AGENT'S ANNUAL REPORTS AND

STATISTICS

YEAR 1901.

#2068

ANNUAL REPORTS AND STATISTICS

DEPARTMENT OPERATIONS

YEAR ENDING NOV. 30, 1 9 0 1

I N D E X

- 1901 -

INVENTORY

-:-:-:-:-:-:-

THE CLEVELAND CLIFFS IRON COMPANY

PIONEER FURNACE

GLADSTONE MICHIGAN

- TRIAL BALANCE OF ACCOUNTS -

-:-

FURNACE SUPPLIES	11060.41
CHEMICAL SUPPLIES	4057.33
LABORATORY SUPPLIES	119.85
RETORT SUPPLIES	23263.88
MATHEWS BARN SUPPLIES	502.65
PARSONS RY. SUPPLIES	318.40
Total Supplies.....	$ 39322.52
CARTS, WAGONS AND HORSES	1201.45
CHARCOAL CARS	5382.71
CHARCOAL BUGGIES	212.10
CHARCOAL TRAM CARS	7.72
LAUNCH	285.58
SCALES	942.01
MACHINE SHOP MACHINERY	1834.75
BROWN PYROMETER	34.10
TESTING MACHINE	287.92
BLACKSMITH SHOP MACHINERY	290.58
OFFICE FURNITURE AND FIXTURES	383.20
ORE BUGGIES	145.17
KILN BARROWS	35.59
LOCOMOTIVE	2162.59
PIG IRON LOADERS	147.33
PIG IRON TRACKS	827.71
FURNACE SCOW	5.80
LABORATORY	224.37
TOTAL FURNACE EQUIPMENT	$ 14410.68
MATHEWS BARN EQUIPMENT	2627.54
GRAND TOTAL SUPPLIES	$ 56360.74

CHEMICAL PLANTS # 1 & 2 FIRE PROTECTION	40
BUILDINGS & CONTENTS	41, 42, & 43

I N D E X

SUPPLIES 1 TO 20 INCLUSIVE

EQUIPMENT 21 TO 35 INCLUSIVE

TOOLS IN GENERAL USE 36 TO 40 INCLUSIVE

INDEX TO FURNACE SUPPLIES

-:-:-:-:-:-:-:-:-:-:-:-:-:-:-:-:-:-:-

ALUMINUM, SULPHATE 12
ASBESTOS, BOARD 12
ASBESTOS FIBRE 12

BENDS, RETURN 3
BELL & HOPPER 16
BOLTS 7
" , MACH. 8
" , CARRIAGE 8
" , TRACK 9
BUSHING 6
BUSHING, BRASS 6
BORAX 13
BRICK, RED 12
BRICK, FIRE 12
BRASS 1
BROOMS, WHISK 13
" , DECK 14
" , R. R. 14
BRUSHES 13, 13, 15

CANS 12
CAPS 4
CARBONS 15
CASTINGS, BRAKE SHOE 10
" , BRASS 12
" , GRATE 10
" , FOR ORE BUGGIE 14
CEMENT 12
CLAMPS, HOSE 15
CLAY, FIRE 12
" , CASTING NOTCH 16
COAL 16
COCKS, WATER 7
" , AIR 7
" , STOP 7
" , GUAGE 7
COPPER, SHEET 2
CONDENSER 16
CORD, SASH 15
" , OKONITE DROP 15
COUPLING 5
" , BRASS 5
" , HOSE 7
CROSSES 3 & 6
CUPS, GREASE 7
CONCAVES, FOR CRUSHER 10

DISCS 7
DOOR, RETORT 16
DRILLS, TWIST 11 & 12

ELBOWS, COPPER 7
" , BRASS 6
" 3
" , FLANGED 3
ELLS, RED. 3
EMORY 12

1226.94

INDEX TO FURNACE SUPPLIES CONTINUED

INDEX TO FURNACE SUPPLIES CONTINUED

INDEX TO FURNACE SUPPLIES CONTINUED

FURNACE SUPPLIES

39#	1/4 X 1	IRON	@	2.05	PER C	.80
238#	1/4 X 1 1/2	"	@	2.05	" "	4.88
242#	1/4 X 2	"	@	2.00	" "	4.84
693#	3/8 X 1	"	@	1.95	" "	13.51
332#	3/8 X 1 1/2	"	@	2.00	" "	6.64
262#	3/8 X 2	"	@	2.05	" "	5.37
1982#	3/8 X 2 1/2	"	@	2.10	" "	41.62
145#	1/2 SQ.	"	@	2.00	" "	2.90
1195#	1/2 X 1	"	@	1.90	" "	22.71
462#	1/2 X 1 1/2	"	@	1.95	" "	9.01
1420#	1/2 X 2	"	@	1.90	" "	26.98
875#	1/2 X 2 1/2	"	@	1.95	" "	17.06
1546#	1/2 X 3	"	@	1.90	" "	29.37
96#	1/2 X 4	"	@	2.00	" "	1.92
335#	5/8 SQ.	"	@	2.00	" "	6.70
1160#	5/8 X 1	"	@	1.90	" "	22.04
2005#	5/8 X 1 1/4	"	@	1.90	" "	38.10
629#	5/8 X 1 1/2	"	@	1.90	" "	11.05
3321#	5/8 X 2	"	@	2.00	" "	66.42
1395#	5/8 X 2 1/2	"	@	2.00	" "	27.90
280#	3/4 SQ.	"	@	2.00	" "	5.60
126#	3/4 X 2	"	@	1.90	" "	2.40
505#	3/4 X 3	"	@	1.95	" "	9.85
148#	3/4 X 4	"	@	1.95	" "	2.89
330#	3/4 X 4 1/2	"	@	2.10	" "	6.93
121#	3/4 X 6	"	@	2.00	" "	2.42
1506#	1" SQ.	"	@	2.00	" "	30.12
3562#	1 1/4 SQ.	"	@	2.10	" "	74.80
261#	1 1/2 SQ.	"	@	2.25	"	5.87
1276#	2" SQ.	"	@	2.25	" "	28.71
2125#	2 1/2 SQ.	"	@	2.00	" "	42.50
504#	2 X 4	"	@	2.25	" "	11.34
750#	1/4 ROUND	"	@	2.00	" "	15.00
1950#	1/2 "	"	@	2.05	" "	39.97
547#	5/8 "	"	@	2.00	" "	10.94
852#	3/4 "	"	@	2.00	" "	17.04
465#	7/8 "	"	@	2.00	" "	9.30
2026#	1" "	"	@	2.30	" "	46.60
2000#	1 1/8 "	"	@	1.85	" "	37.00
1869#	1 1/4 "	"	@	1.90	" "	35.51
1305#	1 1/2 "	"	@	1.95	" "	25.44
462#	7/16 X2 1/2 RD.	"	@	2.00	" "	9.24
202#	STRUCTURAL	"	@	.02	" #	4.04
923#	2" BAND	"	@	1.90	" C	17.54
1616#	3" "	"	@	2.15	" "	34.74
2311#	1 3/4 ROUND MILD	STEEL	@	3.00	" "	69.33
761#	2" " "	"	@	3.00	" "	22.83
637#	1" OCT. TOOL	"	@	.07	" #	44.59
671#	1 1/8 " "	"	@	.07	" "	46.97
86#	1 1/4 " "	"	@	.07	" "	6.02
907#	1 1/2 " "	"	@	.07	" "	63.49
333#	1 1/2 "	BRASS	@	.20	" "	66.60
10 1/2#	3/8 BRASS ROD		@	.20	" "	2.10
5#	1/2 " "		@	.20	" "	1.00
78#	3/4 " "		@	.20	" "	15.60
14#	1/4 " "		@	.20	" "	2.80
						1226.94

708#	1/8 X 21 X 28½	TANK STEEL	@	.025	PER LB.	17.70
7991#	3/16 X 36 X 72	" "	@	.0225	" "	179.80
2565#	1/8 X 30 X 60	" "	@	.025	" "	64.12
2547#	5/16 X 38	" "	@	.02	" "	50.94
127#	27 X 24 X 101	WOOD REF. IRON	@	.04	" "	5.71
165#	6¼ X 16½	FORGED STEEL	@	.0525	" "	8.66
214#	2-3/16 X 40	FAN SHAFTING	@	.03	" "	6.42
202#	SQ. ¼ TO ⅝	MACH STEEL	@	.05	" "	10.10
14½#	HARDENING STEEL		@	.50	" "	7.25
17#	⅞	BRASS ROD	@	.20	" "	3.40
21½#	1"	" "	@	.20	" "	4.30
126#	2-3/16	BRASS FAN SHAFT	@	.20	" "	25.20
1449#	3"	" PIPE	@	.20	" "	289.80
65#	2½"	" "	@	.20	" "	13.00
245#	2"	" "	@	.25	" "	61.25
217#	1½"	" "	@	.25	" "	54.25
170½#	1"	" "	@	.25	" "	42.62
88#	¾	" "	@	.25	" "	22.00
33#	½"	" "	@	.32	" "	10.56
16#	⅜"	" "	@	.35	" "	5.60
157½#	¼"	" "	@	.40	" "	63.00
7#	⅛	" "	@	.42	" "	2.94
153#	2"	BRASS TUBING	@	.25	" "	38.25
32#	1"	" "	@	.25	" "	8.00
53#		" PIPE	@	.20	" "	10.60
412#	BRONZE TUYERS		@	.23	" "	94.76
18#	2"	COPPER TUBE	@	.29	" "	5.22
2885#	2½	OCT. 14 STUBBS COPPER TUBES	@	.26	" "	750.10
39#	¾	" " " " "	@	.31	" "	12.09
412#	SHEET COPPER		@	.25	" "	103.00
37#	COPPER NAILS		@	.40	" "	14.80
7¼#	2"	SQ. COPPER	@	.30	" "	2.18
44#	COPPER RIVETS		@	.32	" "	14.08
57 FT.	⅛"	BLACK PIPE	@	.03	" FT.	1.71
84 FT.	¼"	" "	@	.03	" "	2.52
307 "	⅜	" "	@	.035	" "	10.75
16	FT. ½	" "	@	.05	" "	.80
103	" ¾	" "	@	.06	" "	6.18
126	" 1	" "	@	.075	" "	9.45
52½	" 1¼	" "	@	.0925	" "	4.85
152	" 1½	" "	@	.11	" "	16.72
45	" 2"	" "	@	.15	" "	6.75
26	" 2½	" "	@	.30	" "	7.80
49	" 3"	" "	@	.30	" "	14.70
20	" 3½	" "	@	.37	" "	7.40
88	" 4"	" "	@	.40	" "	35.20
60	" 5"	" "	@	.53	" "	31.80
88½	" 6"	" "	@	.65	" "	57.52
13½	" 10	" "	@	2.25	" "	28.12
19¼	" 6"	GALV. PIPE	@	.90	" "	17.32
90	" 2"	EX. HEAVY GALV. PIPE	@	.70	" "	63.00
131	" 2"	" " " "	@	.27	" "	35.37
58½	" 2½	" " " "	@	.425	" "	24.86
42	" 3"	" " "	@	.545	" "	22.89
22¼	" 2½	DBL. EX. HEAVY PIPE	@	.93	" "	20.69
1668	" 4"	STERLING BOILER TUBES	@	.30	" "	500.40
1	10"	ELBOW	@	5.10	EACH	5.10
4	6"	"	@	.85	"	3.40
3	5"	"	@	.60	"	1.80
4	4"	"	@	.35	"	1.40
5	3"	"	@	.30	"	1.00
10	2½"	"	@	.15	"	1.50
						2942.70

138.96

3

6	2"	ELBOW	@	.10	EACH	.60
12	1½"	"	@	.07	"	.84
6	1¼"	"	@	.06	"	.36
8	1"	"	@	.045	"	.36
14	¾"	"	@	.035	"	.49
19	½"	"	@	.03	"	.57
23	⅜"	"	@	.025	"	.58
6	¼"	"	@	.02	"	.12
3	1¼ X 1	RED. ELLS	@	.10	"	.30
2	1¼	ST. ELL	@	.12	"	.24
4	1"	" "	@	.08	"	.32
3	½"	" "	@	.05	"	.15
1	8"	45° ELBOW	@	2.20	"	2.20
2	6"	" "	@	1.00	"	2.00
2	5"	" "	@	.70	"	1.40
5	4"	" "	@	.45	"	2.25
3	3½"	" "	@	.38	"	1.14
5	3"	" "	@	.29	"	1.45
7	2½"	" "	@	.20	"	1.40
3	2"	" "	@	.12	"	.36
10	1½"	" "	@	.08	"	.80
19	1¼"	" "	@	.05	"	.95
14	1"	" "	@	.04	"	.56
6	¾"	" "	@	.03	"	.18
17	½"	" "	@	.02	"	.34
11	⅜	" "	@	.02	"	.22
9	¼"	" "	@	.015	"	.14
1	5"	FLANGED ELBOW	@	3.50	"	3.50
2	2½	" "	@	1.80	"	3.60
1	4"	Y	@	1.00	"	1.00
3	6"	TEES	@	1.15	"	3.45
2	5"	"	@	.90	"	1.80
1	4"	"	@	.55	"	.55
5	3"	"	@	.40	"	2.00
10	2½"	"	@	.25	"	2.50
2	2"	"	@	.15	"	.30
8	1½"	"	@	.10	"	.80
6	1¼"	"	@	.07	"	.42
14	1"	"	@	.05	"	.70
12	¾"	"	@	.04	"	.48
2	½"	"	@	.0325	"	.08
7	⅜"	"	@	.03	"	.21
11	¼"	"	@	.025	"	.28
7	⅛"	"	@	.02	"	.14
1	3 X 2 X 1¼	REDUCED TEES	@	.35	"	.35
1	2½ X 2 X 1¼	" "	@	.15	"	.15
1	4 X 3 X 1¼	" "	@	.50	"	.50
2	4 X 1¼	" "	@	.50	"	1.00
1	6 X 5 X 4	" "	@	.15	"	.15
1	5 X 4 X 2½	" "	@	.90	"	.90
11	1¼ X ½	" "	@	.08	"	.88
1	¾ X ⅜	" "	@	.05	"	.05
5	1¼ X 1	" "	@	.08	"	.40
6	3½"	CROSSES	@	.95	"	5.70
14	1"	"	@	.20	"	2.80
2	½	"	@	.06	"	.12
6	¼	"	@	.05	"	.30
155	1"	RETURN BENDS	@	.15	"	23.25
5	1¼	" "	@	.20	"	3.00
9	¾	" "	@	.10	"	.90
1	1½"	UNION	@	.14	"	.14
						82.72

138.96

10	1¼"	UNIONS	@	.10	EACH	1.00
8	1"	"	@	.08	"	.64
8	¾"	"	@	.06	"	.48
12	½"	"	@	.055	"	.66
4	⅜	"	@	.04	"	.16
2	7"	CAST FLANGES	@	1.46	"	2.92
3	6"	" "	@	1.10	"	3.30
3	5"	" "	@	.95	"	2.85
7	4"	" "	@	.58	"	4.06
7	3"	" "	@	.42	"	2.94
6	2½	" "	@	.36	"	2.16
6	2"	" "	@	.30	"	1.80
5	1½	" "	@	.26	"	1.30
3	1¼	" "	@	.20	"	.60
1	6 X 4	BUSHING	@	.32	"	.32
1	6 X 3	"	@	.27	"	.27
1	6 X 2	"	@	.25	"	.25
4	5 X 4	"	@	.23	"	.92
2	4 X 3½	"	@	.15	"	.30
1	5 X 2	"	@	.23	"	.23
4	4 X 3	"	@	.16	"	.64
1	4 X 2	"	@	.14	"	.14
1	3 X 2	"	@	.09	"	.09
3	3 X 2½	"	@	.10	"	.30
1	2½ X 1½	"	@	.05	"	.05
3	2½ X 2	"	@	.05	"	.15
5	1½ X 1¼	"	@	.04	"	.20
16	2 X 1½	"	@	.05	"	.80
2	1¼ X 1	"	@	.035	"	.07
5	1 X ¾	"	@	.02	"	.10
3	¾ X ½	"	@	.015	"	.05
6	¼ X ⅛	"	@	.01	"	.06
6	2 X ¾	"	@	.05	"	.30
3	3 X 1	"	@	.05	"	.15
5	1½ X 1	"	@	.04	"	.20
59	1¼ X ¾	"	@	.03	"	1.77
2	1 X ⅜	"	@	.02	"	.04
7	1½ X ¾	"	@	.03	"	.21
2	1 X ½	"	@	.02	"	.04
24	2 X 1¼	"	@	.05	"	1.20
49	2 X ½	"	@	.05	"	2.45
70	1¼ X ½	"	@	.03	"	2.10
22	¾ X ⅜	"	@	.02	"	.44
9	5 X 4	REDUCERS	@	.55	"	4.95
4	3 X 2	"	@	.28	"	1.12
6	2½ X 2	"	@	.16	"	.96
6	1½ X 1¼	"	@	.10	"	.60
2	1½ X ½	"	@	.09	"	.18
16	2 X 1¼	"	@	.15	"	2.40
25	2 X 1½	"	@	.15	"	3.75
3	1¼ X 1	"	@	.09	"	.27
4	2 X ¾	"	@	.15	"	.60
5	1¼ X 1	"	@	.06	"	.30
5	1¼ X ¾	"	@	.06	"	.30
4	¾ X ⅜	"	@	.04	"	.16
17	½ X ⅜	"	@	.035	"	.60
15	¼ X ¼	"	@	.035	"	.53
7	2"	CAPS	@	.10	"	.70
5	1½"	"	@	.08	"	.40
8	1¼	"	@	.07	"	.56
20	3"	"	@	.24	"	4.80
15	2½"	"	@	.15	"	2.25
						64.14
						138.96

