

Hard Ore Mine

IRON AND STEEL (CONTINUED).

		Amount Bro't For'd		1897.71
2010#	Swede Bar Iron	.04	80.40	
3658#	Low Moor Iron	.08	292.64	
458#	Angle Iron	.02-1/2	11.45	
121#	Tank Iron 2nd Hand	.01	1.21	
4958#	"	.02	99.16	
42#	Nail Rod	.05	2.10	
1580'	16# Steel Rail	8426# Ton C. 29.00	109.08	
1141'	20# "	7607# 33.00	112.07	
2238'	25# "	18650# 29.00	241.45	
150#	4d Wire Nails	2.95	4.43	
125#	6d Wire Nails	2.85	3.56	
520#	8d "	2.75	14.30	
780#	10d "	2.75	21.45	
740#	20d "	2.60	19.24	
760#	40d "	2.60	19.76	
2700#	60d "	2.60	70.20	
28#	6d Cut Nails	.02	.56	
128#	8d "	.02	2.56	
80#	8d Wrought Nails	.02	1.60	
200	7 x 3/8" Boot Spikes	2.25	4.50	
170#	8 x 3/8" "	2.25	3.83	
4550#	3-1/2 x 7/16 R. R. Spikes	2.10	95.55	
600#	4-1/2 x 7/16 "	2.10	12.60	
50#	2-1/2 x 5/8" R. R. Bolts	3.40	1.70	
8#	3/8" Washers	.05	.40	
960#	"	.03	28.80	
65#	Cast Washers	1.50	.98	
172	Lack Nuts	.01	1.72	
57	1-1/2 x 3/16 Spring Keys	.40	.23	
25	2 x 5/16 "	.80	.20	
25	3 x 3/8 "	1.60	.40	
Total Amount For'd				1258.13
				3155.84

Hard Ore Mine

IRON AND STEEL (CONTINUED).

		Amount Bro't For'd	3155.84
280#	1/2" Hex. Tapped Nuts	8.90	24.92
480#	5/8" "	7.10	34.08
450#	3/4" "	5.40	24.30
575#	7/8" "	5.40	31.05
25#	1" "	5.40	1.35
90#	1 1/8" "	5.40	4.86
240#	1 1/4" "	6.00	14.40
56#	1 1/2" "	7.30	4.09
180#	1 3/4" "	8.80	16.28
335#	2" "	9.50	31.83
79#	1/2" Hex. Blank Nuts	8.30	6.56
51#	3/4" "	6.80	3.47
300#	7/8" "	5.20	15.60
410#	1 1/8" "	5.20	21.32
120#	1 1/4" "	5.80	6.96
295#	1 1/2" "	6.90	20.36
180#	1 3/4" "	8.30	14.94
420#	1 1/2 x 1 1/2 x 1 7/8 x 1/8"		
	Ch Bolt Nuts	10.54	44.27
340#	1/2" Square Tapped Nuts, H.& T.	6.60	22.44
330#	5/8" "	5.10	16.83
610#	3/4" "	4.40	26.84
230#	7/8" "	4.40	10.12
400#	1" "	4.40	17.60
480#	1 1/8" "	4.40	21.12
270#	1 1/4" "	5.10	13.77
760#	1 1/2" "	5.90	44.84
260#	2" "	7.50	19.50
250#	1/2" Square Blank Nuts	6.10	15.25
280#	5/8" "	4.80	13.44
200#	7/8" "	4.20	8.40
260#	1" "	4.20	10.92

561.71.

Total Amount For'd

3717.55

Hard Ore Mine

IRON AND STEEL (CONTINUED).

		Amount Bro't For'd	3717.55
100#	1 1/8" Square Blank Nuts	4.20	4.20
300#	1 1/4" "	4.90	14.70
200#	1 3/4" "	6.30	12.60
130#	1 1/2" x 1/2" Burden Rivets	.04	5.20
40#	2 x "	.04	1.60
45#	2 1/2 x "	.04	1.80
160#	1 1/4 x 5/8" "	.04	6.40
120#	1 1/2 x "	.04	4.80
160#	1 3/4 x "	.04	6.40
135#	2 x "	.04	5.40
100#	2 1/4 x "	.04	4.00
300#	2 1/2 x "	.04	12.00
240#	3 x "	.04	9.60
100#	4 x "	.04	4.00
40#	1 1/2 x 3/4 "	.04	1.60
200#	2 x "	.04	8.00
80#	2 1/4 x "	.04	3.20
140#	2 1/2 x "	.04	5.60
110#	3 x "	.04	4.40
140#	3 1/2 x "	.04	5.60
110#	4 x "	.04	4.40
70#	4 1/2 x "	.04	2.80
100#	4 1/2 x 7/8 "	.04	4.00
			<u>132.30</u>

Total Amount For'd

3849.85

Hard Ore Mine

IRON AND STEEL (CONTINUED)

		Amount Bro't For'd	3849.85
244	1 1/2 x 3/8" Carriage Bolts	1.50	3.66
86	2 x "	1.50	1.29
130	2 1/4 x "	1.57	2.04
134	2 1/2 x "	1.64	2.20
216	2 3/4 x "	1.71	3.69
214	3 x "	1.78	3.81
137	3 1/2 x "	1.92	2.63
100	4 x "		2.06
70	4 1/2 x "	2.20	1.54
76	5 x "	2.34	1.78
110	5 1/2 x "	2.48	2.73
200	1 1/2 x 1/2 "	2.40	4.80
57	2 x "	2.60	1.48
67	2 1/2 x "	2.80	1.88
88	2 3/4 x "	2.90	2.55
79	3 x "	3.00	2.37
216	3 1/2 x "	3.20	6.91
134	4 x "	3.40	4.56
224	4 1/2 x "	3.60	8.06
88	5 x "	3.80	3.34
60	5 1/2 x "	4.00	2.40
96	6 x "	4.20	4.03
120	7 x "	4.60	5.52
26	6 1/2 x "	4.40	1.14
94	7 1/2 x "	4.80	4.51
			<u>80.98</u>
Less 70 & 10%		59.12	21.86
14	1 x 3/8" Set Screws	2.65	.37
17	1 1/2 x 3/8" "	2.95	.50
35	1 x 1/2 "	3.60	1.26
32	1 1/2 x "	4.00	1.28
39	2 x "	4.45	1.74
34	1 1/2 x 5/8" "	5.50	1.87
40	2 x "	6.05	2.42
24	1 1/2 x 3/4 "	7.50	1.80
24	2 x 3/4 "	8.60	2.06
			<u>13.30</u>
Less 65, 10 & 10%		9.53	3.77
Forward			26.63
			<u>3875.48</u>

Hard Ore Mine

IRON AND STEEL (CONTINUED).

			Amount Bro't For'd	3875.48
46	1 x 3/8" Machine Bolts		2.24	1.03
60	2 x "		2.56	1.54
200	16 1/2 x "		7.20	14.40
18	17 1/2 x "		7.52	1.35
4	1 1/2 x 1/2 "		3.60	.14
9	2 x "		3.86	.35
130	2 1/2 x "		4.12	5.36
160	3 x "		4.38	7.01
3	4 x "		4.90	.15
3	5 x "		5.42	.16
5	6 x "		5.94	.30
14	1 1/2 x 5/8" "		5.20	.73
49	2 x "		5.58	2.73
151	2 1/2 x "		5.96	9.00
72	3 x "		6.34	4.56
25	3 1/2 x "		6.72	1.68
10	4 x "		7.10	.71
45	4 1/2 x "		7.48	3.37
67	5 x "		7.86	5.27
60	2 x 3/4" "		7.70	4.62
54	2 1/2 x "		8.20	4.43
32	3 x "		8.70	2.78
110	3 1/2 x "		9.20	10.12
117	4 x "		9.70	11.35
15	6 x "		11.70	1.76
18	10 x "		15.70	2.83
113	12 1/2 x "		18.20	20.57
200	14 1/2 x "		20.20	40.40
6	3 x 7/8" "		12.60	.76
56	4 x "		14.00	7.84
			<hr/>	<hr/>
			167.30	
Less 75 & 10%			<hr/>	<hr/>
			129.65	37.65
Amount For'd 16				3913.13

Hard Ore Mine

IRON AND STEEL (CONTINUED).

		Amount Bro't For'd		3913.13
2	Gross 1/2 x #6 Flat Head Screws .66		1.32	
1	" 1/2 x #7 "		.76	
2	" 5/8 x #6 "	.72	1.44	
4	" 3/4 x #7 "	.82	3.28	
4	" 3/4 x 10 "	.97	3.88	
5	" 1 x 8 "	.98	4.90	
9	" 1 x 11 "	1.20	10.80	
9	" 1 1/4 x 9 "	1.15	10.35	
7	" 1 1/4 x 11 "	1.30	9.10	
10	" 1 1/2 x 9 "	1.25	12.50	
10	" 1 3/4 x 11 "	1.60	16.00	
9	" 1 3/4 x 14 "	2.05	18.45	
6	" 2 x 11 "	1.70	10.20	
3	" 2 1/4 x 13 "	2.20	6.60	
9	" 2 1/4 x 14 "	2.45	22.05	
3	" 2 1/2 x 14 "	2.60	7.80	
4	" 3 x 10 "	2.80	11.20	
3	" 3 x 12 "	2.90	8.70	
1 1/2"	4 x 18 "	6.75	<u>10.13</u>	
			169.46	
			Less 90%	
			<u>152.51</u>	16.95
24	2 1/2 x 1/2" Bag Screws	4.47	1.07	
100	4 x "		5.55	
176	4 x 5/8"	7.00	12.32	
100	10 x "		13.00	
25	4 x 3/8"	10.00	2.50	
4	5 x "	11.40	.46	
22	6 x "	12.80	2.82	
90	8 x "	15.60	<u>14.04</u>	
			51.76	
			Less 75%	
			<u>38.82</u>	<u>12.94</u> <u>29.89</u>
Total Iron & Steel				3943.02

Hard Ore Mine

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

7014#	Electric Light Candles	.07 1/4	508.51
90#	#3 Bodger Lubricant	.08	7.20
260#	Graphite Heas Grease	.03	7.80
683#	Light Axle Grease	.02	13.66
265#	Sullivan Drilling Compound	.05	13.25
50#	#2 Standard Pin Grease	.03 1/4	1.63
648	Gals. Prime White Oil	.09 1/2	61.56
370	" Cylinder Oil	.22	81.40
321	" Indian Red Oil	.13	41.73
580	" Yew Block Oil	.09	52.20
182	" Winter Strained Lard Oil	.56	101.92
393	" Air Cylinder Oil	.26	102.18
1/4	" Castor Oil	2.00	.50
1440#	Miner's Moonshine	.06 1/2	<u>93.60</u>

Total Oil, Grease & Candles

1087.14

Hard Ore Mine

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

40' 1/4" Black Pipe	.05 1/2	2.20	
70' 3/8" "	.05 1/2	3.85	
80' 1/2" "	.08 1/2	<u>6.80</u>	
		12.85	
	Less 61%	<u>7.84</u>	5.01
810' 3/4" Black Pipe	.11 1/2	93.15	
2475' 1" "	.16 1/2	408.38	
451' 1 1/4" "	.22 1/2	101.48	
1740' 1 1/2" "	.27	469.80	
1810' 2" "	.36	651.60	
390' 2 1/2" "	.57 1/2	224.25	
2230' 3" "	.75 1/2	1683.65	
180' 3 1/2" "	.95	171.00	
1660' 4" "	1.08	1792.80	
570' 5" "	1.45	826.50	
1549' 6" "	1.88	2912.22	
55' 7" "	2.35	129.25	
115' 8" "	2.82	324.30	
11' 9" "	3.40	37.40	
10' 10" "	4.25	<u>42.50</u>	
		9868.18	
	Less 68%	<u>6710.36</u>	3157.82
8' 12" Black Pipe	5.20	41.60	
	Less 56 55%	<u>24.21</u>	17.39
108' 3/4" Galv. Pipe	.11 1/2	12.42	
40' 1 1/4" "	.16 1/2	<u>6.60</u>	
		19.02	
	Less 50 & 10%	<u>10.46</u>	8.56
170' 3" Split Pipe Covering	.32	54.40	
	Less 10%	<u>5.44</u>	48.96
	Forward		3237.74

Hard Ore Mine

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

		Amount Bro't For'd	3237.74
361'	1" Black Pipe in Short Pieces	.16 1/2	59.57
108'	1 1/4" "	.22 1/2	24.30
186'	1 1/2" "	.27	50.22
346'	2" "	.36	124.56
30'	2 1/2" "	.57 1/2	17.25
262'	3" "	.75 1/2	197.81
16'	3 1/2" "	.95	15.20
117'	3" "Good for Water	.75 1/2	88.34
442'	4" "	1.08	477.36
233'	4" "in Short Pieces	1.08	251.64
84'	5" "	1.45	121.80
287'	6" "	1.88	539.56
44'	7" "	2.35	103.40
22'	8" "	2.82	62.04
4'	9" "	3.40	<u>13.60</u>
			2146.65
		Less 90%	<u>1931.98</u> 214.67
20'	1 1/4" Extra Strong Pipe	.30	6.00
121'	1 1/2" "	.36	43.56
80'	2" "	.50	40.00
20	1/2 4" "	1.50	30.75
272'	6" "	2.90	788.80
36'	6" "	2.90	<u>104.40</u>
			1013.51
		Less 60%	<u>608.11</u> 405.40
Total			<u>620.07</u>
Total Amount For'd			3357.81

Hard Ore Mine

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

		Amount Bro't For'd	3857.81
48	3/8" Bushings	.04	1.92
25	1/2" "	.04	1.00
61	3/4" "	.05	3.05
76	1" "	.06	4.56
49	1 1/4" "	.07	3.43
92	1 1/2" "	.09	8.28
98	2" "	.14	13.72
57	2 1/2" "	.21	11.97
50	2 1/2" "	.30	15.00
2	3 1/2" "	.40	.80
31	4" "	.50	15.50
11	5" "	.93	10.23
16	6" "	1.25	20.00
1	7" "		1.87
4	8" "	2.75	<u>11.00</u>
			122.33
		Less 75, 10 & 5%	<u>96.19</u> 26.14
1	4" Wine Bore		2.00
1	6" "		2.50
1	7" "		2.75
1	8" "		<u>3.00</u>
			10.25
		Less 30%	<u>3.07</u> 7.18
29	3/4" Iron Stop Coacks	1.05	30.45
30	1" "	1.30	39.00
28	1 1/4" "	1.60	44.80
21	1 1/2" "	1.95	40.95
20	2" "	2.70	54.00
3	3" "	6.75	<u>20.25</u>
			229.45
		Less 75 & 5%	<u>174.96</u> 54.49
		Total	<u>87.81</u>
		Total Amount For'd	3945.62

Hard Ore Mine

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

		Amount Bro't For'd		3945.62
9	1/4" Couplings	.05	.45	
27	3/8" "	.06	1.62	
40	1/2" "	.07	2.80	
67	3/4" "	.10	6.70	
98	1" "	.13	12.74	
69	1 1/4" "	.17	11.73	
65	1 1/2" "	.21	13.65	
80	2" "	.28	22.40	
42	2 1/2" "	.40	16.80	
31	3" "	.60	18.60	
62	4" "	1.00	62.00	
16	5" "	1.65	26.40	
4	6" "	2.40	9.60	
4	7" "	3.25	13.00	
2	8" "	4.25	8.50	
10	9" "	5.50	55.00	
2	10" "	7.50	15.00	
3	12" "	10.00	<u>30.00</u>	
			326.49	
		Less 70 @ 5%	<u>233.80</u>	93.19
86	1" Crosses	.27	23.22	
17	1 1/4" "	.42	7.14	
15	1 1/2" "	.53	7.95	
16	2" "	.75	12.00	
1	4" "		<u>3.15</u>	
			53.46	
		Less 75 @ 5%	<u>40.76</u>	<u>12.70</u>
		Total		<u>105.89</u>
		Amount For'd		4051.51

Hard Ore Mine

MACHINERY SUPPLIES (CONTINUED).

