small

RECORD.

- 1 Hand Drilling Machine at Tilden

IRON CLIFFS CO.

Fitch Mine Inventory, November 30th, 1901.

- 1 Horizontal Tubular Water Heater 12' x 18" with 32 -2"
Tubes 10' Long, Stored at Cliffs Shaft .

SMITH PREMIER
LINER
MADE IN U.S.A.

SMITH PREMIER
LINER
MADE IN U.S.A.



THE CLEVELAND CLIFFS IRON CO.

Index to Inventories, November 30th, 1901.

GENERAL ACCOUNTS.

| | Michig. | Imperial | Maas | Ashland. |
|-----------------------------|---------|----------|------|-----------|
| Buildings ----- | 1 | 1 | | <i>a</i> |
| Plant ----- | 1 | 1 | | <i>b.</i> |
| Crusher ----- | 1 | | | |
| General Supplies----- | 2- 9 | 2 | 1 | 1- 4 |
| Iron & Steel ----- | 10 | 3 | | 5-10 |
| Machinery Supplies ----- | 11-21 | 4 -8 | 2- 6 | 12-19 |
| Building Material ----- | 21 | 9 | 7 | 20-21 |
| Separator Equipment----- | 21 | | | |
| Cars, Skips & Derricks----- | 22 | | | |
| Mine Timber----- | | 10 | 7 | 22 |
| Fuel----- | | 10 | 7 | 22 |
| Barn----- | | 11 | | 22 |
| Oil, Grease & Candles----- | | | 1 | 11 |
| Antiquated Material----- | | | | 24 |
| Explosives----- | | | 7 | 23 |
| Mine Equipment ----- | | | 8 | |
| Recap. of Inventory----- | 25 | 12 | 9 | 31 |

---I N D E X ---

| | Michig. | Imperial | Maas | Ashland |
|-------------------------|---------|----------|------|---------|
| Anvils | 2 | | | |
| Antiquated Supplies | | | | 24 |
| Babbitt | | 2 | | 1 - 3 |
| Barn | 4 | 11 | | 22 |
| Barrows | 5 | | | 3 |
| Bells | 4 | | | |
| Belting | 20-24 | | | |
| Blasting Batteries | 7 | | | |
| Blocks | 4 | | | |
| Buildings | 1 | 1 | | |
| Building Material | 21 | 9 | 7 | 20 -21 |
| Bushings | 11 | 6 | 4 | 14 |
| Brick | | 7 | | |
| Brooms | | | | 2 |
| Bolts | | | | 9-10 |
| Candles | | | 1 | 11 |
| Cans | 3 | | | |
| Cars, Skips & Derricks | 22 | | | 29 |
| Chains, Old | 3 | | | |
| Couplings | 11 | 5 | 4 | 13 |
| Crusher | 24 | | | |
| Cups | 18 | | | |
| Carts, Wagons & Sleighs | | 11 | | 30 |
| Chimneys | | 2 | | |
| Coal, Blossburg | | 10 | 1 | |
| Coal Steam | | 10 | | 22 |
| Cocks | | 6 | | |
| Dies | 8 | | | |
| Drills | 7 | | | |
| Drill Supplies | 9 | | | 17-18 |
| Diamond Drills | | | | 28 |
| Elbows | 4 | 4 | 4- 6 | 15 |
| Electric Supplies | 4 | | | |
| Equipment | 22 | | | |
| Explosives | | | 7 | 23 |
| Fiber | | | | 17 |
| Filters | 7 | | | |
| Flanges | 12 | 4 | | |
| Files | | 2 | | 1 |
| Fire Clay | | 7 | | |
| Fuel | | 10 | 7 | 22 |
| General Supplies | 2- 9 | 2 | 1 | 1- 4 |
| Globes | | 2 | | 3 |
| Hammers Sledge | 5 | 2 | | 3 |
| Heaters | 15 | | | |
| Heater Feed Water | 22 | | | |
| Hose | 22 | | | |
| Handles | | 2 | | 3 |
| Horses | | 11 | | 30 |
| Hoists | | | | 26 |
| Iron & Steel | 10 | 3 | | 5-10 |
| Lanterns & Lamps | 3 | 2 | | 2- 3 |
| Lumber | 21 | 9 | 7 | 20-21 |
| Lagging | | 10 | | 22 |
| Ladder Rounds | | | | 4 |
| Machinery Supplies | 11-21 | 4- 8 | 2- 6 | 12-19 |
| Mine Timber | | 10 | 7 | 22 |
| Mine Equipment | | | 8 | |

---I N D E X ---

| | Michig. | Imperial | Maas | Ashland |
|-----------------------|---------|----------|----------|-----------|
| Nipples | 11 | 5 | 3- 6 | |
| Nuts | 8- 9 | 3 | | 10 |
| Nails | | 3 | | |
| Oil, Grease & Candles | | | 1 | 11 |
| Packing | 17 | 7 | | 12 |
| Picks | 5 | 2 | | |
| Pipe | 14 | 8 | 2, 5 & 8 | |
| Plant | 1 | 1 | | |
| Portable Machinery | 23 | | | 25-26 |
| Pulleys | 19 | | | |
| Pumps | 23 | | | 14, 25-26 |
| Plugs | | 6 | 3 | 16 |
| Power Drills | | | | 27 |
| Poles | | | | 22 |
| Rail | 10 | 3 | | 10 |
| Rand Drills | 23 | | | |
| Recap. of Inventory | 25 | 12 | 9 | 31 |
| Rope | 4- 5 | | | 3 |
| Rotating Nuts | | 7 | | |
| Reducers | | | 2 | |
| Rods | | | 8 | |
| Saws | 4 | | | |
| Scales | 3-22 | | | |
| Separator Equipment | 21 | | | |
| Sheaves | 19 | | | |
| Shovels | 6 | | | |
| Salt | | 2 | | |
| Screws Fedd | | 7 | | |
| Steam Shovels | | | | 29 |
| Tongs | 2 | | | |
| Tools | 2- 3 | 2 | | |
| Tram System | 24 | | | |
| Tees | | 4 | 3- 6 | 15 |
| Unions | 12 | 5 | 2 | 13-14 |
| Valves | 13-15 | 6 | | 16 |
| Vise | 6 | | | |
| Wheels | 16 | 7 | | |
| Wrenches | 6 | | | 2 |
| Wire | | | 1 | |
| Waste | | | | 2 |

Imperial Mine

B U I L D I N G S .

- 1 Frame Engine House
- 1 Office Connected with Engine House
- 1 Frame Warehouse
- 1 Frame Carpenter & Blacksmith Shop Connected
- 1 Frame Dry House - Built by Cleveland Iron Mining Co.
- 1 Frame Pump House--Built by Cleveland Iron Mining Co.
- 1 Frame Two Story Barn
- 2 Frame Dwelling Houses
- 1 Log Dwelling House

P L A N T .

- 2 3-1/2' x 15' Boilers
- 1 #15 Hancock Inspirator
- 1 Hoisting Engine with 2 - 5' Drums
- 1 Water Heater - Bought by Cleceland Cliffs Iron Co.
- 1 #5 Knowles Pump -East Pit - Bought from Cliffs Shaft.
- 1 #6 Knowles Pump Boiler Feed - Bought from Lake Mine
- 1 6 - 4 - 6 Worthington Pump - Belongs to Titan Mine
- 1 #7 Knowles Pump -West Pit - Bought from Michigamme Mine
- 1 Air Receiver - Bought from Foster Plant
- 1 Air Compressor- Bought from Foster Plant
- 8 #3 Drill Machines - Bought from Michigamme Mine
- 1 Boiler at River - Bought from Michigamme Mine
- 1 Water Tank 15 x 15 x 10 Built by Cleveland Cliffs Iron Co.
- 300' Water Hose
- 1 1" Nozzle
- 1 Hose Cart
- 2 1 Ton Skips
- 14 Iron Tram Cars

Imperial Mine

GENERAL SUPPLIES .