4	6"	PLUGS	@	.33	EACH	1.32
8	5"	"	@	.24	"	1.92
5	4"	"	@	.14	"	.70
2	3"	"	@	.10	"	.20
6	2½"	"	@	.06	"	.36
4	2"	"	@	.05	"	.20
7	1½"	"	@	.05	"	.35
4	1¼"	"	@	.04	"	.16
12	1"	"	@	.02	"	.24
4	½"	"	@	.015	"	.06
15	⅜"	"	@	.01	"	.15
12	¼"	"	@	.01	"	.12
12	⅛	"	@	.01	"	.12
1	10"	NIPPLES	@	1.40	"	1.40
2	8"	"	@	1.20	"	2.40
1	7"	"	@	1.05	"	1.05
4	6"	"	@	.80	"	3.20
4	5"	"	@	.40	"	2.00
4	4"	"	@	.22	"	.88
2	3½"	"	@	.16	"	.32
8	3"	"	@	.12	"	.96
2	2½"	"	@	.07	"	.14
4	2"	"	@	.045	"	.18
3	1¼"	"	@	.04	"	.12
1	1"	"	@	.03	"	.03
21	¾"	"	@	.02	"	.42
20	½"	"	@	.02	"	.40
23	⅜"	"	@	.015	"	.35
12	¼"	"	@	.0125	"	.15
12	⅛"	"	@	.01	"	.12
1	14"	COUPLING	@	4.00	"	4.00
1	12"	"	@	3.10	"	3.10
7	10"	"	@	2.35	"	16.45
7	8"	"	@	1.30	"	9.10
5	7"	"	@	1.00	"	5.00
8	6"	"	@	.80	"	6.40
6	5"	"	@	.55	"	3.30
10	4"	"	@	.34	"	3.40
5	3½"	"	@	.30	"	1.50
39	3"	"	@	.20	"	7.80
15	2½"	"	@	.14	"	2.10
72	2"	"	@	.10	"	7.20
72	1½"	"	@	.07	"	5.04
36	1¼"	"	@	.06	"	2.16
20	1"	"	@	.05½	"	1.10
10	¾"	"	@	.04	"	.40
15	⅜"	"	@	.02	"	.30
4	1½"	BRASS COUPLING	@	.18	"	.72
6	2"	" "	@	.40	"	2.40
9	1"	" "	@	.15	"	1.35
2	2½"	" "	@	.72	"	1.44
2	3"	" "	@	1.10	"	2.20
1	4"	" "	@	1.40	"	1.40
3	1½"	" FLANGES	@	2.10	"	6.30
21	⅛"	" UNION	@	.11	"	2.31
24	¼"	" "	@	.14	"	3.36
14	⅜"	" "	@	.18	"	2.52
2	½"	" "	@	.22	"	.44
6	¾"	" "	@	.27	"	1.62
5	1"	" "	@	.375	"	1.88
6	1¼"	" "	@	.51	"	3.06
4	1½	" "	@	.65	"	2.60
3	3"	" "	%	2.33	"	6.99
						138.96

6	¾ F. ½ BR. UNION	@	.18	EACH	1.08
4	1"" " " "	@	.21	"	.84
6	1¼ " " " "	@	.30	"	1.80
6	¾ F. M. ½" "	@	.18	"	1.08
6	1"" " "" "	@	.21	"	1.26
5	1¼ F. M. ½ BR. UNION	@	.30	"	1.50
7	1½ " " " CROSSES	@	.60	"	4.20
4	3" BRASS CROSSES	@	2.10	"	8.40
4	4" " "	@	4.35	"	17.40
6	2" " RETURNS	@	2.10	"	12.60
3	1½" " PLUGS	@	.15	"	.45
2	3" " "	@	.60	"	1.20
11	4"" " "	@	1.20	"	13.20
4	6" " "	@	2.00	"	8.00
3	1" SOFT "	@	.30	"	.90
20	⅛" BRASS ELBOWS	@	.04	"	.80
12	¼" " "	@	.07	"	.84
13	⅜" " "	@	.06	"	.78
11	½" " "	@	.10	"	1.10
6	¾" " "	@	.16	"	.96
7	1" " "	@	.20	"	1.40
7	1¼ " "	@	.26	"&	1.82
8	1½" " "	@	.31	"	2.48
11	2" " "	@	.90	"	9.90
8	2" 3 WAY BR. ELBOWS	@	.50	"	4.00
6	2" BRASS TEES	@	.70	"	4.20
6	1½ " "	@	.52	"	3.12
6	1" " "	@	.30	"	1.80
6	¾ " "	@	.30	"	1.80
2	½ " "	@	.24	"	.48
5	⅜ " "	@	.18	"	.90
5	⅜ X 1 " RED. TEES	@	.18	"	.90
2	1¼ " " "	@	.90	"	1.80
8	¼ X ⅛ BRASS BUSH	@	.03	"	.24
6	⅜ X ¼ " "	@	.04	"	.24
6	⅜ X ½ " "	@	.09	"	.54
14	½ X ½ " "	@	.09	"	1.26
18	½ X ¾ " "	@	.14	"	2.52
18	½ X ⅞ " "	@	.045	"	.81
12	½ X 1 " "	@	.12	"	1.44
12	1 X 1¼ " "	@	.18	"	2.16
15	1¼ X 1½" "	@	.27	"	4.05
15	1½ X 2 " "	@	.31	"	4.65
2	2 X 2½ " "	@	.45	"	.90
9	3 X 4 " "	@	.45	"	13.05
9	⅛" ANGLE VALVES	@	.25	"	2.25
1	⅜ " "	@	.32	"	.32
4	1½ " "	@	1.40	"	5.60
2	2" " "	@	2.12	"	4.24
2	2½ " "	@	3.65	"	7.30
5	¼" GLOBE VALVES	@	.22	"	1.10
12	⅜" " "	@	.25	"	3.00
3	½" " "	@	.35	"	1.05
4	¾ " "	@	.35	"	1.40
6	1" " "	@	.55	"	3.30
16	1¼ " "	@	.70	"	11.20
1	1½ " "	@	1.40	"	1.40
2	3" " "	@	2.12	"	4.24
2	2½ " "	@	3.65	"	7.30
6	½" GATE VALVES	@	.41	"	2.46
1	2" " "	@	2.75	"	2.75
1	2½" " "	@	4.75	"	4.75
4	3" " "	@	5.50	"	22.00
					230.51

1	3"	IRON VALVE	@	4.75	EACH	4.75
6	2"	HOSE VALVES	@	2.50	"	15.00
5	½	FAIRBANK VALVES	@	.45	"	2.25
6	¾	" "	@	.88	"	5.28
5	1"	" "	@	1.20	"	6.00
4	1¼	" "	@	1.60	"	6.40
3	1½	" "	@	2.20	"	6.60
1	2"	" "	@	3.20	"	3.20
10	¼	" DISCS	@	.05	"	.50
12	½"	" "	@	.10	"	1.20
29	¾"	" "	@	.11	"	3.19
24	1"	" "	@	.13	"	3.12
34	1¼	" "	@	.20	"	6.40
6	1½	" "	@	.25	"	1.50
3	2"	" "	@	.32	"	.94
6	3"	" "	@	.35	"	2.10
2	½	CHECK VALVES	@	.39	"	.60
2	¾	" "	@	.40	"	.80
6	1"	" "	@	.56	"	3.36
4	1½	" "	@	1.10	"	4.40
3	1¼	ANGLE CHECK VALVES	@	.78	"	12.34
5	CADMAN BLOW OFF VALVES					61.88
7	⅛	AIR COCKS	@	.15	"	1.05
6	¼	" "	@	.15	"	.90
2	⅜	WATER COCKS	@	.60	"	1.20
1	SET ½	GUAGE COCKS	@	1.80	"	1.80
1	2"	STOP COCK	@	1.20	"	1.20
1	3"	" "	@	5.25	"	5.25
3	2"NEE PLUS HOSE COUPLINGS		@	2.25	"	6.75
100	10" COPPER ELBOWS		@	.35	"	35.00
8	VALVE STUDS & GUARDS		@	1.00	"	8.00
12	RUBBER VALVE STUDS		@	.50	"	6.00
3	#1	MARINE GREASE CUPS S. F.	@	.50	"	1.50
3	#1	" " "	@	.32	"	.96
3	#3	" " "	@	.90	"	2.70
1	#2	" "	@	.75	"	.75
1	6"	STEAM GUAGE	@	1.25	"	1.25
1	STEAM GUAGE		@	4.00	"	4.00
1	PT. MC CANNA PUMP GLASS		@	.60	"	.60
1	1 QT.	Mc CANNA PUMP GLASS	@	.75	"	.75
1	BR. LINING FOR FEED PUMP		@	17.50	"	17.50
2	CABLE SOCKETS		@	1.00	"	2.00
5#	⅜	EXCELSIOR GASKET	@	.65	PER LB.	3.25
28#	⅜	TO ¾ ECLIPSE GASKET	@	.65	" "	17.20
106#	¼"	TO 1" PEERLESS SPIRAL PKG.	@	.65	" "	68.90
6#	¾ & ½	HERCULES PACKING	@	1.30	" "	7.80
9#	½ & ⅛	GARLOCK "	@	.65	" "	5.85
182#	⅜	TO ¾ SQ. DUCK "	@	.30	" "	54.60
33#	⅜	TO 1" SQ. FLAX "	@	.25	" "	8.25
84#	1/16 & ⅛	A. B. S. SHEET PKG.	@	.12	" "	10.08
39#	DOUBLE SHEET PACKING		@	.15	" "	5.85
167#	1/16 & ⅛	RAINBOW "	@	.45	" "	75.15
16#	1/16 & ⅛	HOLETITE PACKING	@	.52	" "	8.32
40#	¼	PURE GUM RUBBER "	@	1.00	" "	40.00
5#	GERMAN ASBESTOS "		@	1.00	" "	5.00
74#	RUBBER VALVES		@	1.00	" "	74.00
25#	½ X 3	VULCANIZED RB'R. VALVES	@	1.00	" "	25.00
100	5/16 X 2	TIRE BOLTS	@	.005	EACH	.50
150	3/16 X 2½	" "	@	.005	"	.75
114	¼ X 1	MACHINE BOLTS	@	.005	"	.57
70	¼ X 1½	" "	@	.0075	"	.52
81	¼ X 2	" "	@	.0075	"	.61
						663.17

88	5/16 X 2	MACH. BOLTS	@	.0075	EACH		.66
150	5/16 X 2½	" "	@	.0075	"		1.13
99	5/16 X 3	" "	@	.0075	"		.74
99	5/16 X 3½	" "	@	.01	"		.99
115	¾ X 1	" "	@	.78	PER	100#	.89
89	¾ X 1½	" "	@	.78	"	"	.69
96	⅜ X 2	" "	@	.80	"	"	.77
100	⅜ X 2½	" "	@	.85	"	"	.85
247	½ X 1	" "	@	1.00	"	"	2.47
88	½ X 1½	" "	@	1.10	"	"	.97
52	½ X 2	" "	@	1.15	"	"	.60
81	½ X 2½	" "	@	1.30	"	"	1.05
130	½ X 3	" "	@	1.40	"	"	1.82
269	½ X 3½	" "	@	1.50	"	"	4.04
42	½ X 4	" "	@	1.55	"	"	.65
19	½ X 5	" "	@	1.65	"	"	.31
80	½ X 5½	" "	@	1.80	"	"	1.44
70	½ X 6	" "	@	2.00	"	"	1.40
80	⅝ X 2	" "	@	1.80	"	"	1.44
125	⅝ X 2¼	" "	@	1.80	"	"	2.25
40	⅝ X 3	" "	@	1.90	"	"	.76
229	⅝ X 3½	" "	@	1.95	"	"	4.47
97	⅝ X 4	" "	@	2.00	"	"	1.94
88	⅝ X 4½	" "	@	2.00	"	"	1.76
17	⅝ X 5	" "	@	2.10	"	"	.36
45	⅝ X 5½	" "	@	2.15	"	"	.97
900	⅝ X 7	" "	@	2.90	"	"	26.10
140	7/16 X 2	" "	@	1.15	"	"	1.61
46	¾ X 2	" "	@	2.80	"	"	1.29
61	⅞ X 2	" "	@	.045	EACH		2.75
31	1 X 2	" "	@	.055	"		1.71
97	¼ X 2	CR. "	@	.42	"	"	.40
145	¼ X 2½	CR. "	@	.45	"	"	.65
113	¼ X 2¾	" "	@	.45	"	"	.50
300	¼ X 3	" "	@	.87	"	"	2.61
39	5/16 X 1	" "	@	.45	"	"	.18
43	5/16 X 1½	" "	@	.48	"	"	.21
56	5/16 X 2	" "	@	.50	"	"	.28
75	5/16 X 3	" "	@	.55	"	"	.41
120	5/16 X 3½	" "	@	.58	"	"	.70
59	5/16 X 4	" "	@	.65	"	"	.38
26	5/16 X 5	" "	@	.70	"	"	.18
80	⅜ X 1	" "	@	.53	"	"	.42
55	⅜ X 1½	" "	@	.53	"	"	.29
33	⅜ X 2	" "	@	.58	"	"	.19
110	⅜ X 3	" "	@	.62	"	"	.68
110	⅜ X 4	" "	@	.75	"	"	.83
48	⅜ X 5	" "	@	.90	"	"	.43
85	⅜ X 5½	" "	@	.95	"	"	.81
20	⅜ X 6	" "	@	1.05	"	"	.21
81	⅜ X 4	TEE "	@	3.10	"	"	2.51
50	⅜ X 3½	LAG SCREWS	@	.85	"	"	.43
50	⅜ X 3	" "	@	.90	"	"	.45
69	⅜ X 2½	" "	@	.82	"	"	.57
50	⅜ X 2	" "	@	.75	"	"	.37
50	½ X 2	" "	@	1.05	"	"	.53
50	½ X 2½	" "	@	1.14	"	"	.57
48	½ X 3	" "	@	1.21	"	"	.58
44	½ X 3½	" "	@	1.30	"	"	.57
33	½ X 2	" "	@	1.30	"	"	.43
53	½ X 2½	" "	@	1.40	"	"	.74
53	⅝ X 3	" "	@	1.50	"	"	.80
							87.79

48	5/8 X 4	LAG SCREWS	@	1.75	PER 100	.84
17	1/2"	CABLE CLAMPS	@	.22	EACH	3.74
192	1/4 X 1/2	FLAT HEAD STOVE BOLTS	@	.50	PER 100	.96
45	1/4 X 1	ROUND " " "	@	.35	" "	.16
97	1/4 X 1 1/4	" " " "	@	.35	" "	.34
26	1/4 X 1/2	MACH. SCREWS	@	.50	" "	.13
86#	60d	NAILS	@	2.75	" "	2.37
213#	40d	"	@	2.75	" "	5.86
100#	30d	"	@	2.90	" "	2.90
44#	20d	"	@	2.90	" "	1.28
213#	10d	"	@	2.80	" "	5.96
60#	8d	"	@	2.80	" "	1.68
110#	6d	"	@	3.00	" "	3.30
663#	R. R. SPIKE		@	2.50	" "	16.58
3249#	5/8 X 5	R. R. SPIKE	@	2.50	" "	81.23
1520#	3/8 X 2	TRACK BOLTS	@	.02	EACH	30.40
605#	3/4 X 4	" "	@	.035	"	21.18
81#	BRIDGE SPIKE		@	3.00	" "	2.43
18#	1/4 X 1/2	SET SCREW	@	.005	EACH	.09
21#	1/4 X 1/4	" "	@	.0075	"	.18
27#	1/4 X 1	" "	@	.01	"	.27
26#	5/16 X 1	SET SCREW	@	.005	"	.13
26	5/16 X 1 1/2	" "	@	.0075	"	.20
22	3/8 X 1	" "	@	.005	"	.11
26	3/8 X 1 1/2	" "	@	.01	"	.26
10	3/8 X 2	" "	@	.01	"	.10
55	7/16 X 3/4	" "	@	.01	"	.55
20	7/16 X 1	" "	@	.0125	"	.25
11	7/16 X 1 1/4	" "	@	.015	"	.17
13	1/2 X 3/4	" "	@	.0075	"	.10
10	1/2 X 1	" "	@	.01	"	.10
25	1/2 X 1 1/2	" "	@	.015	"	.38
12	1/2 X 3	" "	@	.0275	"	.33
31	9/16 X 1	" "	@	.0125	"	.39
24	9/16 X 1/2	" "	@	.01	"	.24
16	9/16 X 3/4	" "	@	.01	"	.16
15	5/16 X 1	CAP "	@	.0175	"	.26
41	1/4 X 1 1/4	" "	@	.0175	"	.72
40	5/16 X 1 1/2	" "	@	.02	"	.80
30	3/8 X 1	" "	@	.0175	"	.53
17	3/8 X 1 1/2	" "	@	.0175	"	.30
72	7/16 X 1 1/2	" "	@	.0225	"	1.62
43	1/2 1 1/2	" "	@	.025	"	1.08
17	7/16 X 3	" "	@	.035	"	.60
68	3/8 X 1 1/2	" "	@	.02	"	1.36
13	17/32 X 3	" "	@	.07	"	.91
11	1/2 X 3	" "	@	.05	"	.55
28	1/2 X 3 1/2	" "	@	.055	"	1.54
84#	1 1/4	TOP NUTS	@	.045	"	3.78
169#	1 1/8	" "	@	.045	"	7.61
196#	1"	" "	@	.05	"	9.80
116#	7/8	" "	@	.06	"	6.96
102#	3/4	" "	@	.06	"	6.12
145#	5/8	" "	@	.06	"	8.70
100#	1/2	" "	@	.06	"	6.00
40#	1/4	BLANK "	@	.05	"	2.00
169#	3/8	" "	@	.08	"	13.52
43#	3/4	WROT WASHERS	@	.05	"	2.15
23#	1/2	" "	@	.055	"	1.27
50#	3/8	" "	@	.06	"	3.00
						266.53