			Amount Bro't For'd	4051.51
11	3/4"	450 Elbows	.10	1.10
2	1"	"	.12	.24
10	1 1/4"	"	.19	1.90
9	1 1/2"	"	.24	2.16
4	2"	"	.34	1.36
1	2 1/2"	"		.60
2	3"	"	.90	1.80
2	4"	"	1.45	2.90
3	5"	"	2.50	7.50
6	6"	"	3.45	20.70
1	8"	"	8.50	<u>8.50</u>
				46.76
			Less 75 & 5%	<u>37.88</u> 11.58
34	1/4"	Elbows	.05	1.70
42	3/8"	"	.05	2.10
20	1/2"	"	.06	1.20
105	3/4"	"	.08	8.40
84	1"	"	.10 1/2	8.82
46	1 1/4"	"	.16	7.36
74	1 1/2"	"	.20	14.80
119	2"	"	.28	33.32
41	2 1/2"	"	.50	20.50
44	3"	"	.75	33.00
20	4"	"	1.20	24.00
14	5"	"	2.00	28.00
13	6"	"	2.75	35.75
1	7"	"		<u>4.70</u>
				223.65
			Less 75 & 5%	<u>170.54</u> 53.11
Total				<u>64.69</u>
Total Amount For'd				4116.20

Hard Ore Mine

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

		Amount Bro't For'd	4116.20
2	3/8" Caps	.04	.08
2	1/2" "	.05	.10
2	3/4" "	.08	.16
3	1" "	.12	.36
1	1 1/4" "		.16
1	2" "		.32
1	4" "		<u>1.20</u>
			2.38
Less 75 & 5%		<u>1.81</u>	.57
3	6" Water Works Elbows	2.00	6.00
3	2" " " Tees	2.17	6.51
1'	15" Sewer Pipe		1.44
2'	8" "	.12	.24
34'	6" "	.92	3.37
28'	6" "		
28'	15" "	.36	10.08
66'	4" Sail Pipe	.04	2.64
2	18" Sewer Pipe Elbows	1.50	<u>3.00</u>
			33.28
Less 30%		<u>9.98</u>	<u>23.30</u>
Total			<u>23.87</u>
Total Amount For'd			4140.07

Hard Ore Mine

MACHINERY SUPPLIES (CONTINUED).

		Amount Bro't For'd	4140.07
59	1/4" Nipples	.06	3.54
43	3/8" "	.06	2.58
112	1/2" "	.07	7.84
124	3/4" "	.09	11.16
159	1" "	.15	23.85
52	1 1/4" "	.17	8.84
108	1 1/2" "	.20	21.60
149	2" "	.27	40.23
64	2 1/2" "	.59	37.76
83	3" "	.72	59.76
12	3 1/2" "	.85	10.20
40	4" "	1.00	40.00
37	5" "	1.60	59.20
47	6" "	1.97	92.59
4	7" "	2.35	9.40
2	8" "	2.85	5.70
2	9" "	3.92	7.84
			442.09
	Less 80%		353.67 88.42
2	3/4" Tack Nuts	.05	.10
9	1" "	.07	.63
3	1 1/4" "	.09	.27
5	1 1/2" "	.11	.55
3	2" "	.18	.54
			2.09
	Less 70%		1.46 .63
1	3/4" Return Bend		.25
18	1" "	.35	6.30
			6.55
	Less 75 & 5%		4.99 1.56
	Total		90.61
	Amount For'd		4230.68

Hard Ore Mine

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

			Amount Bro't For'd	4230.68
23	1/4"	Plugs	.02	.46
8	3/8"	"	.02	.16
20	1/2"	"	.02	.40
50	3/4"	"	.03	1.50
99	1"	"	.04	3.96
103	1 1/4"	"	.05	5.15
62	1 1/2"	"	.07	4.34
49	2"	"	.10	4.90
35	2 1/2"	"	.18	6.30
14	3"	"	.25	3.50
2	3 1/2"	"	.28	.56
13	4"	"	.42	5.46
5	5"	"	.88	4.40
17	6"	"	1.20	20.40
1	7"	"		<u>1.85</u>
				63.34
			Less 75, 10 & 5%	<u>49.80</u> 13.54
1	3/4" Reducer			.10
5	1 1/4"	"	.20	1.00
2	1 1/2"	"	.28	.56
4	2"	"	.45	1.80
2	3"	"	1.08	2.16
1	4"	"		1.85
1	8"	"		<u>6.75</u>
				14.22
			Less 75 & 5%	<u>10.84</u> 3.38
Total				<u>16.92</u>
			Amount For'd	4247.60

Hard Ore Mine

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

			Amount Bro't For'd	4247.60
43	1/4"	Tees	.08	3.44
36	3/8"	"	.08	2.88
70	1/2"	"	.09	6.30
79	3/4"	"	.12	9.48
66	1"	"	.15	9.90
80	1 1/4"	"	.23	18.40
62	1 1/2"	"	.29	17.98
113	2"	"	.41	46.33
35	2 1/2"	"	.73	25.55
20	3"	"	1.00	22.00
8	3 1/2"	"	1.50	12.00
17	4"	"	1.75	29.75
5	5"	"	3.00	15.00
13	6"	"	4.00	52.00
1	8"	"		<u>9.75</u>
				280.76
			Less 75 & 5%	<u>214.08</u> 66.68
12	1/4"	Malleable Unions	.28	2.16
27	3/8"	"	.20	5.40
39	1/2"	"	.22	8.58
83	3/4"	"	.27	22.41
30	1"	"	.33	9.90
35	1 1/4"	"	.46	16.10
35	1 1/2"	"	.58	20.30
40	2"	"	.75	30.00
1	3"	"		<u>2.10</u>
				116.95
			Less 80%	<u>93.56</u> <u>23.39</u>
			Total	<u>90.07</u>
			Amount For'd	4337.67

Hard Ore Mine

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

		Amount Bro't for'd		4337.67
59	Prs. 1" Flange Unions	.52	30.68	
21	Prs. 1 1/4" "	.64	13.44	
35	Prs. 1 1/2" "	.78	27.30	
54	" 2" "	1.00	54.00	
20	" 2 1/2" "	1.25	25.00	
17	" 3" "	1.50	25.50	
32	" 4" "	2.10	67.20	
8	" 5" "	3.15	25.20	
11	" 6" "	3.95	43.45	
1/2	" 8" "	7.00	3.50	
2	" 9" "	10.00	20.00	
2	" 12" "	16.00	<u>32.00</u>	

367.27

Less 75 & 10%

284.63

82.64

15	1/4" Brass Globe Valves	.72	10.80
8	3/8" "	.77	6.16
32	1/2" "	1.00	32.00
41	3/4" "	1.26	51.66
37	1" "	1.80	66.60
20	1 1/4" "	2.52	50.40
13	1 1/2" "	3.50	45.50
18	2" "	5.30	95.40
3	1/4" " Angle	.72	2.16
10	3/8" "	.77	7.70
14	1/2" "	1.00	14.00
15	3/4" "	1.26	18.90
21	1" "	1.80	37.80
19	1 1/4" "	2.52	47.88
20	1 1/2" "	3.50	70.00
17	2" "	5.30	<u>90.10</u>

647.06

Less 70 & 10%

472.35

174.71

Total 28

257.35

For'd

4595.02

Hard Ore Mine

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

			Amount Bro't For'd	4595.02
77	1/2"	Brass Check Valves	.90	15.30
3	3/4"	"	1.15	3.45
4	1"	"	1.60	6.40
4	1 1/4"	"	2.25	9.00
5	1 1/2"	"	3.15	15.75
2	2"	"	4.75	<u>9.50</u>
				59.40
			Less 70 & 10%	<u>43.36</u> 16.04
5	1/2"	A.D. Globe Valves	1.60	8.00
7	3/4"	"	2.20	15.40
15	1"	"	2.80	42.00
12	1 1/4"	"	4.00	48.00
9	1 1/2"	"	5.50	49.50
7	2"	"	8.75	61.25
2	1/4"	" angle	1.10	2.20
5	3/8"	"	1.25	6.25
5	3/4"	"	2.20	11.00
3	1 1/4"	"	4.00	<u>12.00</u>
				255.60
			Less 60, 10 & 10%	<u>172.78</u> 82.82
1	1"	Brass Cross Valve		2.50
1	2"	"		<u>8.00</u>
				10.50
			Less 70 & 10%	<u>7.66</u> 2.84
15	3/4"	Brass Stop Cocks	1.70	25.50
4	1"	"	2.35	9.40
1	1 1/4"	"		<u>3.70</u>
				38.60
			Less 75 & 10%	<u>29.91</u> 8.69
			Total	<u>110.39</u>
			Amount For'd	4705.41

Hard Ore Mine

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

		Amount Bro't For'd	4705.41
1	2 1/2" Iron Body Globe Valve	7.35	
	Less 75 & 5%	<u>5.60</u>	1.75
6	1/2" Brass Gate Valves	1.30	
		7.80	
3	3/4" " "	1.75	
		5.25	
3	1 1/4" " "	3.50	
		10.50	
7	1 1/2" " "	5.00	
		35.00	
2	2" " "	7.50	
		<u>15.00</u>	
		73.55	
	Less 70%	<u>51.48</u>	22.07
2	1 1/2 A.D. Valve Discs	.25	.50
4	3/4" Brass Hydrant Cocks	.60	2.40
10	3/4" " Water Bibbs	.50	5.00
8	1/4" Lever Handle Cylinder		
	Cocks	.60	4.80
1	1" Brass Extension Joint		3.50
43	1/4" Tee Handle Pet Cocks	.10	4.30
38	3/8" " "	.13	<u>4.94</u>
	Total		<u>49.26</u>
	Total Amount For'd		4754.67

Hard Ore Mine

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

	Amount Bro't For'd	4754.67
2000# Bushings & Pump Castings	2.40	48.00
388# Brass Castings	.30	116.40
125# Clock & Seating	2.40	3.00
167# Hand Haul Plate & Crab	2.75	4.59
156# Gear Wheel Castings	2.75	4.29
60# Bellows Twere Castings	2.75	1.65
425# Cylinder Castings	2.75	11.69
162# Skip Wheel Bushings	2.75	4.45
805# Shell Slide Castings	2.75	22.14
40# Lower Head	2.75	1.00
77# Valve Seat Castings	2.75	2.12
117# Steam Chest Castings	2.75	3.22
255# Lower Head "	2.75	7.01
67# Drill Castings	2.75	1.84
390# Steel Centre Clamps Castings	.12	46.80
51# Steel Sleeve Gasting	.12	6.12
139# Steel Leg Flange	.12	16.68
140# Steel Front Leg Casting	.12	16.80
650# Steel Side Castings	.12	78.00
88# Steel Lower Head King Castings	.12	10.56
675# Steel Rear Leg Castings	.12	81.00
51# Ratchet Box	2.75	1.40
2194# Manganese Steel Plates	.12 1/2	274.28
230# Sulpher	.05	11.50
1 1/2# M.Glosss Gaskets	.60	.90
261# Empire Packing	.24	62.64
32# German Asbestos Packing	.75	24.00
1 5/8# Vulcan Packing	.75	1.22
28# Eclipse Gaskets	.60	16.80
42# Dollar Packing	.77	32.34
43# Hemp Packing	.12	5.16
	Total	<u>917.67</u>
	Amount For'd	5672.34

