

AGENT'S ANNUAL REPORTS AND
STATISTICS

YEAR 1900.

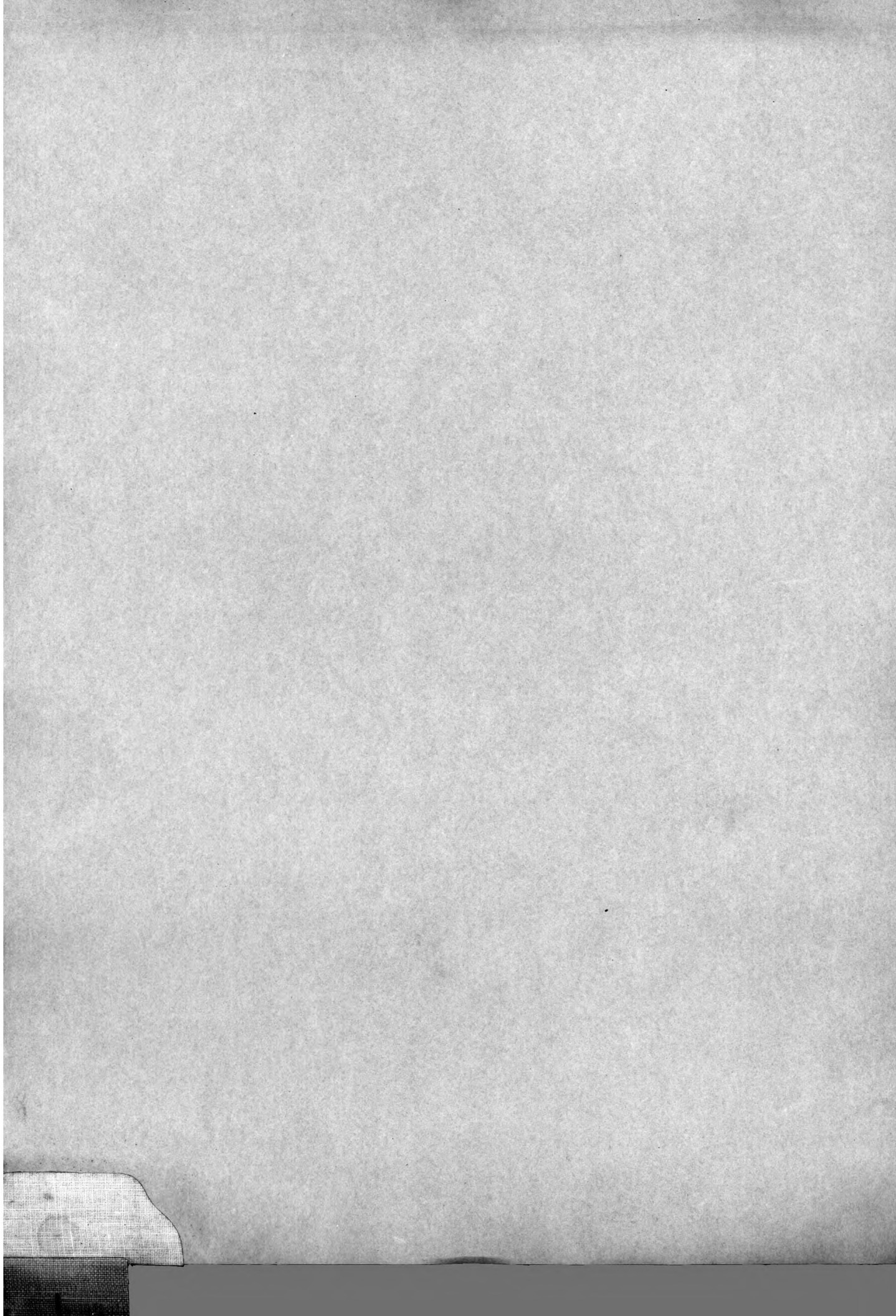
ANNUAL REPORTS AND STATISTICS

DEPARTMENT OPERATIONS

YEAR ENDING NOV. 30, 1900

I N D E X

1	Mine Department Inventory Cleveland Iron Mining Company	1	✓
2	" " " Iron Cliffs Company	2	✓
3	Furnace Department Manager's Annual Report Cleveland-Cliffs Iron Company	3	✓
4	" " Inventory Cleveland-Cliffs Iron Company ¹ / ₂	4	✓
5	Carp River Furnace Department Inventory Pioneer Iron Company	5	✓
6	Land Department Agent's Annual Report Cleveland-Cliffs Iron Company	6	✓
7	" " " " " Cleveland Iron Mining Company	7	✓
8	" " Inventory Iron Cliffs Company	8	✓



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 " Carpenter & Blacksmith Shop connected
- 1 " Dry House - Built by Cleveland Iron Mining Co.
- 1 " Pump House - Built by Cleveland Iron Mining Co.
- 1 " Two Story Barn
- 2 " Dwelling Houses
- 1 Log Dwelling House

P L A N T .

- 2 3½' X 15' Boilers
- 1 #15 Hancock Inspirator
- 1 Hoisting Engine with 2 - 5' Drums
- 1 Water Heater - Bought by Cleveland 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.

B A R N E Q U I P M E N T .

- 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

Imperial Mine.

Inventory Account 1 Dec. 1st/1900.

GENERAL SUPPLIES.

10# Salammoniac	.20	2.00
2½ Barrels Salt	1.10	2.75
40# Waste	.05	2.00
12 Axe Handles	1.25	1.25
6 Shovel Handles	1.20	.60
5 Shovels	9.00	3.75
80' ¼" Wire Rope(Signal Strand)	.78	.62
14 Pole Picks	8.50	9.92
24 7# Striking Hammers 168#	.09 per #	15.12
2 16# Striking Sledges 32#	.09 " "	2.88
116 Pick Handles, Poll 9 2/3 Doz.	1.10	10.63
18 Hammer Handles	1.20	1.80
2 Water Pails, 1 Wood 1 Fibre	3.50	.58
2 Street Lamps	4.25	8.50
2 Brooms	.35	.70
4 Hand Saws	.85	3.40
7 Single Bitt Axes	7.50	4.37
10 Street Lamp Chimneys	.40	4.00
8 Rochester Lamp Chimneys	1.80	1.20
10 Lantern Globes	.75	.63
15# White Lead	.07	1.05
6 10" Flat Files	.15	.90
1 14" Round File	3.21	.27
1 ½" Square File	.23	.23
130 Feet Ladders from H.O.	.08	10.40
4 14" Monkey Wrenches	14.40	4.80
4 Common Locks	.35	1.40
24 Street Lamp Wicks	.10	2.40
7 Rochester Lamp Wicks	.05	.35
14½ Tons Blossburg Coal	4.55	65.97
10# Oakum	.10	1.00

Total General Supplies

165.47

Imperial Mine.

I R O N & S T E E L .

150#	Nuts 1½ to 3/8 not threaded	.07	10.50
1670#	Iron	.02½	41.75
580#	R.R. Spikes	.04	23.20
40#	20 Penny Nails	.03½	1.40
100#	40 Penny Nails	.03½	3.50
40#	4 Penney Nails	.03½	1.40
75#	Boat Spikes	.04	3.00
15#	10 Penny Nails	.03½	.52
335'	20# Tee Rails (Stock) 2234#)		
			12.50
125'	30# Tee Rails " 1250#)		19.44

Total Iron & Steel 104.71

OIL, GREASE and CANDLES.

22	Gal. Cylinder Oil	.26	5.72
20	Gal. Black Oil	.11½	2.30
36	Gal. Red Engine Oil	.15	5.40
1314#	Candles	.09	118.26
43#	Arctic Compound Grease	.07	3.01

Total Oil, Grease & Candles 134.69

✓

Imperial Mine.

MACHINERY SUPPLIES.

22'	3/4"	Black Pipe	.11½	2.53
195'	1½"	" "	.27	52.65
140'	2½"	" "	.57½	80.50
80'	3"	" "	.75½	60.40
				<u>196.08</u>
		Less 67½%		<u>132.35</u> 63.73

13	½"	Bushings	.04	.52
2	3/4"	"	.05	.10
1	1"	"	.06	.06
5	1¼"	"	.07	.35
3	1½"	"	.09	.27
4	2"	"	.14	.56
4	3"	"	.30	1.20
1	4"	"	.50	.50
5	5"	"	.93	4.65
				<u>8.21</u>
		Less 75 - 10 & 5%		<u>6.46</u> 1.75

2	¼"	Couplings	.05	.10
2	½"	"	.07	.14
7	3/8"	"	.06	.42
17	3/4"	"	.10	1.70
3	1"	"	.13	.39
11	1¼"	"	.17	1.87
2	1½"	"	.21	.42
19	2"	"	.28	5.32
10	2½"	"	.40	4.00
2	3"	"	.60	1.20
4	4"	"	1.00	4.00
11	5"	"	1.65	18.15
				<u>37.71</u>
		Less 70 & 5%		<u>26.97</u> 10.74

Amount For'd

76.22

Imperial Mine.

MACHINERY SUPPLIES (CONTINUED).

			Amount For'd		76.22
4	1/4"	Elbows	.05	.20	
6	3/8"	"	.05	.30	
1	1/2"	"	.06	.06	
4	3/4"	"	.08	.32	
9	1"	"	.11	.99	
18	1 1/4"	"	.16	2.88	
9	1 1/2"	"	.20	1.80	
11	2"	"	.28	3.08	
19	2 1/2"	"	.50	9.50	
1	2 1/2"	45° "	.60	.60	
4	3"	"	.75	3.00	
5	4"	"	1.20	6.00	
				<u>28.73</u>	
Less 75 & 5%				<u>21.91</u>	6.82
4	3/4"	Stop Cocks	1.05	4.20	
9	1"	" "	1.30	11.70	
				<u>15.90</u>	
Less 75 & 5%				<u>12.12</u>	3.78
4	3/8"	Nipples	.06	.24	
4	3/4"	"	.08	.32	
12	3/4"	"	.08	.96	
2	1"	"	.10	.20	
7	1"	"	.10	.70	
14	1 1/4"	"	.14	1.96	
3	1 1/2"	"	.17	.51	
2	2"	"	.21	.42	
4	2 1/2"	"	.40	1.60	
14	2 1/2"	"	.40	5.60	
4	3"	"	.52	2.08	
7	3"	"	.52	3.64	
3	5"	"	1.42	4.26	
11	6"	"	1.77	19.47	
				<u>41.96</u>	
Less 80%				<u>33.57</u>	8.39
				<u>18.99</u>	
			Amount For'd		95.21

Imperial Mine.

MACHINERY SUPPLIES (CONTINUED).