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63#	1/4	WROT WASHERS	@	.06		EACH	3.78
59#	5/8	" "	@	.04		"	2.36
30#	1 1/4	" "	@	.04		"	1.20
156#	1/4	X 2 RIVETS	@	.075		"	11.70
42#	1/4	X 2 1/2 "	@	.07		"	2.94
67#	1/4	X 1 "	@	.07		"	4.69
53#	3/8	X 2 1/2 "	@	.07		"	3.71
81#	3/8	X 1 1/2 "	@	.07		"	5.67
47#	3/8	X 1 "	@	.07		"	3.29
25#	5/16	X 3/4 "	@	.05		"	1.25
50#	5/16	X 3 1/2 "	@	.05		"	2.50
12#	1/4	X 3/4 "	@	.07		"	.84
15#	1/4	X 1 "	@	.07		"	1.05
72#	1/2	X 3/4 FLAT HEAD RIVETS	@	.05		"	3.60
100#	2/3	X 4 BURDEN "	@	.04		"	4.00
100#	2/3	X 3 1/2 " "	@	.04		"	4.00
121#	1/2	X 1 1/2 " "	@	.035		"	4.24
150#	3/4	X 2 1/4 " "	@	.04		"	6.00
200#	1/8	X 2 1/4 " "	@	.04		"	8.00
95#	1/2	X 1 1/4 " "	@	.035		"	3.32
120#	2/3	X 2 " "	@	.07		"	8.40
100#	3/4	X 2 " "	@	.07		"	7.00
40#	5/8	X 2 " "	@	.045		"	1.80
138#	3 X 1	" "	@	.05		"	6.90
18#	5/8	X 1 3/4 " "	@	.04		"	.72
79#	3/4	X 1 1/4 " "	@	.04		"	3.16
60#	1/2	X 1/2 " "	@	.07		"	4.20
270#	1/2	X 3/8 FEAT HEAD "	@	.05		"	13.50
81#	1/4	X 1/2 " " "	@	.05		"	4.05
14#	1/4	X 3 CONE " "	@	.07		"	.98
130#	1/4	X 3/8 " " "	@	.07		"	9.10
49#	1/8	X 3 " " "	@	.05		"	2.45
50#	1/8	X 2 " " "	@	.05		"	2.50
1793#		BRAKE SHOE CASTINGS	@	2.25	PER	100	40.34
330#		CASTINGS	@	2.00	"	"	6.60
53#		SHEAVES	@	2.00	"	"	1.06
212#		RUB IRON CASTINGS	@	2.00	"	"	4.24
845#		CASTINGS	@	2.00	"	"	16.90
8576#		GRATE CASTINGS	@	3.00	"	"	257.28
1674#		DUMP GRATES	@	2.00	"	"	33.48
212#		8 MANGANESE WHEELS	@	.09	"	LB.	19.08
100#		RING CASTING	@	1.95	"	100	1.95
1350#		DRAW HEAD CASTINGS	@	2.00	"	"	27.00
26#		CAST WASHERS	@	1.95	"	"	.51
426#		HORSE SHOES	@	.045	"	LB.	19.17
4		WAGON SKANES	@	2.15	EACH		8.60
2		WAGON SKANES	@	1.50	"		3.00
12		CONCAVES FOR CRUSHER	@				80.00
1		DUST RING " "	@	2.76	"		2.76
1		CAP " "	@	2.50	"		2.50
1/4	DOZ.	#00 GROBERT 1/2 ROUND FILE	@	.225	"		.68
1/4	DOZ.	#1 GROBET 1/2 " "	@	.225	"		.68
1/4	DOZ.	#3 " 1/2 " "	@	.25	"		.75
1/4	DOX.	#0 " END "	@	.175	"		.53
1/4	DOZ.	#2 " " "	@	.175	"		.53
1/4	DOZ.	#4 " " "	@	.18	"		.54
1/4	DOZ.	#6 " " "	@	.185	"		.56
1/4	DOZ.	#0 " CROSSING "	@	.285	"		.86
1/4	DOZ.	#2 " " "	@	.285	"		.86
1/4	DOZ.	#00 " SQUARE "	@	.185	"		.56
1/4	DOZ.	#1 " " "	@	.185	"		.56
							674.48

¼ DOZ.	#2	GROBET SQUARE FILE	@	.185	EACH	.56
¼ DOZ.	#1	" KNIFE "	@	.25	"	.75
¼ DOZ.	#1	" DBL. CUT EQL'G FILE	@	.235	"	.71
¼ DOZ.	#0-5	" FILE	@	.225	"	.68
¼ DOZ.	#1-5	" "	@	.225	"	.68
¼ DOZ.	#2	" "	@	.225	"	.68
¼ DOZ.	#00	" NARROW PILLAR FILE	@	.205	"	.62
¼ DOZ.	#1	" " " "	@	.205	"	.62
¼ DOZ.	#2	" " " "	@	.205	"	.62
¼ DOZ.	#4	" " " "	@	.21	"	.63
¼ DOZ.	#3	" HAND FILE	@	.23	"	.69
¼ DOZ.	3"	STUBBS EQUALING FILE	@	.125	"	.38
¼ DOZ.	5"	" " "	@	.185	"	.56
¼ DOZ.	#0	DBL. CUT " "	@	.125	"	.38
¼ DOZ.	#00	KNIFE "	@	.25	"	.75
¼ DOZ.	#3	" "	@	.26	"	.78
¼ DOZ.	#5	" "	@	.26	"	.78
¼ DOZ.	#5	SQUARE "	@	.20	"	.60
14	16"	HORSE RASPS	@	.60	"	8.40
8	12"	COURSE FILES	@	.20	"	1.60
7	12"	MILL "	@	.20	"	1.40
6	8"	" "	@	.11	"	.66
12	6"	TAPERED SAW FILES	@	.09	"	1.08
5	6"	FLAT FILES	@	.11	"	.55
12	6"	TAPERED FILES	@	.11	"	1.32
15	12"	SQUARE BASTARDS FILES	@	.17	"	2.55
9	10"	" " "	@	.12	"	1.08
11	12"	½ ROUND FILES	@	.20	"	2.20
23	6"	SQUARE FILES	@	.09	"	2.07
12	6"	½ ROUND FILES	@	.10	"	1.20
9	10"	ROUND "	@	.10	"	.90
11	12"	ROUND "	@	.14	"	1.54
27	6"	" "	@	.06	"	1.62
20	FILE HANDLES		@	.05	"	1.00
11	1/16	TWIST DRILLS	@	.04	"	.44
9	5/64	" "	@	.05	"	.45
9	3/32	" "	@	.05	"	.45
7	7/64	" "	@	.0525	"	.37
4	⅛	" "	@	.055	"	.22
2	9/64	" "	@	.065	"	.13
4	5/32	" "	@	.065	"	.26
8	11/64	" "	@	.0725	"	.58
3	3/16	" "	@	.08	"	.24
6	13/64	" "	@	.085	"	.51
5	7/32	" "	@	.10	"	.50
12	15/64	" "	@	.1125	"	1.35
11	¼	" "	@	.12	"	1.32
6	17/64	" "	@	.125	"	.75
5	9/32	" "	@	.13	"	.65
5	19/64	" "	@	.145	"	.73
3	5/16	" "	@	.16	"	.48
5	21/64	" "	@	.165	"	.83
6	11/32	" "	@	.17	"	1.12
7	23/64	" "	@	.1825	"	1.28
5	⅜	" "	@	.205	"	1.03
9	25/64	" "	@	.21	"	1.89
9	13/32	" "	@	.215	"	1.94
1	27/64	" "	@	.2325	"	.23
8	7/16	" "	@	.24	"	1.92
5	29/64	" "	@	.2525	"	1.26
4	15/32	" "	@	.26	"	1.04
5	31/64	" "	@	.27	"	1.35
						63.96

$579.53

12

10	1/2 TWIST DRILLS	@	.30	EACH	3.00
6	17/32 " "	@	.46	"	2.76
10	9/16 " "	@	.49	"	4.90
3	5/8 " "	@	.62	"	1.86
1	21/32 " "	@	.67	"	.67
1	11/16 " "	@	.58	"	.58
2	3/4 " "	@	.75	"	1.50
6	25/32 " "	@	.74	"	4.44
7	13/16 " "	@	.75	"	5.25
1	29/32 " "	@	1.04	"	1.04
1	7/8 " "	@	1.05	"	1.05
1	1-1/32 " "	@	1.28	"	1.28
1	1-1/16 " "	@	1.50	"	1.50
1	1-1/16 " "	@	1.70	"	1.70
1	1 1/4 " "	@	1.80	"	1.80
2	1 1/2 " "	@	2.40	"	4.80
1	5/8 +1/32 TAP	@	.80	"	.80
1	3/4 +1/32 - 10 TAP	@	.60	"	.60
1	7/8 + 1/32 - 32 "	@	.60	"	.60
1	1 "	@	.50	"	.50
1	1 1/4 "	@	.30	"	.30
1#	1/2 CLOUT NAILS	@	.08	"	.08
1#	5/8 " "	@	.07	"	.07
1#	3/4 " "	@	.06	"	.06
1#	7/8 " "	@	.05	"	.05
1#	1" " "	@	.05	"	.05
2500	COMMON RED BRICK	@	8.00	PER M	20.00
8	BOXES WOODLAND SPEC. G.VALVES FOR STOVES	@	6.35	EACH	50.83
1100	FIRE BRICK	@	25.00	PER M	27.50
2788	" "	@	32.00	" "	89.22
20	BBLS. CEMENT	@	2.10	EACH	42.00
30	" FIRE CLAY	@	2.00	"	60.00
21	BAGS ASBESTOS CEMENT	@	1.75	"	36.75
500#	ASBESTOS FIBRE	@	.12	PER LB.	60.00
90#	" BOARD	@	.055	" "	4.95
3	BBLS. SALT	@	1.10	EACH	3.30
3490#	" SODA-ASH	@	2.25	PER C#	78.52
35#	POLE PICKS	@	.50	EACH	17.50
116	WINDOW CORD PULLEYS	@	.03	"	3.48
103	SHEETS SAND PAPER	@	.01	"	1.03
562	SHEETS EMORY CLOTH	@	.03	"	16.86
7	PIKE POLES	@	1.00	"	7.00
21	5/8 TURN BUCKLE	@	.25		5.25
5	1 1/4 " "	@	.62		3.10
8864#	CAUSTIC SODA	@	.03	PER LB.	265.92
2800#	SULPHATE ALUMINUM	@	.025	" "	70.00
615#	PIG LEAD	@	.05	" "	30.75
51#	BR. CASTINGS FOR BLOW ENG.	@	.25	" "	12.75
36#	HEX. BLANK NUTS	@	.08		2.88
7	LANTERN BURNERS	@	.05	EACH	.35
5	AXES	@	.50	"	2.50
12	BARRELL FAUCETS	@	.10	"	1.20
13	5 GAL. CANS	@	.50	"	6.50
16	3 " "	@	.40	"	6.40
8	1 " "	@	.30	"	2.40
1	5 " CRESCENT CAN	@	.75	"	.75
2	2 " CANS	@	.35	"	.70
1	PAINT BRUSH	@	.50	"	.50
12	1/2" SASH BRUSHES	@	.04	"	.48
7	3/4" " "	@	.06	"	.42
					973.03

8	1½	PAINT BRUSHES	@	.18	EACH 1.44
12	4½	HINGE HASPS	@	.50	PER. DOZ. .50
12	6"	" "	@	.65	" " .65
12	3"	Lt. STRAP HINGES.	@	.45	" " .45
12	4"	" "	@	.55	" " .55
12	5"	" " "	@	,65	" " .65
12	4"	HEAVY " "	@	.65	" " .65
12	5"	" " "	@	.85	" " .85
12	6"	" " "	@	1.20	" " 1.20
12	8"	" " "	@	2.00	" " 2.00
12	1¼	A. W. Butts	@	.18	" " .18
12	1½	" " "	@	.21	" " .21
12	1¾	" " "	@	.30	" " .30
12	2"	" " "	@	.32	" " .32
12	2½	" " "	@	.35	" " .35
12	3	" " "	@	.45	" " .45
3#	LAMP BLACK		@	.15	" LB. .45
3	CANS DROP BLACK		@	.20	EACH .60
11#	BORAX		@	.11	PER LB. 1.21
6	FEATHER DUSTERS		@	.50	EACH 3.00
3	12"	HAIR BRUSHES	@	.50	" 1.50
2	6"	" "	@	.50	" 1.00
12	Whitewash	"	@	.85	" 10.20
5	SCRUB BRUSHES		@	.25	" 1.25
1	24"	STILLSON WRENCH JAW	@	.65	" .65
1	18"	" "	@	2.000	" 2.00
6	24"	" "	@	2.25	" 13.50
7	10"	" "	@	1.00	" 7.00
2	8"	" "	@	1.00	" 2.000
8	8"	MONKEY WRENCH	@	.40	" 3.20
1	6"	" "	@	.30	" .30
7	15"	" "	@	1.10	" 7.70
2	21"	" "	@	2.00	" 4.00
6	12"	" "	@	.60	" 3.60
1	MACH. HAMMER		@	.60	" .60
10	PR. WOODEN SHOES		@	.60	PER PR. 6.00
56	#0	LANTERN GLOBES	@	.05	EACH 2.80
6	LARGE LAMP CHIMNEYS		@	.15	" .90
10	#2	" " (LOCOMOTIVE)	@	.05	" .50
6	STEEL OILERS		@	.70	" 4.20
5	HAND OILERS		@	.35	" 1.75
9	CANS NICKEL METAL POLISH		@	.35	" 3.15
6	HORSE BRUSHES		@	1.05	" 6.30
12	CURRY COMBS		@	.15	" 1.80
10	CANS LIQUID GLUE		@	.35	" 3.50
4	STEEL BRUSHES		@	.50	" 2.00
8	WHISK BROOMS		@	.15	" 1.20
32#	RUSSIA IRON		@	.125	PER LB. 4.00
9	HALTER CHAINS		@	.15	EACH 1.35
21	HAMMER HANDLES		@	.05	" 1.05
10	POLE PICK HANDLES		@	.15	" 1.50
64	SLEDGE HANDLES		@	.15	" 9.60
22	SQUARE FORK HANDLES		@	.30	" 6.60
11	LONG " "		@	.15	" 1.65
89	PICK HANDLES		@	.15	" 13.35
34	AX HELVES		@	.30	" 10.20
12	SHOVEL HANDLES		@	.20	" 2.40
12	LONG HANDLES SHOVELS		@	.20	" 2.40
13	2"	HARNESS SNAPS	@	.05	" .65
2	9"	TROWELLS	@	.35	" .70
13	#8	SCOOP SHOVELS	@	.90	" 11.70
4	#3	" "	@	.85	" 3.40
22	SQUARE HDL.	" SQUARE POINT	@	.70	" 15.40
					194.56

40	ROUND POINT D. HDL. SHOVELS	@	.65	EACH	26.00
8	LONG HDL. SQUARE POINT "	@	.70	"	5.60
11	" " ROUND " "	@	.65	"	7.15
30	7" SIDE WALK CLEANERS	@	.35	"	10.50
18	5" " " "	@	.30	"	5.40
42	COAL FORKS	@	2.50	"	105.00
20	14" RAKES	@	.40	"	8.00
1	CAR STARTER	@	4.50	"	4.50
11	MORTAR HOES	@	.50	"	5.50
72	DECK BROOMS	@	.25	"	18.00
11	R. R. BROOMS	@	.30	"	3.30
11	WOODEN PAILS	@	.20	"	2.20
18	GALV. PAILS	@	.25	"	4.50
11	CLIPPER LIFT LANTERNS	@	.45	"	4.95
12	CUP LEATHERS FOR FISHERS GOV.	@	.13 1/3	"	1.60
2	OILERS	@	.80	"	1.60
2	SPOOLS BRASS SPRING WIRE	@	.375	"	.75
1	PR. TIN SHEARS	@	1.10	"	1.10
16	CASTINGS FOR ORE BUGGIE	@	2.00	"	32.00
6	MILK KETTLES	@	1.10	"	6.60
5	COAL BASKETS	@	1.00	"	5.00
4	WHEEL BARROWS	@	1.50	"	6.00
14	ROUND SIEVES	@	.10	"	1.40
2	PIECES ¼ X 24 X 72 SAND SCREEN	@	1.02	"	2.04
2	OIL PUMPS	@	1.25	"	2.50
40#	PURE TIN	@	.18	"	7.20
16#	SOLDER	@	.22	"	3.52
238#	BABBITT	@	.23	"	54.74
15#	6 SLEDGES	@	.065	"	.98
16#	CANDLES	@	.10	"	1.60
23#	14" ROPE	@	.13	"	2.99
323#	1" ROPE	@	.11	"	35.53
453#	1¼" ROPE	@	.11	"	49.83
19#	ASBESTOS SHEET	@	.035	"	.67
12	YALE LOCKS	@	.75	"	9.00
8	B. B. B. LOCKS	@	.20	"	1.60
8	SEWING NEEDLES	@	.02	"	.16
5	4" SIGHT GLASSES	@	1.50	"	7.50
11	2¼" GREASE CUP GLASSES	@	.15	"	1.65
3	2" " " "	@	.10	"	.30
1	3" " " "	@	.26	"	.26
12	½ X 16 GUAGE "	@	.10	"	1.20
30	½ X 14 " "	@	.10	"	3.00
48	⅝ X 16 " "	@	.10	"	4.80
18	⅝ X 14 " "	@	.10	"	1.80
56	¾ X 20 " "	@	.15	"	8.40
1	GROSS ½" " GLASS GASKETS	@	2.10	PER GRO.	2.10
78	⅝ " " "	@	.0125	EACH	.98
49	¾ " " "	@	.0125	"	.61
12	3" CORK WASHERS	@	.30	PER DOZ.	.30
47	9" HACKSAW	@	.05	EACH	2.35
26	HACKSAW	@	.06	"	1.56
36#	HORSE SHOE NAILS	@	.25	PER LB.	9.00
79#	TOE CALKS	@	.055	" "	4.35
20#	OLIVE TOILET SOAP	@	.13	" "	2.60
57#	AMERICAN SOAP	@	.06	" "	3.42
300#	AMMONIA SOAP	@	.055	" "	16.50
450#	WHITE WASTE	@	.065	" "	29.25
524#	CUP GREASE	@	.05	" "	26.20
25	GAL. IRON OXIDE	@	.86	" GAL.	21.50
200#	WHITE LEAD	@	.07	" LB.	14.00
					602.64