Hard Ore Mine

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

	Amount Bro't For'd	5672.34
14# Spiral Garlock Packing	.60	8.40
111# Flox Packing	.36	39.96
214# Sq. Rubber Packing	.38	81.32
17# Eureka Packing	.35	5.95
24# Plumbago Packing	.30	7.20
8# Garlock Packing	.60	4.80
6# Asbestos Wick Packing	.25	1.50
124# Asbestos Board Packing	.08	9.92
300# Sheet Rubber Packing	.13	39.00
402# Rainbow Packing	.45	180.90
6# Jenkins Packing	.60	3.60
195# c.&J. Pump Valves	.90	175.50
35# Pump Valves	.75	26.25
14# Composition Pump Valves	.75	10.50
10# Brass Pump Springs	.30	3.00
23# Per Sq. Fibre	.13	2.99
1 2 1/2" Brass Hose Coupling		1.25
2 Prescott Pump Valves Stems	1.25	2.50
15 1/2# Brass Pump Valves	.30	4.65
1 #3 Knowles Pump Piston Casting		.25
1 #7 " "		1.50
1 #8 Knowles Pump Slide Valve		.50
1 #6 Knowles Pump Clamp & Connection		6.50
2 Knowles Pump Forks	2.00	4.00
3 Compressor Springs	.20	.60
1 2 1/2" Wood Handle Lubricator		1.00
1 1 Pt. Detroit Lubricator		4.75
1 1 Qt. " "		6.00
2 3/8" Brass Grease Cups	1.10	2.20
2 1/2" " "	1.50	3.00
1 Lunkenheimer Grease Cup		.26
Total		639.75
Total Amount For'd		6312.09

Hard Ore Mine

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

		Amount Bro't For'd	6312.09
5	#1 Lunkenheimer Grease Cups	.33	1.65
2	Small Grease Cups	.75	1.50
3	Large Grease Cups	1.00	3.00
54#	Hoffman's Metal Polish	.20	10.80
20#	Graphite	.20	4.00
17#	Sole Leather	.35	5.95
574#	C.R. Shafting	.03	17.22
100'	1" Water Hose	.18	18.00
75'	1" Steam Hose	.41	30.75
640'	1" Air Drill Hose	.24	153.60
180'	1" "	.25	45.00
100'	1" " 2nd hand	.13	13.00
80'	Hose Couplings	.10	8.00
19	12 x 5/8" W.G. Glasses	.75	1.19
13	14 x "	.85	.92
1	4 1/2 x "		.08
2	3 x 3/4" "	.08	.16
6	10 1/2 x "	.90	.45
7	11 x "	.90	.53
14	14 x "	1.05	1.23
7n	15 x "	1.10	.64
6	16 x "	1.20	.60
43	16" Manganese Steel Skip Wheel	7.65	328.95
12	16" " DbL	9.98	119.76
4	18" Manganese Steel Car Wheel	8.20	32.80
9	1/2 Sets #3 Rand Drill Cyl. Rings	2.56	24.32
37	Sets #3 Rand Drill Cyl. Bolts	.15	5.55
1	#3 Rand Drill Jack Screw Step		.80
29	#3 " " Rough Chucks	2.15	62.35
30	#3 1/4 " " "	3.32	99.60
33	#3 1/4 " " " Pistons	3.80	125.40
15	#3 1/4 Rand Drill Rough Feed		
	Screws	.90	13.50
	Total		<u>1131.30</u>
	Total Amount For'd		7443.39

Hard Ore Mine

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

		Amount Bro't For'd	7443.39
47	#3 1/4 Rand Drill Rough Feed Nuts	1.00	47.00
23	Sets #3 1/4 Rand Drill Piston		
	Packing Rings	2.57	59.11
230	Sets #3 1/4 R.D. Rough Piston		
	Packing Springs	.08	18.40
6	1/2 Sets #3 1/4 R.D. Pawls	1.00	6.50
17	#3 1/4 R.D. Rotating Bolts	3.00	51.00
23	#3 1/4 R.D. " Nuts	1.10	25.30
11	#3 1/4 R.D. Ratchets	3.00	33.00
26	#3 1/4 R.D. Buffers	.65	16.90
5	#3 1/4 R.D. Buffer Yokes	.20	1.00
4	#3 1/4 R.D. Steam Chest Studs	.25	1.00
38	#3 1/4 R.D. Rocker Pins	.25	9.50
11	"	5.20	57.20
11	#3 1/4 R.D. Upper Heads	.70	7.70
7	#3 1/4 R.D. Ratchet Boxes	2.75	19.25
2	#3 1/4 R.D. Cylinders	8.50	17.00
3	#3 1/4 R.D. Pistons	11.00	33.00
3	#3 1/4 R.D. Pawl Studs	.25	.75
4	#3 1/4 R.D. C.&P.Rods	6.50	26.00
12	#3 1/4 R.D. Chuck Keys	.35	4.20
10	#3 1/4 R.D. Slide Valves	.55	5.50
4	#3 1/4 R.D. Value Seats	1.50	6.00
12	#3 1/4 R.D. Lower Heads	3.75	45.00
9	#3 1/4 R.D. Lower Head Rings	1.00	9.00
51	#3 1/4 R.D. Cylinder Bolts	.15	7.65
69	#3 1/4 R.D. Center Bolts	.32	22.08
57	#3 1/4 R.D. Chuck Bolts	.50	28.50
45	#3 1/4 R.D. Standardz	1.00	45.00
3	#3 1/4 R.D. Feed Screw Washers	.20	.60
17	#3 1/4 R.D. Feed Screw Washers	2.50	42.50
3	#3 1/4 R.D. Feed Handles	.80	2.40
	Total		<u>648.04</u>
	34 Total Amount For'd		8091.43

Hard Ore Mine

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

		Amount	Bro't For'd	8091.43
14	#3 1/4 R.D. Feed nuts		1.25	17.50
7	#3 1/4 R.D. Feed Tam Nuts		.65	2.45
19	#3 1/4 R.D. Feed Air Chests		1.25	23.75
2	#3 1/4 R.D. Shell Bottoms		5.00	10.00
28	#3 1/4 R.D. Shell Slides 1/2 Finished		.90	25.20
1	#3 1/4 R.D. Centre Clamp			6.75
21	#3 1/4 R.D. Hook Bolts		1.10	23.10
17	#3 1/4 R.D. Centre Clamp Hook Bolts		1.90	32.30
12	#3 1/4 R.D. Rear Leg Castings		4.10	49.20
11	#3 1/4 R.D. Side Leg Castings		3.20	35.20
36	#3 1/4 R.D. Front Leg Castings		1.40	50.40
26	#3 1/4 Leg Flanges		1.10	28.60
31	#3 1/4 R.D. Leg Sleeves		.85	26.35
7	#3 1/4 R.D. Pipe Legs		.75	5.25
4	#3 1/4 Extension Legs		.50	2.00
56	#3 1/4 R.D. Set Screws		.24	13.44
42	#3 1/4 R.D. Rough Pawls		.25	10.50
14	#3 1/4 R.D. Chuck Wrenches		1.00	14.00
10	# 3 1/4 R.D. Chuck Bushings		1.00	10.00
2	#3 1/4 R.D. Repaired Chucks		4.00	8.00
24	#3 1/4 R.D. Rough Slide Valves		.25	6.00
3	#3 1/4 R.D. Leather Packings		.40	1.20
24	#3 1/4 R.D. Rough Ratchets		1.00	m24.00
11	#3 1/4 R.D. Rough Rotating Bolts		.85	9.35
12	Climax Core Lifter Springs		3.00	36.00
7	Little Champion Bore Lifters		3.00	21.00
4	Core Lifter Rings		3.15	12.60
3	Split Core Lifter Rings		1.00	3.00
6	Core Shells		1.75	10.50
9	Casing Bits		.75	6.75
656	D.D. Bits		.18	118.08
2	5' Core Bbls.		11.00	22.00
2	10' " "		14.00	28.00
	Total			692.47
35	Total Machinery Supplies			8783.90

Hard Ore Mine

BUILDING MATERIALS

6	10 x 12 Glass	.07	.42
13	9 x 13 "	.10	1.30
2	16 x 20 "	.23	.46
3	1/2 9 x 13 Windows	2.00	7.00
4	Door Locks	.10	.40
3	Door Knobs	.10	.30
24	#2916 1/4 Padlocks	3.00 Doz.	6.00
18	#2916 Padlocks	4.25	6.38
12	#A.973 A Padlocks	5.50	5.50
10	# 994 Padlocks	2.25	1.88
12	#1004 Padlocks	6.25	6.25
5	# 115 "	10.25	4.27
12	#074 "	7.75	7.75
10	#551 "	5.50	4.58
1	Doz. Prs. Screen Door Hinges	1.00	1.00
1	1/2 Doz. Door Hasps & Staples	.30	.45
1	Doz. Pet 3" Cast Iron Bitts	.96	.96
7	Pes 3" Steel Bitts	.48	.28
9	Pes 2 1/2" Steel Bitts	.40	.30
3	Pes 2" Steel Bitts	.36	.09
23	Ees 6" Strap Hinges	1.50	2.88
17	Pes 8" Strap Hinges	2.00	2.83
12	Pcs. 10" Strap Hinges	2.60	2.60
7	Pcs. 8" Tee Hinges	2.50	1.46
4	Thumb Latches	.95	.32
1	Trap Door Ring		.25
6	Drawn Pulls	.01 3/4	.11
19	3" Hooks & Eyes	.25 Doz.	.40
32	2" "	.25	.67
1#	Oakum		.10
3	Bush Plastering Hair	.35	1.05
7#	Putty	.03	.21
5870	Brick, Common	9.00	52.83
5	Gals. Smoke Stock Paint	.75	3.75

36

Total Amount For'd

125.03

Hard Ore Mine

BUILDING MATERIAL (CONTINUED).

	Amount	Bfo't	For'd	125.03
5 Gals. Asphaltum	.75		3.75	
1/4 Gal. Turpentine	.60		.15	
1/2 Gal Linseed Oil	.62		.31	
9 Squares Roof Iron	3.20		28.80	
2800' 1" Select Common	21.75		60.90	
3232' 2" " "	21.75		70.30	
820' 3" " "	21.75		17.84	
3360' 3" Hemlock	11.00		36.96	
4245' 3" Hemlock from Michigamme	10.00		42.45	
2 1/2 M. Shingles	3.00		7.50	
190' #2 Flooring	32.00		6.08	
210' #2 Ceiling	32.00		6.72	
18' Maple Flooring	24.50		.44	
48' Oak Flooring	28.00		1.34	
99' 3" Maple	25.00		2.48	
1620' 1" Oak				
2430' 1 1/4 x 1 1/2 Oak				
6346' 2 " Oak				
2174' 3" Oak				
10454' 4" Oak				
23054' (Total)	32.00		737.73	
1 Pc. 6x8 -12' Bass Wood	48'			
1 Pc. 6x8- 14' "	56'			
10 Pc. 6x9 -12' "	540'			
12 Pc. 6x9 -14' "	756'			
12 Pc. 6x9 -16' "	864'			
	2264'	21.00	47.54	
2 Pcs. 6x10 -12 Pine	120'			
1 Pc. 6x10 -14 "	70'			
4 Pcs. 8x10 -16 "	426'			
9 Pcs. 6x8 -16 "	576'			
	1192'	15.50	18.48	
Total			1089.77	
37 Total Amount For'd			1214.80	

Hard Ore Mine

BUILDING MATERIAL (CONTINUED).

		Amount Bro't For'd		1214.80
1	Pc. 12x12 -12 Pine	144'	16.50	2.38
1	Pc. 9x9 -30 "	202'	23.75	4.80
1	Pc. 9x9 -32 "	216'	24.75	5.35
5	Pump Rods 10x10 -365 at Lake			
	1 at H.O.	5.00		<u>25.00</u>
				<u>37.53</u>
	Total Building Material			1252.33

EXPLOSIVES.

200'	Crescent Fuse	4.25	.85
1500'	6' Electric Exploders	30.09	45.14
8000	Blasting Caps	6.00	48.00
2#	Connecting Wire	.30	.60
550#	1 1/2" 50% Anthony Powder	.12	66.00
1000#	1 1/2" 50% L.S. Powder		120.00
10	Kegs Black Powder	1.42 1/2	<u>14.25</u>
	Total Explosives		294.84

MINE TIMBER.

1600'	Lagging	.01	16.00
520	Cedar Ties	.11	<u>57.20</u>
	Total Mine Timber		73.20

Hard Ore Mine

F U E L .

1989 Tons Steam Coal 2.70 5355.95

B A R N .

840#	Bran	17.20	7.23
5	Bags	.20	1.00
3	Eveners	1.00	3.00
135	Fellows	.22	29.70
4174#	Feed, Ground	24.00	50.09
33700#	Tons Hay	12.00	202.20
6	Hubs, Wagon	.70	4.20
35#	Horse Shoe Nails	.15	5.25
80	Bu. Oats	.41	32.80
2	Sleigh Runners	.75	1.50
14510#	Straw Bedding	9.10	66.02
220#	Horse Shoes	.04 1/4	9.35
116	Spokes, Wagon	.07	8.12
484#	Skeins & Boxes Wagon Axle	.03	14.52
5	Whiffle Trees	.75	3.75
1	Neck Yoke		1.00
2	Wagon Axles, Wood	1.00	2.00
1	Pr. Sutter Shafts		<u>1.00</u>
Total Barn Account			442.73

Hard Ore Mine

A N T I Q U A T E D M A T E R I A L .

GENERAL SUPPLIES.

106#	Copper Ingot	.10	10.60
1	Circular Saw		1.00
1	Screw Plate Magic		5.00
9	Commutar Brusher	.36	3.24
10	Cut Out Coils	.75	7.50
7	"	1.00	7.00
46	Left Lamp Hangers	.05	2.30
50	Right Lamp Hangers	.05	2.50
17	Lamp Hooks	.02	.34
36	" "	.02	.72
1	Arc Globe		.50
9	Flat Shades	.22	1.98
7	Bell Shades	.34	2.38
379	Carbons	8.00	3.03
5	Carbon Holders	.25	1.25
49#	Friction Paper	.08	3.92
3	Electric Light Switches	.25	.75
1	Large Stone Grate		1.83
1	Large Cast Iron Stove		10.00
2	Porcelain Shades	.25	.50
1	Squirrel Cage		3.00
1	Lot Of B.S. Tongs Old	4.00	4.00
15	Burners #2 Leader	2.30	2.88
24	Chimneys #2 Leader	.60	1.20
1	Grate Small Stove		.25
275'	1" Steel Wire Rope	.15 3/4	43.31
1122'	1 1/4" "	.23 3/4	266.48
1235'	1 1/4" " from Volunteer	.09	111.15
6#	Wire Steel	.10	.60
1	Stone Cabbose		6.00
1	Axe Broad		1.00
1	Hammer Mason's		.75

Total Amount For'd

506.96

Hard Ore Mine

ANTIQUATED MATERIAL

GENERAL SUPPLIES (CONTINUED)

		Amount Bro't	For'd	506.96
5	Picks Mason's	.75		3.75
11	Picks Rock Smaal	.50		5.50
22	"	.25		5.50
20	Sand Pumps	.25		5.00
42	Scrapers	.25		10.50
2	Steel Tongs	.75		1.50
2	Pcs. Rope Tongs & Marline Spike	.75		<u>1.50</u>
	Total			540.21
	Less 100%			<u>540.21</u> 00.00

MACHINERY SUPPLIES.