| | | | |
|-------|--|----------|-------|
| 25 | # White Lead | .07 | 1.75 |
| 5 | # Metal Polish | .20 | 1.00 |
| 5 | Hand Saws | 7.50 | 3.13 |
| 4 | Axes | 6.50 | 2.16 |
| 30 | Picks | 8.50 | 21.25 |
| 2 | Pails | 3.50 | .58 |
| 1 | 10" Flat B. Files | .14 | .14 |
| 1 | 12" " | .20 | .20 |
| 1 | 16" Square Files | .45 | .45 |
| 1 | 18" Round File | .50 | .50 |
| 15 | Hammer Handles | 1.20 | 1.50 |
| 108 | P. Picks Handles | 1.10 | 9.90 |
| 7 | Adze Handles | 1.25 | .72 |
| 2 | Broad Axe Handles | 1.25 | .21 |
| 4 | 1- ¹ / ₂ # Babbitt | .35 | 1.58 |
| 12 | S. Hammers 7# | .09 | 7.56 |
| 1 | Broom | .30 | .30 |
| 10 | Axe Handles | 1.25 | 1.04 |
| 5 | Shovels | 9.00 | 3.75 |
| 5 | Shovel Handles | .10 | .50 |
| 2 | Street Lamps | 4.25 | 8.50 |
| 18 | Street Lamp Globes | .40 | 7.20 |
| 8 | Rochester Chimneys | 1.80 | 1.20 |
| 9 | Lantern Globes | .75 Doz. | .56 |
| 1 | 16# Sledge | .09 | 1.44 |
| 10 | # Salammoniac | .20 | 2.00 |
| 1 | Doz. Rochester Wicks | .25 | .25 |
| 2-1/2 | Barrels Salt | 1.10 | 2.75 |
| 10 | # Oakum | .10 | 1.00 |
| 27 | Pony Insulators | .02 | .54 |

Total General Supplies

83.66

Imperial Mine

I R O N A N D S T E E L .

| | | | | |
|------|-----------------|--------------------|---------|--------------|
| 30 | # Shingle Nails | | .03-1/2 | 1.05 |
| 50 | # Boat Spikes | | .04 | 2.00 |
| 150 | # Nuts Asst'd | | .07 | 10.50 |
| 125' | 30# Steel Rail | 1250# | | |
| 47' | 20# " | <u>312#</u> | | |
| | | 1562# | 12.50 | 9.76 |
| 1670 | # Bar Iron | | .02-1/2 | <u>41.75</u> |
| | | Total Iron & Steel | | 65.06 |

2

Imperial Mine

M A C H I N E R Y S U P P L I E S .

| | | | | |
|----|--------------|------|--------------|------|
| 12 | 3/8" Tees | .08 | .96 | |
| 7 | 5/8" " | .12 | .84 | |
| 11 | 3/4" " | .12 | 1.32 | |
| 4 | 1-1/2" " | .29 | 1.16 | |
| 1 | 2" " | .41 | .41 | |
| 1 | 2-1/2" " | .73 | .73 | |
| 3 | 3" " | 1.10 | 3.30 | |
| 2 | 6" " | 4.00 | 8.00 | |
| | | | <u>16.72</u> | |
| | Less 75 & 5% | | <u>12.75</u> | 3.97 |

| | | | | |
|----|--------------|------|--------------|------|
| 5 | 1/4" Elbows | .05 | .25 | |
| 5 | 1/2" " | .06 | .30 | |
| 2 | 3/4" " | .08 | .16 | |
| 6 | 1" " | .11 | .66 | |
| 11 | 1-1/4" " | .16 | 1.76 | |
| 6 | 1-1/2" " | .20 | 1.20 | |
| 5 | 2" " | .28 | 1.40 | |
| 17 | 2-1/2" " | .50 | 8.50 | |
| 4 | 3" " | .75 | 3.00 | |
| 4 | 4" " | 1.20 | 4.80 | |
| | | | <u>22.03</u> | |
| | Less 75 & 5% | | <u>16.80</u> | 5.23 |

| | | | | |
|--------|----------------|------|--------------|------|
| 4 | Pr. 1" Flanges | .52 | 2.08 | |
| 2 | Pr. 1-1/4" " | .64 | 1.28 | |
| 4-1/2" | 2" " | 1.00 | 4.50 | |
| 3 | " 2-1/2" " | 1.25 | 3.75 | |
| 1/2 | " 3" " | 1.70 | .85 | |
| 1 | " 4" " | 2.10 | 2.10 | |
| 2-1/2" | 5" " | 3.15 | 7.87 | |
| 1/2 | " 6" " | 3.95 | 1.97 | |
| | | | <u>24.40</u> | |
| | Less 75 & 10% | | <u>18.91</u> | 5.49 |

Amount For'd

14.69

Imperial Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | | 14.69 |
|-------------|---------------|--------------------|--------------|--------------|
| 4 | 1/4" Unions | .15 | .72 | |
| 3 | 3/8" " | .20 | .60 | |
| 6 | 5/8" " | .27 | 1.62 | |
| 10 | 1" " | .33 | <u>3.30</u> | |
| | | | 6.24 | |
| Less 80% | | | <u>4.99</u> | 1.25 |
| | | | | |
| 7 | 3/4" Nipples | .08 | .56 | |
| 2 | 1" " | .10 | .20 | |
| 16 | 1-1/4" " | .14 | 2.24 | |
| 11 | 2-1/2" " | .40 | 4.40 | |
| 5 | 3" " | .52 | 3.12 | |
| 3 | 5" " | 1.42 | 4.26 | |
| 11 | 6" " | 1.77 | <u>19.47</u> | |
| | | | 34.25 | |
| Less 80% | | | <u>27.40</u> | 6.85 |
| | | | | |
| 1 | 1/4" Coupling | .05 | .05 | |
| 17 | 3/4" " | .10 | 1.70 | |
| 2 | 1" " | .13 | .26 | |
| 4 | 1-1/4" " | .17 | .68 | |
| 1 | 1-1/2" " | .21 | .21 | |
| 13 | 2" " | .28 | 3.64 | |
| 6 | 2-1/2" " | .40 | 2.40 | |
| 1 | 3" " | .60 | .60 | |
| 2 | 4" " | 1.00 | 2.00 | |
| 11 | 5" " | 1.65 | <u>18.15</u> | |
| | | | 29.69 | |
| Less 70% 5% | | | <u>21.23</u> | 8.46 |
| | | | | <u>31.25</u> |
| | | Amount For'd | | 31.25 |

Imperial Mine

MACHINERY SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | | 31.25 |
|----|------------------------|--------------------|--------------|--------------|
| 1 | 1/4" Bushings | .04 | .04 | |
| 9 | 3/8" " | .04 | .36 | |
| 3 | 1/2" " | .04 | .12 | |
| 7 | 1-1/4" " | .07 | .49 | |
| 1 | 1-1/2" " | .09 | .09 | |
| 2 | 2" " | .14 | .28 | |
| 1 | 3" " | .30 | .30 | |
| 1 | 4" " | .50 | .50 | |
| 5 | 5" " | .93 | <u>4.65</u> | |
| | | | 6.83 | |
| | Less 75 - 10 - 5% | | <u>5.37</u> | 1.46 |
| 3 | 1/2" Plugs | .02 | .06 | |
| 2 | 5/8" " | .03 | .06 | |
| 1 | 3/4" " | .03 | .03 | |
| 7 | 1" " | .04 | .28 | |
| 1 | 1-1/4" " | .05 | .05 | |
| 2 | 1-1/2" " | .07 | .14 | |
| 1 | 2-1/2" " | .18 | .18 | |
| 1 | 3" " | .25 | <u>.25</u> | |
| | | | 1.05 | |
| | Less 75 - 10 - 5% | | <u>.83</u> | .22 |
| 4 | 3/4" Stop Cocks | 1.05 | 4.20 | |
| 9 | 1" " | 1.30 | <u>11.70</u> | |
| | | | 15.90 | |
| | Less 70% | | <u>11.13</u> | 4.77 |
| 2 | 1" Globe Valves | 1.80 | 3.60 | |
| 13 | 1-1/4" " | 2.52 | 32.76 | |
| 7 | 1-1/2" " | 3.50 | 24.50 | |
| 2 | 2" " | 5.30 | 10.60 | |
| 2 | 3" " | 14.40 | 28.80 | |
| 1 | 5/8" " | 1.26 | <u>1.26</u> | |
| | | | 101.52 | |
| | Less 70 - 10% | | <u>74.11</u> | 27.41 |
| | | | | <u>33.86</u> |
| | Amount Carried Forward | | | 65.11 |