$579.53

107#	DRY YELLOW PAINT	@	.045	PER LB.	4.82
109#	" GREEN "	@	.0775	" "	8.45
76	GALS. BOILED LINSEED OIL	@	.66	" GAL.	50.16
349#	MICA AXLE GREASE	@	.035	" LB.	12.22
40	GALS. LARD OIL	@	.68	" GAL.	27.20
15	" TORCH "	@	.10	" "	1.50
20	" KEROSINE OIL	@	.12	" "	2.40
20	" ENGINE "	@	.21	" "	4.20
10	" CYLINDER "	@	.32	" "	3.20
45	" BLACK "	@	.10	" "	4.50
562#	FLAKED GRAPHITE	@	.1225	" LB.	68.85
5¾#	POTASSIUM CYANIDE	@	.30	" "	1.73
5#	SHELLAC	@	.20	" "	1.00
34#	ROSSEN	@	.10	" "	3.40
10#	CANDLE WICK	@	.20	" "	2.00
9#	ASBESTOS WICK	@	.40	" "	3.60
6 FT.	LACE LEATHER	@	.28	" FT.	1.68
110#	BRASS WIRE	@	.21	" LB.	23.10
10#	WIRE SPRINGS BR.	@	.30	" "	3.00
56#	COPPER WIRE	@	.23	" "	12.88
3¼#	HORSE HAIR	@	.35	" "	1.14
32	6 X 16 LEATHERS FOR BLOWING ENGINE		.50	EACH	16.00
84	1¼ X 7 " " " "		.15	"	12.60
1/2	GRO. CARPENTERS CHALK	@	1.00	PER GRO.	.50
2	BOXES BRASS CHAIN	@	.90	" BOX	1.80
11	1¼ HOSE RINGS	@	.25	EACH	2.75
55	2" HOSE RINGS	@	.18	"	9.90
12	1¼ " CLAMPS	@	.15	"	1.80
12	¾ " "	@	.10	"	1.20
1	GRO. 1 X 12 WOOD SCREW	@	.15	PER GRO.	.15
5#	TACKS	@	.10	" LB.	.50
½	GRO. 1¼ X 16 NICKEL PLATE SCREW	@	1.10	" GRO.	.83
¾	" 2 X 16 " " "	@	1.40	" "	1.05
¾	" 1 X 8 WOOD SCREW	@	.10	" "	.08
½	" ROUND HEAD BLUE SCREWS	@	.50	" "	.25
¼	" 1¼ X 12 WOOD SCREWS	@	.25	" "	.06
½	" ¾ X 8 MACHINE "	@	.20	" "	.10
¾	" ⅝ X 8 " "	@	.20	" "	.15
½	" 1 X 10 WOOD SCREW	@	.12	" "	.06
1	" ¾ X 7 " "	@	.10	" "	.10
1	" ¾ X 8 " "	@	.10	" "	.10
7#	EMORY DUST	@	.10	" LB.	.70
22	2" HOSE CLAMPS	@	.25	EACH	5.50
10#	SASH CORD	@	.21	PER LB.	2.10
5#	KEY SOCKETS	@	.20	EACH	1.00
20#	WALL SOCKETS	@	.25	"	5.00
14	EXTENSION PLUGS	@	.20	"	2.80
4	ROSSETTES	@	.15	"	.60
19	FUSE PLUGS	@	.05	"	.95
52	DURGAN CLEATS	@	.02	"	1.04
14	LAMP GUARDS	@	.10	"	1.40
3	SET ARCH MACHINE BRUSHES	@	.45	PER SET	1.35
1	SMALL DOUBLE SWITCH	@	.25	"	.25
1	BABY SWITCH	@	.20	"	.20
1	50A. 110V. SWITCH	@	1.00	"	1.00
15	CIRCUIT BRAKES	@	.25	"	3.75
2500	FT.#14 OKONITE WIRE	@	.015	PER FT	37.50
1000	FT. OKONITE DROP CORD	@	.01	" "	1.00
2173	CARBONS	@	.0125	"	27.16
318	LAMPS	@	.20	"	63.60
54	5/16 X ⅜ X 4 CLAY TUBES	@	.08	"	4.32
8	8 X ¾ X ⅜ " "	@	.38	"	3.04
6	½" X 12 " "	@	.45	"	2.70
					466.97

$579.53

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8#	WIRE SOLDER	@	.25	PER LB.	2.00
50	KNOB CLEATS	@	.02	EACH	1.00
2	THUMB SWITCHES	@	.15	"	.30
1	CAN SMOOTH ON	@	.45	"	.45
1015	SPLIT COTTER PINS	@	.15	PER C	1.52
1	STEP LADDER	@	.75	EACH	.75
1	RETORT DOOR	@	64.50	"	64.50
1	STILL	@	145.00	"	145.00
1	CONDENSER (STILL)	@	495.00	"	495.00
1	EXTRA BELL & HOPPER	@	198.00	"	198.00
5	TONS BLACKSMITH COAL	@	4.75	PER TON	23.75
1	TOWER COUPLER	@	16.75	EACH	16.75
50	FT. ¾ 4 PLY PEERLESS ST. HOSE	@	.415	PER FT	20.75
50	FT. 1"5 PLY GIANT WATER "	@	.35	" "	17.50
50	FT. 1½5 PLY " " "	@	.51	" "	25.50
5	CENTER REAMERS	@	.35	EACH	1.75
1	U. S. SCALES, WITH SCOOP	@	1.25	"	1.25
100	1 LEATHER WASHERS	@	.30	PER C	.30
100	42 " "	@	.40	" "	.40
100	14 " "	@	.30	" "	.30
100	68 " "	@	.40	" "	.40
100	28 LEATHER WASHERS	@	.30	" "	.30
100	94 " "	@	.50	" "	.50
100	67 " "	@	.40	" "	.40
100	121 " "	@	.50	" "	.50
3 PR.	CAST IRON TENDER WHEELS	@	24.00	EACH	72.00
1000	FT. ROUGH PINE BOARDS	@	22.00	PER M	22.00
768	12 X 12 X 16 PINE TIMBERS	@	20.00	" "	15.36
1000	FT. 2" BATTENS	@	70.00	" "	70.00
1600	FT. MAPLE LUMBER	@	18.00	" "	28.80
3	12 X 6 IRON PULLEYS	@	.85	EACH	2.55
1	14 X 11 " "	@	1.48	"	1.48
1	12 X 8 " "	@	1.00	"	1.00
1	19 X 9 " "	@	1.60	"	1.60
1	46 X 14 WOOD "	@	4.00	"	4.00
1	35 X 10 IRON "	@	4.50	"	4.50
1	35 X 6 " "	@	2.50	"	2.50
1	48 X 8 " "	@	6.00	"	6.00
1	20 X 9 " "	@	1.75	"	1.75
2	12 X 9 " "	@	1.10	"	2.20
1	30 X 10 " "	@	2.00	"	2.00
1	30 X 3 " "	@	1.00	"	1.00
1	26 X 6 " "	@	1.90	"	1.90
1	10 X 3 " "	@	.50	"	.50
1	12 X 4 " "	@	.75	"	.75
1	20 X 6 " "	@	1.35	"	1.35
1	24 X 5 " "	@	1.50	"	1.50
1	BRONZE PISTON ROD	@	12.50	"	12.50
50610#	HAY	@	13.00	PER TON	328.97
362	BUSHELS OATS	@	.41	" BU.	148.42
41	CARS SAND	@	12.25	EACH	502.25
40	LOADS CASTING NOTCH CLAY	@	2.00	"	80.00
26800#	YOUGH LUMP COAL	@	3.40	PER LB.	45.56
					2381.31

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$579.53

RECAPITULATION OF FURNACE SUPPLIES

SHEET # 1	1226.94
SHEET # 2	2942.70
SHEET # 3	82.72
SHEET # 4	64.14
SHEET # 5	138.96
SHEET # 6	230.51
SHEET # 7	663.17
SHEET # 8	87.79
SHEET # 9	266.53
SHEET # 10	674.48
SHEET # 11	63.96
SHEET # 12	973.03
SHEET # 13	194.56
SHEET # 14	602.64
SHEET # 15	466.97
SHEET # 16	2381.31
Total Furnace Supplies	$ 11060.41

CHEMICAL SUPPLIES

204#	SEWING TWINE	@	.17	PER LB.	34.68
21500	SACKS	@	.073	EACH	1569.50
275	ALCAHOL BARRELS	@	1.51	"	415.25
6	BBLS. BUNGS	@	5.61	"	33.46
150	MTY. CARBOYS	@	1.50	"	225.00
10824#	MURIATIC ACID	@	.0175	PER LB.	189.42
1080#	GLUE	@	.135	" "	145.80
2094#	CHLORIDE OF LIME	@	2.25	" C	47.12
E 8	CARS 327400# CHEMICAL LIME	@	.41	" "	1375.08
1	CARBOY NITRIC ACID				5.81
1	CARBOY SULPHURIC ACID				3.41
320#	COTTON BATTS	@	.04	EACH	12.80
			Total		4057.33

E

CAR NO.	NO. LBS.
7450	45600
5732	38900
9114	41000
7604	41100
8552	41100
14764	38900
1552	40500
7618	40300
	327400#

MATHEWS BARN SUPPLIES

57546	LBS. HAY				347.40
345	BUSHELS OATS	@	.45	PER BU.	155.25
			Total		502.65

PARSONS RY. SUPPLIES

25#	WASTE	@	.075	PER	LB.	1.87
52	GALS. CYL. OIL	@	.32	"	GAL.	16.64
8½	GALS. BLACK OIL	@	.12	"	"	1.02
35	GALS. KEROSENE OIL	@	.125	"	"	4.37
4	GALS. SIGNAL OIL	@	.25	"	"	1.00
56	TONS POCAHONTAS COAL	@	3.75	"	TON	210.00
1	STEEL GEAR RIM					30.00
1	PINION					14.00
1	SLEEVE COUPLING					25.00
1	SQUARE SHAFT					14.50
			Total			318.40

RETORT SUPPLIES

10057895#	POCAHONTAS COAL	@	3.095	PER TON	15,565.62
5352475#	RETORT SCREENING	@	2.877	" "	7,698.26
			Total		$ 23,263.88

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$579.53

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L A B O R A T O R Y S U P P L I E S

1	LB.AMMONIUM CHLORID	.40
4	" " ACETATE	4.40
1	" " OXALATE	.75
1	" " SULFITE	.35
1	" " FERROUS SULFATE	.50
1	" " MOLYBDATE	1.60
½	" " SULFATE	.20
50	" "	4.75
½	" SODIUM NITRATE	.20
1	" " ACETATE	.35
1	" " HYPOSULFITE	.10
1	" " PHOSPHATE	.30
1	" " BICARBONATE	.25
1	" " BISULFITE	.50
1	" SODA LIME	.15
2	" CALCIUM CHLORID	.60
1	" " CARBONATE	.30
1	" POTASSIUM SULFID	1.10
1	" " ACID SULFATE	.60
1/6	" " FERROCYANID	.10
1/6	" " SULFOCYANID	.10
1	" " CYANIDE	1.00
1	" " NITRATE	.30
2	" " CHLORATE	1.00
1	" " PERMANGANATE	1.00
1	" " DICHROMATE	.50
4	" " HYDRATE	2.80
½	" " IODIDE	2.00
5	" MANGANESE DIOXID	.75
1	" " SULFATE	.60
½	" MAGNESIUM CHLORID	.35
1	" BARIUM "	.25
1	" " HYDRATE	1.50
3	" FERROUS SULFATE	.75
3	" ETHER	2.70
½	" CHLOROFORM	.75
3	" PHOSPHORIC ACID	1.00
½	" LITMUS	1.10
1	" STANNOUS CHLORID	.50
1	" HYDROFLUORIC ACID	.75
1	" OXALIC ACID	.50
1	" MICROCOSMIC SALT	1.00
¼	" STARCH	.05
1	" PEROXID OF LEAD	1.00
1	" ZINC OXID	.50
	FORWARD----------$	40.25

$579.53

LABORATORY SUPPLIES CONTINUED

		AMOUNT BROUGHT FORWARD	$ 40.25
40	LB.	COPPER & POTASSIUM CHLORID	20.00
7	"	CHROMIC ACID	5.60
7	"	MOLYBDIC ACID	13.00
½	"	ZINC CHLORID	.25
1	"	IODIN	4.00
1	"	MERCURIC CHLORID	1.50
½	OZ	METHYL ORANGE	.40
½	"	PHENOLPHTHALEIN	.50
¼	LB.	IRON WIRE	.40
1	"	ACETONE	.50
3	"	ASBESTOS	3.00
1	"	YELLOW PHOSPHOROUS	1.25
1	"	RED "	2.25
1	"	ARSENIOUS ACID	1.00
1	"	CADMIUM CHLORIDE	2.50
2	"	POWDERED ZINC	1.20
4	"	GRANULATED ZINC	1.60
4	"	ACETIC ACID	1.20
4	"	CARBON BISULFID	2.00
¼	"	CITRIC ACID	.25
¼	"	TARTARIC ACID	.45
1	"	BENZOIC ACID	2.50
1/5	"	HYDRIODIC ACID	1.50
¼	"	TANNIC "	1.20
1	"	GRANULATED TIN	1.00
½	"	COPPER SULFATE	.10
¾	"	" OXID	.75
⅓	"	SILVER NITRATE	1.50
1/16	"	COBALTIC "	.30
220	"	SULFURIC ACID	16.50
120	"	HYDROCHLORIC ACID	12.75
160	"	NITRIC ACID	15.20
1	"	CARBOLIC ACID	.40
1	"	GLYCERINE	.50
1	"	SALICYLIC ACID	1.00
1	GAL.	C. P. ALCAHOL	1.50
		TOTAL.....	159.80
		LESS 25% DISCOUNT.....	39.95
		NET..... $	119.85

20

$579.53

LABORATORY EQUIPMENT

1	BECKER BALANCE & WEIGHTS	50.00
1	PULP BALANCE & WEIGHTS	20.00
1	WESTPHAL " " "	15.00
1	COMMON " " "	5.00
4	COPPER STILLS	35.00
4	" STEAM BATHS	3.75
2	" AIR BATHS	9.75
2	DRYING OVENS	9.75
1	GALVANIZED IRON STEAM BATH	2.00
5	FUNNEL RACKS	1.25
2	ASPIRATOR JARS	7.00
1	IRON CONDENSER	1.50
1	SUCTION PUMP	1.00
1	GASOLINE STOVE	3.00
1	" "	5.00
1	" TANK & PUMP	5.00
2	HOSKINS FURNACES	18.00
13	CARBOYS	22.00
3	KIPP GENERATORS	9.00
1	BURETTE STAND	1.70
12	POTASH BULBS	12.00
9	THERMOMETERS	18.00
1	SET HYDROMETERS	5.00
1	SET CORK BORERS	.90
1	CORK BORER SHARPENER	.75
5	PAILS	.75
7	NIPPER TAPS	.35
2	BATTERIES	1.00
1	GRANITE WARE PAN	.25
2	ALKALIMETERS	4.00
4	THISTLE TUBES	.60
8	BURETTE CLAMPS	4.00
15	GLASS RODS	.75
1	POLICEMAN	.25
1	CHAMOIS SKIN	.25
3	5 GALLON CANS	1.50
3	CARBON TUBES	2.25
2	ALCOHOL LAMPS	1.50
7	IRON STANDS & RINGS	1.75
6	JUGS	.90
1	ANVIL	.60
65	REAGENT BOTTLES	16.00
2	DESSICATORS	2.50
2	SETS PORCELAIN RINGS	1.80
7	CONDENSERS	3.50
	FORWARD.....	$ 305.85

$579.53

LABORATORY EQUIPMENT CONTINUED

	FORWARD	305.85
5	GLASS RETORTS	2.50
6	ADAPTERS	1.80
21	CYLINDERS	12.60
4	FRACTIONAL COLUMNS	2.00
20	SEPERATORY FUNNELS	24.00
1	IRON STILL	3.00
8	DISTILLATION FLASKS	2.00
10	SULFURIC ACID TUBES	1.50
800	SHEETS FILTER PAPER	6.25
12	FEET TIN PIPE	.90
34	TEST TUBES	.68
1	GASOLINE CAN	.25
1	SPECIFIC GRAVITY BOTTLE	2.00
1	ALUMINUM SCOOP & COUNTERPOISE	1.25
5	BEAKER CLAMPS	1.00
1	CROCK	.20
1	TEST TUBE RACK	.25
20	EVAPORATING DISHES	4.00
1	SULFUR APPARATUS	4.00
1	ACETATE "	11.75
4	TRIPODS	1.00
6	PIPETTES	.50
6	COPPER BOXES	.90
85	WATCH GLASSES	11.90
1	FILTER BASKET	.50
5	PRECIPITATING JARS	9.00
1	HAT PLATE	1.50
2	RUBBER TUBING	3.50
2	" CORKS	4.00
4	GLASS TUBING	1.75
2	PAIR PLYERS	.50
1	DIAMOND MORTER	5.80
1	MALLET	.50
1	MONKEY WRENCH	.50
2	CRUCIBLE TONGS	1.00
50	FUNNELS	7.50
12	GRADUATED CYLINDERS	6.00
50	FLASKS	15.00
1	GAS TONGS	.75
1	SPATULA	.25
1	PORCELAIN MORTER & PESTLE	.80
2	AGATE " " "	13.00
3	BRUSHES	.30
1	MAGNET	.85
	FORWARD	$ 474.48