1	Old 3 Way 5" Valve			5.00
1	Old Maine 5" "			5.00
1	3 1/2" Expansion Joint			.50
2	4" Universal Elbows	5.00		10.00
1	6" "			8.00
48	4" Spiral Pipe	.05		2.40
274'	6" Wood Pipe	.20		54.80
9	1/2' 12" Riveted Pipe & Flanges	1.20	11.40	
	Less 67 1/2%			3.71
1	3 1/2" Iron Body Globe Valve	18.00	18.00	
1	5" "		32.00	
1	3" Iron Body Check Valve		<u>9.75</u>	
			59.75	
	Less 75%		<u>44.81</u>	14.94
6	Challenge Core Lifter Springs	1.00		6.00
1	Old Governor			5.00
8	Sheaves Wide Mouth 14"	1.00		8.00
2	" 48"	20.00		40.00
1	" 96"			<u>75.00</u>
	41 Amount Carried Forward			238.35

Hard Ore Mine

ANTIQUATED SUPPLIES.

MACHINERY SUPPLIES (CONTINUED).

	Amount Bro't For'd	238.35
1 Sheave 72"		25.00
1 " 84"		35.00
2 " 144"	75.00	150.00
4 16" Oil Box Skip Wheels 608#		
1 14" "	107#	
2 18" "	310#	
13 Truck Wheels	<u>650#</u>	
	1675# 8.00	6.70
2 16" Set Axles & Car Wheels	8.00	16.00
580# Skip Axles	.01	5.80
38# Skip Side Rod Clamps	.01	.38
446# " "	.01	4.46
36# Truck Axles	.01	.36
15 Small Car Springs	.01	.15
2 Brass Tail Pipes	15.00	30.00
2 Circular Tubes	8.36	16.72
29 Flue Cleaner Springs & Tips	.34	9.86
1908# Pump Rollers & Boxes	8.00	7.63
1500# Steel Castings	10.00	150.00
742# Pump Cover Castings	2.40	17.81
237# Stove Castings	2.40	5.69
3 1/4 #2 Rand Drills		
3 1/4 Piston Packing Rings	2.00	6.50
1/2 Pcs. Piston Packing Springs	.08	.04
7 Pcs. Rotating Nuts	2.20	15.40
6 Pcs. Feed Nuts	4.00	24.00
6 Pcs. Feed Screws	3.00	18.00
2 Pcs. Pistons	12.00	24.00
6 Pcs. Rackers	4.40	26.40
5 Pcs. C.&Piston Rods	7.60	38.00
1 Pcs. Chuck Key		.35
1 Pc. Chuck Bolt		.40
2 Pcs. Side Leg Castings	2.40	<u>4.80</u>

42
Total Amount For'd

877.82

Hard Ore Mine

ANTIQUATED SUPPLIES (CONTINUED).

MACHINERY SUPPLIES (CONTINUED)

		Amount Bro't For'd	877.82
#3 Rand Drills			
2	Ratchet Boxes	4.75	9.50
4	Stuffing Boxes	1.50	6.00
2	Centre Clamps	1.25	2.50
20	Rear Leg Castings	1.25	25.00
2	Upper Heads	1.75	3.50
5	Lower Heads	3.00	15.00
51	Cross Heads	.75	38.25
14	Extension Legs	.75	10.50
28	Pipe Legs	1.00	28.00
349	Set Screws	.06	20.94
57	Slide Valves	1.00	57.00
28	" Repaired	.30	8.40
6	Valves Repaired	.60	3.60
13	"	2.75	35.75
53	Swivel Bolts	.50	26.50
1	Piston		11.00
52	Sleeves	.60	31.20
19	Pawl Stud Washers	.05	.95
1	Bushed Chuck		3.00
45	Buffer Yokes	.40	18.00
6	Rubber Buffers	.40	2.40
2	Rocker Pins	.25	.50
1	Shell		9.20
6	Shell Slides	1.00	6.00
2	Cylinders 1/2 Finished	5.00	10.00
16	Tripod Sides	1.25	20.00
3	Pawl Studs	.25	.75
4	#10 Knowles Pump Clamp & Connection	12.44	49.76
Total			453.20
43 Total Amount For'd			1331.02

Hard Ore Mine

ANTIQUATED MATERIAL (CONTINUED).

MACHINERY SUPPLIES (CONTINUED).

		Amount Bro't For'd	1331.02	
24	S. & Vale Valve Stems	1.25	30.00	
9	" Seats	2.25	20.25	
1	" Pat Valve		5.50	
6	" " Springs	.20	1.20	
43	" Valve Springs	.75	32.25	
1	Duples Knowles Valve		4.35	
4	" Seats	2.00	8.00	
	Total Machinery Supplies		1432.57	
	Less 100%		1432.57	00.00

BUILDING MATERIAL.

2	18 x 18 Glass Stained	1.00	2.00	
1	16 x 32 Glass Ground		.60	
8	Bbls. Buffalo Cement	2.50	20.00	
5	Bags #1 Adament	1.10	5.50	
	Total		28.10	
	Less 100%		28.10	00.00

BARN SUPPLIES.

175#	Iron Wagon Axles	.01	1.75	
145	Fellows	.01	1.45	
4	Wagon Hubs	.25	1.00	
160	Wagon Spokes	.01	1.60	
	Total		5.80	
	Less 100%		5.80	00.00

Hard Ore Mine

ANTIQUATED SUPPLIES (CONTINUED).

<u>SCRAP.</u>		
6 Tons Wrought Iron Scrap	8.00	48.00
3 Tons Wrought Pipe	4.00	12.00
6 Tons Cast Scrap	8.00	48.00
3/4 Ton Old Rail	7.00	5.25
1/2 Ton Old Truck Iron	3.00	1.50
1000# Brass Bearings	.07	70.00
1960# Scrap Bearings	.10	196.00
835# Copper	.10	<u>83.50</u>
Total Scrap		464.25

HARD ORE MINE

MINE EQUIPMENTS .

DIAMOND DRILLS

DIAMOND DRILL NO.1.

1	16" Sheave	At Maas	1.19	
1	Water Joint	" "	2.96	
1	4" Star Bit	" "	.60	
2	Prs. 2 1-2 Clamps	" "	.60	
1	Hydraulic Jack	D.D.House	23.62	
1	Pr. 3" Clamps	Maas	.30	
2	Prs. 4" Clamps	Pioneer	.60	
1	Increase Gear	Machine Shop	5.90	
1	3" Chopping Bit	Lost at Maas	1.18	} <i>Hand</i> } <i>9</i>
1	4" " "	" "	1.18	
1	Pr.3-4 Blocks & Tackle	Maas		
200'	1 5-16 Drill Rods	"	<u>101.71</u>	
		Total	139.84	
		Less 100%	<u>139.84</u>	00.00
		(90% in 1900)		

Diamond Drill No. 2.

1	Bullock Climax Drill	At Ashland	786.82	
1	Duplex Worthington Pump	Machine Shop	59.05	
1	Water Joint	Ashland	1.19	
250'	Extra Climax Drill Rods	"	29.53	
1	Safety Clamp	DD. House	.60	
1	Set Taps	Machine Shops)	1.19)
1	Set Dies	Maas)		
1	Duplex Worthington Pump	Machine Shop	59.05	
1	Chuck Complete from	M.E.H.	25.00	
1	Feed Screw Complete from	M.E.H.	20.00	
1	Feed Nut Complete from	ME.H.	145.00	
1	Main Casting Complete from	M.E.H.	70.00	
200'	Climax Drill 1Rods	Ashland	100.36	
700'	1 5-8" DrillRods	D.D. House Maas	<u>236.25</u>	
		Total	1534.04	
		Less 100%	<u>1534.04</u>	00.00
		46 ¹⁰ (90% in 1900)		

Hard Ore Mine

MINE EQUIPMENT (Continued)

DIAMOND DRILL #3.

1	Little Champion Drill	Maas	1409.03	
3	Pr s. Extra Gear Feed Wheels	D.D.House	3.54	
3	Rod Taps	D.D.House	1.78	
1	Safety Câmp (N.G.)	D.D.House	3.54	
1	Increase Gearing	Used Up	5.90	
1	Hydraulic Jack	D.D.House	23.63	
110'	Extra Drill Rods	Maas	14.77	
80'	Special Casing Pipe	Yard	23.60	
1	Portabâ D.D.House	Maas	<u>39.37</u>	
	Total		1525.16	
	Less 100%		<u>1525.16</u>	00.00
	(90% in 1900)			

RODS BOUGHT IN 1900.

500'	1 5-8"x 10' D.Rods with Coupings		381.33	
1000'	1 5-8" x 10' D.Rods with Coupings		763.05	
500'	1 5-8" x 10' D.Rods with Coupings		382.17	
500'	1 5-8" x 10' D.Rods with Coupings		<u>380.47</u>	
3	Water Swivels		<u>30.00</u>	
	Total		1938.02	

DIAMOND DRILL #4

1	"H" Sullivan Diamond Drill	Ashland	1400.00	
	#589 with Part of Equipment			
2	"A" Core Barrels Used Up	Ashland	28.00	
2	"A" Safety Clamps	Maas	34.00	
1	Dupâex Prescott Pump Small Si ze	Ashland		
	Freight Charges on 4 Core Barrels		1.93	
	" " " Drill		<u>8.55</u>	
	Total		1472.48	

W Amount Forwarded 3410.50

Hard Ore Mine

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

Diamond Drills Brought Forward 3410.50

DIAMOND DRILL #5.

1	"B" Sullivan Diamond Drill	Maas	2500.00
	#645 Less Equipment but with Safety Clamp (1 13/16 O.D.) Solid Wrenches and Drive Chuck Complete with Rope on Drum Straps, Plug and Bolt for Drawing Gear		
1	Set Inlet and Outlet Springs		
1	Pressure Gauge	\$2500.00	
1	6 x 3 1-4 x 6 Duplex Prescott Pump	Maas	109.50
1	Portable Drill House	Pioneer	63.58
	Freight Charges on Drill		<u>17.60</u>
	Total		2690.68

DIAMOND DRILL #6.

1	"H" Sullivan Diamond Drill	Maas	1383.00
	#711 on Wood Frame all New with Exception of "Banjo" which is 2nd hand No Drive Chuck Included Set of Solid Wrenches and Hoisting Rope		
1	"A" Safety Clamp for "A" Rods	Maas	17.00
1	10' "A" Core Barrel	Used Up	
1	"H" Drive Chuck for "A" Rods	Maas	15.00
	Freight Charges on Drill		<u>12.62</u>
	Total		1427.62

Forwarded 7528.80

Hard Ore Mine

MINE EQUIPMENT (Continued)

Diamond Drills Bro't For'd

7528.80

BOUGHT IN 1901.

1	6 x 3 1-4 x 6 Regular Pattern Pump # 1189 Steel Rods, Iron Lining, and Metal Valves f.o.b. Ishp.	109.56
1	6 x 3 1-4 x 6 Regular Pattern Pump # 1208 Steel Rods, Iron Lining, and Metal Valves f.o.b. Ishp.	109.50
1	"A" Improved Water Swivel	20.25
1	Lifting Ball and Clevis	<u>3.50</u>
	Total	242.81
	Total Bought in 1900 and 1901	7771.61
	Less 25%	1942.90
	(11% in 1900)	
	Total Diamond Drills	5828.71

Hard Ore Mine

M I N E E Q U I P M E N T (C O N T I N U E D)

POWER DRILLS

3	No.3 Rand Drills	Warehouse		
2	No.3 " "	Moro Mine		
1	No.3 " "	Lake Mine		
6	No.3 " "	Scrap		
1	Sargent Drill	Scrap		
7	No. 3 1-4 Rand Drills	Moro Mine		
2	No. 3 1-4 " " Bought in #01	No Tripod	165.44	
2	No. 3 1-4 " " From Michigamme	"	<u>280.00</u>	
	Total		445.44	
	Less 30%		<u>133.63</u>	311.81
	Total Power Drills			311.81

TRIPODS

6	No. # Rand Tripods	Warehouse		
4	No.3 Rand Tripods	H.O.Yard		
5	No. 3 Rand Tripods	Imperial Mine		
1	Sargent Tripod	Warehouse		
12	No. 3 1-4 Rand Tripod	Moro Mine		

Hard Ore Mine

MINE EQUIPMENT (Continued)

CARS, SKIPS AND DERRICKS

1	Iron Skip	H.O.Yard	44.28
2	" "	#3 Mine	141.72
1	Steel Skip	Moro Mine	70.86
1	Steel Skip	HQ.Yard	70.86
1	Steel Skip	HQ.Yard	70.86
2	Large Iron Buckets	Salisbury	10.63
3	Small Iron Buckets	H.O.Yard	15.94
1	Water Bucket	H.O.Yard	.89
5	Large Wood Tram Cars	Moro Mine	206.68
1	Large Wood Tram Car	HQ.Yard	24.93
2	Large Wood Tram Cars	Moro Mine	82.67
1	Large Wood Tram Car	H.O.Yard	47.25
1	Large Wood Tram Car	S.M. Mine	35.44
1	1 1-2 Ton Iron Bucket	H.O.yard	4.05
1	1-2 Ton Iron Bucket	Moro Mine	1.62
13	New Tram Cars Built 1900	in Moro Mine	
	Cost \$1191.21		

Total 828.68

Less 100% 828.68

(89.8% in 1900)

RECORD.