		Amount For'd		95.21
6	1/4" Tees	.08	.48	
6	3/8" "	.08	.48	
7	1/2" "	.09	.63	
13	3/4" "	.12	1.56	
3	1" "	.15	.45	
8	1 1/4" "	.23	1.84	
6	1 1/2" "	.29	1.74	
4	2" "	.41	1.64	
2	2 1/2" "	.73	1.46	
3	3" "	1.10	3.30	
2	6" "	4.00	8.00	
			<hr/>	
			21.58	
Less 75 & 5%			<hr/>	
			16.45	5.13
			<hr/>	
1	1/4" Plug	.02	.02	
3	1/2" "	.02	.06	
5	3/4" "	.03	.15	
8	1" "	.04	.32	
3	1 1/4" "	.05	.15	
1	1 1/2" "	.07	.07	
4	2" "	.10	.40	
3	2 1/2" "	.18	.54	
2	3" "	.25	.50	
1	6" "	1.20	1.20	
			<hr/>	
			3.41	
Less 75 - 10 & 5%			<hr/>	
			2.68	.73
			<hr/>	5.86
Total				5.86

Amount For'd

101.07

Imperial Mine.

MACHINERY SUPPLIES (CONTINUED).

		Amount For'd		101.07
3	3/8" Unions	.20	.60	
5	1/2" "	.22	1.10	
6	3/4" "	.27	1.62	
10	1" "	.33	<u>3.30</u>	
			6.62	
Less 80%			<u>5.30</u>	1.32
5	Prs. 1" Flange Unions	.52	2.60	
2	" 1 1/4" " "	.64	1.28	
1	" 1 1/2" " "	.78	.78	
6	" 2" " "	1.00	6.00	
3	" 2 1/2" " "	1.25	3.75	
1	" 4" " "	2.10	2.10	
2	" 5" " "	3.15	<u>6.30</u>	
			22.81	
Less 75 & 10%			<u>17.68</u>	5.13
1	2" Gate Valve	10.00	10.00	
2	2 1/2" " "	12.00	<u>24.00</u>	
			34.00	
Less 70 & 10%			<u>24.82</u>	9.18
				<u>15.63</u>
		Total		15.63

Amount For'd

116.70

Imperial Mine.

MACHINERY SUPPLIES (CONTINUED).

		Amount For'd	116.70
1	3/8" Globe Valve	.79	.79
1	3/4" " "	1.26	1.26
9	1 1/4" " "	2.52	22.68
3	1 1/2" " "	3.50	10.50
5	2" " "	5.30	26.50
2	3" " "	14.40	28.80
1	4" " "	36.00	36.00
1	2" Angle Valve	5.30	5.30
			<u>131.83</u>
Less 70%			<u>92.28</u> 39.55
1	Chuck Bolt	.80	.80
11	Rotating Nuts	2.40	26.40
2	Feed Screws	6.40	12.80
2	2 1/2" Brass Hose Couplings	1.25	2.50
1600#	Grate Bars (Inv. in Tools & Chattels)		
38#	Packing Empire	.28	10.64
26#	" Sheet Rubber	.15	3.90
10#	" Rainbow	.50	5.00
16 1/4#	" Hemp	.14	2.28
42#	" Square Rubber	.45	18.90
7#	" Goodsell's Dollar	1.00	7.00
8#	" Asbestos Board	.08	.64
			<u>90.86</u> 90.86 130.41
Total			130.41

Amount For'd

247.11

MACHINERY SUPPLIES (CONTINUED).

	Amount For'd		247.11
265 Fire Brick	40.00	10.60	
2 Bbls. Fire Clay	2.50	5.00	
1 Wood Roller 5'4" Long)		
2 Wood Rollers 3' Long)		
3 Wood Rollers 2' Long) 17' 4" 40.00	.69	
35 Pcs. Brake Blocks	.20	7.00	
6 3/4 X 16 W.G. Glasses	1.50	.75	
5 16" Car Wheels 300#	.02 3/4	8.25	
1 #20 Hancock Inspirator		13.75	46.04

Total Machinery Supplies

293.15

Imperial Mine.

BUILDING MATERIAL.

50#	Red Building Paper		.02 $\frac{1}{2}$	1.25
15	Pcs. 5 X 7 - 18	788'	16.00	12.61
2	Pcs. 10X 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 $\frac{1}{2}$	M. Shingles		2.50	3.75
12	Pcs. Glass 9 X 14		.08	.96
10#	Putty		.03	.30
51	Gal. Red Paint		.55	28.05
5	Gal. Green Paint		1.50	7.50

Total Building Material

202.52

Imperial Mine.

EXPLOSIVES.

2350#	40% Hex. (45 Boxes)		.10 $\frac{1}{2}$	246.75
13	Kegs Black Powder		1.50	19.50
4400'	Double Tape Fuse		4.25	18.70
4200'	Blasting Caps		.50	21.00
100	Electric Fuses		2.83	2.83

Total Explosives

308.78

MINE TIMBER.

380	Ties 9' Long	3420'	.02 $\frac{1}{2}$	85.50
291	Pcs. 8 & 10-8	2328'	.03 $\frac{1}{2}$	81.48
4900'	7' Lagging		.60	29.40
167	Pcs. 8 & 10 - 16	2672'	.043	115.26

Total Mine Timber

311.64

FUEL.

575	Tons Coal		4.00	2300.00
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Total Fuel

2300.00

Imperial Mine.

Recapitulation of Inventory, November 30th, 1900.

	Supplies Proper	Supplies Antiquated	Total Amount
General Supplies	165.47		165.47
Iron & Steel	104.71		104.71
Oil, Grease and Candles	134.69		134.69
Machinery Supplies	293.15		293.15
Building Material	202.52		202.52
Explosives	308.78		308.78
Mine Timber	311.64		311.64
Fuel	<u>2300.00</u>		<u>2300.00</u>
<u>Total</u>	<u>3820.96</u>		<u>3820.96</u>

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 - 20 X 32 Cylinder
- (2 5' Drums - Bought from Iron Cliffs Co. - "Fitch"
- 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 3½ 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

Michigamme Mine.

EXPLOSIVES .

62 Boxes Powder 50% Hex.	12.00	372.00
3400' Fuse	4.25	14.45
3100' Caps	5.00	15.50
68# Battery Wire	.28	19.04
1 Box Exploders (50)	2.83	<u>1.42</u>
		422.41

Total Explosives 422.41

MINE TIMBER .

21 Pcs. 16' Stulls	1.62	34.02
160 " 9' Cedar Ties - 1440'	.02 3/4	39.60
2578' Poles 2578'	.01	<u>25.78</u>
		99.40

Total Mine Timber 99.40

FUEL .

2293 Tons Coal	3.64	8336.27
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Total Fuel 8336.27

BARN .

5# Horse Shoe Nails	.08	.40
5 Tons Hay	10.00	<u>50.00</u> 50.40

Total Barn 50.40

Michigamme Mine.

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

General Supplies.

1 Gasoline Torch Burner		.10	
6 Old Door Tracks	.05	.30	
1 Water Tank - N.G.		.50	
6 Bbls. Miners Clay		3.00	
6 50 Gal. Oil Tanks		<u>6.00</u>	

Total General Supplies . 9.90

Diamond Drill Dept.

Machinery Supplies.

As per 1899 Inventory		27.40	
Old Dies & Taps as per 1899 Inventory		<u>10.50</u>	37.90
25# Solid Rubber			

Total Machinery Supplies . 37.90

Total Antiquated Supplies 47.80

Less 100% 47.80

00.00

Michigamme Mine.

S C R A P .

3845# Cast Scrap

6.00

10.30

Michigamme Mine.

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

P O W E R D R I L L S .

11	#3 Rand Drills	10.00	110.00
9	Tripod Clamps (Wrought)	.15	1.35
1	4" Column		6.00
1	7" Column		6.00
7	6" Columns	6.00	42.00
4	Tripods	7.00	<u>28.00</u>
			193.35
	Less 20.7%		<u>40.00</u>

Total Power Drills

153.35

Michigamme Mine.

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

C A R S , S K I P S a n d D E R R I C K S .

480#	Skip Washers	2.70	12.96
7	10" X 3" Skip Wheels	630#	
2	10" X 7" " "	230#	
2	16" X 7½ " "	320#	
6	18" Car Wheels	<u>1350#</u>	
		2530#	12.00
72#	Skip Wheel Bushings	2.70	1.94
1	2" Axles - 4' Long		.75
2	Old Skips		
2	Tram Car Axles	1.00	2.00
1	Exploring Bucket		1.00
1	Exploring Water Bucket		.50
1	¼ Ton Iron Bucket		2.00
600'	Old 1" Wire Rope on reel	1900#	6.00
2	Iron Buckets (Scrap)		
2	Hoods for Forge		1.00
1	Pr. 18" Wheels on Axle		<u>3.00</u>

Total Cars, Skips and Derricks

43.15

Michigamme Mine.

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

P O R T A B L E M A C H I N E R Y .

1 Copeland & Bacon Portable Hoist (Drum Missing)	10.00
1 16" Drum for Portable Hoist (Hoist Missing)	10.00
1 7" X 3½" X 12" Steam Pump Frame Broken - Scrap	2.00
1 #3 Knowles Pump	25.00
1 Small Hoist Pr. 5 X 5 Engines 12" Drum	30.00
1 Flywheel Pump - Scrap	2.00
1 #7 Knowles Pump	50.00
1 5½" Steam Gauge	.75
1 300# Pinion	8.10
1 Horizontal Engine (N.G.)	25.00
	<hr/>
	162.85
Less 52+%	<hr/>
	85.00

Total Portable Machinery

77.85

Michigamme Mine.

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

S E P A R A T O R .

1 "Atlas" Engine with 2 "V" friction drums	180.00
3 Dynamos	<u>60.00</u>
	240.00
Less 41.7%	<u>100.00</u>

Total Separator

140.00

Michigamme Mine.

Record of Material in Old Harness Shop and Barn on which there is no valuation placed.

B A R N .

1 Seeder
9 Scythe Swaths
4 Hay Rakes
1 Ox Yoke
3 Potato Hooks
2 Forks
2 Prs. Rubber Blankets
1 Light Neck Yoke
1 Plow Wheel
1 Doz. Scythe Blades
1 Light Double Sleigh
1 Old Cutter
2 Broken Scales
1 Skid Runner
1 Set Harness - Tugs & Breeching
1 Grind Stone
6 Cart Horse Saddles
6 Sweat Pads
1 Sack Clover Seed
1 Root Cutter
2 Cultivators
1 Potato Digger
1 Buck Board
3 Plows
1 Axe
1 Hay Rake
1 Barn Broom
1 Kettle
1 Grapple Hay Fork
3 Sets Cart Harness

B A R N (Continued)

2 Collars
1 Set Jugs
1 Cow Bell
400' Baling Wire
2 Neck Yokes
1 Cutter
1 Plow Point
1 Brown Jug
1 Letter Press in Warehouse
1 Saddlers Bench
1 Wheelbarrow Wheel
5½ Sets Harness
1 Fly Net
5 Bridle Bitts
1 Pole Strap
1 Sweat Pad
1 Tug Springs
1 Knee Pad
1 Doz. Old Fare Extinguishers
1 Cattle Card

Separator Dept.