22

$579.53

LABORATORY EQUIPMENT CONTINUED

	FORWARD.....	474.48
65	BEAKERS	8.45
1	SET SEIVES	5.00
6	LARGE PRECIPITATING JARS	1.50
4	SMALL PRECIPITATING JARS	1.00
137	ODD BOTTLES	8.90
2	HOSKINS BURNERS	10.80
119	SAMPLE BOTTLES	8.20
½	LB. COTTON	.25
1	DOZ. CLAY CRUCIBLES	3.00
6	" CUPELS	3.00
1	BOX LABELS	.15
1	DESK	5.50
5	CHAIRS	12.00
1	INK WELL	.75
1	SCRATCHER	.50
1	WASTE BASKET	.25
1	DUSTER	.50
2	SCRUB BRUSHES	.50
1	DUST PAN	.10
1	GASOLINE LAMP	2.00
1	HOSKINS "	5.00
1	PUMP	3.00
5	ALCAHOLMETERS	6.10
	TOTAL	$560.93
LESS 15% DEPRECIATION IN '98	84.14	
" " " " '99	84.14	
" " " " '00	84.14	
" " " " '01	84.14	336.56
	NET	$224.37

23

$579.53

24/5

E Q U I P M E N T

OFFICE FURNITURE & FIXTURES

1	SQUARE DESK		$25.00
1	HIGH DESK		15.00
1	TYPEWRITER DESK		8.40
1	ROLL TOP DESK		24.00
1	SHIPPERS DESK		11.60
1	CHAIR		5.00
3	OFFICE CHAIRS		3.00
1	STOOL		1.50
1	HIGH STOOL, WITH BACK		2.00
1	REVOLVING CHAIR NO.411	(MANAGER'S)	11.16
1	" " NO.411	(")	11.70
3	OFFICE CHAIRS	(")	28.80
1	STENOGRAPHER'S CHAIR		6.60
1	PRESS & STAND		27.00
1	DRAFTING TABLE		2.00
1	LEVELLING TABLE ROD		13.00
4	WASTE PAPER BASKETS		.50
4	WIRE LETTER BASKETS		1.50
2	WICKER LETTER "		.25
1	TIME LOCK SAFE		275.00
1	RAPID FILING CABINET & BASE		47.50
48	TRANSFER CASES & FILING INDEXES		18.90
1	NO. 4 SMITH PREMIER TYPEWRITER, WITH TABULATOR		149.00
1	LARGE COUNTER 15' X 2½' X 3'		45.00
1	RAPID ROLLER COPIER		35.00
1	LIGHTNING CHECK PUNCH		18.00
1	CHALLENGE EYELET MACHINE		3.00
1	HAND LEVEL		18.00
1	U. S. POSTAL SCALE		2.50
1	18" FLEXIBLE RULER		.50
1	DRAWING PEN		.50
1	SMITH & WESTON HAMMERLESS REVOLVER		5.00
4	STEEL ERASERS		1.75
4	SPONGE DISHES		.20
6	INK WELLS		.90
2	PEN RACKS		.05
1	PR. SHEARS		.50
2	GLASS PAPER WEIGHTS		.10
1	WHISK BROOM		.35
9	CURTAINS		11.42
2	SMALL RUGS		1.00
1	LARGE RUG		3.30
1	BRASS TOWEL RACK		.10
1	RAND McNALLY ATLAS		1.00
1	HAIR BRUSH & COMB		.15
		Total.....	$836.63

Net balance Nov. 30th 1900		508.70
15% Depreciation in 1901		125.50
Net balance Nov. 30th 1901	$	383.20

508 70

24

$579.53

E Q U I P M E N T

MACHINE SHOP MACHINERY

1	42' X 20 NEW HAVEN LATHE	$420.00
1	4" JACK CHUCK	
1	LARGE FACE PLATE	
1	SMALL " "	
1	STEADY REST	
1	FOLLOWING REST	
1	SLIDE REST	
1	BORING BAR	
1	Set Gears	
1	CRANE	
1	TON CHAIN BLACK	
1	FRICTION COUNTER SHAFT	
	66-½ lbs. TOOLS	
1	SET BELTS	
1	SCHUMACHER & BOYE LATHE 26" X 14	705.00
1	LARGE FACE PLATE	
1	SMALL FACE PLATE	
1	4" JAW CHUCK	
1	STEADY REST	
1	FOLLOWING REST	
1	EXTRA SLIDE REST	
1	SET GEAR	
1	FRICTION COUNTER SHAFT	
1	SET BELTS	
	57 Lbs. TOOLS	
	COMPLETE SET BELTS FOR ALL TOOLS	218.70
1	FLATHER & CO LATHE 18 X 6	75.00
1	LARGE FACE PLATE	
1	SMALL FACE PLATE	
1	4" JAW CHUCK	
1	SMALL 3" JAW CHUCK	
1	LITTLE GIANT DRILL CHUCK	
1	SET GEARS	
1	FOLLOWING REST	
1	STEADY REST	
1	FRICTION COUNTER SHAFT	
1	SET BELTS	
	17½ Lbs. TOOLS	
1	FLATHER & CO LATHE 14" X 40	215.00
1	LARGE FACE PLATE	
1	SMALL " "	
1	4" JAW CHUCK	
1	LITTLE GIANT DRILL	
1	STEADY REST	
1	FOLLOWING REST	
1	FRICTION COUNTER SHAFT	
1	SET BELTS	
	23 Lbs. TOOLS	
		$1633.70

25

$579.53

MACHINE SHOP EQUIPMENT CONTINUED

1	WOODWARD & POWELL PLANER 27 X 27 X 8	$832.00
1	CHUCK	
1	COUNTER SHAFT	
1	SET BELTS	
	94 Lbs. TOOLS	
1	DRESSER MILLER & CO RADICAL DRILL #30"	395.35
1	SET TWIST DRILLS 1/16, 1/2 to 2"	
1	COUNTER SHAFT	
1	SET BELTS	
1	LITTLE GIANT DRILL CHUCK	
1	BARN'S 16" DRILL PRESS	78.50
1	SET TWIST DRILLS by 1/64 1/16" to 1/2"	
1	LITTLE GIANT DRILL CHUCK	
1	COUNTER SHAFT	
1	SET BELTS	
1	SMITH & MILLS 15" SHAPER	212.45
1	CHUCK	
1	COUNTER SHAFT	
1	SET BELTS	
	13 Lbs. TOOLS	
1	NO. 12 GARVIN MILLING MACHINE	265.80
1	PAIR SENDERS	
1	CHUCK	
1	ARBOR	
25	MILLING CUTTERS	
1	COUNTER SHAFT	
1	SET BELTS	
1	SAUNDERS & SON PIPE CUTTER 6"	75.00
1	SET OPEN PIPE DIES 1-1/4" to 6" inclusive	
1	COUNTER SHAFT	
1	SET BELTS	
1	NO. 3 MERIAM BOLT CUTTER	75.00
1	SET CHASERS FROM ½" to 2"	
1	SET TAPS FROM ½" TO 2"	
1	COUNTER SHAFT	
1	SET BELTS	
1	DAVIS KEY SETTER NUMBER ONE	160.75
12	CUTTERS	
1	COUNTER SHAFT	
1	SET BELTS	
1	POWER HACK SAW NO. 10	6.88
1	SET BELTS	
1	CHALLENGE GRINDER NO. 4	5.00
1	EMERY WHEEL	
1	FELT WHEEL	
1	POLISHING WHEEL	
1	COUNTER SHAFT	
1	SET BELTS	
		$ 2106.73

26

$579.53

MACHINE SHOP EQUIPMENT CONTINUED

1	YANKEE TWIST DRILL DRINDER	$65.00
1	SET BELTS	
1	MAIN SHAFT 85 FT.	160.32
	22 PULLEYS	
	8 HANGERS	
1	NEW YORK SAFETY ENGINE 5" X 6"	50.00
1	MAIN BELT	
1	400# Fairbanks Scale No. 11½	15.60
1	NO. 50 Sprongfield Straightening Machine	27.50
1	Hill Vale FACING MACHINE	20.25
1	OVERHEAD TROLLEY	15.00
1	TWO TON CHAIN BLOCK	5.00
1	SET HAND TAPS ¼ X 1"	15.00
5	ARMSTRONG TOOLS	5.00
1	NO. 18 VICE	5.00
1	NO. 20 VICE	4.00
1	NO. 3 VICE	4.00
1	HaND SAW	.50
1	NO 2 BRASS PIPE WRENCH	4.00
1	NO.1 " " "	3.70
1	CYCLONE BOX OPENER	.50
1	NO. 1 TAPWRENCH	1.00
1	NO 75 TAP WRENCH	1.00
1	SET PIPE TAPS ⅛ TO 2½	15.00
3	Hatchetts	6.00
1	SET CARPENTER'S BITS ¼ TO 1"	1.00
2	EXTENSION BITS	1.50
1	SET MOUND SCRAPERS	1.00
1	FOLDING MZCHINE	9.25
1	Pr. ROLLERS	10.00
1	TURNING MACHINE STOW'S	9.82
1	WIRING MACHINE "	9.14
1	DOUBLE REAMER	6.00
1	CHAMPION FORGE #40 1½	15.00
1	SCREW PUNCH ⅜ TO ¾	10.65
1	RIVETING HAMMER	.50
1	4" ROLLER FLUE EXPANDER	2.00
1	2" ROLLER FLUE EXPANDER	2.00
1	WhiteWASH MACHINE	25.00
1	SET LECOUNT LATHE DOGS	2.50
22	HAND SCREWS	2.20
1	COPPER PIPE EXPANDER	2.00
3	TURBAN FLUE CLEANERS	30.00
1	BEADING TOOL	.10
1	RATCHETT BRACE	.50
1	ADDJ. DIE STOCK & T&PS ¼ TO ½	2.00
1	SET STEEL ALPHABET STAMPS	1.00
1	SET STEEL NUMBERS	1.00
2	24" STILSON WRENCHES	1.00
2	18" " "	1.00
2	12" " "	.50
2	4 FT. CHAIN TONGS	2.00
2	4 FT. NO. 13½ VULCAN	2.00
2	4 FT. COMMON CHAIN TONGS	1.00
1	6 FT. " " "	1.00
1	24" " " "	1.00
1	NO. 2 PIPE CUTTER	1.00
1	NO. 1 " "	.50
1	NO. 0 OSTER PIPE DIES ⅛ TO ½	1.00
		$579.53

MACHINE SHOP EQUIPMENT CONTINUED

1	# 1½ OSTER PIPE DIES ¼ TO 1"	$ 2.00
1	#3 OSTER PIPE DIES 1 TO 2"	3.00
1	#6 " " " 2½ TO 4"	4.00
1	#5 PHOENIX HOWE PIPE VICE	1.00
1	FRED MACY ROLL TOP DESK	34.80
1	REVOLVING CHAIR	7.75
1	PAIR BACHELDER INDICATORS	90.00
1	IDEAL REDUCING WHEELS	10.00
1	UNIVERSAL "T" SQUARE	2.50
1	PR. SHEARS	.50
1	INK STAND	.25
4	FILING CASES	1.00
1	DUSTER	.25
1	WHISK BROOM	.25
1	MIRROR	2.00
1	PLANETARY PENCIL SHARPENER	3.50
1	TAPE	.50
2	SHANNON BILL FILES	.70
1	STEEL ERASER	.50
1	DOZ. BLUE PRINT CLASPS	.60
2	DOOR MATS	1.00
1	REVOLUTION COUNTER	2.00
1	FIG. 72 A SEPARATING CALORIMETER	45.00
1	9½" WESTINGHOUSE AIR PUMP	100.00
1	PUMP GOVERNOR	15.00
1	MAIN RESERVOIR 20½ X 72	22.33
1	FIG. 12 PORTABLE TACHOMETER	60.00
1	9" CLEVELAND AIR HAMMER # 8347	159.40
1	3" " " " # 3038	80.00
1	1¾ " " " # 2049	75.00
1	# 2 LITTLE GIANT AIR DRILL	125.00
1	# 3 " " " "	100.00
1	# 11 " " " "	125.00
1	½ TON CHAIN BLOCK	11.00
1	1¼" TUBE EXPANDER	9.00
1	CROSBY GAGE TESTER	50.00
	Total Sheet No.	1144.83
	Total Sheet No.	1633.70
	Total Sheet No.	2106.73
	Total Sheet No.	579.53
	Total.....$	5465.79

Depreciation	15%	'98	280.47	
"	15%	'99	283.26	
"	15%	'00	2465.13	
"	15% OLD STOCK	'01	357.00	
"	25% NEW STOCK	'01	244.18	3630.04
	NET BALANCE NOV. 30th, 1901			$ 1834.75

1 PRESCOTT CONDENSER

E Q U I P M E N T

BLACKSMITH SHOP MACHINERY.

1	NO. 313 BEMENT & SON STEAM HAMMER	$685.22
1	ANVIL	41.00
1	SMALL ANVIL	
1	RIVET CUTTER	
1	PR. BELLOWS	
1	LARGE VICE	
36	SHAPING TOOLS	
40	CUTTER PINCHERS & CHISELS	
1	NO. 16 SLEDGES	
2	NO. 8 SLEDGES	
1	NO. 6 SLEDGE	
34	PR TONGS	
1	HAND BOLT HEADER $\frac{3}{8}$ X $1\frac{1}{4}$ HEADING TOOLS	
1	SET $\frac{1}{4}$ X $\frac{1}{2}$ X 1/16 HAND DIES	
1	SET $\frac{3}{8}$ X 1 X $\frac{1}{8}$ " "	
1	300# SLEDGE BLOCK	
1	NO. 12 MANDLE	
1	NO. 2 BILLINGS CLAMP	
1	NO. 1 " "	
1	EACH $\frac{3}{4}$ TO $\frac{1}{4}$ SOLID WRENCHES	
1	SET COLD CHISELS	
2	SURFACE PLATES	
4	CALKING IRONS	
2	REAMERS	
		$ 726.22

LESS 15% DEPRECIATION IN '98	$ 108.91	
LESS 15% " " '99	108.91	
LESS 15% " " '00	108.91	
LESS 15% " " '01	108.91	435.64
NET BALANCE NOVEMBER 30th 1901		290.58

1 PRESCOTT CONDENSER

E Q U I P M E N T

CARTS, WAGONS AND HORSES

1	TEAM BLACK MARES "MAUD" & "MARY"	$ 238.50
1	TEAM, BAY, "NELL" & "MAGGIE"	243.90
1	GRAY HORSE, "CHARLEY"	45.00
1	BLACK HORSE "FRANK"	200.00
1	SORREL HORSE "DAN"	78.75
1	IRON GRAY MARE "MAUD"	145.00
1	BAY HORSE"CAPTAIN"	175.00
1	BAY HORSE "KING"	150.00
1	IRON GRAY CINDER MARE "LID"	225.00
1	TOP ROAD WAGON	22.50
1	BUGGY	46.80
1	NO. 50 WAGON CANOPY TOP	124.63
1	NO. 11 RUBBER TIRE TOP BUGGY	142.00
1	SET D. TEAM HARNESS	34.20
1	SET LIGHT SINGLE HARNESS	9.00
1	SET LIGHT DOUBLE HARNESS	22.50
1	SINGLE HARNESS	34.20
1	S. R. O. R. SINGLE HARNESS	21.99
1	PORTLAND CUTTER	31.50
1	JUMP SEAT CUTTER	31.40
1	DOUBLE SLEIGH	34.30
1	NO. 5 SLEIGH	36.00
1	NEW LUMBER WAGON	53.00
1	LUMBER WAGON	36.00
4	CINDER DUMP CARTS	166.49
1	CINDER DUMP CART	66.07
1	BRAIZE CART	21.74
5	CART SADDLES & BREECHING	15.30
5	BUFFALO ROBES	49.50
1	LAP ROBE	1.12
2	CUSHIONS	35.20
2	LIGHT POLES	1.80
1	LIGHT NECK YOKE	.45
		$ 2538.84

Net balance November 30th 1900		1699.81
Additions 1901		266.07
		1965.88
25% depreciation & losses 1901		764.43
Net balance Nov. 30th 1901		1201.45

Depreciation 25% 1901	634.71
Bay mare "Kate" dead	69.30
Top surrey worn out	35.67
1 Express wagon worn out	9.90
1 Chore wagon worn out	14.85
Total.....	$ 764.43

CHARCOAL CARS

CLASS A 34 FT.	CLASS B 33 FT.	CLASS C 32FT.
NO. 101	NO. 112	NO. 113
102	116	114
103	117	115
104	119	118
105	120	126
106	121	130
107	122	131
108	124	133
109	125	134
110	127	135
111	128	136
	129	137
	132	138
11 CARS	13 CARS	13 CARS

38 Cars @ $143.18 each		$ 5440.96
Additions 1900 a/c air brakes and couplers		4807.20
Total cost of 38 cars		10248.16
LESS one #123 destroyed by fire Nov. 30th 1900		226.73
Total cost of 37 cars		10021.43
Less 15% depreciation in '98	816.14	
" 15% " " '99	816.14	
" 15% " " '00	1503.22	
" 15% " " '01	1503.22	4638.72
Net balance Nov. 30th '01		$ 5382.71