1	Small Iron Skip	Belongs to Lake
2	Derricks N.G.	" " "
5	Large Side Dump Iron Cars	Belongs to Mich.
12	Underground Tram Car	" " "
1	Iron Coal Tram Car	" " "
1	Iron Skip	" " "

MINE EQUIPMENT (Continued)

PORTABLE MACHINERY.

1	14 x 8 x 12 Duplex Prescott Sinker	Yard	900.00	
1	14 x 8 x 12 " " "	Yard	900.00	
1	14 x 8 x 12 " " "		900.00	
3	6 Figure Large Counters		57.80	
1	No.7 Knowles Pump	No.43 Moro	<u>92.24</u>	
		Total	2850.04	
		Less 50%	<u>1425.02</u>	1425.02
		(30.6% in 1900)		

1	Portable Boiler on Wheels	Tilden	147.63	
1	Portable Boiler on Wheels	Salisbury	132.87	
1	Bullock Locomotive Boiler D.D.	Maas	162.39	
1	Engine from #10 Mine	Yard	47.24	
1	Portable Hoist from #3	Tilden	177.15	
1	Locomotive #1	R.House	2361.96	
1	No.7 Earle Pump	N.H.	Yard 103.35	
1	No. 4 Earle Pump	Yard	50.20	
1	Force Pump		<u>5.90</u>	
		Total	3188.69	
		Less 90%	<u>2869.82</u>	318.87
		(85 % in 1900)		

1	Locomotive , Pittsburg	R.House	30.00	
1	No. 9 Earle Pump	Yard	29.52	
1	Duplex Knowles Pump 6" 2nd Air Pump & Condensor		369.36	
	Pump in Hard Ore Mine Yard			
	Air Pump at Salisbury			
	Condensor at L.S.I.Co.			
1	Duplex Smith Vale Pump & IndeP Condensor	Yard	<u>479.40</u>	
		Total	908.28	
		Less 20%	<u>181.66</u>	726.62
		(20% in 1900)		

Total Portable Machinery

2470.51

Hard Ore Mine

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

(Portable Machinery(continued)

RECORD.

1	Boiler Dome	H.O.Yard
1	42" x 8" Air Receiver	H.O.Yard
1	No. 5 Knowles Pump	NG. Machine Shop
1	Merritts Hoisting Engine	H.O.Yard
1	Portable Hoist	Moro Mine

BARN - CARTS, WAGONS AND SLEIGHS.

1	Small Chore Wagon	Lake	23.62
5	Double Dump Wagons- 1 Lake	3 at Hard Ore	59.05
	1 at Cliffs Shaft		
5	Double Road Wagons- 1 Lake	4 at Hard Ore	132.86
1	Double Truck, Small	Hard Ore	35.44
1	Double Truck, Large	Mas	44.39
1	Buggy (Engineer's)		28.08
1	Phaeton (Agent's)		29.52
1	Wagon Jack	Hard Ore	.60
3	Wagon Boxes 1 Lake	2 at Hard Ore	35.44
1	Wagon Reach	Hard Ore	1.77
1	Single Chore Sleigh	Lake	14.77
4	Double Road Sleighs 2 Lake	2 at Hard Ore	70.86
1	Double Road Sleigh	Cliffs Shaft	23.62
1	Double Road Sleigh	Hard Ore	42.03
5	Double Dump Sleighs 2 Hard Ore	3 at Lake	14.77
1	Cutter Master Mechanic	Lake	14.77
1	Hay Rack		6.48
2	Sets Whiffle Trees 1 at Hard Ore	1 Lake	5.00
2	Neck Yokes	Hard Ore	2.95
1	Coal Braze Box		8.10
	Total		594.12
	Less 90%		534.71
			59.41
	(80% in 1900)		

Hard Ore Mine

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

BARN - CARTS, WAGONS AND SLEIGHS.

	Amount For'd		59.41
1 Double Road Wagon	Hard Ore	6.48	
1 Small Truck	Lake	8.00	
2 Wood Racks 1 at Hard Ore - 1 at	Lake	2.43	
1 Set Whiffle Trees	Lake	1.22	
1 Neck Yoke	Lake	.40	
Proportion Extension Top Double Carriage		167.88	
2 Surcingles 1-2 Cost		1.00	
2 Blankets " "		4.00	
1 Two-seated Sleigh 12 Cost		90.88	
1 Set Double Harness		30.00	
1 Top Buggy 1-2 Cost	Agent	77.02	
1 Set Silver Mounted Harness 1-2 Cost			
2 100 String Calf Nets			
1 Box Cutter Master Mechanic		18.00	
1 Box Cutter Aster Carpenter			
Freight on Bobbs		<u>3.10</u>	
Total		410.51	
Less 75%		<u>307.88</u>	102.63
(50% in 1900)			
Barn Acct. Forwarded			162.04

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Hard Ore Mine.

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

BARN-HORSES.

		Amount Forwarded		162.04
George	Black	at Cliffs Shaft	88.58	
Rock	Sorrel	" Lake	73.81	
George	Black	Agent's	103.33	
Mack	Bay	" 1-2 Cost	125.00	
Don	Bay	" 1-2 Cost	125.00	
		Freight on Driving Team	<u>21.00</u>	
		Total	536.72	
		Less 75%	<u>402.54</u>	134.13
		(60% in 1900)		
Doll	Black	Hard Ore	150.00	
Kit	Black	Hard Ore	150.00	
Mack	Bay	Agent's, Lake	150.00	
Larry	Bay	Master Mechanic	<u>130.00</u>	
		Total	580.00	
		Less 50%	<u>290.00</u>	290.00
		30% in 1900.		
Babe	Sorrel	Cliffs Shaft	162.50	
Lily	Sorrel	Cliffs Shaft	162.50	
Maud	Brown	Engineer's	<u>80.00</u>	
		Total	405.00	
		Less 50%	<u>202.50</u>	202.50
		(20% in 1900)		
		Total Barn Acct.		788.72

CLEVELAND IRON MINING COMPANY.

Steam Shovel No. 4.

1 65-ton Bucyrus Steam Shovel,		8293.18
Less received on sale of Shovel No. 2 net,		<u>2382.05</u>
Total Net Cost,		5911.13
Depreciation, 1900	1182.22	
1901	<u>2364.45</u>	
Total,		<u>3546.67</u>
Balance November 30th, 1901,		2364.46

CLEVELAND IRON MINING CO.

Recapitulation of Hard Ore Mine Inventory, November 30th, 1901.

	Net Amount
General Supplies	2443.46
Iron & Steel	3943.02
Oil, Grease & Candles	1087.14
Machinery Supplies	8783.90
Building Material	1252.33
Explosives	294.84
Mine Timber	73.20
Fuel	5355.95
Barn	442.73
Total	23676.57

Scrap 464.25

<u>MINE EQUIPMENT</u>	<u>Per Cent Ded.</u>	<u>Valuation</u>	<u>Deduction</u>	<u>Net Amount</u>
Diamond Drills	46.9%	10970.65	5141.94	5828.71
Power Drills	30%	445.44	133.63	311.81
Cars, Skips & Derricks	100%	828.68	828.68	
Portable Machinery	64.4%	6947.01	4476.50	2470.51
Barn	68.8%	2526.35	1737.63	788.72
Total	56.7%	21718.13	12318.38	9399.75
Steam Shovel,				2364.46
	Grand Total,			35905.03



CLEVELAND IRON MINING CO.

Lake Mine Inventory, November 30th, 1901.

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BUILDINGS.

1	Engine House	Frame
1	Boiler Room	"
2	Offices, 1 Capt., 1 Clerk	"
1	Warehouse	"
2	Double Pockets, N. Side	"
1	Single Pocket, S. Side	"
	and Trestle from N. to S.	"
1	Trestle to Rock Dump	"
2	Dry Houses	"
1	Oil House	"
1	Blacksmith Shop	"
1	Carpenter Shop	"
1	Crusher Room ("
1	Pipeman Room (In Shaft House)	"
1	Machinist Room ("
1	Shaft House	"
1	600' Portable Trestle E. Side	"
1	750' Portable Trestle W. Side	"

Lake Mine.

P L A N T .

ENGINE HOUSE.

- 1 Bullock Compound Condensing Engine, and
- 2 12' Drums with Ropes Complete
- 1 Vacuum Pump "Knowles Duplex"
- 1 Small Steam Trap
- 1 Receiver
- 1 Dean Condensor
- 1 Oil Receiver
- 1 Pr. 16" x 30" Air Compressors
- 1 Air Receiver with Pipe Line to Mine
- 1 16" x 42" Allis Engine
- 1 Generator Belt and Pulley with Main Wires
Through the Mine, 2" & 3" Levels
- 5 Motors #1-30 H.P., #2-60 H.P. #3-45H.P.
#4-45 H.P. #5-50 H.P.
- 1 6 x 3 3/8 x 6 Duplex Worthington
- 2 Drums for Timber Hoist Not in Use
- 2 12' Sheaves Timber Hoist
- 1 Special#17 Portable Hoist W.C. & L. Mch.Co. Feb. 1899
- 5 6' Boilers with Blowers
- 1 10 x 6 x 10 Duplex Prescott Pump

Lake Mine

GENERAL SUPPLIES.

1	Auger	1 1/2"		.60
2	Augers	1 5/8"	.65	1.30
19	Axes		6.50 Doz.	10.29
11	Blocks	6" Single	.75	8.25
3	"	6" Double	1.00	3.00
1	"	Loading		1.25
4	Brooms		.35	1.40
2	Brick	Bath	.10	.20
6	Cans	1 Gal.	.25	1.50
10	"	2 Gal.	4.20	3.50
37	"	1 "	.25	9.25
10	"	Squirt	.25	2.50
1	"	1 qt. Steel		.70
4	"	" Curved Spout		
			.35	1.40
1100#	Chain			
18	Chimneys	#2	.65	1.27
21	Cloth	Emery	.03	.63
47	13/20 Coal	Blossburg	3.65	173.92
23	Files	8" Mill B.	.10	2.30
4	Files	10" "	.13	.52
5	Files	16" Flat	.35	1.75
2	Sets Figures			9.84
5	Globes	Street Lamps	.38	1.90
25	Globes	Lantern	.65	1.35
15#	Graphite		.20	3.00
60	Handles	S.H. Case		4.68
2	Handles	Auger	.25	.50
35	"	Ax	2.00	5.83
20	"	Cant Hook	2.00	3.33
1	Pr. Handles	Cross Cut Saw		.25
7	Handles	Hand Saw	.10	.70
72	"	Poll Pick	1.00	6.00
60	"	Sledge	1.10	5.50
8	Hooks	Cant	10.00	6.66
48	Lanterns		6.50	26.00
		<u>Total For'd</u>		

301.07

Lake Mine

GENERAL SUPPLIES (CONTINUED)

Amount Bro't For'd				301.07
153#	Lead	Pig	5.75	8.03
3	Pails	Fibre Barn	.35	1.05
12	Padlocks			3.00
445#	Rope	3/4" Manilla	.11 1/2	51.17
1000"	Rope	5/8" Steel 14-30-7 1/2		90.65
1000"	Rope	1/2" Steel	.07 1/4	72.50
10	Saws	Hand	8.00	6.66
16	Bbs. Salt		.95	15.20
16	Shovels	R. P.	8.25	10.99
7	Shovels	Coal	7.25	4.24
3	Shovels	Scoop	10.00	2.50
63#	Waste	White	.07	4.41
197#	Waste	Colored	.05	9.85
6#	Wicking	Asbestos	.25	1.50
5	Doz. Wicks		.10	.50
6	Wrenches	12"	6.50	3.25
9	Wrenches	15"	13.70	9.90
10	Arms	Contact		
2	Arms	"		
3	Gal. Armalac		1.50	4.50
2	Arresters	Spark	2.50	5.00
1	Ammctre			90.00
2	Bases	Trolley	6.00	12.00
2	Bases	Pole	1.00	2.00
2	Bearings	Axle #5	8.50	17.00
2	Blocks	Fuse	.50	1.00
3	Blocks	Fuse	.30	.90
2	Blocks	Insulating #3 & 4	1.10	2.20
57	Bodies		.17 1/2	9.98
1	Box	Journal #3 & 4		5.75
6	Brick	Rheostat	.50	3.00
12	Brushes	Dynamo	.08	.96
			Total	<u>449.69</u>
			Total Amount For'd	750.76

GENERAL SUPPLIES (CONTINUED)

		Amount Bro't For'd	750.76
182	Brushes #1 Motor	.04	7.28
179	Brushes #2 Motor	.03	5.37
6	" #3 & 4	.10	.60
12	" Copper #5	.90	10.80
4	" Copper #5	.15	.60
12	" Copper #5	1.20	14.40
4	" Timber Motors	.15	.60
12	" Revers Switch	.15	1.80
25	" Shoe & Spring #3 & 4	.25	6.25
2 1/2	Prs. Bushings Armature #1	10.50	26.25
1	Pr. Bushings Armature #2		12.50
2	" " " #3 & 4	8.65	17.30
1	" " " Timber & Motor		4.50
1	Set Bushings Axle #2		21.25
73	Caps Form B.	.14	10.22
100	Cones From B.	.07	7.00
12	Coils Armature #5	.85	7.65
12	Contacts Brass #5	.25	3.00
29	Cups Porous	.20	5.80
111	Ears Walker	.30	33.30
1	Field #3 & 4		16.50
84	Fingers	.07 1/2	6.30
20	Fingers Brush #3 & 4	.35	7.00
15	" B.H. Contract	.05	.75
30	" Controller & Spgs.	.17 1/2	5.25
15	Forks Trolley	2.41	36.15
13	Frogs R. & L.	3.75	48.75
3	Fuses #5 & 4	.20	.60
8	Guides B. H.	.15	1.20
2	Gears #1	12.50	25.00
Total			343.97
Total Amount For'd			1094.73

Lake Mine

GENERAL SUPPLIES (CONTINUED).