2 Rolls
1 3½" Shaft 12' Long
2 "V" Friction Pinions
1 Pulley 12 X 32 - 3½" Bore
4 4 X 10 Pillow Blocks
1 16" Pinion 8" Wide
1 Roller Crusher
2 Sturdwant Blowers
1 Hay Baler
2 Pillow Blocks
3 3' Sheaves

Michigamme Mine.

SEPARATOR DEPT. (CONTINUED).

12 Small Boxes
21 Different Size Pulleys
1 Steam Winch Drum Missing
1000# Old Drill Points
Parts of 3 old Dump Carts
2 16" Front Skip Wheels
1 Wench Drum
20' Screen 5/8 mesh.
20' Screen 3/8 mesh.
7 Old Skip Wheels
2 Tram Wheel Axles

C L E V E L A N D I R O N M I N I N G C O .

Recapitulation of Michigamme Mine Inventory,
November 30th, 1900.

	Supplies Proper	Supplies Antiquated	Total Amount
General Supplies	512.70		512.70
Iron & Steel	625.08		625.08
Oil, Grease and Candles	1070.07		1070.07
Machinery Supplies	3318.64		3318.64
Building Material	276.82		276.82
Explosives	422.41		422.41
Mine Timber	99.40		99.40
Fuel	8336.27		8336.27
Barn	50.40		50.40
<u>Total</u>	<u>14711.79</u>		<u>14711.79</u>
Scrap			10.30
<u>MINE EQUIPMENT.</u>			
	Valuation	Deduction	Net Amt.
Power Drills - 20.7%	195.35	40.00	155.35
Cars, Skips & Derricks	43.15		43.15
Portable Machinery - 52+	162.85	85.00	77.85
Separator - 41.7%	240.00	100.00	140.00
Total	<u>639.35</u>	<u>225.00</u>	<u>414.35</u>
<u>GRAND TOTAL</u>			15136.44

35

C L E V E L A N D I R O N M I N I N G C O .

Recapitulation of Michigamme Mine Inventory,
November 30th, 1900.

	Supplies Proper	Supplies Antiquated	Total Amount
General Supplies	512.70		512.70
Iron & Steel	625.08		625.08
Oil, Grease and Candles	1070.07		1070.07
Machinery Supplies	3318.64		3318.64
Building Material	276.82		276.82
Explosives	422.41		422.41
Mine Timber	99.40		99.40
Fuel	8336.27		8336.27
Barn	50.40		50.40
<u>Total</u>	<u>14711.79</u>		<u>14711.79</u>
Scrap			10.30
<u>MINE EQUIPMENT.</u>			
	Valuation	Deduction	Net Amt.
Power Drills - 20.7%	195.35	40.00	155.35
Cars, Skips & Derricks	43.15		43.15
Portable Machinery - 52+%	162.85	85.00	77.85
Separator - 41.7%	240.00	100.00	140.00
Total	<u>639.35</u>	<u>225.00</u>	<u>414.35</u>
<u>GRAND TOTAL</u>			15136.44

35

Michigamme Mine.

GENERAL SUPPLIES (CONTINUED).

	Amount For'd	415.42
1 Winch, Drum & Gear	4.00	
1 Warehouse Truck	2.00	
1 #15 Hancock Inspirator	5.00	
136# D.D. Grate Bars	3.67	
88# Wagon Axles & Boxes	2.38	
2 14" Car Wheels	3.89	
1 C.I. Shaft Coupling	1.62	
18' Galv. Stove Pipe 5"	3.60	
2 Elbows " " "	.50	
6 Pcs. " " "	.60	
1 Lot Dies, Taps, Etc.	10.50	
1 2" Screw for Carpenter's Bench	1.00	
1 4" Pipe Tongs	1.00	
1 3" Flue Blower	1.50	
14 Fish Plates	3.63	
1 1" Gas Pipe Stock	1.50	
1 2" " " "	1.50	
1 1" Pipe Cutter	1.00	
1 2" " "	2.00	
1 3" Gas Pipe Stock & Dies	3.00	
2 Old Tables	1.00	
1 Old Desk	1.50	
1 Old Washing Zinc	1.00	
1 Wheel for Barrow	.25	
4 Winch Gears	6.48	
3 1 Gal. Cans	.10	.30
2 Powder Thawers		2.25
1 2" Double Iron Block		4.00
1 2" Single Iron Block		2.00
1 Hand Sample Pulverizer		.75
100# Plate for Pulverizing		2.70
1 Old Box Stove		1.00
		<hr/>
	Amount For'd	78.12
		493.54

Michigamme Mine.

GENERAL SUPPLIES (CONTINUED).

	Amount For'd		493.54
9 Wood Whiffle Trees	.25	2.25	
1 Small Mortar		1.00	
451# Cast Iron Shaft Brackets		12.16	
5 Iron Rings for Sleighs		.50	
1 Small Water Tank		.50	
1 12" Well Wheel		.50	
1 1" Iron Snatch Block		1.50	
1 3 Prong Fork		.75	19.16

Total General Supplies 512.70

Michigamme Mine.

I R O N & S T E E L .

76	1 X 3/8	Machine Bolts	2.40	1.82	
97	1½ X ½	" "	3.60	3.49	
47	1½ X 5/8	" "	5.20	2.44	
63	2½ X 5/8	" "	5.80	3.65	
12	2 X 3/8	" "	2.52	.30	
12	2½ X 3/4	" "	8.08	.97	
70	3 X 5/8	" "	6.10	4.27	
14	3½ X 3/4	" "	8.96	1.25	
12	3 X ½	" "	4.20	.50	
30	3½ X 5/8	" "	6.40	1.92	
				<hr/>	
				20.61	
		Less 75 & 10%		<hr/>	
				15.97	4.64
60	1½ X 3/8	Carriage Bolts	1.50	.90	
10	2½ X 3/8	" "	1.64	.16	
90	3½ X 3/8	" "	1.92	1.73	
12	2½ X ½	" "	3.00	.36	
54	4 X ½	" "	3.40	1.84	
				<hr/>	
				4.99	
		Less 70 & 10%		<hr/>	
				3.64	1.35
18#	3/8	Sq. Iron	2.45	.44	
88#	½	" "	2.25	1.98	
135#	3/4	" "	1.95	2.63	
117#	5/8	" "	2.05	2.40	
115#	1½	" "	1.85	2.13	
180#	3	" "	2.35	4.23	
				<hr/>	
					13.81
35#	1½	Sq. Steel	1.90	.66	
152#	1¼	" "	1.90	2.89	
100#	1 3/8	Rd. "	1.90	1.90	
300#	3	" " Shafting Old	.03	9.00	14.45
				<hr/>	
250#		Machine Steel	.03½	8.75	8.75
				<hr/>	

Amount For'd

43.00

Michigamme Mine.

IRON & STEEL (CONTINUED).

		Amount For'd		43.00
19#	1/2 Round Iron	2.25	.43	
155#	5/8 " "	2.05	3.18	
194#	3/4 " "	1.95	3.78	
255#	1" " "	1.85	4.72	
70#	1 1/8 " "	1.85	1.30	
440#	1 1/2 " "	1.85	8.14	
700#	1 1/2 " "	1.85	12.95	
40#	3/8 " "	2.45	.98	
56#	7/8 " "	1.95	1.09	
60#	2" " "	2.05	1.23	
1460#	1 1/2 " " from old separator	1.85	27.01	64.81
60#	1 1/2 X 1/4 Iron	2.05	1.23	
325#	1 1/4 X 1/4 "	2.15	6.99	
385#	1 1/2 X 3/4 "	1.85	7.12	
200#	4 X 2 "	2.85	5.70	
80#	3 X 3/4 "	1.85		
460#	2 X 3/4 "	1.85		
35#	2 X 1/2 "	1.85		
160#	2 1/2 X 1/2 "	1.85		
80#	2 1/2 X 1 "	1.85		
30#	2 1/2 X 3/4 "	1.85		
180#	2 X 1 "	1.85		
1025#		18.96		
200#	3 X 1/8 "	2.35	4.70	
600#	5 X 1/2 "	1.95	11.70	
350#	4 X 1 1/4 "	2.25	7.88	
250#	6 X 1 "	1.95	4.88	
200#	3 X 1 "	1.85	3.70	
220#	3 X 1 1/4 "	2.25	4.95	
120#	1 X 1/2 "	2.05	2.46	
130#	1 1/2 X 2 "	2.25	2.93	
75#	1 X 3/8 "	2.05	1.53	
40#	2 X 1/8 "	2.35	.94	
20#	1 1/2 X 1/8 "	2.35	.47	86.14
			150.95	

Amount For'd

193.95

IRON & STEEL (CONTINUED).

			Amount For'd	193.95
2#	3/8"	Oct. Steel	8.25	.17
10#	1/2"	" "	7.75	.78
20#	5/8"	" "	7.25	1.45
30#	3/4"	" "	7.25	2.18
200#	7/8"	" "	7.75	<u>15.50</u> 20.08
300#		Swede Iron	4.50	13.50
10#	1/2"	Hex. Nuts Threaded		
35#	5/8"	" " "		
45#	3/4"	" " "		
20#	7/8"	" " "		
60#	1"	" " "		
35#	1 1/8"	" " "		
<u>25#</u>	1 1/4"	" " "		
230#			.07	16.10
40#	5/8"	Sq. Nuts Threaded		
60#	3/4"	" " "		
25#	7/8"	" " "		
55#	1"	" " "		
160#	1 1/8"	" " "		
170#	1 1/4"	" " "		
<u>155#</u>	1 1/2"	" " "		
665#			.07	46.55
100#	1/2"	Hex. Nuts Blank		
45#	5/8"	" " "		
240#	7/8"	" " "		
30#	1 1/2"	" " "		
<u>415#</u>			.04	16.60
45#	1/2"	Sq. Nuts Blank		
15#	5/8"	" " "		
<u>60#</u>			.04	<u>2.40</u>

Amount For'd

309.18

Michigamme Mine.

IRON & STEEL (CONTINUED).

		Amount For'd	309.18
200#	3½ X 3/8 R.R. Spikes	5.85	
600#	4½ X 7/16 " "	5.85	
4200#	3½ X 7/16 " "	5.85	146.25
90#	6d Nails	3.70	3.33
450#	8d "	3.60	16.20
500#	10d "	3.55	17.75
200#	20d "	3.30	6.60
2800#	60d "	3.50	98.00
			<u>141.88</u>
45#	1¼ X 5/8 Rivets		
35#	1½ X ½ "		
28#	1 3/4 X 5/8 "		
45#	2 X ½ "		
86#	2 X 3/4 "		
40#	2 X 5/8 "		
45#	2½ X ½ "		
12#	2½ X 3/4 "		
40#	2½ X 5/8 "		
60#	3 X 5/8 "		
10#	3 X 3/4 "		
<u>20#</u>	4½ X 3/4 "		
466#		.04½	20.97
25#	3/4" Washers		
35#	5/8" "		
40#	3/4" "		
20#	7/8" "		
<u>50#</u>	1" "		
170#		.04	6.80
			<u>315.90</u>
		Total	315.90

Total Iron & Steel

625.08

Michigamme Mine.