Imperial Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | | 65.11 |
|-----|----------------------------|------------------|---------------|
| 1 | 1-1/2" Pop Valve | | 4.25 |
| 4 | 15" Coes Wrenches | .90 | 3.60 |
| 5 | # 3/8" Sq. Rubber Packing | .45 | 2.25 |
| 3 | 3/4" " | .45 | 1.35 |
| 5 | 1" " | .45 | 2.25 |
| 10 | 1/2" Empire Packing | .28 | 2.80 |
| 15 | 3/8" " | .28 | 4.20 |
| 10 | 5/8" " | .28 | 2.80 |
| 5 | 3/4" " | .28 | 1.40 |
| | 3-1/2# 5/8" Dollar Packing | .75 | 2.63 |
| 3 | # 1/2" Empire Packing | .28 | .84 |
| 10 | # Sheet Rubber | .15 | 1.50 |
| 10 | # Hemp Packing | .14 | 1.40 |
| 2 | # Sheet Asbestos | .08 | .16 |
| 3 | # #10 Pump Valves | .70 | 2.10 |
| 6 | # #7 " | .70 | 4.20 |
| 1# | # Graphite | | .20 |
| 2 | 2-1/2" Brass Hose Coupling | 1.25 | 2.50 |
| 1 | #20 Hancock Inspirator | | 13.75 |
| 2 | Barrels Fire Clay | 2.50 | 5.00 |
| 200 | Fire Brick | 40.00 | 8.00 |
| 3 | Car Wheels 180# | .02 4 | 4.95 |
| 4 | Wood Rollers | | .50 |
| 54 | Prs. Brake Blocks | .20 | 10.80 |
| 4 | Skip Wheels 80 320# | .02-3/4 | 8.80 |
| 11 | Rotating Nuts | 2.40 | 26.40 |
| 2 | Feed Screws | 6.40 | <u>12.80</u> |
| | Total | | <u>131.43</u> |
| | Total Amount For'd | | 196.54 |

Imperial Mine

MACHINERY SUPPLIES (CONTINUED).

| | Amount Bro't For'd | |
|--------------------------|--------------------|---------------|
| | | 196.54 |
| 80' 3" Pipe | .75-1/2 | 60.40 |
| 140' 2-1/2" Pipe | .57-1/2 | 80.50 |
| 195' 1-1/2" " | .27 | 52.65 |
| 22' 3/4" " | .11-1/2 | 2.53 |
| 275' 2" " | .36 | 99.00 |
| | | <u>295.08</u> |
| Less 67-1/2% | 199.18 | <u>95.90</u> |
| Total Machinery Supplies | | 292.44 |

Imperial Mine

BUILDING MATERIAL.

| | | | | |
|-------|----------------------|-------|---------|-------|
| 50 | # Red Building Paper | | .02-1/2 | 1.25 |
| 15 | Pcs. 5 x 7 -18 | 788' | 16.00 | 12.61 |
| 2 | Pcs. 10 x 6 -16 | 160' | 17.00 | 2.72 |
| 200' | 1" Maple | 200' | 35.00 | 7.00 |
| 200' | 2" Maple | 200' | 35.00 | 7.00 |
| 280' | 3" Maple | 280' | 35.00 | 9.80 |
| 100' | Flooring | 100' | 30.00 | 3.00 |
| 114 | Pcs. 3 x 8 -16 | 3648' | 13.50 | 49.25 |
| 70 | Pcs. 2 x 10-16 | 1867' | 13.50 | 25.21 |
| 2 | Pcs. 3 x 8 -10 | 40' | 16.00 | .64 |
| 13 | Pcs. 3 x 6 -12 | 234' | 16.00 | 3.74 |
| 1 | Pcs. 2 x 12-16 | 32' | 16.00 | .51 |
| 4 | Pcs. 3 x 8 -12 | 96' | 16.00 | 1.54 |
| 2 | Pcs. 6 x 14-18 | 252' | 17.00 | 4.28 |
| 5 | Pcs. 6 x 6 -12 | 180' | 17.00 | 3.06 |
| 1000' | 3" Plank | 1000' | 13.50 | 13.50 |
| 600' | 2" Plank | 600' | 6.75 | 4.05 |
| 800' | 1" Lumber | 800' | 16.00 | 12.80 |
| | 1-1/2 M. Shingles | | 2.50 | 3.75 |
| 12 | Pcs. Glass 9 x 14 | | .08 | .96 |
| 10 | # Putty | | .03 | .30 |
| 5 | Gals. Green Paint | | 1.50 | 7.50 |

Total Building Material

174.47

Imperial Mine

M I N E T I M B E R .

| | | | | |
|-------|----------------------|---------|----------|--------------|
| 14700 | Pcs. 7' Lagging | 102900' | .001/2 | 514.50 |
| 200 | Poles 25' Long | 5000' | .003/4 | 37.50 |
| 246 | Pcs. 8 x 10 -12 | 3444' | .03 | 103.32 |
| 67 | Pcs. 10 x 12-14 | 938' | .04-1/4 | 39.86 |
| 26 | Pcs. 12 x 14-14 | 364' | .06 | 21.84 |
| 122 | Ties 9' Long | 1098' | .02-1/2 | 27.45 |
| 291 | Pcs. 8 x 10 -8 | 2328' | .03-1/2 | 81.48 |
| 167 | Pcs. 8 x 10 -16 | 2672' | .04-3/10 | 114.90 |
| 1685 | Pcs. Lagging 7' Long | 11795' | .60 | <u>70.77</u> |

Total Mine Timber

1011.62

F U E L .

| | | | |
|-----|-----------------|------|--------|
| 236 | Tons Steam Coal | 4.00 | 944.00 |
|-----|-----------------|------|--------|

Total Fuel

944.00

Imperial Mine

BARN EQUIPMENT .

- 1 Bay Mare - Bought by Cleveland Cliffs Iron Co.
- 1 Road Wagon "
- 1 Light Sleigh - Belongs to Hard Ore.
- 2 Dump Carts - At Webster - Belongs to Hard Ore

Record

- 1 #10 Knowles Imperial Warehouse { Doesn't belong to Imp. or (Webster.
- 1 #6 " Imperial Pumping Station) { *Belong to Selkoning Mines.* " }

CLIFFS SHAFT COMPANY.

CLEVELAND-CLIFFS IRON CO.

Recapitulation of Imperial Mine Inventory, November 30th, 1901.

| | Net Amount |
|-----------------------|---------------|
| General Supplies | 83.66 |
| Iron & Steel | 65.06 |
| Oil, Grease & Wandles | |
| Machinery Supplies | 292.44 |
| Building Material | 174.47 |
| Explosives | |
| Mine Timber | 1011.62 |
| Fuel | 944.00 |
| Total | <hr/> 2571.25 |

MADE IN U.S.A.
CLIFFS
CLEVELAND, OHIO



Webster Mine.

B U I L D I N G S .

- 1 Frame Engine House & Boiler House connected
- 1 Frame Dry House
- 4 Frame Dwellings

P L A N T .

- 1 Hoisting Engine- Webster, Camp & Lane-20x 32 Cylinder
- 2 5' Drums - Bought from Iron Cliffs Co. -"Fitch" 1000' Wire Rope
- 1 #20 Hancock Inspirator
- 1 Steam Feed Water Heater
- 1 6 - 4 -6 Prescott Pump (Boiler Feed)
- 2 #5 Knowles Pumps -Bought from Cliffs Shaft & Hard Ore
- 1 3 1/2 x 15 Boiler
- 1 60" x 16' Horizontal Tubular Boiler - Bought from Michigamme Mine
- 1 Water Tank 15 x 15 x 10
- 1 2 Ton Skip
- 6 Iron Tram Cars
- 2 Wood Tram Cars



CLEVELAND IRON MINING COMPANY.

Michigamme Mine Inventory , November 30th, 1901.

---oOe---

BUILDINGS.

- 1 Crusher Building with Engine House Attached
- 1 Pump House for Fire & Water Supplies
- 1 Trestle from #4 Shaft to Crusher
- 1 Trestle from #6 Shaft to Crusher
- 1 Trestle from CoalPocket to Boiler House
- 1 Trestle from Crusher to Stock Pile Ground
- 1 Coal Pocket West of Crusher Building
- 1 Smoke Stack - 60' High 60" Diameter

PLANT. *Removed to Subpaving*

BOILER AND ENGINE HOUSE

- 1 Berryman Feed Water Heater 8-1/2' x 32"
- 1 1-1/2" Shaeffer & Budenberg Water Metre
- 1 Burt Oil Filter
- 3 Boilers 18" x 66"
- 1 Prescott Feed Pump 10 x 6 x 10 #1071
- 1 Large Coal Car
- 1 Pr. Fairbanks Scales 6000# Cap.
- 1715' 1-1/8" Wire Rope from #4 Shaft
- 1090' 1-1/8" Wire Rope from #6 Shaft
- 1695' 1-1/8" Wire Rope at Coal Pocket

CRUSHER.