			Amount Bro't For'd	1094.73
2	Gears	#3 & 4	20.00	40.00
1	"	#5		11.05
26	Hammers	B. H. #1	.27	7.02
20	"	B. H. # 2	.25	5.00
27	"	B. H. # 3 & 4	.25	6.75
1	Handle	Controller		3.75
1	"	Revers		2.00
23	Heads	Pole	3.78	86.94
3	Holdings	Brush #1	8.10	24.30
1	"	Brush #2		12.50
2	"	Brush #3 & 4	2.33	4.70
4	Jars	Le Glanche	.10	.40
63	Lamps	16 C.P.	.21	13.23
1	Set Linings	Axle #1		28.00
1	"	Axle #2		33.50
2	"	Axle #3 & 4	5.80	11.60
2	"	Timber Motor	7.00	14.00
1 1/2	"	Internal #2	40.00	60.00
1	"	Internal #3 & 4		5.80
1	Set Pands	Rheostat		8.25
4	Pinions	#5	1.53	6.12
24	Pins	Trolley Wheel	.25	6.00
2	Pins	Pivot	.10	.20
6	Plates	Anchor	.15	.90
1	Ring	Mica		2.25
2	Soldering Salts		.50	1.00
20#	Salammoniac		.10	2.00
65	Screws	Cap #3 & 4	.02	1.30
40	"	Controller #3 & 4	.01 1/2	.50
38	Segments	Long # 1 & 2	.17 1/2	6.65
61	"	Short "	.12	7.32
5	"	Long #3 & 4	.15	<u>.75</u>

Total

413.88

6 Total Amount For'd

1508.61

Lake Mine

GENERAL SUPPLIES (CONTINUED)

			Amount Bro't For'd	1508.61
5	Segments	Short #3 & 4	.12	.60
18	Sockets	Key	.25	4.50
110	Sockets	Mica	.22 1/2	24.7
1	Socket	Trolley Base		2.00
7#	Solder		.20	1.40
2	Shoes	Single Contact	3.50	7.00
168	Shoes	Brush #3 & 4	.15	25.20
30	Shoes	Contact	.15	4.50
1	Spring	Donale Contact Shoe		
21	Springs	B. H. Contact #1 &	2.06	1.26
16	Springs	" #3 &	4.15	2.40
36	Springs	B. H. Hammer	.15	5.40
4	Springs	Frame	2.00	8.00
2	Springs	Trolley	4.00	8.00
16	Springs	B. H. Hammer #1&2	.36	5.76
16	Springs	" Timber	.36	5.76
11	Springs	"	.07 1/2	.83
50	Springs	Brush Shoe #3 & 4	.02	1.00
4	Springs	Frame	1.25	5.00
6	Springs	B.H. #5	.25	1.50
27	Springs	B.H. Contact	.17	4.59
91	Sleeves	Splicing	.46 1/2	42.32
5	Switches	500 Volt	.50	2.50
26#	Tape	Manson	.55	14.30
7#	Tape	P. & B.	.45	3.15
8 #	Troughs	Micanik	1.88	15.04
300#	"	M. & P.	.15	45.00
15	Washers	Fiber	.05	.75
12	Wheels	Trolley	1.35	16.20
153#	Wire	Ground Bt.		<u>32.35</u>
			Total	<u>291.06</u>
			Total Amount For'd	1799.67

Lake Mine

GENERAL SUPPLIES (CONTINUED).

		Amount Bro't For'd	1799.67
360#	Wire	Lead Covered .15	54.00
207#	Wire	Eloth Covered .14	28.98
50#	Wire	D.C.C. Armature #1 .25	12.50
195#	Wire	" #2	49.76
106'	Wire	4 O. C.C. 275.00	29.15
20#	Wire	Commutator Lead .20	4.00
100#	Wire	Flexible Strand	14.00
75 1/2#	Wire	#7 D.C.C.	19.71
28#	Zincs	.03	<u>.84</u>
		Total	<u>212.94</u>
		Total General Supplies	2012.61

Lake Mine

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

8423#	Iron Merchant	.02	168.46	
340#	Steel 1 1/4 Sq. Pick	.05 1/4	17.85	
45#	Steel Hammer	.07	3.15	
250#	Steel Drill	.06	15.00	
1710#	Plates Steel	2.15	36.77	
125#	Rivets	4.00	5.00	
1386#	Rail 16#	34.25	21.19	
5	2000/2240 Rail 40#	33.75	198.88	
15	Rail 60#	5.00	78.48	
7	Rail 60# 1900	99.29 Less 1/3	66.20	
7	Rail 30#	"		
150#	8d Nails	2.75	4.13	
150#	10d Nails	2.80	4.20	
100#	20d Nails		2.65	
100#	30d Nails		2.65	
1300#	60d Nails	2.60	33.80	
14	Kegs 3 1/2 x 7/16 Spike	4.70	58.80	
4	Kegs 4 1/2 x 7/16 "	4.30	17.20	
2 1/2	Prs. 40# Switch Points	10.00	<u>25.00</u>	759.41
78	1 x 1/2 Carriage Bolts	2.20	1.72	
85	1 1/2 x "	2.40	2.04	
212	2 x "	2.60	5.51	
63	2 1/2 x "	2.80	1.76	
162	3 x "	3.00	4.86	
171	3 1/2 x "	3.20	5.47	
187	4 x "	3.40	6.36	
187	4 1/2 x "	3.60	5.65	
169	5 x "	3.80	6.42	
112	6 x "	4.20	<u>4.70</u>	
			44.49	
	Less 70 & 10%		<u>32.48</u>	<u>12.01</u>

Total Amount For'd

771.42

Lake Mine

IRON AND STEEL (CONTINUED).

		Amount Bro't For'd		771.42
210	1 x 1/2 Machine Bolts	3.24	6.80	
180	1 1/2 x "	3.60	6.48	
200	2 x "	3.86	7.72	
210	2 1/2 x "	4.12	8.65	
196	3 x "	4.38	8.58	
82	3 1/2 x "	4.54	3.72	
60	1 x 3/8 "	2.24	1.34	
42	2 x "	2.56	1.08	
57	2 1/2 x "	2.72	1.55	
60	3 x "	2.88	1.73	
			47.65	
		Less 75 & 10%	36.93	10.72
145#	1 1/2" x 1/4" Spring Steel			6.99
		Total Iron and Steel		789.13

OIL, GREASE & CANDLES

378	Gals. Black Oil	.09	34.02
184	Gals. Cylinder Oil	.22	40.48
48	Gals. Air Cylinder Oil	.29	13.92
159	Gals. Red Engine oil	.14	22.26
155	Gals. Kerosene Oil	.09 1/2	14.73
244#	#3 Badger Grease	.08	19.52
492"	Gem Hydraulic Grease	.08	39.36
262#	Hard Dredge Oil	.07	18.34
222#	Axle Grease Light	.02	4.44
350	Lubricating Candles		2.85
630#	Candles	.07 1/4	45.68

Total Oil, Grease & Candles

255.60

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

5	Bolts	Cylinder #3 1/4	.20	1.00
10	Bolts	Long Leg	.50	5.00
6	Bolts	Short Leg	.40	2.40
4	Castings	Front Leg	1.50	6.00
1	Casting	Rear Leg		4.10
2	Heads	Cross	.50	1.00
3	Legs	Pipe	1.00	3.00
1	Nut	Feed		1.50
5	1/2 Prs.	Panels	1.00	5.50
5	Pins	Rocker	.25	1.25
6	Sets Rings	Piston Packing	2.58	15.48
2	Rockers		5.20	10.40
6	Standards		1.00	6.00
1	Screw	Feed		2.50
6	Wrenches	Chuck	1.00	6.00
12	Studs	Panel #3 1/4	.25	3.00
12	Springs	Piston Packing #3 1/4	.04	.48
9	Screws	Set #3 1/4	.24	2.16
3	Sleeves		.85	2.55
100'	Hose	1" Air	.30	30.00
30'	Hose	1" Steam	.47	14.10
111#	Packing	Empire	.26	28.86
78#	"	Sq. Rubber	.45	35.10
17#	Flax	Flax	.45	7.65
21#	Packing	Dollar	.75	15.75
42#	"	German Asbestos	.75	31.50
91#	Sheet	Rubber	.15	13.65
33#	Rainbow	Packing	.46	15.18
32#	Valves	Soft Rubber	.75	24.00
25#	Valves	C. & J.	.90	22.50
12#	Valves	Brandon	1.00	12.00

Total Amount For'd

329.61

Lake Mine

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

		Amount Bro't For'd	329.61
18	Springs #5 6 7 8 10	.25	4.50
6	Springs Machine	.30	1.80
60	Bags Pipe Covering 1.50 Plus Frt.	22.40	112.42
2052#	Castings #914 (H.O.Shop)	2.75	56.43
12	Springs 3rd Level Cars	.30	3.60
5	Brasses	.70	3.50
24	Castings #1615	.12	2.88
20	" #1616	1.10	22.00
12	" #1613	1.00	12.00
7	" #1581	.40	2.80
3	" #1582	.70	2.10
6	" #1587	.20	1.20
36	1" Tees	.04	1.44
24	1" Unions	.13	3.12
42	1" Elbows	.04	1.68
37	1" Stop Cocks	.31	11.47
9	1 1/2" Tees	.07	.63
6	1 1/2" Unions	.16	.96
12	1 1/2" Elbows	.05	.60
4	2" Tees	.10	.40
7	2" Unions	.20	1.40
15	Prs. 2" Flanges	.23	3.45
6	2" Elbows	.07	.42
4	Sheaves	70.00	280.00
Total			531.80
Total Machinery Supplies			860.41

Lake Mine

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

3153'	1" Hemlock		11.50	36.26
7653'	3" "		12.33	94.36
11770'	3" "		10.50	123.59
5546'	2" Maple		16.00	88.74
10	pcs. 4 x 6 - 12	Oak 240'	31.50	7.56
1	" 4 x 6 - 14	" 28'	31.50	.88
389	" 1 1/4 x 12 -	125835'	31.50	183.80
1	" 6 x 8 x 12	48'	33.50	1.61
4	pcs. 6 x 8 - 14	324'	33.50	7.50
7	" 6 x 10 - 12	420'	31.50	13.23
1	" 6 x 10 - 10	50'	31.50	1.58
20	" 3 x 8 - 12	480'	31.50	15.12
16200'	3" Hemlock	(from M.)	10.00	<u>162.00</u>

Total Building Material

736.23

Lake Mine

M I N E T I M B E R .

31000'	6 - 8 Timber	.02	620.00
210800'	8 - 10 "	.03	6324.00
119600'	10 - 12 "	.04 3/4	5681.00
72100'	12 - 14 "	.06 1/2	4686.50
35500'	14 - 16 "	.09	3195.00
10150'	16 - 18 "	.09	913.50
147'	30" Fir	1.46 1/2	215.35
132000'	Polés	.85	1122.00
37700'	7' Lagging	.60	226.20
825	Gds. 5' Lagging	3.25	2681.25
37	18' Ties	.90	28.80
970	4 1/2' Ties	.14	135.80

Total Mine Timber 25829.40

F U E L .

5461 Tons Black Coal 2.45 13395.28

E X P L O S I V E S .

1700	Priners	6.00	10.20
500	Electric Fuses	30.10	15.05
6400'	Fuse	4.25	27.20
14#	Wire	.30	4.20
1900#	Powder 50%	.12	228.00
1050#	" 40%	.10 1/2	110.25
1050#	" 40%	.10 1/2	110.25

Total Explosives 505.15

Lake Mine

ANTIQUATED SUPPLIES.

GENERAL SUPPLIES.

1100#	Chain		.01		11.00
10	Arms Contact		1.00		10.00
2	Arms Contact		1.25		2.50
1	Shoe Donole Contact				12.50
1	Spring Donole Contact Shoe				.62
54	Springs Single Contact Shoe		.07 1/2		4.05
18	Bushings Rheostat Frame		.07 1/2 - 90%		.14
1	Frame "		4.25 -90%		.43
8	Insulators Porcelain		.05 -90%		.04
3	" Slate		.05 -90%		.02
5#	" Mica		1.25 -90%		.63
15#	" "		1.25 -90%		1.82
28	Pcs. Plain		.05 -90%		.14
98	" Special		.06 -90%		.59
4	" Knife Blade		.50 -90%		.20
Total General Supplies					44.68

MACHINERY SUPPLIES.

3	Rotating Bars	"Rusted"	5.00 -50%		7.50
3	Cylinders	"	10.00 -50%		15.00
11	Feed Nuts	"	3.00 -50%		16.50
3	Ratchets	"	3.00		4.50
#3 Rand Drill Supplies					<u>214.79</u>
Total Machinery Supplies					258.29

BUILDING MATERIAL.

Lot of Shafting , Pulleys etc. from Timber Mine					176.36
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Lake Mine

MINE EQUIPMENT.

MACHINE SHOP.

- 1 6 x 10 Engine "Union City"
- 1 Pipe Cutter
- 1 Drill Press
- 1 Grind Stone 4' x4"

STOCKING ORE PLANT AT PRESQUE ISLE.

- 1 14 x 36 Allis Corliss Engine
- 1 Baragawanath Heater
- 1 66" x 16' Hot Tube Boiler - M.B.Wks.
- 2 54" x 54" W.C. & L. Drums First Motion
- 1 Baaake Boiler Feed Pump from Scow Plant

Lake Mine

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

POWER DRILLS.