OIL, GREASE and CANDLES.

1182# Axle Grease	.02	23.64
510 Gal. P.W. Kerosene	.12	61.20
127 Gal. W.W. Kerosene	.13	16.51
163 Gal. Red Engine Oil	.14	22.82
152 Gal. Cylinder Oil	.26	39.52
8 Gal. Lard Oil	.56	4.48
25 Gal. Air Cylinder Oil	.26	6.50
99 Gal. Zero Black Oil	.12	11.88
668 Gal. 15° C.S. Black Oil	.11	73.48
80# Badger Grease	.08	6.40
208 Boxes Candles (8736#)	.09	786.24
58 Empty Barrels	.30	<u>17.40</u>

Total Oil, Grease and Candles 1070.07

Michigamme Mine.

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

40'	1/4"	Pipe	.05 1/2	2.20
30'	3/8"	"	.05 1/2	1.65
30'	1/2"	"	.08 1/2	2.55
216'	3/4"	"	.11 1/2	24.84
325'	1"	"	.16 1/2	53.63
32'	1 1/4"	"	.22 1/2	7.20
192'	1 1/2"	"	.27	51.84
367'	2"	"	.36	132.12
90'	2 1/2"	"	.57 1/2	51.75
15'	3"	"	.75 1/2	11.33
180'	4"	"	1.08	194.40
55'	5"	"	1.45	79.75
215'	6"	"	1.88	404.20
12'	8"	"	2.82	33.84

1051.30

Less 67 1/2%

709.63 341.67

28'	1 1/4"	Extra Heavy Pipe	.15	4.20
99 1/2'	1 1/2"	" " "	.19	18.90
66'	2"	" " "	.25	16.50
550'	6"	" " "	1.68	924.00

Net

963.60

6	1"	Elange Unions	.52	3.12
7	1 1/4"	" "	.64	4.48
7	1 1/2"	" "	.78	5.46
5	2"	" "	1.00	5.00
13	2 1/2"	" "	1.25	16.25
2	3"	" "	1.50	3.00
6	4"	" "	2.10	12.60
1	5"	" "	3.15	3.15

53.06

Less 75 & 10%

42.01 11.95

4 1" Return Bends

.22

.88

Less 75 & 10%

.87

.21

Amount For'd

1317.43

MACHINERY SUPPLIES (CONTINUED).

			Amount For'd		1317.43
30	1/4"	Tees	.08	2.40	
26	3/8	"	.08	2.08	
48	1/2	"	.09m	4.32	
13	3/4	"	.12	1.56	
21	1"	"	.15	3.15	
67	1 1/4	"	.23	15.41	
27	1 1/2	"	.29	7.83	
6	2"	"	.41	2.46	
15	2 1/2	"	.73	10.95	
4	3"	"	1.10	4.40	
3	4"	"	1.75	5.25	
2	5"	"	3.00	6.00	
2	6"	"	4.00	8.00	

73.81

Less 75 & 5%

56.28 17.53

14	1/4"	Plugs	.02	.28	
15	1/2"	"	.02	.30	
40	3/4	"	.03	1.20	
2	3/8	"	.02	.04	
69	1"	"	.04	2.76	
87	1 1/4	"	.05	4.35	
32	1 1/2	"	.07	2.24	
4	2"	"	.10	.40	
2	4"	"	.42	.84	
3	5"	"	.88	2.64	
8	6"	"	1.20	9.60	
12	2 1/2"	"	.18	2.16	
1	7"	"	1.85	1.85	

28.66

Less 75 - 10 & 5%

22.53 6.13 23.66

Amount For'd

1341.09

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

				Amount For'd		1341.09
2	1/4"	Caps		.03	.06	
2	3/8	"		.04	.08	
6	1/2"	"		.05	30	
4	3/4	"		.08	.32	
3	1"	"		.12	.36	
5	1 1/2"	"		.24	<u>1.20</u>	
					2.32	
Less 75 & 5%					<u>1.77</u>	.55
23	3/8	X 1/4	Bushings	.03	.69	
9	1/2	X 3/8	"	.04	.36	
3	3/4	X 1/2	"	.05	.15	
9	1"	X 3/4	"	.06	.54	
16	1"	X 1/2	"	.06	.96	
10	1 1/4	X 1"	"	.07	.70	
2	1 1/2	X 1	"	.09	.18	
23	1 1/2	X 1 1/4	"	.09	2.07	
16	2	X 1 1/2	"	.14	2.24	
2	2 1/2	X 2	"	.21	.42	
1	2 1/2	X 1 1/2	"	.21	.21	
1	3	X 2	"	.30	.30	
2	3	X 2 1/2	"	.30	.60	
1	4	X 3	"	.50	.50	
2	5	X 3	"	.93	1.86	
1	5	X 4	"	.93	.93	
1	6	X 4	"	1.25	1.25	
1	7	X 6	"	1.87	<u>1.87</u>	
					15.83	
Less 75 - 10 & 5%					<u>12.44</u>	3.39
						<u>3.94</u>
				Amount For'd		1345.03

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

				Amount For'd		1345.03
29	1/4"	Elbows		.05	1.45	
20	3/8"	"		.05	1.00	
24	1/2"	"		.06	1.44	
15	3/4	"		.08	1.20	
15	1"	"		.11	1.65	
32	1 1/4	"		.16	5.12	
5	1 1/2	"		.20	1.00	
2	2"	"		.28	.56	
10	2 1/2	"		.50	5.00	
7	3"	"		.75	5.25	
4	4"	"		1.20	4.80	
10	5"	"		2.00	20.00	
1	7	"		4.70	4.70	
					<hr/>	
					53.17	
				Less 75 & 5%	<hr/>	
					40.54	12.63
11	3/4	45°	Elbows	.09	.99	
9	1 1/2	"	"	.23	2.07	
3	2	"	"	.32	.96	
1	4	"	"	1.40	1.40	
2	5	"	"	2.50	5.00	
1	6	"	"	3.45	3.45	
					<hr/>	
					13.87	
				Less 75 & 5%	<hr/>	
					10.57	
					<hr/>	
					3.30	15.93
				Total	<hr/>	
					15.93	

Amount For'd

1360.96

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

			Amount For'd		1360.96
4	1/4"	Couplings	.05	.20	
16	3/8"	"	.06	.96	
18	1/2"	"	.07	1.26	
51	3/4"	"	.10	5.10	
25	1 1/4"	"	.17	4.25	
12	1 1/2"	"	.21	2.52	
26	2"	"	.28	7.28	
15	2 1/2"	"	.40	6.00	
25	3"	"	.60	15.00	
40	4"	"	1.00	40.00	
15	5"	"	1.65	24.75	
1	6"	"	2.40	2.40	
1	8"	"	4.25	4.25	

113.97

Less 70 & 5%

81.49 32.48

29	1/4"	Nipples	.05	1.45	
15	3/8"	"	.06	.90	
10	1/2"	"	.07	.70	
16	3/4"	"	.08	1.28	
9	1"	"	.10	.90	
25	1 1/4"	"	.14	3.50	
2	1 1/2"	"	.17	.34	
6	3"	"	.52	3.12	
9	4"	"	.80	7.20	
19	5"	"	1.42	26.98	
4	6"	"	1.77	7.08	
2	7"	"	2.15	4.30	
1	8"	"	2.65	2.65	

60.40

Less 80%

48.32 12.08 44.56

Amount For'd

1405.52

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

		Amount For'd		1405.52
10	1/4" Unions	.18	1.80	
6	3/8" "	.20	1.20	
9	3/4" "	.27	2.43	
19	1/2" "	.22	4.18	
6	1" "	.33	1.98	
5	1 1/4" "	.46	<u>2.30</u>	
			13.89	
	Less 80%		<u>11.11</u>	2.78
4	1/8" Pit Cocks	.30	1.20	
12	1/4" " "	.40	4.80	
1	3/8" " "	.50	.50	
4	1/2" " "	.60	<u>2.40</u>	
			8.90	
	Less 70%		<u>6.23</u>	2.67
16	3/4" Stop Cocks (Brass)	1.70	27.20	
8	1" " " "	2.35	18.80	
5	1 1/2" " " "	4.85	24.25	
1	2" " " "	7.30	<u>7.30</u>	
			77.55	
	Less 75 & 5%		<u>59.13</u>	18.42
1	1/2" Stand Globe Valve	1.00	1.00	
10	3/4" " " "	1.26	12.60	
3	1" " " "	1.80	5.40	
18	1 1/4" " " "	2.52	45.36	
2	1 1/2" " " "	3.50	7.00	
11	2" " " "	5.30	<u>58.30</u>	
			129.66	
	Less 70%		<u>90.76</u>	38.90
				<u>62.77</u>

Amount For'd

1468.29

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

	Amount For'd		1468.29
6 3/4" Angle Valves	1.26	7.56	
9 1" " "	1.80	16.20	
22 1 1/4" " "	2.52	55.44	
17 1 1/2" " "	3.50	59.50	
8 2" " "	5.30	42.40	
		<u>181.10</u>	
Less 70%		<u>126.77</u>	54.33
1 1" Check Valve	1.60	1.60	
2 1 1/2" " "	3.15	6.30	
		<u>7.90</u>	
Less 70%		<u>5.53</u>	2.37
6 1 1/4" Fairbanks Globe Valves	4.00	24.00	
6 1 1/2" " " "	5.50	33.00	
		<u>57.00</u>	
Less 60 & 10%		<u>36.48</u>	20.52
9 1 1/4" Gate Valves	3.50	31.50	
11 1 1/2" " "	5.00	55.00	
5 2 1/2" " "	12.00	60.00	
		<u>146.50</u>	
Less 70 & 10%		<u>106.95</u>	39.55
		<u>116.77</u>	116.77
	Total		116.77

Amount For'd

1585.06

MACHINERY SUPPLIES (CONTINUED).