38 charcoal cars cost to buy and repair and make ready for service each $ 143.18

Above cars cost to wquip with air brakes and couplers each 126.50

$ 269.68

1 PRESCOTT CONDENSER

E Q U I P M E N T

S C A L E S

1	NO. 1573 6BM CHARGING SCALE		$ 401.43
1	5-TON D. B. M. & F. SCALE		154.00
1	50-FT. PLATFORM R. R. TRACK SCALE (120,000 CAP.)		880.55
1	TRUCK SCALE		1.00
1	5-TON D. B. M. & F. SCALE		113.75
2	400-LB FAIRBANKS SCALES AT MACHINE SHOP		16.90
1	CHARGING SCALE		100.00
1	FAIRBANKS PLATFORM SCALE		146.50
			1823.13
	Less depreciation 15% in '98	104.65	
	" " 15% " '99	251.50	
	" " 15% " '00	251.50	
	" " 15% " '01	273.47	881.12
	Balance Nov. 30th 1901		$ 942.01

T E L E P H O N E S

2	TELEPHONES AT $12.50		25.00
1	LONG DISTANCE TELEPHONE(OFFICE) WORN OUT-NO GOOD		18.00
1	" " BOARD & TRANSMITTER " " " "		8.00
1	EXTENSION BELL (MACHINE SHOP) " " " "		2.75
1	EXTRA EAR PHONE " " " " " "		1.25
			$ 55.00
	Less 15% depreciation in '98	8.25	
	" 15% " " '99	8.25	
	" 15% " " '00	8.25	
	" 55% " " '01	30.25	55.00
	BALANCE NOV. 30th 1901		$ 00.00

O R E B A R R O W S

8	ORE BARROWS		362.97
	Less 15% depreciation in '98	54.45	
	" 15% " " '99	54.45	
	" 15% " " '00	54'45	
	" 15% " " '01	54.45	217.80
	Balance Nov. 30th 1901		$ 145.17

PIG IRON TRUCKS

20	IRON TRUCKS		1313.33
8	" "		375.76
			1689.09
	Less 15% depreciation in '98	197.00	
	" 15% " " '99	221.46	
	" 15% " " .00	221.46	
	" 15% " " '01	221.46	861.38
	Balance Nov. 30th 1901		$ 827.71

1 PRESCOTT CONDENSER

E Q U I P M E N T

CHARCOAL BUGGIES

15 COAL BUGGIES			$530.22
LESS 15 % DEPRECIATION IN '98		$79.53	
" 15% " " '99		79.53	
" 15% " " '00		79.53	
" 15% " " '01		79.53	318.12
			$212.10

CHARCOAL TRAM CARS

2 CHARCOAL PUSH CARS			19.28
LESS 15% DEPRECIATION IN '98		2.89	
" 15% " " '99		2.89	
" 15% " " '00		2.89	
" 15% " " '01		2.89	11.56
			$ 7.72

L A U N C H

1 36-FT NAPTHA LAUNCH, COMPLETE			672.24
LESS 15% DEPRECIATION IN '98		84.17	
" 15% " " '99		100.83	
" 15% " " '00		100.83	
" 150 " " '01		100.83	386.66
			$ 285.58

L O C O M O T I V E

1 13 X 24 28 TON DIXON LOCOMOTIVE			1221.32
1 16 X 24 40 TON BALDWIN "			3043.75
			$ 4265.07
LESS 15% DEPRECIATION IN '98		183.20	
" 15% " " '99		639.76	
" 15% " " '00		639.76	
" 15% " " '01		639.76	2102.48
BALANCE NOVEMBER 30th, 1900			$ 2162.59

K I L N B A R R O W S

6 WOOD BARROWS			88.95
LESS 15% DEPRECIATION IN '98		13.34	
" 15% " " '99		13.34	
" 15% " " '00		13.34	
" 15% " " '01		13.34	53.36
			$ 35.59

1 PRESCOTT CONDENSER

E Q U I P M E N T

PIG IRON LOADERS

7 SLIDES
4 DUMP CARS
28 SHORT PIECES WOODEN TRACK
4 LONG PIECES WOODEN TRACK
3 WOODEN HORSES
1 SWITCH
1 DUMP

Total		368.29
Less 15% DEPRECIATION IN 98	55,24	
" " " " '99	55.24	
" " " " '00	55.24	
" " " " '01	55.24	220.96
Balance Nov. 30th, 1901		147.33

SCOW

1 8 X 15 FLAT BOTTOM SCOW		14.52
Less 15% Depreciation in '98	2.18	
" " " " '99	2.18	
" " " " '00	2.18	
" " " " '01	2.18	8.72
Balance Nov. 30th, 1901		5.80

TESTING MACHINE

1 50,000 TESTING MACHINE, AUTO WITH SCREW DIAL BEAM
1 COMPLETE SET DIES
1 COUNTER SHAFT
1 SET BELTS

		719.80
Less 15% Depreciation in '98	107.97	
" " " " '99	107.97	
" " " " '00	107.97	
" " " " '01	107.97	431.88
Balance Nov. 30th, 1901		287.92

BROWN PYROMETER

1 BROWN PYROMETER		62.00
Less 15% depreciation in '99	9.30	
" " " " '00	9.30	
" " " " .01	9.30	27.90
Balance Nov. 30th, 1901		34.10

1 PRESCOTT CONDENSER

MATHEWS BARN EQUIPMENT

4	HANSON WAGONS @ $72.81	291.24
2	SET WHIFFLE TREES & NECK YOKES @ $4.00	8.00
8	HALTERS & ROPES	9.00
4	SET OPEN CHECKS	6.00
1	#22 COLLAR	3,75
6	SETS DOUBLE HEAVY HARNESS	287.70
1	WAGON WATER TANK & WOOD PUMP	37.72
1	BAY HORSE "BILL"	185.00
1	GRAY HORSE "TOM"	180.00
1	BLACK HORSE "BARNEY"	185.00
1	CHESTNUT COLT "CUB"	200.00
1	BIG BAY MARE "FLOSSY"	200.00
1	BROWN HORSE "JIM"	185.00
1	BROWN HORSE "DICK"	190.00
1	BAY MARE "MAGGIE"	195.00
1	BAY HORSE"BILL"	190.00
1	GRAY HORSE "PAT"	200.00
6	#5 C. S. SLEIGHS	255.00
5	CORDWOOD DRAYS & RACKS @ $13.00	65.00
		$ 2873.41

NET BALANCE NOV. 30th, 1900		$ 2743.41
Additions 1901		320.00
		$ 3063.41
DEPRECIATION 1901	$262.50	
1 BLACK HORSE"PAT"DIED	173.37	435.87 +
Net balance Nov. 30th, 1901		$ 2627.54

35

1 PRESCOTT CONDENSER

TOOLS IN GENERAL USE

CHEMICAL PLANT NO. 1

1 SHORT HYDROMETER
2 LONG "
2 SHORT GLASS CYLINDERS
2 LONG " "
2 SHOVELS
4 PAILS
1 BROOM
1 PIPE WRENCH
1 12" MONKEY WRENCH
3 END WRENCHES
2 HOSE WRENCHES
3 CALKING IRONS
2 FUNNELS
3 LENGTHS 50" HOSE
1 GAL PITCHER
1 BOX STENCIL INK
1 TIN THIEF
1 SET NO. 2 STENCIL FIGURES
1 STENCIL
1 2" REAMER
1 HOOP DRIVER
1 #180 BRUSH FOR STENCIL
1 #1 COOPER ADZ
1 NONAGON
2 SACK NEEDLES
1 BRL. FILLER & CONNECTION
1 READING GLUE KETTLE 15 X 20 X 17½
2 HAMMERS
1 SLEDGE HAMMER (LIGHT)
1 CLOCK
1 GAGE ROD
1 CRAB WINCH

CHEMICAL PLANT NO. 2.

2 LENGTHS 2" HOSE (25 FT.)
6 LENGTHS 2" HOSE (50 FT.)
1 GLUE POT
1 DIPPER
1 FUNNELL
5 PAILS
1 BOT. FILLER
1 WHEEL FILLER
1 GAGE ROD
1 BOX STENCIL INK
1 TIN THIEF
1 SET #2 STENCIL FIGURES
1 2" REAMER
1 HOOP DRIVER
1 #180 BRUSH FOR STENCIL
2 SACK NEEDLES
1 DRINKING CUP
1 2 GAL. PITCHER
1 HAMMER
1 CLOCK
2 HOES
2 SHOVELS
3 SHORT HYDROMETERS
1 LONG "
2 SHORT CYLINDERS
1 [illegible]

1 PRESCOTT CONDENSER

TOOLS IN GENERAL USE CONTINUED

ACETATE PLANT NO. 1

2 SCRAPERS
2 RAKES
1 WHEEL BARROW
1 SHORT SHOVEL
2 LONG SHOVELS
4 SCOOP SHOVELS
1 BROOM
1 PAIL
1 LANTERN
2 PLOWS
1 PR. SCALES

ACETATE PLANT NO. 2

2 WHEEL BARROWS
2 RAKES
2 LONG HANDLED SHOVELS
2 SCOOPS
3 PLOWS
2 SCRAPERS
1 PR. SCALES
1 WATER PAIL
1 PICK

RETORT TOOLS

5 SCOOPS
3 SHORT HANDLED SHOVELS
1 IRON WHEEL BARROW
1 WOODEN WHEEL BARROW
2 POKERS
2 SLASH BARS
4 ASH HOES
3 CROWBARS
2 PRYS
3 SLEDGES
1 COAL FORK
2 HAMMERS
1 MONKEY WRENCH
2 COAL CHISELS
2 RAKES
2 BROOMS
2 LANTERNS
1 WATER PAIL
2 TIN PAILS
2 2 GAL OIL CANS
2 1 QT. OIL CANS
1 LENGTH 50 FT. HOSE (STEAM)
2 RETORT SCRAPERS
1 50 FT. LENGTH 1" WATER HOSE
136 FT. 2" WATER HOSE
1 COAL FORK

B A R N

2 FORKS
2 PAILS
1 SHOVEL
2 BRUSHES
2 CURRY COMBS

1 PRESCOTT CONDENSER

TOOLS IN GENERAL USE CONTINUED

COLLIERS SHANTY

1 STOVE
1 SHOVEL
3 MORTOR HOES
6 1-GAL PAILS
2 WHITEWASH BRUSHES

BOTTOM FILLERS & COAL FORKERS

4 PICKS
1 SLEDGE
4 TORCHES
10 SHOVELS
5 COAL FORKS
2 POLE PICKS
4 SCOOP SHOVELS
8 $\frac{3}{4}$" STEEL BARS
1 CAR STARTING BARS

CASTING HOUSE

1 HOOK
1 TORCH
4 SHOVELS
3 $\frac{3}{4}$" BARS
3 $1\frac{1}{4}$" BARS
3 NOTCH HOOKS
30 PIG PATTERNS
1 SOW "
8 HEAVY SLEDGES
2 LIGHT SLEDGES
3 SCOOP SHOVELS
2 CINDER BARROWS
6 $1\frac{1}{2}$" BREAKING BARS

TRACK TOOLS

1 CLAW BAR
1 SPIKE MAUL
3 TAMPING BZRS
1 TRACK GAUGE
1 TRACK JACK COMPLETE
3 SAMPSON CAR PUSHERS
11 JACK SCREWS

CINDER TOOLS

3 BARS
6 SHOVELS
4 COAL FORKS
4 SINGLE PICKS

BLOWING ENGINE HOUSE TOOLS

4 2 Gallon CANS
3 SQUIRT CANS
1 8" MONKEY WRENCH
1 12" MONKEY WRENCH
1 18" KONEY WRENCH
1 STEEL CYLINDER OIL POT
1 OIL FILTER
1 WEIMER BLOWING ENGINE
1 HAMPELL " "

1 PRESCOTT CONDENSER

TOOLS IN GENERAL USE CONTINUED

BLOWING ENGINE TOOLS CONTINUED

2 DUPLEX WORTHING PUMPS 14 X 10 X 14
1 " PRESCOTT PUMP 8 X5 X 10
2 #5 KNOWLES PUMPS
2 #0 FILTER "
1 CROSS OIL FILTER

D Y N A M O

2 2 GALLON CANS
3 SQUIRT CANS
1 GIBBS DYNAMO
1 WESTINGHOUSE DYNAMO
1 WESTERN DYNAMO
1 8" X 12" RUSSELL ENGINE

CRANE HOIST ENGINE

2 2 GAL. CANS
3 SQUIRT CANS
1 STEEL CYLINDER OIL POT
1 PNEUMATIC PYROMETER

L O C O M O T I V E

1 SQUIRT CAN
1 8" MONKEY WRENCH
1 12" MONKEY WRENCH
1 BALDWIN LOCOMOTIVE 16 X 24
1 DIXON LOCOMOTIVE 13 X 32

O R E C R U I S E R

1 BROOM
2 SHOVELS
2 PICKS
2 HAMMERS
1 SCRAPER
1 GATES CRUSHER NO. 3
1 10" X 14" RUSSELL ENGINE

Y A R D T O O L S

5 SCOOPS
3 POINTED SCOOPS
7 LONG HANDLES SHOVELS
5 SHORT POINTED SHOVELS
4 PICKS
4 SLEDGES
1 BIG WRENCH FOR ORE CARS
1 SMALL WRENCH FOR ORE CARS
2 AXES
2 IRON WHEEL BARROWS

CHEMICAL BOILER HOUSE #1

1 8" MONKEY WRENCH
1 12" MONKEY WRENCH
1 21" MONKEY WRENCH
4 2 GAL. CANS
2 SQUIRT CANS

TOOLS IN GENERAL USE CONTINUED

CHEMICAL BOILER HOUSE #2

1 12" MONKEY WRENCH
1 8" MONKEY WRENCH
1 LANTERN
1 2 GAL. CAN
2 HAND OILERS
1 HAMMER
1 SLASH BAR
1 ASH SCRAPER
1 POKER
2 SCRAPERS
2 SCOOP SHOVELS

#1 CHEMICAL PLANT BOILERS

50 FT. LENGTH $\frac{3}{4}$" WATER HOSE
50 FT. $\frac{3}{4}$ STEAM HOSE
50 FT. $\frac{3}{4}$ WATER HOSE

2 CHEMICAL PLANT BOILERS

50 FT. $\frac{3}{4}$ WIRE WOUND HOSE
25 FT. BOILER CLEANER HOSE

F U R N A C E B O I L E R S

50 FT. $\frac{3}{4}$" WIRE WOUND HOSE
50 FT. $\frac{3}{4}$" WIRE WOUND STEAM HOSE
25 FT. BOILER CLEANING HOSE

CHEMICAL PLANT # 1 FIRE PROTECTION

900 FT. 2" HOSE
4 NOZZLES
10 HOSE WRENCHES
1 HOSE CART

CHEMICAL PLANT # 2 FIRE PROTECTION

950 FT. 2" HOSE
4 NOZZLES
8 HOSE WRENCHES
1 HOSE CART

BUILDING AND CONTENTS

F U R N A C E

CORRUGATED IRON	STOCK HOUSE	101' X 102'
" "	CAST "	52' X 112'
" "	BOILER & STOVE HOUSE	69' X 80'
BRICK	ENGINE HOUSE	42' X 42'
"	PUMP HOUSE	25' X 27½'

CHEMICAL PLANT NO. 1

S T I L L H O U S E

1 FRAME BUILDING 57 X 141'
20 SMOKE CONDENSERS
1 LIQUOR COOLER
2 SETTLING TANKS
7 TAR TANKS
4 STORAGE TANKS
13 PRIMARY STILLS WITH CONDENSERS
2 NEUTRALIZING TANKS
4 " LIQUOR & SETTLING TANKS
4 WOODEN FRACTIONAL STILLS EQUIPPED WITH BURCEY PANS
4 STEEL STILLS EQUIPPED WITH COPPER COLUMNS
4 WOODEN STORAGE TANKS, INTERMEDIATE LIQUOR
1 COPPER COLUMN AND STILL
1 STEEL REFINING STILL
4 GALVANIZED TANKS FOR HIGH PROOF AND FINISHED ALCOHOL
1 #4 KNOWLES PUMP

ENGINE HOUSE

1 FRAME BUILDING 66 X 66'
1 PRESCOTT DUPLEX PUMP 14' X 12' X 14' # 241
1 " SPECIAL DUPLEX BRASS PUMP 7 X 4¾ X 8
1 " DUPLEX PUMP 14 X 7 X 14 # 285
1 8 X 10 VERTICAL ENGINE
2 BOILERS 5½ X 16
2 " 5 X 16
1 " 5 X 16
3 42" COPPER FANS IN WOOD CASES
1 WESTINGHOUSE ENGINE 15 H. P.
1 9 X 14 X 14 RUSSELL COMPOUND ENGINE
1 PRESCOTT DUPLEX PUMP 8 X 5 X 10
1 CROSS OIL FILTER

ACETATE PLANT

1 FRAME BUILDING 28 X 90'
1 DRYING FLOOR 70 X 9'
1 DRAINING TANK
1 # 1 PAN 15' X 5½' X 3'
1 # 2 15¼ X 5½ X 2'10"
1 # 3 15' X 5½' X 2'
1 # 4 15' X 5½' X 3'
3 RECTANGULAR SETTLING TANKS

CHEMICAL PLANT NO. 2

PUMP HOUSE

1 BRICK PUMP HOUSE, WOOD ROOF 18' X 22'
1 PRESCOTT COMPOUND DUPLEX PUMP 8" X 16" X 12" X 12"
1 INDEPENDENT CONDENSER & AIR PUMP 5½" X 7" X 8"