- 1 14 x 36 E.P.Allis Co. Corliss Engine, Pulleys Belts & Shafting
- 1 30 x 30 Hodge Crusher
- 1 Travelling Crane
- 3 2 Ton Crusher Tram Cars
- 1240' 5/8" Steel Cable
- 1 Ledgerwood Drum 42" Diameter
- 2 Ledgerwood Drums 33" Diameter
- 1 High Pressure Steam Trap
- 1 6" Relief Valve

Michigamme Mine

GENERAL SUPPLIES.

| | | | |
|----|--|------|-------|
| 1 | B. S. Smoke Stack | | 3.00 |
| 1 | " Bonnett | | 3.00 |
| 1 | B. S. Bellows | | 9.00 |
| 3 | B. S. Vises | 3.00 | 9.00 |
| 3 | B. S. Anvils | | 50.00 |
| 1 | Old Pipe Vise Broken | | 1.50 |
| 1 | B. S. Horn | | 6.00 |
| 1 | B. S. Upsetting Block 3' dia. x 3" thick | | 7.00 |
| 29 | Prs. B. S. Tongs | .50 | 14.50 |
| 1 | B. S. Swedge Block 300# | | 15.00 |
| 6 | B. S. Hammers | .25 | 1.50 |
| 4 | B. S. Hand Punghes | .10 | .40 |
| 5 | B. S. Cold Chisels | .10 | .50 |
| 2 | B. S. Forge Drums | 2.00 | 4.00 |
| 11 | B. S. Tap Swedges 1/2" to 2-" | .40 | 4.40 |
| 10 | B. S. Bottom Swedges | .40 | 4.00 |
| 1 | B. S. Flatter | | 1.00 |
| 1 | B. S. Fuller | | .60 |
| 2 | Sets Splitting Tools | 2.50 | 5.00 |
| 1 | Set 1 1/2" Sq. Punch | | .50 |
| 8 | B. S. Hand Punches | .10 | .80 |
| 1 | B. S. 18" Monkey Wrench | | .75 |
| 2 | Sets Steel Figures | 2.00 | 4.00 |
| 1 | Old Shovel | | .25 |
| 2 | B. S. Fire Shovels | .25 | .50 |
| 17 | B. S. Heading Tools | .25 | 4.25 |
| 1 | 2' Steel Square | | .75 |
| 1 | Old Platfrom Scales | | 3.00 |
| 1 | B. S. Shoqing Hammer | | .50 |
| 1 | Farriers Knife N. G. | | |
| 1 | Shoe Clinch | | .10 |
| 1 | B. S. Shoring Tongs | | .50 |
| 2 | Cold Chisels | .10 | .20 |

Total For'd 155.50

Michigamme Mine

GENERAL SUPPLIES (CONTINUED).

| | | | |
|------|-------------------------------|-------|--------------|
| | | For'd | 155.50 |
| 2 | B. S. Hand Punches | .10 | .20 |
| 1 | Horse Rasp N. G. | | |
| 22 | Old Files Assorted | | 1.00 |
| 1 | Platform Scales Good | | 10.00 |
| 2 | #14 Fulcan Chain Tongs | 2.00 | 4.00 |
| 1 | #3 Fulcan Chain Tongs | | 2.00 |
| 1 | #4 Crane Chain Tongs | | 2.00 |
| 1 | Box Small Chain Tongs Broken | | 2.00 |
| 1 | Box Large Chain Tongs | | 2.00 |
| 1 | Large Chain Tongs Home Made | | 4.00 |
| 1 | Small Chain Tongs Home Made | | 4.00 |
| 17 | Squirt Cans | .10 | 1.70 |
| 10 | 1 qt. Gal. Oilers | .10 | 1.00 |
| 20 | 2 Gal. Cans | .15 | 3.00 |
| 22 | 1 Gal. Cans | .10 | 2.20 |
| 5 | 1 Gal. Measures | .15 | .75 |
| 7 | Funnels | .10 | .70 |
| 2 | Oil Dippers | .10 | .20 |
| 4 | Old Pails | .20 | .80 |
| 1 | Old Fibre Pail | | .20 |
| 15 | Old Lanterns | .15 | 2.25 |
| 6 | Street Lamps | 2.00 | 12.00 |
| 3 | " No Burner or Chimneys | 1.00 | 3.00 |
| 1 | #2 Rochester Lamp N.G. | | |
| 13 | #3 " | 2.00 | 26.00 |
| 2 | Old Wall Lamps | .15 | .30 |
| 12 | Large Miners Lamps | .15 | 1.80 |
| 7 | Old Powder Thawers | .25 | 1.75 |
| 1 | Old File Brush | | .05 |
| 2 | Old Counter Brushes | .10 | .20 |
| 4 | Small Drip Pans 1" x 5" x 10" | .20 | .80 |
| 7 | Tea Pots | .15 | 1.05 |
| 1780 | # Old Chain | .02 | <u>35.60</u> |

Total 126.55

3
Total Amount For'd 282.05

Michigamme Mine

GENERAL SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | 282.05 |
|-----|----------------------------------|--------------------|--------|
| 49 | # 3/4" Manilla Rope | .02 | .98 |
| 380 | # 1" " | .05 | 19.00 |
| 122 | # 1 1/4" " | .02 | 2.44 |
| 405 | # 1 1/2" " | .07 | 28.35 |
| 121 | # 1 1/2" " | .02 | 2.42 |
| 590 | # 2" " | .08 | 47.20 |
| 1 | Gauge Glass Cutter | | .25 |
| 1 | Pr. Chain Blocks | | 8.00 |
| 1 | " 1 1/2" Triple Iron Blocks | | 13.00 |
| 3 | " 1 1/2" Iron Snatch Blocks 5.00 | | 15.00 |
| 1 | " 1 1/4" Double Iron Block | | 12.00 |
| 1 | " 1" Triple Iron Blocks | | 3.00 |
| 1 | " 1" Double Wood Block | | 1.50 |
| 1 | " 3/4" Double Wood Block Poor | | |
| 1 | Only 3/4" Double Iron Blocks | | .85 |
| 1 | Only 3/4" Single Iron Block | | .50 |
| 1 | 5' x Cut Saw | .30 | 1.50 |
| 2 | 5 1/2' x Cut Saw | .30 | 3.30 |
| 2 | Large Spike Bars | 1.25 | 2.50 |
| 3 | Small Spike Bars | .75 | 2.25 |
| 1 | #2 3 Wheeled Pipe Cutter | | 1.75 |
| 5 | 4" Electric Bells | 3.00 | 15.00 |
| 8 | 6" " | 4.00 | 32.00 |
| 2 | 10" " | 8.00 | 16.00 |
| 24 | Push Buttons | .20 | 4.80 |
| 18 | Glass Insulators | .02 | .36 |
| 288 | # Dark Color Insulated Wire | .20 | 57.60 |
| 138 | # Light " | .20 | 27.60 |
| 1 | Iron Pat | | .15 |
| 14 | Sampson Battery Jars | .50 | 7.00 |
| 4 | Sampson Battery Zincs | .10 | .40 |
| 1 | Reel 700 5/8" Wire Rope #6 | .04 1/2 | 31.50 |
| 1 | Reel 487 5/8" " 4#4 | .03 | 14.61 |
| | | | 372.81 |
| | Total Amount For'd | | 654.86 |

Michigamme Mine

GENERAL SUPPLIES (CONTINUED)

| | | Amount Bro't For'd | 654.86 |
|-------|-------------------------------------|--------------------|----------------|
| 1 | Reel 793 5/8" Wire Rope Stock Pile | .04-1/2 | 35.68 |
| 1 | " 800 5/8" " " | .04-1/2 | 36.00 |
| 1695' | 1-1/8" Wire Rope #5 Coal Dock | .09 | 152.55 |
| 1615' | 1-1/8" " #4 Hoisting Rope | .06 | 96.90 |
| 1090' | 1-1/8" " #6 Hoisting Rope | .09 | 98.10 |
| 1 | Large Iron Ash Barrow | | 7.00 |
| 1 | Small Iron Ash Barrow | | 5.00 |
| 1 | Old Iron Body Wheel Barrow | | 1.25 |
| 1 | Old Wood Wheel Barrow | | .50 |
| 1 | Doyle Log Rule | | .25 |
| 1 | Carpenters Boring Machine & 3 Bitts | .50 | 1.50 |
| | Boring Machine is Broken N. G. | | |
| | 1/2 # Monson's Tape | .60 | .30 |
| 23 | Old Pall Picks | .25 | 5.75 |
| 9 | " | .50 | 4.50 |
| 2 | Rail Road Picks | .50 | 1.00 |
| 12 | Old Sledges | .75 | 9.00 |
| 1 | 25# Machinists Sledge | | 2.25 |
| 6 | Striking Hammers | .75 | 4.50 |
| 1 | Striking Hammer Old | | .50 |
| 2 | Sledges | 2.00 | 4.00 |
| 1 | Sledge Old | .40 | 1.00 |
| 4 | S. B. Axes Old | | 1.60 |
| 1 | Claw Hammer Old | | .25 |
| 1 | Carpenter's Wood Bench Vise | | 1.50 |
| 1 | Timber Hook | | .50 |
| 7 | Old Cant Hooks | .50 | 3.50 |
| 2 | Cant Hooks Hooks Only | .25 | .50 |
| 120 | # Grinding Stone | .02 | 2.40 |
| 5 | Small Fire Extinguishers | .25 | 1.25 |
| | Total | | 479.03 |
| | Amount For'd | | <u>1133.89</u> |