	Amount For'd	1585.06
8# 3/8" Empire Packing	.28	
12# 1/2" " "	.28	
10# 3/4" " "	.28	
16# 1" " "	.28	
<u>11# 1 1/8</u> " "	.28	
57#	.28	15.96
20# 3/8" Sq. Flax Packing	.45	
12# 5/8" " " "		
13# 1" " " "		
<u>7# 1 1/4</u> " " "		
52#	.45	23.40
25# Rainbow Packing	.50	12.50
4# 1/2" Sq. Pump Packing	.45	
36# 5/8" " " "		
35# 3/4" " " "		
<u>18# 1"</u> " " "		
93#	.45	41.85
235# 1/16" Sheet Rubber Packing	.15	
<u>235# 1/8"</u> " " "		
470#	.15	70.50
2# Garlock Packing	.75	1.50
4# Asbestos Wick Packing	.25	1.00 2.50 166.71
	Total	166.71

Amount For'd

1751.77

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

	Amount For'd		1751.77
7	Hook Bolts	2.80	19.60
12	Feed Screw Nuts	.40	4.80
26	Chuck Keys	.80	20.80
20	Piston Springs	.16	3.20
24	Hose Clamps	.08	1.92
5	Buffers	1.00	5.00
10	Standards	2.20	22.00
4	#3 Cylinders	25.60	102.40
9	#3 Shells	11.60	104.40
4	#3 Rockers	5.20	20.80
5	#3 Feed Screws	6.40	32.00
4	#3 Feed Screw Nuts	.40	1.60
12	#3 Unfinished Air Chest Castings		
		105#	
9	#3 " " " "	144#	2.70
10	#3 " Valve Seats	100#	
		<u>349#</u>	9.42
4	#3 Unfinished Upper Head Castgs.		
		32#	
		2.70	.86
4	#3 Finished Valve Seats	3.80	15.20
5	#3 Unfinished Upper Heads	2.60	13.00
6	#3 Unfinished Shell Slides	2.00	12.00
12	" " Side Rods	.24	2.88
10	" " Chucks	10.40	104.00
1	" " Ratchet Wheel	4.60	4.60
2	" " Feed Nuts	4.20	8.40
2	" " Piston Rings	1.60	3.20
13	" " Slide Valves	2.20	28.60
6	" " Pistons	3.00	18.00
1	" Finished Piston	16.80	16.80
4	" Unfinished Ratchet Bars	5.60	22.40
5	" " Cross Heads	1.60	8.00
2	" " Feed Screw Handles	1.00	2.00
4	" " Buffer Yokes	.48	1.92

Amount For'd

609.80

1751.77

Michigamme Mine.

MACHINERY SUPPLIES (CONTINUED).

	Amount For'd	609.80	1751.77
7 #3¼ Rocker Pins	1.00	7.00	
1 " Tripod Head	2.00	2.00	
7 " Side Rods	.24	1.68	
3 " Chucks	16.00	48.00	
2 " Buffers	1.00	2.00	
1 " Ratchet Wheel	4.80	4.80	
6 " Tripod Hook Bolts	2.80	16.80	
6 " Upper Head Leg Castings	2.60	15.60	
2 " Leg Sleeves	.24	.48	
3 #3¼ Slide Valves	2.20	6.60	
12 " Chuck Bolts & Nuts	.80	9.60	
3 " Tripod Clamp Bolts	.80	2.40	
1 Set Cross Head Brasses for Compressor (Unfinished)			
3 Crossheads	.75	2.25	

PUMP SUPPLIES.

1 Rocker for #7 Knowles		2.00	
1 Casting Piston Ring #7 Knowles		1.35	
1 Bushing #7 Knowles		3.75	
9 Springs #7 Knowles	3.00	2.25	
2 7½ X ½" Valves -Prescott	5#		
16 3" X 5/8" " Rubber	4#		
13 3½ X ½" " "	4½#		
18 3½ X 5/8 " "	7#		
	<u>20½#</u>	.70	<u>14.18</u>
	Total	752.54	

Amount For'd	752.54	1751.77
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MACHINERY SUPPLIES (CONTINUED).

	Amount For'd	752.54	1751.77
CRUSHER PARTS.			
1	Head Face Plate	154.41	
1	Jam Face Plate	192.26	
4	Toggle Strips	131.17	
3	Toggles (Bill not yet rec'd)		
1	Spring - Came with Crusher		
2	Main Bearing Brasses	135.00	
2	Top Pitman Brasses)		
2	Bottom Pitman Brasses)	197.75	
			810.59
22	2" X 1" Sets Screws .06	1.32	
32	2" X 3/4 " " .06	1.92	
5#	Ratchet Steel Spring Wire.10	.50	
			<u>3.74</u>
			1566.87
	Total	1566.87	

Total Machinery Supplies

3318.64

Michigamme Mine.

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

1 Pcs.	12 X 14 - 12	168'	.19½	3.28
1 "	10 X 14 - 16	187'	.19¼	3.65
1 "	12 X 14 - 16	224'	20.00	4.48
2 "	12 X 12 - 12	288'	17.00	4.90
3 "	14 X 14 - 12	588'	25.00	14.70
1 "	12 X 12 - 32	384'	25.00	9.60
10 "	8 X 14 - 16	1493'	.19¼	28.74
4 "	6 X 12 - 16	384'	.18 3/4-	7.20
5 "	10 X 14 - 16	933'	.19¼	17.96
1 "	8 X 16 - 12	128'	.25½	3.26
13 "	4 X 12 - 16	832'	.17 3/4-	14.77
4 "	12 X 12 - 12	576'	17.00	9.81
9 "	3 X 4 - 16	144'	16.00	2.30
1 "	4 X 10 - 22	73'	.20½	1.50
3 "	4 X 10 - 12	120'	.20	2.40
3 "	3 X 10 - 16	120'	16.50	1.98
1 "	4 X 10 - 16	53'	.17 3/4	.94
1 "	8 X 12 - 12	96'	19.00	1.82
1 "	12 X 12 - 16	192'	18.00	3.46
1 "	14 X 14 - 32	523'	25.00	13.08
4 "	12 X 12 - 12	576'	17.00	9.79
9 "	3 X 8 - 12	216'	17.00	3.67
3 "	3 X 10 - 12	90'	.17	1.53
1 "	12 X 14 - 12	168'	.19½	3.28
1 "	10 X 14 - 16	187'	.19¼	3.60
1 "	12 X 14 - 16	224'	20.00	4.48
		<u>8967'</u>		<u>176.18</u>

Amount For'd

176.18

Michigamme Mine.

BUILDING MATERIAL (CONTINUED).

		Amount For'd		176.18
3 Sills 12' Long	36'	.25	9.00	
2 Sills 16' Long	32'		8.00	
1 Sill 18' Long	18'		4.50	
700' 1" Common Pine		16.00	11.20	
1/2 Gal. Linseed Oil		.80	.40	
3 10 X 16 Window Glass		.11	.33	
25 9 X 13 " "		.08	2.00	
10# Putty		.03	.30	
1/2 Bu. Hair		.40	.20	
5 1/2 "M" Shingles		2.25	12.38	
119' Ceiling			2.97	
72' Flooring			2.52	53.80
20 Gal. Red Paint		.50	10.00	10.00
1 12 X 12 - 14	168'	17.00		
15 3 X 10 - 12	<u>450'</u>			
	618'	17.00	10.51	
4 4 X 12 - 16	256'	.17 3/4	4.54	
1 4 X 12 - 18	72'	18.00	1.30	
1 3 X 10 - 12	30'	17.00	.51	
2 4 X 12 - 16	128'	.17 3/4	2.27	
2 12 X 12 - 12	288'	17.00	4.90	
1 4 X 12 - 22	220'	.20 1/2	4.51	
1 2 X 8 - 16	21'	16.00	.34	
1 2 X 14 - 16	37'	16.00	.59	
2 1/2 M. Shingles	2 1/2 M	2.25	5.63	36.84
		Total	100.64	100.64

Total Building Material

276.82

Lake Mine.

BUILDING MATERIAL (CONTINUED).

	Amount For'd	8395.87
1 - 12 X 12 - 28	336'	
1 - 12 X 12 - 34	408'	
2 - 12 X 12 - 35	<u>840'</u>	
Total	22398' @ 5.00	111.99
3000' - 3" Flooring	" 5.00	15.00
Lot of Shafting Pulleys, Conveyor Equipment, etc.		
Stored in Hard Ore Barn		<u>259.04</u> <u>386.03</u>
Total Building Material		2956.84
Total Old Mill Stuff		<u>386.03</u>
		3342.87

Amount For'd 8781.90

Lake Mine.

Amount For'd

8781.90

EXPLOSIVES.

6300 Caps	5.00	31.50	
350 Electric Fuses	30.10	10.54	
8000' Fuse	3.80	30.40	
700# - 50% Powder	.12	84.00	
800# - 40% Powder	.10 $\frac{1}{2}$	84.00	
24# - Battery Wire	.30	7.20	<u>247.64</u>
Total For'd			9029.54

Lake Mine.

Amount For'd

8781.90

EXPLOSIVES.

6300 Caps	5.00	31.50	
350 Electric Fuses	30.10	10.54	
8000' Fuse	3.80	30.40	
700# - 50% Powder	.12	84.00	
800# - 40% Powder	.10 $\frac{1}{2}$	84.00	
24# - Battery Wire	.30	7.20	<u>247.64</u>
Total For'd			9029.54

Lake Mine.

Amount For'd

9029.54

M I N E T I M B E R .

8910' - 6" X 8"	Timber	.02	178.20	
106086' - 8" X 10"	"	.03	3182.58	
59414' - 10" X 12"	"	.04 $\frac{1}{2}$	2673.63	
23914' - 12" X 14"	"	.06 $\frac{1}{4}$	1494.62	
16850' - 14" X 16"	"	.08	1348.00	
4010' - 16" X 18"	"	.09	360.90	
252' - 30"		1.46 $\frac{1}{2}$	369.18	
76460' -	Poles	.80	611.68	
75800' -	7' Lagging	.60	454.80	
683 Cords	5' Lagging	3.25	2219.75	
63 - 18' Ties		.90	56.70	
4546 - 4 $\frac{1}{2}$ ' Ties		.14	636.44	
			<hr/>	
			13586.48	
		Less .042%	564.40	13022.08
			<hr/>	
		Total		22051.62

F U E L .

3772 Tons Black Coal	@	2.998	11204.82	
971 Tons 3/4" Coal	"	3.20	3104.82	14309.64
			<hr/>	
		Total Fuel		36361.26

Lake Mine.

Amount For'd

36361.26

ANTIQUATED SUPPLIES.

GENERAL SUPPLIES.

18 Bushings	Rheostat Frame	.07 $\frac{1}{2}$	1.35		
1 Frame	"		4.25		
8 Insulation	Porcelain	.05	.40		
3 "	Slate	.05	.15		
5# "	Mica	1.25	6.25		
15# "	"	1.25	18.75		
28 Pieces	Contact Plain	.05	1.40		
98 "	" Special	.06	5.88		
4 "	" Knife Block	.50	2.00	40.43	
			Less 90%	36.39	4.04

MACHINERY SUPPLIES.

3 Rotating Bars	"Rusted"	5.00	15.00		
3 Cylinders	"	10.00	30.00		
11 Feed Nuts	"	3.00	33.00		
3 Ratchets		3.00	9.00		
	Total			87.00	
	Less 50%			43.50	43.50
	Total Antiquated				47.54

Grand Total Supplies

36408.80

Lake Mine.