18	#3 Rand Drills	109.08	1963.44	
2	A.E. Buzzo Drills	24.30	48.60	
1	Nixons Ratchet Mining Drill		27.90	
1	#3 Rand Drill "Recovered"			
	Total		2039.94	
	Less 100%		<u>2039.94</u>	00.00
	90% in 1900			
3	#3 1/4 Rand Drills	130.25	390.75	
2	#3 1/4 " " No Tripod	82.72	<u>165.44</u>	
	Total		556.19	
	Less 30%		<u>166.90</u>	389.29

Lake Mine

MINE EQUIPMENT (Continued)

CARS , SKIPS AND DERRICKS

2	Cars Corey Side Dump		277.02	
3	Cars Large Wood End Dump		265.50	
3	Large Wood Side Dump	at Presque Isle (1901)		
8	Cars Motor Bottom Dump	138.51	1108.08	
23	Cars Motor Bottom Dump	94.12	2164.76	
5	Cars Motor Bottom Dump			
25	Cars Motor Side Dump	Made in 1901		
3	Cars Iron Body			
5	Cars Iron Body	Made at Salisbury	202.50	
32	Cars Wood Body		1028.48	
16	Cars Wood Body			
5	Cars Wood Body	Made in 1901		
6	Cars Iron Body	Made in 1901		
8	Cars Timber Trolley	Large		
6	Cars Timber Trolley	Small		
1	Car Larry Push		6.57	
3	Cars Top Tram	Made in 1901 In Marquette		
4	Skips Steel	3 Ton	472.40	
2	Skips Steel	1 Ton at H.O.	106.28	
1	Skip Steel for Lowering Timber		220.16	
2	Skips Steel	3 Ton #3 Shaft		
3	Winches for Hoisting Timber		35.40	
5	Winches for Hoisting Timber		15.20	
1	Plate Bender for Making Cars	at H.O.		
2	Derricks	at H.O.		
1	8' Bicycle Sheave	Charged Off		
	Total		5902.35	
	Less 16%		5607.23	295.12
	(85% in 1900)			

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

PORTABLE MACHINERY

1	Double Engine	Top Tram	177.12
1	Double Engine	Winter Top Tram	
2	Double Hoists	Ledgerwood 1 Salis, 1 L.	732.22
4	Single Hoists	Ledgerwood 1 Maas 1 Shap 2 L.	1123.36
1	Worm Gear for Dump Stick		262.04
1	Double Hoist	L.S.L.Works	118.10
1	Duplex Dean Pump	3 Level	243.00
2	# 10 Knowles Pump	2 Level	649.54
1	#10	" " E.House	177.15
2	#3	" " 3 Level	59.04
1	#5	" " Lake Bottom	88.00
1	#6	" " #3 Shaft	118.60
1	#6 1/2	" " Feed Boilers	132.84
3	#7	" " Lake Bottom	346.89
1	#7	" " P.I. Co.	162.41
1	#7	" " 3 Level	162.41
1	#8	" " Maas	99.63
1	#10	" " Lake Bottom	177.15
1	#7 Cameron	" " Lake Bottom	162.41
1	#6 Blake Special	" " Lake Bottom	
	Belongs to Howell Pump		
1	6 1/2 H.P.	Electric Timber Hoist	667.99
1	6 1/2 H.P.	" " "	631.46
		Total	6291.36
		Less 95%	5976.79
		(80% in 1900)	314.57
	Total Portable Machinery		314.57

Lake Mine

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

BARN.

1 Bay Horse "Mack"	Bought in 1901	140.00	
	Less 50%	<u>70.00</u>	70.00
1 Single Open Buggy		20.25	
1 Single Cutter		<u>9.57</u>	
	Total	29.82	
	Less 100%	<u>29.82</u>	00.00
	(10% in 1900)		
	Total Barn Account		70.00

THE CLEVELAND IRON MINING CO.

Recapitulation of Lake Mine Inventory, November 30th, 1901/

	Net Amount
General Supplies	2012.61
Iron & Steel	789.13
Oil, Grease & Candles	255.60
Machinery Supplies	860.41
Building Material	736.23
Explosives	505.15
Mine Timber	25829.40
Fuel	13395.28
Barn	
Total	<hr/> 44383.81

<u>MINE EQUIPMENT</u>	Per cent Ded.	Valuation	Deduction	Net Amount
Power Drills	85%	2596.13	2206.84	389.29
Cars, Skips & Derricks	95%	5902.35	5607.23	295.12
Portable Machinery	95%	6291.36	5976.79	314.57
Barn	<u>59%</u>	<u>169.82</u>	<u>99.82</u>	<u>70.00</u>
Total	93%	14959.66	13890.68	1068.98

Grand Total

45452.79



IRON CLIFFS CO.

Index to Inventories, November 30th, 1901.

GENERAL ACCOUNTS.

	Cliffs Shaft	Salisbury
Buildings -----	1	1
Plant -----	2-3	2- 3
General Supplies-----	4- 6	4
Iron & Steel-----	7-12	5
Oil, Grease & Candles-----	13-	6
Machinery Supplies -----	14-27	7-11
Building Material-----	28-29	12
Explosives-----	29	12
Fuel-----	30	13
Mine Timber-----	29	13
Barn -----	30	13
Antiquated Material-----	31-32	14
Scrap-----	32	14
Diamond Drills-----	33-34	
Power Drills-----	34	15
Cars, Skips & Derricks-----	35	16
Portable Machinery-----	36	16
Barn-----	37-38	17
Recapitulation-----	39	18

---I N D E X ---

ARTICLES.	Cliffs Shaft	Salisbury
Acid	4	
Antiwuanted Material	31-32	14
Axes		4
Rabbit, Metal	4	4
Barn Equipment	37-38	17
Barn Supplies	30	13
Beams	21	
Bends	19	
Bolts, Machine	10	
Bolts, Carriage	7e 9	5
Boilers	2	2
Books, Time	4	
Borax	5	4
Brick, Common	28	
Brick, Fire	22	
Brake Blocks		7
Buildings	1	1
Building Material	28-29	12
Buffers	24	
Brushers	4	4
Bushings	14	8
Cans, Oil	4	
Candles	13	6
Caps	19	
Caps, Car Wheels	22	
Carbon, D.D.	6	
Carbons, E. L.	4	
Cars, Skips & Derricks	35	16
Carts, Wagons & Sleighs	22	
Castings	26-27	7
Cells, Sampson	4	
Checks, Brass	4	
Chimneys	4	4
Cloth Wire	6	
Coal Blossburg	4	4
Cocks, Stop	20	
Cocks, Pet	20	
Coke	4	
Column, Water	21	
Commutator	21	
Copper Rod	23	4
Couplings	15	8
Couplings	7	
Crosses	15-35	8
Crusher Castings	26-27	
Cylinder Heads	22	
Diamond Drills	33-34	
Drill Steel	11	4
Dwellings	1	1
Elbows	16	9
Explosives	29	11
Elec. Light Supplies	4	
Fiber, Vulc.	24	7
Files	6	4
Fire Extinguishers	4	
Flanges	19	9
Flooring	28	11
Flue Cleaner	21	
Fuel	30	13
Gaskets	24	
Glass Lights	28	
Glasses W.G.	22	

---I N D E X---

	Cliffs	Shaft	Salisbury
Globe Valves Antiquated	19		
Globes, Opal & Clear	4		
General Supplies	4- 6		4
General Supplies, Antiq.	31		
Grate Bars			7
Handles	4		4
Hemlock	28		
Hammers			4
Holders, Carbon	4		
Horses	37		17
Hose, Air	24		
Inspirator	22		
Iron	11		5
Iron & Steel	7-12		5
Iron & Steel, Antq.	31		
Ladders	5		
Ladder Rounds	5		4
Ladder Sides	6		
Lagging	29		13
Lanterns	5		4
Lamps, Inc.			4
Launder, Hemlock	28		
Linseed Oil	28		11
Locks, Pad	28		
Lumber	28-29		11
Magnolia	5		
Maple	29		11
Machinery	2-36		2-16
Machinery Supplies	14-27		7-11
Machinery Supplies Antq.	31-32		
Machine Supplies	23-26		
Mine Timber	29		13
Nails	7		5
Nipples	19		9
Nuts	8		5
Oak	28-29		
Oil, Grease & Candles	13		6
Oilers, Galv.	5		4
Packings	24		7
Pails	5		
Paint	28		11
Pinion	21		
Pipe	14		18
Pipe Dowering	21-24		
Plates, Car	11		
Plank	28		12
Plant	2- 3		2- 3
Plugs	16-17		10
Plunger Poles	22		
Portable Machinery	36		16
Power Drills	34		15
Powder	29		11
Pumps, Steam	36		16
Pump Valves	24		
Rail	11		5
Rand Drill Supplies	23-26		
Recapitulation	39		18
Rivets	7		5
Rope	5		4

---I N D E X ---

	Cliffs Shaft	Salisbury
Salt	5	
Sal. Soda	5	
Saws	5	4
Scrap	32	14
Screws	9	5
Sewer Pipes	5	
Shafting	11	
Sheaves	21-22	7
Shingles	28	
Shoes, Horse	30	13
Shovels	5	4
Spikes	7	5
Springs	21	7
Steel	11-12	5
Stop Cocks, Iron	15	
Swab Sticks	5	
Tees	18	10
Timber	29	13
Unions	18	10
Valves	20	11
Valves, Pump	24	
Washers	8	5
Waste		4
Wicking	6-24	4
Wheel Gear	21	
Wheels, M. Steel	22	7
Wine Bores	21	
Wrenches		4

IRON CLIFFS CO.

Cliffs Shaft Mine Inventory, November 30th, 1901.

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Buildings.

- 1 Stone Engine House
- 1 Stone boiler House
- 1 Brick Smoke Stack
- 1 Steel Smoke Stack
- 1 Stone Blacksmith and Machine Shop
- 1 Stone Mine Office and Laboratory
- 1 Frame Carpenter Shop
- 1 Frame Warehouse
- 1 Frame Dry House, (Destroyed by Fire, Dec. 1st.)
- 1 Frame Barn
- 1 Frame Carriage House. Built in 1901.
- 1 Frame Crusher House
- 1 Frame Crusher Engine House
- 2 Frame Shaft Houses
- 2 Double Ore Pockets (Combined)
- 2 Single Ore Pockets -- "A" & "B"
- 1 Trestle "A" Shaft to Single Pocket
- 1 Trestle "B" Shaft to Single Pocket
- 1 Trestle "A" Shaft to Crusher Pocket
- 1 Trestle "B" Shaft to Crusher Pocket
- 1 Trestle Crusher to Double Pocket
- 1 Trestle Double Pocket to Stocking Ground
- 1 Coal Shed -- 5000 Tons Capacity
- 1 House - Mining Captain
- 1 House - Auditor
- 4 Double Dwellings
- 4 Single Dwellings
- 1 Boarding House. Built in 1899.

Cliffs Shaft Mine.

Plant.

Engine House.

- 1 - 28" X 36" Hoisting Engine with 10' Drums carrying 2900' of 1 1/2 Steel Wire Rope.
- 1 - 28" X 36" Pumping Engine with three 14" and one 20 " Plungers, 12 X 12 Pump Rods and Carriers Complete
- 2 - 16" X 36" Duplex Rand Air Compressors with 2- 48" and 24" Air Receivers connected with Air Pipes from Receivers to Bottom of "A" and "B" Shafts
- 1- #8 Knowles Pump (Engine House)
- 1 - Duplex Worthington Fire Pump
- 1-Electric Light Plant with 25 Arc Lights(2 destroyed by fire Decist, in Dry House.
- 8 - 60" Boilers Complete
- 2 - #5 Knowles Feed Pumps (Boiler House)
- 2 - 7 X 10 Duplex Engines "Puffers"
- 500' - 2 1/2 Rubber Fire Hose
- 2 - Nozzles
- 1 - Siamese Cross
- 1 - New Hose Cart (Built in 1901.
- 1 - Hose Cart

FROM OLD BARNUM ENGINE HOUSE.

- 1 - 60" Boiler Cleveland Yard
- 1 - 60" Boiler Salisbury
- 2 - Drums -Scrap
- 1511' - 7/8 Wire Rope on Drums at Foster

Cliffs Shaft Mine.

PLANT

Crusher.

- 1 - 20" X 30" Engine and Shafting
- 1 - Hodge Crusher
- 1- Holly Crusher
- 1 - Gates Sample CRusher
- 1 Conveyor Engine with Buckets complete in yard.

Old Boiler House.

- 1 - Water Heater for Boiler
- 1 - 14" X 48" Corliss Engine--Yard.
- 1 - Old Iron Smoke Stack.

Cliffs Shaft Mine.

GENERAL SUPPLIES.

12#	Antimony	.16	1.92
34	Large Time Books	.35	11.90
9	1/3 Doz. Small Time Books	2.40	22.40
39	Tons Bloss.	3.62	141.18
37	1/2 Tons Coke	5.82	218.25
5	Lantern Burners	.70	.30
3	#2 Burners	.90	.22
106#	Genuine Babbitt	.30	32.40
	Repairs Battern		12.00
20	Sets Dynamo Brushes	.40	8.00
2	Doz. Acid Bottles	1.50	3.00
9	2/3 Doz. #3 Rochester Chimneys	.85	8.21
2	Only #2 " "	.07	.14
6	-1 Gal. Cans	.25	1.50
1	-10 Gal. Can		.75
1	-5 Gal. Can		.25
560	Electric Light Carbons	9.75	5.46
175	Spring Cotters	.50	.87
400	Brass Checks	.77	3.08
12	Electric Light Clamps	.12	1.44
8	Sampson Cells Michigamme		6.00
4	Tin Dippers	.10	.40
16	Fire Extinguishers	1.50	24.00
28	Lantern Globes	.05	1.40
1	Street Lamp Globe		.50
11	Opal Globes	5.00	4.58
18	Clear Globes	4.50	6.75
1	Hand Grenade		.25
10	Axe Handles	1.25	1.00
2	Adz "	.12	.24
4	Hammer Handles	.85	.28
58	Bottom Holders	.15	8.70
6	Upper "	.15	.90

Total For'd 528.27

Cliffs Shaft Mine

GENERAL SUPPLIES (CONTINUED)

	Amount Bro't For'd	528.27
4 Sets Dynamo Brush Holders	.72	2.88
13 Buhl Lanterns	6.50	7.04
1# Trot Line		.40
80' Ladders	.07	5.60
110# Pig Lead	.03 1/2	3.85
372# Magnolia	.22	81.84
8 1 qt. G alvanized Oilers	3.00	2.00
16 Pkg. 1776 Powder	.11	1.76
8 Wood Pails	3.50	2.34
3 Fiber "	3.50	.87
2 Doz. emery Paper	.10	.20
2 Doz. Sand "	.06	.12
9 Lengths Sewer Pipe	.10 1/2	.95
4 Lamp Parts #1010	.68	2.72
1 Nail Puller		.85
4 Joints 8" Sewer Pipe		1.25
1 Dope Pail		.25
158# 3/4 Rope Man		
110# 1 "		
42# 1/2 " Total 310#	.11 1/2	35.65
1025' Steel Wire Rope		95.45
1800' 1 1/4" Steel Wire Rope	.46 Less 30%	536.13
3200' 1 1/2 Swedes Ir on Rope	.57 7 1/2%	1181.04
164 Ladder Rounds	2.00 Less 30%	3.28
101 Bbl. Salt	.87 1/2	88.38
2 Scoop Shovels	1.00	2.00
34 Swift Rd. Pt. Shovels	9.00	25.50
1 Long Hande "		.95
158 Swab Sticks	.12 1/2	19.75
335# Sal. Soda	.85	2.85
3 Saws	8.00	2.00
Total For'd		<u>2107.90</u>
		2636.17

Cliffs Shaft Mine

GENERAL SUPPLIES (CONTINUED).