Michigamme Mine

GENERAL SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | 1133.89 |
|-----|-------------------------------|--------------------|--------------|
| 1 | Cross Cut Saw Handle | .10 | |
| 6 | Steel Clamps for Wood Work | .40 | 2.40 |
| 112 | ' Iron Rd. Ladders Poor | .02 | 2.24 |
| 173 | # Pig Lead | .05 | 8.65 |
| 6 | Boxes Carbon for Battery Jars | .05 | .30 |
| 3 | Old Scoop Shovels | .25 | .75 |
| 1 | Old Coal Shovel | | .25 |
| 1 | Old Rd. Pt. Shovel | | .15 |
| 1 | Old Sq. Shovel | | .25 |
| 3 | 12" Monkey Wrenches | .40 | 1.20 |
| 3 | 12" " | .25 | .75 |
| 4 | 15" " | .75 | 3.00 |
| 5 | 15" " | .40 | 2.00 |
| 2 | 18" " | 1.00 | 2.00 |
| 1 | Stillons Pipe Wrenches | | 1.00 |
| 1 | 16" " | | 1.00 |
| 2 | 24" " | 1.50 | 3.00 |
| 1 | Old Pipe Vise #110 Broken | | 4.00 |
| 1 | Good #110 Vise | | 10.00 |
| 1 | " Pipe Vise #66 | | 18.00 |
| 1 | 10" Hack Saw Frame | | 1.00 |
| 1 | 12" " | | 1.00 |
| 9 | 12" Hack Saw Blades | .90 | .67 |
| 6 | 10" " | .80 | .40 |
| 3 | 10" " | .80 | .20 |
| 1 | #2 Rochester Chimney | | .09 |
| 1 | #3 " | | .18 |
| 1 | 1-1/2" Ship Auger | | .75 |
| 1 | 1-3/4" " | | .90 |
| 1 | 2" " | | 1.00 |
| 3 | Packing Hooks | .05 | .15 |
| 2 | Scratch Awls | .05 | .10 |
| 1 | 3 Pulley for Tackle Block | | .10 |
| | | | <u>67.58</u> |

Total Amount For'd

1201.47

Michigamme Mine

GENERAL SUPPLIES (CONTINUED).

| | Amount | Bro't For'd | | 1201.47 |
|---|--------|-------------|-----------------------------------|-------------------------|
| 1 | | | 4 3/4 Pulley for Tackle Block | .15 |
| 2 | | 1.00 | prs. 16" Callipers | 2.00 |
| 1 | | | Pipe Cutter Wheel | .10 |
| 1 | | | Pr. Turners Snips | 1.00 |
| 1 | | | Breast Drill | 2.00 |
| 1 | | | Ratchet Drill | 3.50 |
| 1 | | | Surface Combination Gauge | 1.50 |
| 3 | | .75 | Ladles for Metal | 2.25 |
| 1 | | | Set Belt Splicing Tools | 2.00 |
| 1 | | | Pr. Climbers | 1.00 |
| 1 | | | Glue Pot | .50 |
| 1 | | | Oil Stove | .75 |
| 1 | | | Spirit Level | .50 |
| 1 | | | 2' Steel Square | .50 |
| 3 | | 12.50 | Old Blasting Batteries | 37.50 |
| 4 | | .15 | Small Car Bitts | .60 |
| 3 | | .25 | Old Augers | .75 |
| 1 | | | Machinists Hand Hammer | .50 |
| 2 | | .25 | " | .50 |
| 1 | | | Oil Filter | 18.00 |
| 1 | | | Small Letter Press | 1.00 |
| 1 | | | Large Letter Press | 1.50 |
| 1 | | | Lot Drip Pans | 5.00 |
| 1 | | | Engineers Link Chain | |
| 1 | | | Engineers (Leveling Rod or Staff) |) Belongs to Eng. Dept. |
| 1 | | | Letter Scales | 1.00 |
| 1 | | | Paper Weight | .15 |
| 1 | | | Tape Line & Case | 1.00 |
| 2 | | | Clocks | 4.50 |
| 1 | | | Waste Basket | .25 |
| 1 | | | Large Standing Desk | |
| 1 | | | Walnut Desk with Top | 2.00 |
| 1 | | | Small Table Desk | 1.50 |
| 1 | | | Drawing Board & 2 Horses | 2.00 |
| 1 | | | High Stool | .50 |
| | | | | <u>96.00</u> |
| | | | Total Amount For'd | 1297.47 |

Michigamme Mine

GENERAL SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | | 1297.47 |
|---|------------------------------------|--------------------|------|---------|
| 1 | Wood Bottom Chair | | .50 | |
| 3 | Cone Bottom Chairs | 1.00 | 3.00 | |
| 1 | Set 1-1/4 to 2" Stock & Dies | | 4.00 | |
| 1 | Set " " No Dies | | 1.50 | |
| 1 | Set 3/4" Stock N.G. | | | |
| 1 | Set Dies 2 - 1/2 -2 - 3/4 & 1 - 1" | | 2.00 | |
| 1 | Oil Bbl. Gauge | | .75 | |
| 1 | Set 1/2 & 5/8" Bolt Dies in 2 pcs. | | 6.00 | |
| 1 | Set 5/8" Bolt Dies A & B " | | 7.50 | |
| 1 | " 3/4 & 7/8" Bolt Dies " | | 6.00 | |
| 1 | " 1 & 1 1/8 Bolt Dies " | | 7.00 | |
| 1 | " 1-1/4 & 1-1/2 " " | | 9.00 | |
| 1 | 1/4"Set Taper Nut Tap | | .12 | |
| 1 | 1/4" Plug " | | .12 | |
| 2 | 7/16" Plug " | .18 | .36 | |
| 1 | 7/16" Taper " | | .18 | |
| 1 | 3/8" Taper " | | .19 | |
| 2 | 3/8" Plug " | .19 | .38 | |
| 2 | 1/2" " " | .20 | .40 | |
| 1 | 1/2" Taper " | | .20 | |
| 3 | 5/8" " " | .25 | .75 | |
| 1 | 5/8" Plug " | | .25 | |
| 2 | 3/4" " " | .33 | .66 | |
| 2 | 3/4" Taper " | .36 | .66 | |
| 2 | 7/8" " " | .50 | 1.00 | |
| 2 | 7/8" Plug " | .50 | 1.00 | |
| 2 | 1" " " | .65 | 1.30 | |
| 2 | 1" Taper " | .65 | 1.30 | |
| 2 | 1 1/8" Taper " | .69 | 1.36 | |
| 2 | 1-1/8" Plug " | .68 | 1.36 | |
| 2 | 1-1/4" " " | .75 | 1.50 | |
| 2 | 1-1/4" Taper " | .75 | 1.50 | |
| 3 | 1 3/8" " " | 1.40 | 4.20 | |

66204

Total Amount For'd

1363.51

GENERAL SUPPLIES (CONTINUED).

| | | Amount Bro't For'd | 1363.51 |
|------------------------|-----------------------------|--------------------|--------------|
| 3 | 1-1/2" Taper Nut Tap | 1.60 | 4.80 |
| 1 | 1/4" Plug Gas Pipe Nut Tap | | .20 |
| 1 | 3/8" " " | | .25 |
| 1 | 1/2" " " | | .35 |
| 1 | 3/4" " " | | .45 |
| 1 | 1" " " | | .55 |
| 1 | 1-1/4" " " | | .65 |
| 1 | 2" " " | | 1.05 |
| 1 | 1-1/2" " " | | .85 |
| 1 | 5/8" Bolt Die | | .85 |
| 1 | Small Drill Press Chuck | | 7.00 |
| 23 | Twist Drill for Drill Press | | 9.00 |
| 15 | Steel Tools for Drill Press | | 3.00 |
| 1 | Rocker Pin Reamer | | 1.00 |
| 1 | 5/8" Screw Plate Die | | .25 |
| 1 | 3/4" " " | | .25 |
| 1 | " " N. G. | | |
| 1 | B. S. Stock & Dies | <u>16.00</u> | <u>46.50</u> |
| Total General Supplies | | | 1410.01 |