MINE EQUIPMENT.

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			
Charged Off 1897, Recovered 1898			
	Total	<u>2039.94</u>	
	Less 90 % - 1900	<u>1835.95</u>	203.99
	(Less 80% - 1899)		
	Total Power Drills		203.99

Lake Mine.

Mine Equipment (Continued)

CARS, SKIPS and DERRICKS.

2 Cars Covey Side Dump	277.02	
3 Cars Large Wood End Dump	265.50	
9 Cars Motor Bottom Dump	1246.59	
21 " " " "	1933.05	
5 " " " "	514.15	
3 Iron Body Underground		
6 Iron Body Underground Made at Salisbury	243.00	
34 Wood Body	1092.73	
1 1/2 " " Made in 1899	0.00	
6 Cars Timber Trolley Large		
6 Cars Timber Trolley Small		
1 Car Larry Push	6.57	
4 Skips Steel - 3 Ton	472.40	
2 Skips Steel - 1 Ton at Engine House	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 H.O.		
2 Derricks at Hard Ore		
1 8' Bicycle Sheave Chg'd Off		
	<hr/>	
	Total	6428.05
	Less 85 % - 1900	5463.85
	(Less 80% - 1899)	
	Total Cars, Skips and Derricks	964.20

RECORD.

1 Winch Broken
3 Winches Worn Out
3 Cars Last Year Recovered During 1900
1 Car Last Year Recovered During 1900, Sold to Webster
11 Cars on 1899 Inventory, Sold to Webster.

Lake Mine.

Mine Equipment (Continued).

PORTABLE MACHINERY.

1 Double Engine Top Tram	177.12	
2 Double Hoists Ledgerwood 1 at Cliffs Shaft 1 at Salisbury	732.22	
4 Single Hoists Ledgerwood 1 at #3 Shaft 2 at #2 Level	1123.36	
1 Double Hoist L.S. & I. Works on Trestle	118.10	
1 Worm Gear for Dump Sticks	262.04	
1 Duplex Dean Pump 3 Level	243.00	
2 #10 Knowles Pump 2nd Level	649.54	
1 #10 Knowles Pump E. House	177.15	
2 #3 Knowles Pump Lake Bottom	59.04	
1 #5 " " " "	88.00	
1 #6 " " #3 Shaft	118.60	
1 #6½ " " "	132.84	
3 #7 " " Lake Bottom	346.89	
1 #7 " " P.I. Co.	162.41	
1 #7 " " 3rd Level	162.41	
1 #8 " " "	99.63	
1 #10 " " Lake Bottom	177.15	
1 #7 Cameron " Lake Bottom	162.41	
1 #6 Blake Special Coud L.B. Belongs to Howell Pump		
1 6½ Electric Timber Hoist	667.99	
1 6½ H.P. Electric Timber Hoist	631.46	
1 Double Hoist Belongs to Cliffs Shaft Surface		
	<hr/>	
	Total	6291.36
	Less 80 % - 1900	5033.09
	(Less 75% - 1899)	<hr/> 1258.27
	Total Portable Machinery	1258.27

LAKE MINE/

Mine Equipment(Continued).

B A R N .

CARTS, WAGONS and SLEIGHS.

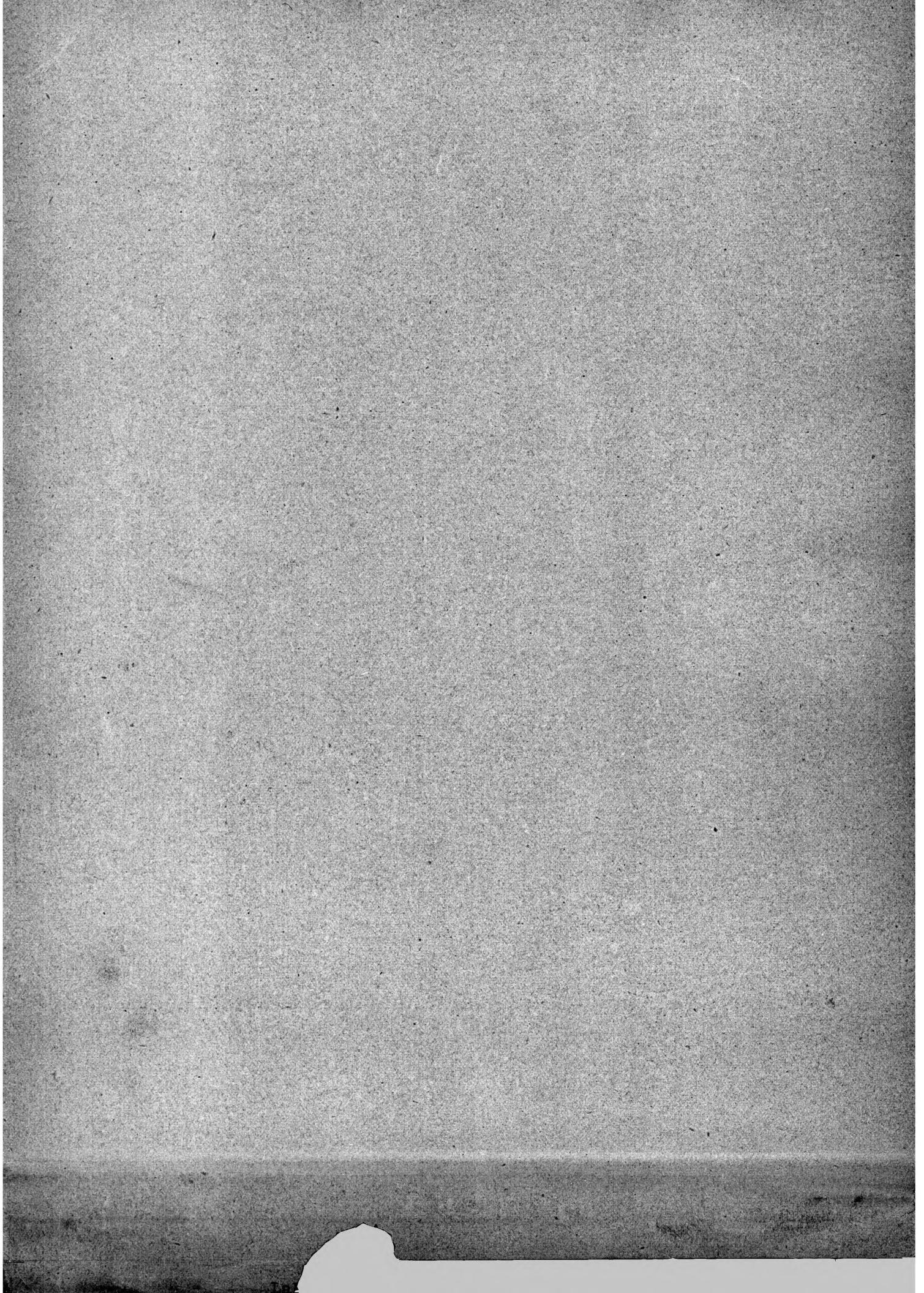
1 Bay Horse	Don	60.75	
1 Single Open Buggy		20.25	
1 Single Cutter		<u>9.57</u>	
	Total	90.57	
	Less 10 % (Same as 1899)	<u>9.06</u>	81.51
	Total Barn Acct.		<u>81.51</u>

CLEVELAND IRON MINING CO.

Recapitulation of Lake Mine Inventory, Nov. 30th, 1900.

	Supplies Proper	Supplies Antiquated	Total Amount
General Supplies	2877.30	4.04	2881.34
Iron & Steel	1706.40		1706.40
Oil, Grease & Candles	191.06		191.06
Machinery Supplies	664.27	43.50	707.77
Building Material	3342.87		3342.87
Explosives	247.64		247.64
Mine Timber	13022.08		13022.08
Fuel	14309.64		14309.64
Total	36361.26	47.54	36408.80
 <u>MINE EQUIPMENT.</u>			
	Valuation	Deduction	Net Amt.
Power Drills - 90%	2039.94	1835.95	203.99
Cars, Skips & Derricks - 85%	6428.05	5463.85	964.20
Portable Machinery - 80%	6291.36	5033.09	1258.27
Barn - 10%	90.57	9.06	81.51
Total	14849.92	12341.95	2507.97
<u>GRAND TOTAL</u>			38916.77

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Michigamme Mine.

B U I L D I N G S .

- 1 Crusher Bldg. 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 Coal Pocket to Boiler House
- 1 Trestle from Crusher to Stock Pile Ground
- 1 Coal Pocket West of Crusher Bldg.
- 1 Smoke Stack - 60' High 60" Diameter

P L A N T .

B O I L E R & E N G I N E H O U S E .

- 1 Berryman Feed Water Heater 8½' X 32"
- 1 1½" 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
- 109D' 1 1/8" Wire Rope From #6 Shaft
- 1695' 1 1/8" Wire Rope At Coal Pocket

C R U S H E R .

- 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.

P U M P S .

- 1 #2½ Blake(In Warehouse)
- 1 #7 Knowles(10th Level #4 Shaft)
- 1 Prescott Duplex Sinker 14 - 8-12 7th Level #4 Shaft from Hard Ore.
- 1 " " " 6 -3½- 6 - 15th Level #4 Shaft
- 1 " " " 6 - 4- 6 - 11th Level #6 Shaft
- 1 #7 Knowles - In Warehouse
- 1 #10 Knowles from Cliffs Shaft
- 1 Worthington Duplex - Water Supply from Cliffs Shaft
- 1 Prescott Duplex Sinker - 14 - 8 - 12 - Pump House - From Hard Ore

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

- 1 Hose Cart
- 500' 2" Hose
- 2 Nozzles
- 100' Cotton Hose(In Crusher Building)

M A C H I N E S H O P .

- 1 J.B. Doane Lathe
- 520' Belting
- 1 Double Emery Wheel
- 1 Machinist's Bench Vise
- 1 Combined Pipe & Bench Vise
- 1 Universal Chuck foe Drill Press
- 1 Curtis & Curtis Pipe Cutter 1" to 6"

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

- 14 #3½ Rand Drills
- 3 #3 Rand Drills
- 12 1 3/4 Ton Wooden Tram Cars
- 700' Drill Air Hose
- 3 Tons Drill Steel
- 3 2 - Ton Skips
- 1 Puffer - 8" X 10" Cylinder 14" Drum - From Tilden
- 200' 5/8" Steel Cable
- 1 Single Geared Winch - From Hard Ore
- 1 Double " " " " "

Michigamme Mine.

G E N E R A L S U P P L I E S .