BOILER HOUSE

1 GALVANIZED IRON BOILER HOUSE 35' X 57'
4 STIRLING BOILERS & EQUIPMENT
1 8' X 5 X 10" PRESCOTT FEED PUMP
1 10" X 5 X 10 " " "

STILL HOUSE

1 GALVANIZED STILL HOUSE 47' X 96
2 BRONZE PRESCOTT DUPLEX PUMPS 7" X 4¾" X 8
1 6" X 6" VERTICAL ENGINE & SHAFTING & 2- 7' X 12' WOOD MIXER TANKS
3 COPPER PRIMARY STILLS & CONDENSER
1 " TAR " " "
4 IRON FRACTIONAL STILLS & COLUMN & CONDENSERS
2 " RECTIFYING " " " " "
1 " REFINING " " " " "
9 " STORAGE TANKS
11 WOOD STORAGE TANKS

RETORT BUILDING
(ACETATE PLANT NO. 2)

4 ACETATE PANS
4 " STORAGE TANKS (WOOD)

1 GALVANIZED IRON RETORT HOUSE 70' X 163'6"
10 - 26 FT. RETORTS AND CONDENSERS
14 COOLERS
1 STEAM WINCH AND CABLE
726 FT. WOOD TRESTLE
1316 FT. 60# RAIL
618 FT. 20# RAIL
80 RETORT CARS
1 HYDRAULIC LIFT & HOPPER & DUMPING MACHINE

MISCELLANEOUS BUILDINGS

1 BRICK MACHINE SHOP 32' X 85'
1 FRAME BLACKSMITH SHOP 20' X 30'
1 BRICK VENEER LOCOMOTIVE HOUSE 28' X 78'
1 FRAME CAR REPAIR SHOP 24' X 95'
1 " ICE HOUSE 18' X 30'
1 " FIRE CLAY HOUSE 14' X 48'
2 " DOCK SCALE HOUSES 5' X 6' EACH
1 " COLLIER SHANTY & LINE HOUSE 14' X 65'
1 " BARN 30' X 35'
1 " TRACK SCALE HOUSE 6 X 9'
1 " OFFICE BUILDING 36' X 42'
1 8 ROOM COTTAGE
15 DOUBLE TENEMENT HOUSES 5 ROOMS EACH
1 FRAME OIL AND WAREHOUSE 16' X 28'
1 " COAL SHED 12' X 36'
1 " ACETATE STORAGE HOUSE 14' X 96'
1 " SUPPLY HOUSE 14' X 24'
1 " FLOATING BOAT HOUSE 15' X 39'
1 " COAL SHED 12' X 24'
1 " CRUISER ENGINE HOUSE 12' X 16'
1 ACETATE STORAGE HOUSE, WOOD FRAME, GALVANIZED IRON SHEETING 32'X 85'
1 WAREHOUSE WOOD FRAME, GALVANIZED IRON SHEETING, 32' X 85'

DWELLINGS IN GLADSTONE

1 MANAGER'S RESIDENCE (OCCUPYING LOTS 25-26-27-28 IN south shore
1 " BARN (addition block 2)
1 BARN BOSS'S HOUSE Occupying lots 6-7 south shore addition block 2
1 CLERK'S HOUSE OCCUPYING LOTS 23-24 S. S. ADDITION BLOCK 2
1 MASTER MECHANIC'S HOUSE Occupying lot 6, block 24, original plat.
1 BOAT HOUSE 12' X 28', foot Central Ave.

T R A C K S

11754 FT. YARD TRACK,- 60# RAIL
2700 FT. PIG IRON TRACK,- 20# RAIL
720 FT. TRACK BETWEEN KILNS 20# RAIL

T R E S T L E S

1505 FT. ORE TRESTLE
1201 FT. KILN "

SMOKE MAIN

1950 FT. SMOKE MAIN

TELEPHONE LINE

MACHINE SHOP TO MASTER MECHANIC'S RESIDENCE,- 3 MILES INCLUDING BRACKETS, INSULATORS AND POLES

2

I N V E N T O R Y.

CARP RIVER FURNACE DEPARTMENT,

PIONEER IRON COMPANY,

NOV. 30, 1901.

INDEX.

--------X--------

DESCRIPTION OF REAL ESTATE BOUGHT OF CARP RIVER FURNACE COMPANY:

Commencing at the intersection of the easterly line of Lake Street, so-called, in the City of Marquette, County of Marquette and State of Michigan, as now used, with the section line between Sections 26 and 35, Township 48 North, Range 25 West, running thence northwesterly along the easterly line of said Lake Street to its intersection with the westerly line of the right-of-way of the Duluth, South Shore & Atlantic Railway Company; thence southeasterly along the westerly line of said right-of-way to its intersection with the section line between said above named Sections 26 and 35; thence west along said section line to the point of beginning.

Also, that portion of Government Lot numbered one (1) of Section 36, Township 48 N., Range 25 West, not sold to the State of Michigan for a portion of the State Prison site.

Also lots eighty-four (84), eighty-five (85) and eighty-six (86) of Burt & Ely's Addition to the Village (now City) of Marquette; and that part of Sec. 35, Township 48 North, Range 25 West, lying east of Lake Street, as shown in the plat of Burt & Ely's Addition to the Village of Marquette, as now used; and also that part of Section 35, Township 48 N. Range 25 West, lying south and east of the following boundary line: Beginning at the southeast corner of Lot 87 of Burt & Ely's Addition to the said City of Marquette; thence along the south line of said Lot ~~87~~ eighty-seven (87) to the southwest corner of said Lot 87; thence south 2 degrees and 58 minutes east 100 feet; thence south 13 degrees and 58 minutes east 100 feet; thence south 26 degrees and 28 minutes east 100 feet; thence south 43 degrees and 58 minutes east 100 feet; thence south 49 degrees and 28 minutes east 100 feet; thence south 30 degrees and 59 minutes east 100 feet; thence south 11 degrees and 49 minutes east 100 feet; thence south 5 degrees 11 minutes west 100 feet; thence south 13 degrees and 51 minutes west 425 feet; thence south 5 degrees and 9 minutes east 432 and five-tenths feet; thence

south 13 degrees and 11 minutes west 1100 feet; thence south 57 degrees and 31 minutes west 2080 feet to a point 358 feet east of the northwest corner and on the north line of the south half of the southeast quarter of Section 35, Township 48 N. Range 25 W. It being agreed between the said parties that lot 87 of Burt & Ely's Addition to the Village (now City) of Marquette is to be kept open as a highway for the common use of the grantor and grantee, and their successors and assigns.

-------X-------

DESCRIPTION OF FURNACE AND BUILDINGS:

STACK: 58½ feet high by 10-foot bosh; hearth 5' 9". The stone stack has been repaired at top for from 8 to 10 feet down and cement put in to fill the whole solid.

A new bell and hopper was found necessary on blowing out, and has been procured and placed in position.

The hoist tower is equipped with an Otis hoist, two skips, driven by small engine in engine room, which also drives crusher when used.

ENGINE ROOM: The engine room is a stone building 65' x 30' and 25' high The blowing engine is of horizontal type, with two blowing cylinders 40" x 6', made by Iron Bay Foundry at Marquette in 1873.

This engine has been thoroughly over hauled, and new balance wheel, shaft and other repairs made to put it in good working order.

In basement of engine room there are two Smith & Vaile pumps, 12" steam by 7" water cylinders, and one Knowles boiler pump, about 8" x 4".

I have added a new water supply for these pumps by running a new 8" supply pipe into the lake 700 feet to 16' depth of water; at the same time keeping the old supply of water from the well in case of necessity.

THE NEW BOILER HOUSE will be about 28' x 30', in which has been placed two new Stirling water tube boilers of 150 horse power each, the old boilers being removed.

THE STOCK HOUSE is 190 feet long by 65 feet wide, built of timber and covered with corrugated iron, the roof being tar and cement.

The trestles in the stock house have been thoroughly repaired, and the ore track, especially, being strengthened to hold up cars of increased capacity. The three tracks are now in good repair, and will not need further repairs for some years, probably.

In the basement is placed the Blake crusher for crushing limestone, &c.

HOT BLASTS: No. 1 is built near the stack, on the hearth level, and has 25 large pipes. On account of its construction this hotblast has never been a success, the pipes not heating evenly and making an unequal contraction and expansion, finally cracking one or more of the pipes. After repairs this hotblast would usually run about four months, when it would again need repairs.

No. 2 Hotblast is built on an arch supported by the engine room wall and the stone stack, and has 18 pipes now in good condition.

THE CASTING HOUSE, 62 by 44 feet, has stone foundation and timber frame, covered by corrugated iron. At lower end is a shed 12 feet wide, in which are the pig iron scales, and in rear of this a blacksmith and carpenter shop, 16 feet wide.

STORE HOUSE: An old building 24 by 16 feet, about 50 feet from carpenter shop, used for storing tools, &c.

BARN: 20 x 28 feet, a building on west side of Lake street, near outlet to Carp River.

KILNS: Ten 25-cord bee-hive kilns, on north side of Carp River, under bank, from which they are filled. Also, nine forty-five-cord bee-hive kilns, on south side of Carp River.

These kilns are built of brick and stone, and are used by Chas. H. Schaffer, under his contract with the company.

OFFICE BUILDING: A one-story wooden building, 30 ft. x 20 ft., built on Lot 86.

LABORATORY BUILDING: Attached to rear of office building,--18 x 20 ft.

HORSE SHED: On rear of Lot 86,--12 ft. x 22 ft.

RAILROAD TRACKS: Consist of three sidings into stock house, with switch stands, &c.

With the building of the Marquette & Southeastern Railroad the other sidings have been changed, and new switches made to kilns and iron yard.

TOOLS, &c., BOUGHT WITH FURNACE:

In Engine Room--

2 steam gauges in use	2 pressure gauges
3 lubricators in use	1 pipe cutter
1 set pipe dies and taps	2 die stocks
About 25 Spanner and Socket wrenches	2 24" monkey wrenches
About 15 chisels and punches	1 14" " "
1 12" monkey wrench	1 set pipe tongs
1 16" Trimeau pipe wrench	2 lanterns
About 300 feet rubber hose, new and old,	4 kerosene lamps
2 brass hose nozzles	
Varied lot of pipe fittings in basement	

In Stock House--

1 set ore scales
20 charcoal buggies
Shovels and picks
1 set charcoal scales
3 ore buggies
3 pinch bars

In Casting House--

About 25 steel and iron bars and stopping hooks
Gates, staples, skimmer, &c.
3 heavy sledges
Shovels, rakes and screens, patterns and sow
2 stationery byrometers
1 portable byrometer

In Blacksmith Shop--

1 anvil, forge and bellows
1 ratchet drill
Tongs, punches and other common tools
1 machine drill press
1 blacksmith vise
1 set lightning taps and dies
2 monkey wrenches
12 drills
1 blacksmith sledge

In Carpenter Shop--

2 handsaws
3 chisels
1 hand ax
1 jack plane
1 set 1¼" blocks
About 200 feet of 1¼" pipe, old,
2 jack screws
1 crosscut saw
1 brace and bitts
1 square
1 grind stone
1 snatch block
2 log chains
1 crab winch

In Yard--

1 set scales for weighing pig iron
1 iron car
Shovels and picks
1 cart harness
3 wheelbarrows
2 carts

In Old Store House--

About 500 old fire brick.

In Ore yard--

1/2 of set of railroad scales.

INVENTORY OF ORES ON HAND NOV. 30, 1901:

Salisbury Ore--			
224-870/2240 tons,	@$2.25,	$504.36	
Lake Ore--			
207-1916/2240 tons,	2.25,	467.27	
South Jackson Ore--			
9-1910/2240 tons,	1.50,	14.44	
Total Ore,			$986.07

LIMESTONE--

On hand Aug. 1st,	73-750/2000,	@$2.77,	$ 202.34	
Received since,	1084-765/2000	1.506,	1633.22	
Net tons,	1157-1515	@$1.58,		1835.56

CHARCOAL:

None on hand.

FUEL:

None on hand.

INSURANCE:

Balance on Policies--		
Fire Insurance to Oct. 18, 1902,	$203.33	
Casualty, 6 Mos. to July 10, 1902,	48.15	
Boiler, 10 " " Oct. 2, "	41.80	293.28
Total inventory of materials on hand,		$3114.91

No Pig Iron on Yard.

FURNACE INVENTORY ACCOUNT:

Office--		
1 Fire Proof Safe, cost	$ 50.00	
1 " " " "	20.00	
1 Desk "	10.00	
1 Letter Press and Stand, cost	10.00	
1 Standing Desk, "	5.00	
1 Revolving Chair, "	2.00	
2 Arm Chairs, "	2.00	
3 Waste Paper Baskets, "	1.50	
2 Cuspidors, "	1.00	
1 Stove and Pipe, "	5.50	
1 Set Letter Scales, "	3.00	
4 Bill Boards, "	1.00	
1 Door Mat, "	1.25	
2 Letter Baskets, "	1.00	
1 Canopy Tp Buggy and Harness, cost	50.00	
1 No. 7 Remington Typewriter "	100.00	
	263.25	
Less 20% depreciation May 1, 1900,	52.65	
	210.60	
1 Lap Robe, cost	6.00	
1 Barn Blanket, "	2.25	
1 Street Blanket, "	4.75	
1 Halter, "	1.75	
1 Heavy Robe, "	12.00	
1 Cutter, "	48.00	
1 String Bells, "	3.00	
1 Harness, "	18.67	
	307.02	
Less 20% depreciation Nov. 30, 1901,	60.14	
	246.88	$ 246.88
Yard--		
1 Chestnut Horse,	150.00	
Less 20% depreciation May 1, 1900,	30.00	
	120.00	
1 Bay Driving Horse,	187.50	
	307.50	
Less 20% depreciation Nov. 30, 1901,	60.14	247.36
		494.24
Laboratory--		
2 Professor Richards' Filter Pumps,	2.62	
1 Sargent Anal. Balance,	90.00	
1 Baker Scales,	6.80	
1 Set Gram Weights,	11.90	
½ Doz. ½ Liter Reagent Bottles,	1.00	
3 CH Brushes,	.45	
2 Dangler Gasolene Burners,	3.00	
2 50cc Buretts common stop checks,	3.53	
1 75cc " " " " Grad. 1/10,	3.00	
1 50cc " " " "	1.50	
5 Val. Floats, nippled,	1.87	
4 Clamps,	3.00	
1 Swivel Clamp,	1.50	
½ Doz. Calcium Tubes,	.68	
Forward,	130.85	494.24

Forward,	130.85	494.24
½ Doz. Calcium Tubes, U. 6",	.99	
½ " " " 6" plain,	1.80	
1/3 " " " 5"	1.05	
½ " Small sized clamps,	.55	
1 Set cork borers, 1/6,	.90	
1 Plate and Rubber,	7.50	
1 Prof. S. Burette Blue Line,	1.32	
1 Guisslers "	2.07	
½ Doz. Porcelain Evap. Dishes,	2.48	
1 Drying Oven,	7.50	
2 Dessicators, 4-3/4",	1.20	
1/4 Doz. Flasks, 16 Oz.,	.60	
½ " " 8 "	.81	
1 500cc "	.45	
1 300cc "	.38	
1 100cc "	.22	
1 1000cc "	.57	
1 2000cc "	.75	
½ Doz. Funnels, 3" Diam.,	.68	
½ " " 6" "	.45	
½ " " 2" "	.22	
1 Separating Funnel, 100cc,	.94	
1 " "	.75	
1 " " G. S.,	.75	
1 " " Syph,	1.13	
1# Glass Tubing,	.38	
1# " Rods,	.38	
1 500cc Grad. Cylinder,	.90	
1 250cc " "	.60	
3 Doz. Castors,	1.80	
1 " "	.60	
1 Lamp,	4.00	
1 Mortar, 3-Gal. capacity,	6.00	
1 " ½-Pt. "	.23	
1 200cc pipette,	.75	
1 50cc "	.40	
1 10cc "	.15	
1 5cc "	.11	
1 25cc " Grad. ~~1/12~~ 1/10,	.67	
1 Platinum Cone, Diam. top 1¼ inch,	4.50	
56 Grams of Plat. in crucibles and covers, @75¢ per Gram,	42.00	
3 100-mesh sieves,	3.15	
1 40-mesh sieve,	.50	
1 Support,	.75	
1 "	.38	
1 Thermometer, 200° Centigrade,	1.27	
1 Tripod, Diam. 6",	.38	
1 Wedgewood Mortar, Diam. 6",	.81	
1 Agate " " 4",	6.75	
1 Diamond Steel Mortar,	1.50	
1 Hydrometer,	.75	
1 Graduate, 500cc,	1.65	
2 7024 Supports,	1.00	
1 Magnet,	.68	
1 Weatherhead Crusher,	25.00	
Haskiss Burners and Tank,	15.00	
2 Muffles,	1.50	~~494.24~~
1 Doz. Crucibles,	.60	
Forward,	292.05	494.24

Forward,	292.05	494.24
½ Doz. Precipitating Jars,	3.60	
1 Syphon,	1.00	
Total cost, as bought,	296.65	
Less charged off Nov. 30, 1900,	74.93	
	221.72	
Less charged off Nov. 30, 1901, 20%,	42.14	179.58
Total Furnace Inventory Account,		$673.82

REAGENTS ON HAND, CHARGED TO OPERATING AS BOUGHT:

3/4#	Microscosmic Salt,	$ .60
2 Oz.	Hydroflouric Acid,	.25
1#	Acetic Acid Glacial,	.40
6	Carboys, @$1.75,	10.50
50#	Hydrochloric Acid, @.08¢,	4.00
4#	Molybdic " @$1.80,	7.20
½#	Oxalic Acid,	.20
125#	Sulphuric Acid, .08¢,	10.00
½#	Tartaric Acid,	.40
½	Amonium Acetate,	.44
1#	" Carbonate,	.40
1#	" Chloride,	.32
30#	Amonia Water .11¢,	3.30
1#	Amonium Oxalate,	.15
½#	Asbestos,	.80
½#	Borium Hydrate,	.15
½#	" Chloride,	.20
½#	Cadimun "	1.00
2#	Dauble " of C. & K.,	.96
1	Oz. Iodine resublimed,	.32
3/4#	Amonium Ferrus Sulphate,	.30
1/2#	Lead Peroxide,	.40
1/2#	Magnesium Carbonate,	.40
1#	" Sulphate,	.20
1	Oz. Glass Wool,	.80
¼#	Bichloride of Mercury,	.28
1	Oz.Phenaxetaline,	1.20
	Standard Drillings,	5.00
1#	Potas. Bichloride,	.24
1#	" Bichromate,	.40
1#	" Carbonate,	.48
1#	" Chromate,	.60
1#	" Hydrate,	.64
1#	" Chlorate,	.40
¼#	" Ferricynide,	.30
1#	" Ferrocynide,	.60
½#	" Hyposulphate,	.50
¼#	" Iodide,	1.20
½#	" Nitrate,	.14
1#	" Oxalate,	.48
3/4#	" Permanganate,	.42
½#	" Phosphate,	.50
1	Oz. Silver Nitrate,	.60
1#	Sodium Acetate,	.28
3#	" Carbonate,	.84
	Forward,	58.79

Forward,	58.79	
2# Sodium Hydrate,	1.20	
3# Tin Chloride,	1.44	
1# Zinc Chloride,	.40	
5# " Oxide,	3.00	
1# Chromic Anhydride,	2.00	
2-1/2 Oz. Copper Powder,	.40	
Total Reagents on hand,		$67.23

I N D E X.