Michigamme Mine

IRON AND STEEL.

| | | | | |
|------|----------------------------|--------------|-------------|-------------|
| 327 | ' 16# Rail | 1744# | | |
| 3241 | ' 20# " | 21606# | | |
| 4004 | ' 30# " | 40040# | | |
| 300 | ' 45# " | 4500# | | |
| 445 | ' 56# " | <u>8307#</u> | 76197#10.00 | 340.17 |
| 6 | 2-1/2 x 1/2" Machine Bolts | | .011/2 | .09 |
| 10 | 3 x 5/8" " | | .02 | .20 |
| 1 | 4 x 3/4" Lag Screw | | | .03 |
| 3 | 10 x 5/8" " | | .03-1/4 | .10 |
| 17 | # Washers | | .03 | .51 |
| 8 | # Cast Washers | | 2.75 | .22 |
| 75 | # Nuts | | .06 | 4.50 |
| 83 | # R.R. Spikes | | 2.10 | 1.74 |
| 2 | Old Tram Car Axles | | .50 | 1.00 |
| 1 | Old Skip Axles | | | .50 |
| 1 | Old Packet Axles | | | .50 |
| 3 | Old Skip Bales | | .50 | 1.50 |
| 275 | # Old 3" Bolts | | 10.01 | 2.75 |
| 1 45 | # Shrone Plates | | 10.00 | 4.72 |
| 450 | # Old Pipe Clamps | | .01 | 4.50 |
| 4 | Rope Socket | | .75 | 3.00 |
| 1 | 18" Turn Buckle | | | .50 |
| 58 | # Old Cast Washers | | 10.00 | .29 |
| 205 | # Old Belting | | .00 1/2 | 1.03 |
| 10 | # Old Rope Clamp & Rings | | .02 | .20 |
| 307 | # Steel Bars | | .06 | 18.42 |
| 36# | Steel Chisels & Drifts | | .06 | <u>2.16</u> |

Total Iron and steel

384.63

Michigamme Mine

M A C H I N E R Y S U P P L I E S

| | | | | |
|----|----------------|-----------------------|--------------|------|
| 2 | 1/2" Bushings | .04 | .08 | |
| 2 | 3/4" " | .05 | .10 | |
| 1 | 1" " | | .06 | |
| 1 | 1-1/2" " | | .09 | |
| 4 | 2" " | .14 | .56 | |
| 2 | 3" " | .30 | .60 | |
| 2 | 4" " | .50 | 2.00 | |
| | | | <u>3.49</u> | |
| | | Less 80% | <u>2.79</u> | .70 |
| 2 | 3/8" Couplings | .06 | .12 | |
| 4 | 1/2" " | .07 | .28 | |
| 3 | 3-3/4" " | .10 | .30 | |
| 1 | 1" " | | .13 | |
| 1 | 1-1/4" " | | .17 | |
| 5 | 1-1/2" " | .21 | 1.05 | |
| 8 | 2-1/2" " | .40 | 3.20 | |
| 2 | 3" " | .60 | 1.20 | |
| 4 | 4" " | 1.00 | 4.00 | |
| | | | <u>10.45</u> | |
| | | Less 75% | <u>7.84</u> | 2.61 |
| 5 | 1/4" Elbows | .05 | .25 | |
| 1 | 3/8" " | | .05 | |
| 1 | 3/4" " | | .08 | |
| 1 | 2" " | | .28 | |
| 1 | 1" " | | .11 | |
| | | | <u>.77</u> | |
| | | Less 75 & 5% | <u>.59</u> | .18 |
| 5 | 1/4" Nipples | .06 | .30 | |
| 4 | 3/8" " | .06 | .24 | |
| 4 | 1/2" " | .07 | .28 | |
| 1 | 3/4" " | | .09 | |
| 2 | 1" " | .15 | .30 | |
| 25 | 1" " R. & L.H. | .15 | 3.75 | |
| 19 | 2-1/2" " | .59 | 11.21 | |
| | | | <u>16.17</u> | |
| | | Less 80% | <u>12.94</u> | 3.23 |
| | | 11 Total Amount For'd | | 6.72 |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED)

| | | Amount Bro't For'd | | 6.72 |
|-----------------------|-----------------------------|--------------------|--------------|--------------|
| 1 | 6" Cast Iron Elbow | | .50 | |
| 1 | 6" Cast Iron Tee | | .50 | |
| 1 | 4" " | | .30 | |
| 1 | 3/8" Plug | | .02 | |
| 1 | 1/2" " | | .02 | |
| 3 | 3/4" " | .03 | .09 | |
| 1 | 1-1/4" " | | .05 | |
| 2 | 1-1/2" " | .07 | .14 | |
| 4 | 3" " | .25 | 1.00 | |
| 4 | 4" " | .42 | 1.68 | |
| 1 | 6" " | | 1.20 | |
| | | | <u>4.20</u> | |
| Less 80% | | | 3.36 | .84 |
| 3 | 1/2" Malleable Unions | .22 | .66 | |
| 4 | 3/4" " | .27 | 1.08 | |
| | | | <u>1.74</u> | |
| Less 80% | | | 1.39 | .35 |
| 2 | 3" Wine Bores | 1.50 | 3.00 | |
| 4 | 4" " | 2.00 | 8.00 | |
| 2 | 6" " | 2.50 | 5.00 | |
| 1 | 8" " | | 3.00 | |
| | | | <u>19.00</u> | |
| Less 50% | | | 9.50 | 9.50 |
| 1 | Pr. 1-1/4" Flanges No Bolts | | .64 | |
| 2 | " 1-1/2" " | .76 | 1.52 | |
| 11 | " 2" " | 1.00 | 11.00 | |
| 2 | " 2-1/2" " | 1.25 | 2.50 | |
| 11 | " 3" " | 1.50 | 16.50 | |
| 4 | " 4" " | 2.10 | 8.40 | |
| 2 | " 5" " | 3.15 | 6.30 | |
| 12 | " 6" " | 3.95 | 47.40 | |
| 1 | " 5 x 6 " | | 3.55 | |
| | | | <u>97.81</u> | |
| Less 85% | | | 83.14 | 14.67 |
| 12 Total Amount For'd | | | | <u>26.65</u> |
| | | | | 33.83 |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | | 33.38 |
|----|--|--------------------|---------------|---------------|
| 2 | 1/8" Pet Cocks Old | .05 | .10 | |
| 2 | 1/2" " | .10 | .20 | |
| 5 | 1/2" " | .15 | .75 | |
| 18 | 1" Pratts Air Cocks | .25 | 4.50 | |
| 2 | 2" " | 1.00 | <u>2.00</u> | 7.55 |
| 1 | 3" Expansion Joint Short Trowel Broken | | | |
| 1 | 3" Expansion Joint Long Trowel | | | 10.00 |
| 4 | 4" " | 12.00 | | 48.00 |
| 7 | 1/4" Globe Valves to be Repaired | | | |
| | | .72 | 5.04 | |
| 6 | 3/8" " | .77 | 4.62 | |
| 24 | 1/2" " | 1.00 | 24.00 | |
| 15 | 3/4" " | 1.26 | 18.90 | |
| 26 | 1" " | 1.80 | 46.80 | |
| 6 | 1-1/4" " | 2.52 | 15.12 | |
| 14 | 2" " | 5.30 | 74.20 | |
| 11 | 1/2" Angle Globe to be Repaired | | | |
| | | 1.00 | 11.00 | |
| 7 | 3/4" " | 1.26 | 8.82 | |
| 3 | 1-1/4" " | 2.52 | 7.56 | |
| 1 | 1-1/2" " | | 3.50 | |
| 2 | 2" " | 5.30 | <u>10.60</u> | |
| | | | 230.16 | |
| | Less 85% | | <u>195.64</u> | 34.52 |
| 1 | 3/4" A.D. Globe Valve to be Repaired | | 2.20 | |
| 3 | 1" " | 2.80 | 8.40 | |
| 4 | 1-1/2" " | 5.50 | 22.00 | |
| 1 | 2" " | | <u>8.75</u> | |
| | | | 41.35 | |
| | Less 80% | | <u>33.08</u> | 8.27 |
| | Total | | | <u>108.34</u> |
| | Total Amount For'd | | | 141.72 |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | 141.72 |
|-----|---|--------------------|-------------------------|
| 2 | 1" Gate Valves to be Repaired. | 2.50 | 5.00 |
| 1 | 1-1/2" " " | | 5.00 |
| 10 | 2" " " | 7.50 | <u>75.00</u> |
| | | | 85.00 |
| | Less 80% | | <u>68.00</u> 17.00 |
| 14 | 2-1/2" Iron Body Gate Valves | 12.00 | 168.00 |
| 2 | 4" " to be Rep. | 20.00 | 40.00 |
| 3 | 6" " " | 30.00 | <u>90.00</u> |
| | | | 298.00 |
| | Less 75 & 10% | | <u>230.95</u> 67.05 |
| 5 | 2-1/2" I.B. Globe Valves To Be Repaired | 7.35 | 36.75 |
| 5 | 3" " " | 9.80 | <u>49.00</u> |
| | | | 85.75 |
| | Less 80% | | <u>68.60</u> 17.15 |
| 1 | 2-1/2" Cleovouck Pump Governor | | 30.00 |
| 1 | 6" Toledo Safety Valve | | 5.00 |
| 1 | 1" Brass Expansion Joint | | 3.00 |
| 2 | 6" 4" Extra Heavy Pipe | 1.50 | 3.00 |
| 10' | 6" 5" " | 2.16 | 21.60 |
| 67" | 6" " | 2.90 | <u>194.30</u> |
| | | | 218.90 |
| | Less 60% | | <u>131.34</u> 87.56 |
| 3 | 3" Nipples | .72 | 2.16 |
| 2 | 6" " " | 1.97 | <u>3.94</u> |
| | | | 6.10 |
| | Less 80% | | <u>4.88</u> 1.22 |
| 4 | 5" Bushings | .93 | 3.72 |
| 4 | 6" " " | 1.25 | <u>5.00</u> |
| | | | 8.72 |
| | Less 75 to 5% | | <u>6.86</u> 1.86 229.84 |
| | Total Amount For'd | | <u>371.56</u> |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