16 Short Hammer Handles	.90	1.20	
7 Long Hammer Handles	.90	.53	
4 Pick Handles	1.10	.37	
16 Sledge Handles	1.20	1.60	
10 Shovel Handles	1.25	1.04	
6 Ax Handles	1.25	.63	
14 Double Dick Handles	1.10	1.28	
11 Mining Shovels	8.50	7.79	
1 Sq. Point Shovel		.90	
2 Mining Picks	8.50	1.42	
26 Pcs. Blue Chalk	.10	.22	
20 Pcs. White Chalk	.10	.16	
2 Galv. Quart Oilers	3.00	.50	
2 Tin Gal. measures	.25	.50	
3 Galv. Gal. Dippers	.15	.45	
10 Balls Lamp Wicking	.05	.50	
5# Borax	.12½	.63	
4 Hand Saw Handles	.90	.30	
7 Brass Padlocks	5.50	3.21	
9 7# Striking Hammers	.63	5.67	
1 Funnel		.05	
4 14" Monkey Wrenches	1.20	4.80	
1 18" Monkey Wrench		2.00	
3 16# Sledges .48	.09	4.32	
1 Squirt Can		.25	
4 Old Oil Cans	.10	.10	
3 Street Lamp Chimneys	.40	1.20	
18 Lantern Globes	.75	1.13	
28 Rochester Lamp Chimneys	.15	4.20	
2 Table Lamp Chimneys	.10	.20	
4 2 Gal. Oil Cans	.35	1.40	
2 1 Gal. Oil Cans	.25	.50	49.35

Amount For'd

49.35

Michigamme Mine.

GENERAL SUPPLIES (CONTINUED).

	Amount For'd		49.35
2 Lanterns	.50	1.00	
4 7# Spanners	.25	1.00	
12 Sheets Sand Paper	.10	.10	
2 8" Rat Tail Files	.12	.24	
5 10" " " "	.15	.75	
4 12" " " "	.20	.80	
1 14" " " "	.27	.27	
1 8" Sq. File	.15	.15	
1 14" " "	.30	.30	
1 14" Flat Bar File	.29	.29	
1 14" Half Round File	.30	.30	
25# Waste	.05	1.25	
42 Tons Blossburg Coal	4.90	205.80	
80# Babbitt	.40	32.00	
46# Lead	.07	3.22	
35# Antimony	.15	5.25	
50# White Lead	.07	3.50	
15 Lamp Chimneys - Assorted	.10	1.50	
7 Large Lamp Chimneys	.15	1.05	
1 Red Lantern Globe		.15	
88# Barbed Wire	.02½	1.98	
3 Brooms	.35	1.05	
6 Small Time Books	.20	1.20	
2 Blasting Batteries	25.75	51.50	
2 19 X 24 Glass	.36	.72	
3 18" Circular Glasses	.26	.78	
(1 Safe)			
()			
(1 Letter Press) Old Office			
()			
(1 Book Rest)			
		<hr/>	49.42

Total 415.42

Amount For'd 415.42

Hard Ore Mine.

MINE EQUIPMENT (CONTINUED)

BARN - CARTS, WAGONS AND SLEIGHS.

1 Small Chore Wagon	Lake	23.62	
5 Double Dump Wagons- 1 lake, 4 at Hard Ore		59.05	
5 Double Road Wagons - 1 Lake 4 at Hard Ore		132.86	
1 Double Truck, Small	Hard Ore	35.44	
1 Double Truck, Large	Hard Ore	44.39	
1 Buggy (Engineer's)		28.08	
1 Phaeton (Agent)		29.52	
1 Wagon Jack	Hard Ore	.60	
3 Wagon Boxes 1 at Lake, 2 at Hard Ore		35.44	
1 Wagon Reach	Hard Ore	1.77	
1 Single Chore Sleigh	Hard Ore	14.77	
4 Double Road Sleighs 2 - Lake, 2 -H. Ore		70.86	
1 Double Road Sleigh	Cl. Shaft	23.62	
1 Double Road Sleigh	Hard Ore	42.03	
5 Double Dump Sleighs 3 - Lake, 2 - Salisbury		14.77	
1 Cutter	Master Mechanic	14.77	
1 Small Hand Sleigh	Hard Ore	1.18	
1 Hay Rack	Hard Ore	6.48	
2 Sets Whiffle Trees 1 - Lake, 1 - H. Ore		5.00	
2 Neck Yokes	Hard Ore	2.95	
1 Coal Braze Box	Hard Ore	8.10	
	Total	595.30	
	Less 80 % (Same as 1899)	476.24	119.06
	For'd		119.06

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Hard Ore Mine.

MINE EQUIPMENT (CONTINUED).

BARN - CARTS, WAGONS and SLEIGHS.

	Amount For'd		119.06
1 Double Road Wagon	Hard Ore	6.48	
1 Small Truck	Lake	8.10	
2 Wood Racks 1 - Lake, 1 - Hard Ore		2.43	
1 Set Whiffle Trees	Lake	1.22	
1 Neck Yoke	Lake	.40	
Proportion Extension Top Double Carriage		167.88	
2 Surcingles $\frac{1}{2}$ Cost		1.00	
2 Blankets " "		4.00	
1 Two Seated Sleigh $\frac{1}{2}$ Cost		90.88	
1 Top Buggy " " Agent		77.02	
1 Set Double Harness" "		30.00	
Freight on Bobbs		<u>3.10</u>	
	Total	392.51	
Less 50 % (Same as 1899)		<u>196.25</u>	<u>196.26</u>
Barn Acct. Forwarded			315.32

B A R N - H O R S E S .

Barn Acct. (Continued).

Amount For'd 315.32

HORSES.

George	Black	at	Cl. Shaft	88.58	
Rock	Sorrel	"	Lake	73.81	
George	Black		Agent's	103.33	
Mack	Bay (1/2)	250.00	"	125.00	
Don	Bay	" 250.00	"	125.00	

Freight on Driving Team 21.00

Total 536.72

Less 60 % (Same as 1899) 322.03 214.69

Doll	Black	at	Hard Ore	150.00	
Kit	"	"	Hard Ore	150.00	
Mack	Bay		Agent's	150.00	
Larry	Bay		M. Mechanic's	<u>130.00</u>	

Total 580.00

Less 30 % - 1900 174.00 406.00

(Less 25 % -1899)

Babe	Sorrel	at	Cl. Shaft	162.50	
Lillie	"	"	Cl. Shaft	162.50	
Maud	Brown		Engineer's	<u>80.00</u>	

Total 405.00

Less 20 % - 1900 81.00 324.00

(Bot. in 1900)

Total Barn Acct. 1260.01

Recapitulation of Hard Ore Inventory,
November 30th, 1900.

	Supplies Proper	Supplies Antiquated	Total Amount
General Supplies	1216.73	49.34	1266.07
Iron & Steel	2010.76		2010.76
Oil, Grease and Candles	1785.93		1785.93
Machinery Supplies	5602.94	328.90	5931.84
Building Material	902.68		902.68
Explosives	242.54		242.54
Fuel	4539.89		4539.89
Mine Timber	130.52		130.52
Barn	390.63	6.90	397.53
Total	16822.62	385.14	17207.76
Scrap			240.96
<u>MINE EQUIPMENT.</u>			
	Valuation	Deduction	Net Amt.
Diamond Drills - 90%	3202.89	2882.61	
- 11%	7548.80	852.20	7016.88
Power Drills - 100%			
Cars, Skips & Derricks - 89.8%	828.68	744.46	84.22
Portable Machinery - 85%	3188.69	2710.39	
- 10%	908.28	90.83	
- 30.6%	2850.04	872.05	3273.74
Barn - 80%	595.30	476.24	
- 50%	392.51	196.25	
- 60%	536.72	322.03	
- 30%	580.00	174.00	
- 20%	405.00	81.00	1260.01
Total	21036.91	9402.06	11634.85
<u>GRAND TOTAL</u>			<u>29083.57</u>

CLEVELAND IRON MINING CO.

Lake Mine Inventory, November 30th, 1900.

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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 ("
(In Shaft House)	"
1 Pipeman " ("
1 600' Portable Trestle East Side	"

Lake Mine.

P L A N T .

Engine House.

- 1 Bullock Compound Condensing Engine, &
- 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 & Pully with Main Wires)
Through the Mine, 1" & 2" Levels)
- 5 Motors #1 - 30 H.P., #2 - 60 H.P., #3)
45 H.P., #4 - 45 H.P., #4 -45 H.P. #5)
50 H.P.)
- 1 6 X 3 3/8 X 6 Duplex "Worthington"
- 2 Dumps for Timber Hoists (Not in Use)
- 2 12' Sheaves Timber Hoist
- 1 Special #17 Portable Hoist, Bought of)
Webster Camp & Lake Machine Co., Feby.)1899
- 4 6' Boilers with Jones Stoker System
- 1 6' Boiler
- 1 10 X 6 X 10 Duplex Prescott Feed Pump

Lake Mine.

GENERAL SUPPLIES.

10 Axes	.63	6.30
2 Adz	1.25	2.50
2 Blocks Single Iron	1.00	2.00
2 Blocks 8" Snatch	3.50	7.00 7.00
1 Brace		.90
3 Bath Bricks	.10	.30
6 Burners, Street Lamps	.32	1.92
5 Cans, 2 Gals. Spout	.38	1.90
4 Cans, 1 Qt. Galvanized Pr. Doz.	3.00	1.00
1 Can, 1 Qt. Steel Oiler		.70
1358# Chain, Assorted Sizes	.01	13.58
2 Chimneys, #2	.10	.20
18 Cloth, Emery	.03	.54
25 -1420/2000# Coal, Blossburg	4.10	105.41
5 Pkgs. Compound, Washing	.05	.25
6 Pkgs. " "	.10	.60
12 - 8" Files	.10	1.20
24 - 10" Files	.13	3.12
3 Globes, Street Lamps	.41	1.23
12 Globes, Lantren Tub.	.07	.84
6 Globes, Lantern R.R.	.06	.36
2 Hammers, Striking	1.00	2.00
7 Handles, Adz	.11	.77
17 Handles, Ax	.11	1.87
50 Handles, Poll Pick	.10	5.00
51 Handles, Striking Hammer	.10	5.10
2 Prs. Handles, Cross Cut Saw	.15	.30
1 Heater, Powder		5.50
3 Lanterns	.55	1.65
5# Polish, Hoffman's	.20	1.00
16 Pumps, Sand	.50	8.00
151# Rope, 3/4" Manilla	.11	16.61
300' Rope, 5/8" Steel	.09	27.00
	Total	<u>226.65</u>

Lake Mine.

Amount For'd

226.65

GENERAL SUPPLIES (CONTINUED). 766.65

2600' Rope, 1½ Langley Steel	.09	699.66
30# Sal Ammoniac	.10	3.00
17 Saws, Hand	.84	14.28
9 Shovels Sq. Point	.70	6.39
9 Shovels, R.P.	.71	6.39
4 Shovels, Coal	.75	3.00
10 Bars Soap, Ivory	.10	1.00
30# Soap, Ammonia	.06	1.80
187# Waste, White	.07	13.09
217# Waste, Colored	.05	10.85
4½# Wicking, Asbestos	.10	.45
6# Wicks	.02	.12
24# Wicks Pr. Doz.	.10	.20
12 Wicks	.12	.12
12 Wrenches, 12" Monkey	.50	6.00
1 Wrench, 15" "		.75
2 Wrenches, 8" "	.50	1.00
2 Wrenches, 6" "	.35	.70

ELECTRIC RAILWAY SUPPLIES.