Amount Bro't For'd

2636.17

494'	Ladder Sides	.01	4.94	
4	Switches Complete	.25	1.00	
1	# Car Tacks		.15	
3	Mine Torches	.15	.45	
1/3 Doz.	#2 Wicks		.05	
2	Only Rock Wicks		.05	
4	# Wicking	.18	.72	
25	# White Waste	.07	1.75	
2	Cores Lace Wire	.50	1.00	
3	# 3/16 Brass Wire	.25	.75	
46	# Borax	.12	5.52	
326	Sq. ft. Wire Cloth	.08	26.08	
27	Pks. Carpet Chalk	.001/2	.14	
24	14" Flat Files	3.48	6.96	
12	12" "		2.52	
10	16" "	4.65	3.87	
21	12" Taper Files	2.85	4.99	
5	9" "	1.44	.60	
5	10" "	1.85	.77	
4	4" "	.66	.22	
19	27/64 Kts. Carbon	17.04	330.97	
189	49/64 "	48.20		
68	4/64 "	48.20		
			12429.67	12823.55
			<hr/>	
			Total General Supplies	15459.34

Cliffs Shaft Mine.

I R O N & S T E E L .

110#	3/8 x 3/4 Burden Rivets			
45#	3/8 x 1	"		
55#	3/8 x 1 1/4	"		
78#	3/8 x 1 3/4	"		
82#	5/8 x 1 1/4	"		
83#	5/8 x 1 1/2	"		
24#	5/8 x 1 3/4	"		
40#	5/8 x 2	"		
98#	5/8 x 2 1/4	"		
95#	5/8 x 2 3/4	"		
85#	5/8 x 3	"		
84#	3/4 x 1 3/4	"		
160#	3/4 x 2	"		
35#	3/4 x 2 1/4	"		
120#	Assorted Rivets	1194#	.04	47.76
70#	3d Nails		3.15	2.20
40#	4d "		3.80	1.52
20#	8d "		3.50	.70
100#	40d "			3.50
70#	60d "		2.65	1.86
287#	10d Casing Nails		3.45	9.90
45#	8d " "		3.55	1.60
150#	8" Boat Spikes		4.70	3.51
25#	4 1/2 x 7/16 R.R. Spikes		4.25	.53
120	5/16" x 2 1/2" Carriage Bolts		1.40	1.68
75	1/4" x 1 1/4 " " "		1.00	.75
25	5/16" x 5 1/2" " " "		1.50	.38
20	5/16" x 5 1/2" " " "		2.00	.40
10	5/16" x 1 3/4" " " "		1.25	.13
				3.34
	Less 70 and 10%		2.44	.90
	Forward			73.98

Cliffs Shaft Mine.

I R O N & S T E E L (CONTINUED).

	Amount Bro't For'd	73.98
11# 1 1/8" Chuck Bolt Nuts	10.54	1.16
50# 7/8" Square Nuts Tapped		
35# 1 3/4" "		
15# 3/4 Hexagon Nuts Tapped		
10# 5/8" "		
5# 1/2" "		
48# 1" "		
33# 1 1/8" "		
70# 1 1/4" "		
30# 1 1/2" "		
92# 1 1/4" "		
<u>80#</u> 5/8" "		
468#	.07	32.76
175# 1 1/2" Hexagon Nuts Blank		
138# 5/8" "		
74# 1 1/8" "		
23# 1/2" "		
135# 1 1/8" Square Nuts Blank		
42" 1" "		
13# 3/8" "		
<u>95#</u> Assorted Nuts		
695#	.06	41.70
7# 3/8" Washers Cut		
15# 1/2" "		
20# 5/8" "		
9# 3/4" "		
25# 7/8" "		
<u>25#</u> 1" "		
101#	3.50	3.54
73# 1 1/4" Old Washers	3.00	2.19
52# Cast Washers	1.75	<u>.91</u>
		82.26
	Forward	156.24

Cliffs Shaft Mine

IRON AND STEEL (CONTINUED).

			Amount Bro't For'd	156.24
75	1/2 x 3	Coach Screws	4.83	3.62
280	5/8 x 3	"	6.00	16.80
265	5/8 x 5	"	8.00	21.20
95	3/4 x 8		15.60	<u>14.82</u>
				56.44
			Less 75 & 10%	43.74 12.70
115	1 1/2 x 3/8	Carriage Bolts	1.50	1.72
100	2 x	"	1.50	1.50
38	2 1/4 x	"	1.57	.60
61	2 1/2 x	"	1.64	1.00
140	2 3/4 x	"	1.71	2.39
110	3 3/4 x	"	2.01	2.21
150	3 1/4 x	"	1.85	2.77
142	4 x	"	2.06	2.93
200	4 1/2 x	"	2.20	4.40
340	5 x	"	2.34	7.95
210	5 1/2 x	"	2.48	5.21
169	6 x	"	2.62	4.43
158	6 1/2 x	"	2.76	4.86
85	7 x	"	2.90	2.47
255	1 1/2 x 1/2	"	3.00	7.65
125	2 x	"	3.00	3.75
50	2 1/2 x	"	3.00	1.50
50	3 x	"	3.00	1.50
67	3 1/2 x	"	3.25	2.18
68	4 x	"	3.40	2.31
180	4 1/2 x	"	3.60	6.48
43	5 x	"	3.80	1.63
290	5 1/2 x	"	4.00	11.60
380	6 x	"	4.20	15.96
84	7 x	"	4.60	3.86
115	6 1/2 x	"	4.40	5.06
				<u>107.42</u>
			Less 70 & 10%	9 78.42 29.00 41.70
			Forward	<u>197.94</u>

Cliffs Shaft Mine

I R O N A N D S T E E L (CONTINUED).

		Amount Bro't For'd		197.94
200	3/8 x 1-3/4 Plow Bolts	2.20	4.40	
200	1/2 x 2-3/4 "	4.70	9.40	
			<u>13.80</u>	
	Less 60 & 10%		<u>8.84</u>	4.96
23	1/2 x 2-1/2 Machine Bolts	4.00	.92	
310	3 x 1/2 "	4.20	13.02	
227	3-1/2 x "	4.40	9.98	
160	4 x "	4.60	7.36	
42	4-1/2 x "	4.60	2.01	
50	5 x "	5.10	2.55	
15	1-1/2 x 3/8 "	2.40	.36	
50	2 x "	2.52	1.26	
270	2-1/2 x "	2.64	7.13	
290	3 x "	2.76	8.00	
100	1 x 5/8 "	5.20	5.20	
80	1-1/2 x "	5.20	4.16	
150	2 x "	5.50	8.25	
145	3 x "	6.10	8.84	
54	3-1/2 x "	6.40	3.46	
234	4 x "	6.70	15.68	
143	4-1/2 x "	7.00	10.01	
144	6 x "	7.90	11.38	
31	5 x "	7.30	2.26	
105	5-1/2 x "	7.60	7.98	
105	3/4 x 2-1/2 "	8.08	8.48	
95	2 x 3/4 "	7.64	7.26	
60	3 x "	8.52	5.11	
80	3-1/2 x "	8.96	7.17	
24	3-3/4 "	9.40	2.26	
56	4 x "	9.40	5.26	
50	8 x "	12.92	<u>6.46</u>	
			171.81	
	10 Less 75 & 10%		<u>133.16</u>	38.65
	Forward			<u>43.61</u>
				241.55

Cliffs Shaft Mine

IRON AND STEEL (CONTINUED).

	Amount Bro't For'd	241.55
5990# Merchant Bar	2.00	119.80
112# 1 x 6 Charcoal Iron	2.00	2.24
25# 4x3x3/8 Angle Iron	1.75	.44
87# 3x3/8 Angle Iron	1.75	1.52
47# 2 1/2 Tee Iron		
1 Channel 12"x3"x15' 458#	1.48 1/2	6.80
1 Angle 2x3x1/4 73#	1.75	1.28
8# 5/8o Low Moor Iron		
12# 1 "		
42# 1 1/8 "		
28# 1 3/8 "		
116# 1 1/2 "		
3066# Asst'd Low Moor Iron	.07 1/2	229.95
1171# Asst'd Rd. Swedes Iron	.04	46.84
1651# Asst'd Cold Roll Shafting	.04 1/2	74.29
465# 3 1/4 Sq. Sledge Steel	.08 3/4	40.69
8# 2 x 7/8 Tool Steel	.12 1/2	1.00
60# 1 1/8o Tool Steel	.12 1/2	7.50
27# 1 x 3/4 Lathe Steel	.12 1/2	3.38
7# 1 x 5/8 Tool Steel	.12 1/2	.87
580# 1 1/8 D. Steel from Volunteer	.01	5.85
1690# 1 1/4 Howes Drill	.06	101.40
43# 7/8 Rd. Drill Steel	.06	2.58
352# 1 "	.06	21.12
26# 2 x 1/4 Angle Iron	1.75	.45
275# 1/4" Sq. Iron	.02	5.50
122# 3/16" Rd. Iron	.02	2.44
258# Beam Iron	.02	5.16
36 Pcs. Rail 9' Long	.88 1/2	31.86
7 Sets Car Plates	7.62	<u>53.34</u>
Total		<u>766.30</u>
Total Amount For'd		1007.85

Cliffs Shaft Mine

IRON AND STEEL (CONTINUED).

	Amount Bro't For'd		
5062# Asst'd Machinery Steel	2.25	113.94	<u>113.94</u>
	Total Iron & Steel		1121.79

AMERICAN PIPE & STEEL CO.
LITTLE ROCK, ARK.
MADE IN U.S.A.

Cliffs Shaft Mine

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

352	Gal. Cylinder Oil	.22	77.44
148	Gal. Kerosene Oil	.08 1/2	12.58
341	Gal. Black Oil	.09	30.69
115	Gal. Air Cylinder Oil	.26	29.90
27	Gal. Lard Oil	.56	15.12
36	Gal. Red Eng. Oil	.14	5.04
185#	Axle Grease	.02	3.70
24#	Cup Grease #2	.08 1/4	1.98
112#	Albany Compound	.16	17.92
45#	Cable Shield	.08	3.60
1831#	Moonshine Wax	.6 1/2	119.01
35	Box Candles	2.92	<u>102.20</u>
	Total		419.18

Cliffs Shaft Mine

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

325'	3/8"	Black Pipe	.05 1/2	1.76	
280'	1/2"	"	.08 1/2	<u>23.80</u>	
				25.56	
			Less 61%	<u>15.59</u>	9.97
417'	3/4"	Black Pipe	.11 1/2	47.96	
275'	1"	"	.16 1/2	45.37	
51'	1 1/2"	"	.27	13.77	
144'	2"	"	.36	51.84	
20'	2 1/2"	"	.57 1/2	11.50	
5'	5"	"	1.45	7.25	
26'	6"	"	1.88	<u>48.88</u>	
				226.57	
			Less 58%	<u>154.07</u>	72.50
120'	1 1/2"	Thick Pipe	.23 1/2		28.20
22'	1 5/16 x 2 6/16	Steel Tubing	.48		10.56
14'	2 1/2"	Heavy Pipe	.40		5.60
92'	6" x 1"	Galv. Pipe	.26	24.05	10.83
		Less 50 & 10%			
30'	15"	Galv. Pipe	2.10	63.00	15.75
		Less 75%			
12	1/2"	Bushings	.04	.48	
15	3/4"	"	.05	.75	
24	1"	"	.06	1.44	
19	1 1/4"	"	.07	1.33	
19	1 1/2"	"	.09	1.71	
90	2"	"	.14	12.60	
23	2 1/2"	"	.21	4.83	
9	3"	"	.30	2.70	
3	4"	"	.50	1.50	
8	5"	"	.92	7.36	
5	6"	"	1.25	6.25	
2	10"	"	3.75	<u>7.50</u>	
				48.45	
			Less 75, 10 & 5%	<u>38.10</u>	<u>10.35</u>
			Total		163.76

Cliffs Shaft Mine

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

		Amount Bro't For'd	163.76
1	3/4" Iron Stop Cocks	1.05	1.05
5	1 1/4" "	1.60	8.00
11	1 1/2" "	1.95	21.45
8	2" "	2.70	<u>21.60</u>
			52.10
	Less 75 & 5%	<u>39.73</u>	12.37
28	1" Brass Plug Stop Cocks Net .616		17.25
1	3/8" Couplings	.06	.06
2	1/4" "	.05	.10
5	1/2" "	.07	.35
54	3/4" "	.10	5.40
13	1" "	.13	1.69
52	2" "	.28	14.56
9	1 1/4" "	.17	1.53
13	1 1/2" "	.21	2.73
2	3" "	.60	1.20
4	4" "	1.00	4.00
4	5" "	1.65	6.60
4	6" "	2.40	9.60
1	7" "	3.25	3.25
6	8" "	4.25	25.50
7	12" "	10.00	<u>70.00</u>
			146.57
	Less 70 & 5%	<u>104.80</u>	41.77
1	1 1/4" Cross	.42	.42
1	1 1/2" "	.53	.53
1	2" "	.75	.75
1	2 1/2" "	1.30	1.30
1	3" "	2.00	2.00
3	4" "	3.15	9.45
2	5" "	5.50	<u>11.00</u>
			25.45
	Less 75 & 5%	<u>19.41</u>	6.04
	Forward 15		<u>241.19</u>