371.56

| | | | |
|----|-----------------------------------|-------|-------|
| | | For'd | |
| 3 | 5" Ludlow Gate Valves | 5.00 | 15.00 |
| 1 | 6" " | | 7.00 |
| 2 | 6" Chapman Gate Valves | 21.00 | 42.00 |
| 3 | 6" Chapman Angle Gate Valve | 23.00 | 69.00 |
| 4 | Boiler Flanges on Safety Valves | 1.00 | 6.00 |
| 21 | 6" Heavy Cast Flanges on Pipe | 1.00 | 21.00 |
| 6 | 6" Heavy Flanged Tees | 5.00 | 30.00 |
| 4 | 6" Heavy Flanged Elbows | 3.75 | 15.00 |
| | 1/2 Pr. 5" Flanges | .60 | .30 |
| 1 | 5" Tee | | .70 |
| 1 | 5" Elbow | | .45 |
| 3 | 5" Flanges | .75 | 2.25 |
| 3 | Wright's High & Low Water Columns | | |
| | | 11.15 | 33.45 |

All Boiler Connections in H.O. Yard

| | | | |
|---|--------------------------|-----------------|-------|
| 1 | 1" Heater 3' 6" Long | 6 Pipes | 2.25 |
| 1 | 1" # 4' 3" " | 6 " | 3.00 |
| 1 | 1" " 4' " | 6 " | 3.00 |
| 1 | 1" " 6' 10" " | 5 " | 3.00 |
| 1 | 1" " 10' 10" " | 5 " | 4.00 |
| 1 | 1" " 12' " | 5 " | 4.50 |
| 1 | 1" " 12' 8" " | 5 " | 4.75 |
| 1 | 1" " 13' 6" " | 5 " | 5.00 |
| 1 | 1" " 16' 10" " | 5 " | 6.25 |
| 1 | 1" " 23' 4" " | 5 " | 9.00 |
| 1 | 1" " 24' " | 5 " | 9.50 |
| 1 | 1" " 28' " | 5 " | 11.00 |
| 1 | 1-1/2" Heater 7' 6" Long | 5 Pipes | 4.00 |
| 1 | 1-1/2" " 8' 6" " | 4 " | 4.00 |
| 1 | 2" " 8' " | 4 " | 5.00 |
| 1 | 2" " 8' " | 5 " | 5.50 |
| 1 | 2" " 14' " | 1-1 & 5-2 Pipes | 9.00 |
| 2 | 1" x 24" Upright Heater | 30 - 1" Pipes | |
| | | 5.00 | 10.00 |

Total

344.90

Total Amount For'd

716.46

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | | |
|-----|---|---------|--------------|
| 75 | Center Bolts | | 716.46 |
| 23 | Cylinder Studs | | |
| 11 | Sets Cylinder Rings | N. G. | |
| 21 | Cylinder Studs | N. G. | |
| 16 | Old Chuck Wrenches | | |
| 7 | " | N. G. | |
| 1 | Old Chuck Bolt | | |
| 5 | Feed Nuts | | |
| 5 | Old Slide Valves | N. G. | |
| 12 | Prs. Pawls | N. G. | |
| 8 | Old Valve Seats | N. G. | |
| 4 | #3 C.& P. Rods | | |
| 10 | # Slide Valve Castings | | |
| 30 | # Rockers | | |
| 36 | # Old Stuffing Box Castings | | |
| 9 | # Buffer Yokes | | |
| 20 | # Leg Weight Clamps | | |
| 2 | Old Chuck Keys | | |
| 3 | Old Feed Handles | | |
| 2 | Old Sleeves | | |
| 6 | Old Stuffing Boxes | | |
| 1 | #3 Rand Drill Pipe Leg with Rear Leg Casting & Sleeve Attached | | |
| 23 | # Piston Ring Casting | 2.75 | .63 |
| 192 | # Cast Iron Flanges | 10.00 | .96 |
| 24 | # Cast Iron Wheel Caps | 2.75 | .66 |
| 6 | # Cast Iron Wheels | .01 | .06 |
| 82 | # Cast Iron & Wrought Plugs | | |
| 2 | 16" Mang. Steel Hind Skip Wheels' | 9.98 | 19.96 |
| 2 | 16" Mang. Steel Front Skip Wheels | 7.65 | 15.30 |
| 2 | 18" Mang. Steel Tram Car Wheel | 4.00 | 8.00 |
| 328 | # Packet Gear Wheels on Axles | .02-1/2 | 8.20 |
| | | | <u>53.77</u> |
| | Total Amount For'd | | 770.23 |