10 Arms, Contact	1.00	10.00
2 Arms, "	1.25	2.50
2 Arresters, Spark	2.50	5.00
1 Ammeter		90.00
2 Bases, Trolley	6.00	12.00
2 Blocks, Fuse	.50	1.00
3 Blocks, Fuse	.30	.90
2 Blocks, Insulatory	1.10	2.20
94 Boddies, Form B.	.15	14.10
4 Bolts, Rivers Switch	.02	.08
1 Box, Journal		5.75
6 Brick, Resistance	.50	3.00
Total		915.33
		<u>1141.98</u>

ELECTRIC RAILWAY SUPPLIES (CONTINUED)

4 Brushes, Dynamo	.08	.32
52 Brushes, #1 Motor	.04	2.08
84 Brushes, #2 Motor	.03	2.52
23 Brushes, #4 Motor	.10	2.30
22 Brushes, #3 Motor	.10	2.20
6 Brushes, #4 & 5 (Pigtail)	.15	.90
18 Brushes, Reverse Switch	.15	2.70
2 Sets Bushings, Armature #1	10.50	21.00
2 Sets Bushings, Armature #2	12.50	25.00
2 Sets Bushings, Armatures #3 & 4	8.65	17.30
1 Set Bushings, Armatures #5 & 6		4.50
38 Caps, Form B.	.15	5.70
2 Sets Connections, Cross	6.00	12.00
4 Sets Connections, Cross Flexible	4.70	18.80
51 Cones, Form B.	.10	5.10
35 Cups, Porous	.18	6.30
124 Fingers, Brush (J)	.35	8.40
100 Fingers, Phosphor Bronze	.07 $\frac{1}{2}$	7.50
23 Fingers, Brush Holder	.05	1.15
84 Fingers, Controller	.20	16.80
17 Forks, Trolley	2.41	40.97
7 Frogs, Overhead	2.00	14.00
8 Guides, Brush Holder	.15	1.20
1 Gauge, B. & S. Wire		1.50
2 Gears, G.L.M. - 30	12.50	25.00
2 Gears, W.W.P. - 6	12.50	25.00
26 Hammers, Brush Holder #1	.28	7.28
43 Hammers, Brush Holder #2	.28	2.04
26 Hammers, Brush Holder(J)	.25	6.50
Total		286.06
		<u>286.06</u>
		1428.04

ELECTRIC RAILWAY SUPPLIES (CONTINUED).

1 Handle, Controller		3.75	
1 Handle, Reverse		2.00	
12 Heads, Pale	3.78		45.36
21 Holders, Shade	.06		1.26
1 Holder, Brush - G.L.M. - 30			12.50
3 Holders, Brush, N.W.P. - 6	8.10		24.30
3 Holders, Brush (J)	2.35		7.05
15 Jars, Le Clanche	.08		1.20
8 Lamps, 16 C.P.	.26		2.08
40 Lamps, 50 C.P.	.75		30.00
1 Set Linings, G.L.M. Axle			33.50
1 Set Linings, N.W.P. Axle			28.00
1 Set Linings, L.W.P. Axle			7.00
1 Set Linings, G.L.M. Internal			40.00
1 Set Linings (J)			5.80
1 Pinion, G.L.M. - 30			20.00
1 Pinion, G.L.M. - 30			15.00
2 Pinions G.L.M. - 30	12.50		25.00
1 Pinion, N.W.P. - 6			4.25
5 Pinions #3 J.	2.60		13.00
1 Pinion, #4 J.	3.00		3.00
15 Pinions, Trolley Wheel	.25		3.75
2 Pins, Pirot	.10		.20
6 Plates, Anchor	.15		.90
1 Ring, Micanite			2.25
1 Bottle Salts			.50
68 Screws, Cap	.02		1.36
47 Screws, Controller	.01½		.71
	Total	333.72	<u>333.72</u>
	Amount For'd		<u>1771.76</u>

Lake Mine.

Amount For'd

1771.76

S U P P L I E S (CONTINUED).

56 Segments, Long	.17½	9.80
38 Segments, Short	.12	7.56
11 Sockets, Key	.25	2.75
16 Sockets, Mica	.18	2.88
1 Socket, Trolley Base (J)		2.00
7 Shades, Porcelain	.18	1.26
2 Shoes, Single Contact	3.50	7.00
1 Shoe, Double Contact		12.50
36 Shoes, Brush (J)	.15	5.40
25 Shoes & Springs, Reverse (J)	.25	6.25
1 Spring, Double Contact		.63
54 Springs, Single Contact	.07½	4.05
51 Springs, B.H. Contact	.06	3.06
22 Springs, B.H. Contact (J)	.15	3.30
34 Springs, Contact Brush	.15	5.10
4 Springs, Frame (J)	2.00	8.00
2 Springs, Trolley	4.00	8.00
34 Springs, G.L.M. B.H.	.06	2.04
36 Springs, N.W.P. - 6 B.H.	.06	2.16
1 Spring, Driving		6.50
12 Springs, L.W.P. B.H.	.07½	.90
11 Springs, Controller	.05	.55
21 Springs, Brush Shoe (J)	.02	.42
4 Springs, L.W.P. Frame	1.25	5.00
87 Sheaves, Splicing	.50	43.50
4 Switches, Ampere	1.10	4.40
		<hr/>
		152.01
		152.01
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Total		1923.77

Lake Mine.

Amount For'd

1923.77

S U P P L I E S (CONTINUED).

20# Tape, Manson	.55	11.00	
1# Tape, B. & P.		.45	
5# Troughs, Micanite	1.88	9.40	
124 Troughs, Mica & Paper	.15	18.60	
15 Washers, Febre	.05	.75	
350# Wire, $\frac{1}{2}$ Bare Tinned	.15	52.50	
360# Wire, Lead Covered	.15	54.00	
207# Wire, Cloth Covered	.14	28.98	
58 Zincs, Battery	.03	1.74	
100 Sleeves, Splice		2.08	
5 Yds. Canvas		.70	
2 Gals. Alcohol	1.40	2.80	
8500' Steel Rope, S. Co. $\frac{5}{8}$ X 19	.0906	770.53	953.53
	Total General Supplies		2877.30

S U P P L I E S .

IRON & STEEL.

7323# Iron, Merchant Bar		146.46	
100# Iron, Swede	.04½	4.50	
600# Iron, (For West Trestle)		12.00	
211# Steel, 1¼" Square Pick	.07¼	15.30	
60# Steel, Hammer	.07	4.20	
201# Steel, Drill	.07	14.07	
1132# Steel, 24 X 55 X ¼" Plates	.03½	39.62	
212# Steel, 1 - Plate	.02½	5.30	
739# Rivets	.04½	33.25	
7-848/2240 - 16# Rail	34.25	252.72	
7-1270/2240 - 30# Rail			
7-820/2240 - 60# Rail 1889	148.93		
Less 1/3 - 2/3		99.29	
23 -80/2240 - 40# Rail	33.75	777.46	
15 - 1560/2240 - 60#	10.00	156.96	
3 Prs. Smith Points, 40#	10.00	30.00	
208# Nuts (West Trestle)	.07	14.56	
30# 8d Nails	.04	1.20	
28# 20d Nails	.03½	.98	
200# 30d Nails	3.60	7.20	
1170# 60d Nails	3.01	35.22	
1000# 3½ X 7/16 R.R. Spikes	4.25	21.25	
56 Carriage Bolts 1 X ½	1.35	.76	
198 Carriage Bolts 1½ X ½	1.35	2.67	
12 Carriage Bolts 2 X ½	1.45	.17	
110 Carriage Bolts 2½ X ½	1.65	1.82	
150 Carriage Bolts 5 X ½	1.11	1.67	
127 Carriage Bolts 6 X ½	1.32	1.68	
57 Machine Bolts 1 X ½	1.44	.83	
36 Machine Bolts 1½ X ½	1.50	.54	
	Total	1681.68	2877.30
	Total		

Lake Mine.

S U P P L I E S (CONTINUED).

Amount For'd 1681.68 2877.30

IRON & STEEL.

68 Machine Bolts 2 X $\frac{1}{2}$	1.50	1.02	
49 Machine Bolts 3 X $\frac{1}{2}$	1.60	.78	
57 Machine Bolts $3\frac{1}{2}$ X $\frac{1}{2}$	1.65	.94	
200 Coach Screws 2 X $\frac{3}{8}$.67	1.34	
48 Prs. Splice Bars 40# Rail	.43	20.64	1706.40

Total Iron & Steel 1706.40

Amount For'd 4583.70

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Lake Mine.

Amount For'd

4583.70

OIL, GREASE and CANDLES.

100 Gals. Black Oil	.12½	12.50	
112 Gals. Cylinder Oil	.26	29.12	
33 Gals. Red Oil	.14	4.62	
30 Gals Kerocine	.12	3.60	
30# #6 Greese	.08	2.40	
1512# Candles	.09	136.08	
4 Gals. Lard Oil	.56	2.24	
25# Axle Greese	.02	.50	
	Total		<u>191.06</u>
			4774.76

Amount For'd

4774.76

Lake Mine.

Amount For'd

4774.76

MACHINERY SUPPLIES .

8 Bolts, Cylinder	.35	2.80
10 Bolts, Chuck	.80	8.00
49 Bolts, Clamp	.50	24.50
6 Boxes, Ratchet	4.75	28.50
1 Cover, Stuffing Box		1.50
5 Castings, Rear Leg	1.25	6.25
3 Chests, Steam	5.25	15.75
11 Clamps, Rocker Pin	.25	2.75
2 Handles, Feed Screw	.75	1.50
1 Head, Lower		3.00
20 Keys, Chuck	.35	7.00
23 Legs, Extension	.75	17.25
5 Prs. Parvls	2.25	11.25
1 Rod, Chuck with Piston		24.00
10 Plugs		1.00
8 Pins, Rocker	.40	3.20
2 Rockers	2.75	5.50
2 Sets Rings, Piston Packing	2.50	5.00
23 Standards	1.25	28.75
10 Screws, Set	.06	.60
3 Studs	.35	1.05
12 Studs, Panel	.35	4.20
11 Studs, Rocker Pin	.25	2.75
19 Sides, Tripod	1.25	23.75
5 Seats, Slide Valve	2.75	13.75
5 Valves, Slide	1.00	5.00
9 Washers, Panel Stud	.10	.90
10 Wrenches, Chuck	1.00	10.00
1 Yoke, Buffer		.40
24 Glasses, Water Guage		1.92
	Total	261.82
		4774.76