Michigan Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | 770.23 |
|--------------------------|--|--------------------|--------------|
| 220 | # Timber Winch Gears & Drums .02-1/2 | 5.50 | |
| 180 | # Cast Iron Trestle Rollers .01-1/2 | 2.70 | |
| 1503 | # Pillow Boxes & Sheave Brackets.01-1/2 | 22.55 | |
| 1 | Pr. 4" Pillow Boxes | 3.00 | |
| 880 | # 8" Knuckle Sheaves 44 10.00 | 4.40 | |
| 377 | # 8" Knuckle Sheave Axles 374410.00 | 1.88 | |
| 11 | Tank Iron Trestle Rollers .25 | 2.75 | |
| 1 | #7 Knowles Pump Rocker | .50 | |
| 1 | Set #7 Knowles Pump Forks | .50 | |
| 1 | Old Diamond Drill Chuck | | |
| | 1/4 # Rubber Gaskets | .10 | |
| 2 | Large Rubber Rings | | |
| 2 | Small Pump End Gaskets | | |
| 5 | # Rainbow Gaskets | | |
| 33 | # Black Rubber | | |
| 4 | # Pump Valves .75 | 3.00 | |
| 7 | # Flax Packing .36 | 2.52 | |
| 2 | # Sq. Rubber Packing .38 | .76 | |
| 5 | # Pump Springs .20 | 1.00 | |
| 8 | 16 x 1/2" W.G.Glasses .05 | .40 | |
| 2 | 14 x 5/8" " .85 Doz. | .14 | |
| 27 | 16 x 5/8" " .90 | 2.03 | |
| 2 | 14 x 3/4" " 1.05 | .18 | |
| 10 | 16 x 3/4" " 1.20 | 1.00 | |
| 1 | 10-1/2 x 3/4" " .90 | .08 | |
| 2 | 1-1/4" Oil Cup Glasses .10 | .20 | |
| 3 | 1-1/2" " .10 | .30 | |
| 2 | 2-1/2" " " .10 | .20 | |
| 13 | Brass Hose Coupling Clamps for garden hose .05 | .65 | |
| 2 | 3/8" Brass Bushings .05 | .10 | |
| 4 | Brass Hose Coupling Parts | | |
| Total | | | <u>56.44</u> |
| Total Amount Bro't For'd | | | 826.67 |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | Amount Bro't For'd | | 820.67 |
|---|--------------------|-------|--------|
| 135 # Large Brass Rings | .10 | 13.50 | |
| 1 Iron Lined Brass Bushing Finished | | 2.00 | |
| 1 Brass Bushing 5" 2 D. x 6-1/2" | .10 | | |
| 35 # Brass Bushings Split 4" Long 3-3/4 2 D. Rough | .20 | 7.00 | |
| 15 # Brass Journals 1 Pr. | .10 | 1.50 | |
| 3 # Brass Journals 1 Pr. | .10 | .30 | |
| 21-1/2# Hose Coupling Casting | .10 | 2.15 | |
| 10 2-1/2" Brass Hose Connections | 1.00 | 10.00 | |
| 2 #2 Cleavouck Steam Traps | 10.00 | 20.00 | |
| 1 Small Brass Strainer | | .05 | |
| 1 1-1/2" Water Meter | | 10.00 | |
| 1 Pump Regulator | | 12.00 | |
| 1 1-1/2" Reduction Valve | | 12.00 | |
| 2 Small Cast Iron Powells Pat. Grease Cups | .25 | .50 | |
| 7 #2 Lunkenheimer Grease Cups | .25 | 1.75 | |
| 2 Large Brass Grease Cups | .75 | 1.50 | |
| 5 Brass Steam Gauge Cocks | .10 | .50 | |
| 2 3/4" BallGauge Cocks | .60 | 1.20 | |
| 1 5" Steam Gauge | | 4.00 | |
| 2 6" Steam Gauge Old | 4.00 | 8.00 | |
| 8 #4-1/4 Michigan Glass Oil Cups | 1.00 | 8.00 | |
| 3 #11 " | .75 | 2.25 | |
| 1 1/2 Pt. Air Cylinder Lubricator | | 3.00 | |
| 2 2-1/2 Wood Handle Lubricator | | .50 | |
| 2 2" " | .25 | .50 | |
| 2 #4 Spg. Top Detroit Grease Cups | .25 | .50 | |
| 1 3/8" Wadham's Grease Cups | | .25 | |
| 1 1Pt. Detroit Lubricator N. G. | | | |
| 4 1 Pt. " | 2.50 | 10.00 | |
| 2 1 qt. " | | 7.00 | |
| 10 Grease Cups | .20 | 2.00 | 141.95 |
| Total Amount For'd | | | 968.62 |

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | Amount Bro't For'd | 968.62 |
|--------------------|---|--------------------|---------|
| 1 | Old Brass Oil Cup | | .20 |
| 2 | Recording Gauge | 27.00 | 54.00 |
| 1 | Pressure N. G. | | |
| 10 | OilFaucets | .50 | 5.00 |
| 1 | 12" x 4" Face Iron Pulley | | .60 |
| 1 | 12" x 6-1/2" " | | .80 |
| 1 | 15-1/2" x 8-1/2" " | | 1.30 |
| 1 | 24" x 8" " | | 2.00 |
| 1 | 30" x 8" " | | 2.75 |
| 2 | 30" Wood Sheaves | | |
| 12 | 12" Iron Sheaves Old 30" Each | .60 | 7.20 |
| 13 | 16" " | .60 | 7.80 |
| 2 | 18" Iron Sheaves Old 76" Each | .75 | 1.50 |
| 2 | 18" Iron Sheaves Wide Mouth & Boxes 117# Each | 2.00 | 4.00 |
| 2 | 30" " 165# Each | 3.00 | 6.00 |
| 8 | 20" " 112# Each | 1.00 | 8.00 |
| 3 | 36" " 174# Each | 3.00 | 9.00 |
| 1 | 48" " | | 6.00 |
| 2 | 72" " | 15.00 | 30.00 |
| 2 | Small Cans Belt Cement | .25 | .50 |
| 16 | Pieces Old Air Hose | | 5.00 |
| 2 | Pieces Old 1-1/2" Water Hose) | | |
| 1 | Large Nut Wrench | | 1.00 |
| 1 | Socket Wrench 17-1/2 x 20- | | |
| 1 | Lack Nut Wrench 10 x 6 x 10 Pump | | |
| 77 | # Old Wrenches | .03 | 2.31 |
| 772 | # Old Shafting | .01-1/2 | 11.58 |
| 753 | # Old Copper Flues | .10 | 75.30 |
| 74 | # Old Shaft Couplings | .001/2 | .37 |
| 3 | 3/8" Small Grease Cups | .35 | 1.05 |
| 4 | 1/4" " | .25 | 1.00 |
| 1 | 1-1/4" Brass Safety Valves | 3.75 | 2.75 |
| | | | 247.01 |
| Total Amount For'd | | | 1215.63 |

Michigamme Mine

M A C H I N E R Y S U P P L I E S (CONTINUED).

| | | |
|------|--------------------------------|---------|
| | Amount Bro't For'd | 1528.59 |
| 228' | Old 4" Wood Pipe Covering N.G. | |
| | Total Machinery Supplies | 1528.59 |

B U I L D I N G M A T E R I A L

| | | | |
|--------|----------------------------|------|--------|
| 12800' | 2" Common in Launderers | 8.00 | 102.40 |
| | 6-3/4 x A Shingles | 2.25 | 15.19 |
| 11 | 9 x 13 Windows Old | 1.00 | 11.00 |
| 4 | 16 x 20 " | 2.00 | 8.00 |
| 2 | Bags Old Sheave Blocks | | |
| 1 | Bbl. Old Sheave Blocks | | |
| 1 | Bag Timber Pins | | |
| 6 | Brake Blocks | | |
| 7 | 4' Wood Rollers | .50 | 3.50 |
| 20 | Small Wood Rollers | .25 | 5.00 |
| 24 | Hard Wood Rollers Brackets | .05 | 1.20 |
| 21 | Soft Wood Rollers " | | |
| | Total Building Material | | 146.29 |

Separator Equipment.

(Still at Michigamme Mine)

| | | | |
|---|-------------------|-----------|--------|
| 3 | Dynamos | 20.00 | 60.00 |
| 1 | Atlas Engine | | 180.00 |
| | | | 240.00 |
| | Less 41.7% (1900) | | 100.00 |
| | | | 140.00 |
| | | Less 100% | 140.00 |
| | | | 00.00 |

Michigamme Mine

C A R S , S K I P S & D E R R I C K S .

| | | | | | |
|----|--------------------------|--------|---------|----------|--------------|
| \$ | Large Side Dump Cars | 182.31 | 546.95 | Less 50% | 273.47 |
| 2 | W.W.S.Co. Side Dump Cars | 150.00 | 300.00 | Less 15% | 255.00 |
| 12 | Underground Cars | 91.72 | 1100.64 | Less 40% | 660.38 |
| 1 | Car Small Iron Coal | 25.00 | 25.00 | Net | 25.00 |
| 1 | Iron Skip | 25.00 | 25.00 | Net | <u>25.00</u> |

Total Cars, Skips & Derricks 1238.85

| | | | | | |
|------|-------------------------------------|------|--|------|-------------|
| 1 | Large Jim Crow 60# Rail Lever | | | | 15.00 |
| 1 | Small Jim Crow | " | | | 10.00 |
| 1 | " | Old | | | |
| 4 | Cast Iron Water Blowers | 4.00 | | | 16.00 |
| 1 | Hose Cart | | | | 25.00 |
| 500' | 2-1/2" Rubber Hose Fire | .90 | | | 450.00 |
| 100' | 2-1/2" Cotton Fire Hose | .20 | | | 20.00 |
| 4 | 2-1/2" Hose Pipes | 6.50 | | | 26.00 |
| 1 | Pr. Large Coal Scales | | | | 88.00 |
| 2 | Blondens for Sinking 1 #5 Eng. H. | 3.00 | | | 6.00 |
| 3 | Pocket Shoots | | | | |
| 7 | Pocket Shoot Bars | | | | |
| 1 | 12" Jack Screws | | | 2.00 | |
| 2 | Jim Pole Clamps | | | | 10.00 |
| 1 | 6" Air Receiver Made of 1 Pc. 6" | | | | |
| | 2 Plugs & 2 Couplings | | | | 1.50 |
| 1 | 6" Air Receiver Small | | | | 1.00 |
| 1 | 14" Air Receiver x 15' Long | | | | 7.00 |
| 1 | Feed Water Heater Presque Isle | | | | 125.00 |
| 1 | Old Heater about 18' dia. & 6' Long | | | | |
| 1 | Crane Traveler for over Head Tram | | | | <u>4.00</u> |

Total 806.50