Negaunee, Mich., Nov. 30th. 1901.

Mr. Wm. G. Mather, President,

Cleveland, Ohio.

Dear Sir:-

I hereby submit report covering operations of the Land Department, with the exception of Munising Company which has already been sent you, for the year ending November 30th. 1901.

This report covers The Cleveland-Cliffs Iron Co., Iron-Cliffs Co., Cleveland-Iron Mining Co., Michigamme Co., American Iron Mining Co. and Munising Railway Co. (year ends Dec.31st.)

Respectfully submitted,

Land Agent.

IRON - CLIFFS COMPANY.

Following statements show condition of the various accounts and in explanation will say:

RENTS. There is a total falling off from last year of $389.90, there is no good reason why this should be so, and collections must be better looked after next year.

FARM LAND SALES. These show a small increase and promise to continue the same in the future, there are no strangers who come here to purchase, the purchasers are generally men who have got tired working in the mines.

TIMBER SALES. Show a small increase, but we are not trying to sell except small lots of scattered timber, except in case of cordwood sold to Gladstone furnace.

Greenhouse. Business improved a little, but operating expenses were more owing largely to the colder winter; this business and that of the Nursery show a loss owing principally to a new manner of taking inventory being adopted; it was decided to keep on the safe side in valuing all plants and trees, and the inventory value was placed on all these at one third of the actual selling price; the usual way of valuing before was to place them at about one-half selling price; this show a present loss in the business, as follows:

GREENHOUSE.	Inventory for 1901	1322.37	Page-Sec 379
	Cash sales " "	3359.43	4681.80
	Less Inventory for 1900	1623.78	
	Less Supplies Bo't 1901	394.79	
	Less Oper'g.Exp. "	2757.21	4775.78
		Loss	$93.98

NURSERY.	Inventory for 1901	1305.47	Page 384
	Cash Sales " "	245.80	1551.27
	Less Inventory 1900	1206.84	
	Less Supples Bo't. 1901	179.27	
	Less Oper'g.Exp. "	424.60	1810.71
		Loss	$259.44

Nursery sales were low, the year before they were phenomenally large, and the demand seems to have fallen off for this year.

TAXES. Show an increase of $930.37 but there is nothing significant in this; that is the Tax Commission has made no special raise in valuations of wild lands: the following list shows total taxes for a number of years past:

Year.	Total I.C.Co. Taxes.
1895	8036.85
1896	14087.73
1897	12292.90
1898	8842.96
1899	10361.55
1900	5861.49
1901	6791.86

BELLEVUE FARM. This farm consists of 560 acres under fence, 105 acres of which are under cultivation and 455 acres wild pasture; a portion of which is rocky bluffs, and the balance largely in second growth, except where some 40 acres of this second growth has been cleared during the last year, but it not yet under cultivation.

There has been built 7 miles of woven wire fence during the last two years, 3/4 of a mile of gravelled road, and all but 20 acres of the cultivated land has been reclaimed from its condition of an abandoned played-out farm; having first to be cleared of stones, and then the old wild meadow manured and ploughed up, all this at considerable expense before a farm was made, and the cost of which cannot be borne by the first few years crops.

The improvement made on this farm by this work is shown by a comparison of the crops under its condition two years ago when the meadows furnished from 1/4 to 1/2 ton of hay per acre, and those of the past season which are shown on blue print of farm, where the meadows furnish nearly 1 1/2 ton of hay per acre, oats 36 1/2 bushels per acre, and ensilage corn 5 tons per acre(4.85 acres of this corn land being old meadow), the root crops were on low ground and it proved too wet for them and the yield was very little.

This farm is stocked with twenty-seven milch cows, one thorough bred shorthorn bull, 17 head of young cattle, the increase of the former; 170 sheep, 17 hogs, two teams of work horses, and poultry; the farm has produced crops this season sufficient to feed all of this stock, except some bran or middlings for a portion of the feed of the milch cows, during the coming winter.

The farm is now complete with stock, teams, farm machinery and farm buildings, and only needs a new farm house for the farmer.

A new feature of the farm is the Silo for holding ensilage, which is the first one built in this section of country, and the benefits which are now assured by this innovation, are several and most important.

The first result is that the cattle can be wintered for twenty-five per cent less cost than heretofore under normal prices,(cost of feed last winter was unusually high) because this corn ensilage can be raised for much less money than any other crop, and it forms the principal portion of the cows feed. Another result is that we have shown that corn can be grown successfully for ensilage in this northern country, a matter which has heretofore been questioned so that it had never been tried; this is most important in this long winter climate, to find a way of wintering over stock for twenty-five per cent less than has been done before.

The farm will now produce enough crop to feed the present amount of stock and its increase within reasonable limits, without further increasing the size of cultivated farm, but there are yet some portions of old farm that should be cleared up and cultivated; the barns and dairy are large enough to accomodate some more cows.

IRON CLIFFS COMPANY

RECEIPTS

	1900	1901
Tax Sale Purchase Expense,	12.03	6.01
Interest,	995.12	462.14
House Rents,	1,762.00	1,623.54
Miscellaneous Lot Rents,	363.95	304.50
Farm Rents,	1,293.26	923.54
Junction Lot Rents,	209.50	332.00
Miscellaneous Rents,	138.00	193.23
Sales from Greenhouse (Cash),	3,114.71	3,359.43
" of Timber,	673.09	1,044.55
" "" Nursery Stock,	1,088.55	245.80
" Farm Lands,	6,710.00	7,075.00
" of Old Material,	313.89	69.68
2nd. Add. Lot Sales,	5.00	
Bellevue Farm Sales,	303.01	1,870.67
Sale of Telephone Right of Way,	11.55	
Profit on Inventory B.F. Supplies,	846.96	
Sales of City Property,		2,500.00
" " Perkins Loc. Lots,		350.00
Total Receipts,	$17,840.62	20,360.09

IRON CLIFFS COMPANY

EXPENDITURES.

	1900	1901
OPERATING LAND DEPARTMENT	14,200.63	9,993.35

	1900	1901
Ins. on Rented Houses	58.25	43.08
Ins. on Buildings,	48.34	77.20
Repairs Rented Houses	403.31	563.89
" Buildings	37.40	9.10
Exp. Driving Horse,	145.94	121.84
Salaries,	2250.00	2715.67
Exp. of Lands,	370.23	317.09
Exp.-Timber "	271.21	288.50
Taxes-Rented Houses,	520.24	181.68
" -Vacant Lots,	288.53	90.84
" -Lands,	6629.99	2765.29
" -Timb. Lands	2108.01	1793.95
Exp.office Yd.(plants)	120.00	30.41
St.Imp.P.I. 2nd.Add.	107.11	
Dep.Inventory Gen.Sup.	47.72	24.69
" Stk. Bone Fertl'r		86.30
General Expense,	794.35	883.82

	1900	1901
Fuel & L'gt	146.97	192.51
Str. & Prnt.	92.70	132.41
Tel & Telg	60.82	63.61
Frt & Exp.	11.15	24.54
Traveling	81.30	19.07
Water & Ice	14.35	16.20
Misc.	11.58	127.13
Janitor,	125.08	116.75
Postage,	68.23	27.60
Clerk Hire,	68.50	164.00
Rev.stamps,	42.80	
Livery,	9.50	
Legal,	15.00	
Advertising	2.30	
Papers,	3.00	
Office Yard,	41.07	
	$794.35	883.82

Forward. $14,200.63 9,993.35

	1900	1901	1900	1901
Bro't.for'd.			$14,200.63	9,993.35
OPERATING NURSERY			798.62	505.24
	1900	1901		
Nursery Cultivation	600.27	391.05		
Expense Salesman,	143.00			
Misc.		33.55		
Dep.on Inventory,	55.35	80.64		
OPERATING GREENHOUSE			2,674.11	3,331.46
	1900	1901		
Labor,	1422.41	1373.60		
Misc. Exp.	390.92	315.04		
Fuel,	391.42	629.35		
Fr't. & Express	47.64	198.69		
Cut Flowers Bought,	13.00	164.65		
Taxes on Green H.Plant	42.96	19.63		
Insurance,	50.63	56.25		
Dep.on Inventory G.H.Sup	315.13	574.25		
OPERATING BELLEVUE FARM			2,922.33	7,628.65
	1900	1901		
Seed Bought,	100.39	120.53		
Feed "	469.36	1400.21		
Misc. Expense	348.22	450.63		
Labor,	1484.28	2967.65		
Repr. Bldgs.	56.79			
Insurance,	13.33	44.52		
Dep. of Improvement,	449.96	1523.65		
Dairy,		319.71		
Barn Machinery,		34.33		
Taxes,		61.11		
Bone Fertilizer Bo't		162.00		
Dep. on Supplies,		544.31		
Total Expenditures,			$20,595.69	21,458.70

Statement of Sun Cities Co. Rents Nov. 30th 1901

Location	Annual Rental		Amount Due Dec 1st.		Amt Recd. during Yr.		Amt. Due Nov 30th Outstanding	
	1900	1901	1899	1900	1900	1901	1900	1901
House Rents	1968.00	1980.00	1995.54	2225.54	1762.00	1623.54 ✓	233.54	602.00
Farm Rents	1665.00	1729.50	2665.97	2695.01	1293.76	923.54 ✓	1372.51	1771.49
Misc. Lot Rents	809.92	814.92	1069.91	1215.08	363.95	304.50	703.96	910.58
Junction " Rents	252.00	384.00	809.00	933.50	209.50	332.00 ✓	599.50	601.50
Misc. Receipts			138.00	193.23	138.00	193.23 ✓		
	4694.92	4906.22	6694.02	7262.36	3766.91	3376.81 ✓	2907.31	3885.55

Large amt outstanding

IRON-CLIFFS CO - LAND DEPT.

SALES OF FARM LANDS IN 1901.

NO	SOLD TO	DESCRIPTION	ACRES	PRICE	AMT.	PAID	BAL DUE	
						170.00	330.00	12/15
83	CHAS.A.Dittrich	NE-NW-12-38-24	40	12.50	500	110.00	390.00	
84	Frank Porah	SW-SW-6-38-23	31.20	14.42	450	150.00	300.00	✓
85	C.Baranowski	SE-NW-6-38-23	40	10.00	400	133.35	266.65	✓
86	Matt Huhtala	SE-SE-3-47-26	40	6.25	250	100.00	150.00	✓
87	S. Hermila	SW-NE-18-47-27	40	10.00	400	100.00	300.00	✓
88	Fred.Lampie	SW-SW-3-47-26	40	6.25	250	84.00	166.00	✓
89	Chas.Palala	NW-NW-29-48-26	40	6.25	250	84.00	166.00	✓
99	John Stunri	SW-SE-3-47-26	40	6.25	250	84.00	166.00	✓
100	Seb.Kieren	NE-NE-30-48-26	40	6.25	250	250.00		✓
101	F.Vercellins	NW-SW-18-47-26	32.37	7.72	250	250.00		✓
102	Lequia,etal,	NW-SW-2-47-26	40	6.25	250	75.00	175.00	✓
103	A.Franzen	SW-SW-4-47-26	40	10.00	400	120.00	280.00	✓
104	Gustafson-Lun'd	SE-NW-29-47-27	40	6.25	250	82.00	168.00	✓
106	F.Braastad	NW-NE-6-47-27	37.62	7.97	300	300.00		✓
107	Nap.Lequa	NW-SW-8-47-27	40	12.50	500	300.00	200.00	✓
108	H.Henrickson	SW-NW-28-47-26	40	4.37	175	60.00	115.00	✓
109	Edward Caton	SW-SE-22-47-27	40	10.00	400	130.00	270.00	✓
110	Gus Dahlstrom	NW-SE-18-47-26	40	6.25	250	70.00	180.00	✓
111	Fr.Vercellino	SE-NW-18-47-26	40	6.25	250	100.00	150.00	✓
112	Henry Durford	SE-NW-27-39-24	40	10.00	400	100.00	300.00	✓
113	Mrs.S.J. Wasley	SW-SW-7-47-27	42.59	9.39	400	150.00	250.00	✓
114	M. Marjama	SE-SW-3-47-26	40	6.25	250	100.00	150.00	✓
			863.78		7075	2932.35	4142.65	

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STATEMENT OF TIMBER SALES.

SOLD TO	DESCRIPTION	CORD WOOD		Hemlock		PRICE	AMOUNT
		HARD	SOFT	M.ft.	'ties		
C.C.I.Co.		4146-2				.10	414.55
J.Corcoran	W-2-SE-4-36 39-24			50		2.50	125.00
					300	.083	25.00
W.J.Hill	NE-NE SE-SE-34-47-27 W-2-NE ~~&-27~~		475			.379	180.00
Theo.Deford	NW-NE S-2-NE-27& E-2-NW-4 39-24		800			.25	200.00
Jas.Carson	SW-4 36-47-27		1000			.10	100.00
	Total,	4146-2	2275	50	300		1044.55

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STATEMENT OF GREENHOUSE SALES FOR YEAR ENDING

NOVEMBER 30th - 1901.

Date	Cut Flowers	Plants	Designs	Misc.	Total.
Dec. '00	258.22	8.80	119.50		386.52
Jan. '01	180.30	11.65	12.30		204.25
Feb.	172.10	41.05	29.25		242.40
Mar.	191.04	28.40	31.25		250.69
Apr.	326.28	80.45	34.75		441.48
May	137.61	193.95	23.00		354.56
June	246.85	277.05	42.35		566.25
July	133.09	29.85	40.60		203.54
Aug.	47.05	6.00	59.85		112.90
Sept.	56.60	12.60	25.00	1.75	95.95
Oct.	150.70	47.85	119.40	5.85	323.80
Nov.	184.85	16.75	16.00	1.85	219.45
Total,	$2,084.69	754.40	553.25	9.45	3,401.79

Dec. annual - 3359.43

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COMPARATIVE STATEMENT OF GREENHOUSE SALES.

Year.	Cut Flowers	Plants	Designs	Misc.	Total.
1897	670.66	437.13	251.95	40.86	1,400.60
1898	1104.49	786.21	309.98	93.00	2,293.68
1899	1404.71	1062.86	495.20	48.75	3,011.52
1900	1679.37	1003.35	432.75	6.75	3,122.22
1901	2084.69	754.40	553.25	9.45	3,401.79

STATEMENT "OPERATING GREENHOUSE."

	1900	1901
Labor,	1422.41	1373.60
Miscellaneous Expense,	390.92	315.04
Fuel,	391.42	629.35
Freight & Express,	47.64	198.69
Cut Flowers Bought,	13.00	164.65
Taxes on Greenhouse Plant,	42.96	19.63
Insurance,	50.63	56.25
Depreciation on Inventory G.H. Supplies,	315.13	574.25
Total,	$2,674.11	3,331.46

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STATEMENT OF BELLEVUE FARM SALES FOR YEAR ENDING

NOVEMBER 30th.1901.

Date	Butter	Mutton	Poultry	Eggs	Misce.	Total
Dec.'00	43.83	136.33	9.59		28.00	217.75
Jan.'01	48.61	105.92			23.40	177.93
Feby.	66.70	76.44	39.49		31.00	213.63
Mar.	88.76	42.55	4.36			135.67
Apr.	138.10	6.80		.93		145.83
May	140.45			2.60	4.40	147.45
June	117.41			1.40	10.75	129.56
July	171.25			1.80	40.75	213.80
Aug.	166.64			1.40	.75	168.79
Sept.	92.54			.40		92.94
Oct.	95.62	6.87				102.49
Nov.	89.53	24.37	6.61		104.13	224.64
Total,	$1,259.44	399.28	60.05	8.53	243.18	1,970.48

DETAIL OF MISCELLANEOUS COLUMN.

Wool,	104.13
Sheep Pelts,	82.40
Hay,	36.00
Buttermilk,	20.65
	$243.18

Page 6 Book 1870-67 #22 Ledger

BELLEVUE FARM IMPROVEMENTS.

1901.

	LABOR	SUPPLIES	TOTAL
DAIRY BUILDING.			
Foundation,	21.62		21.62
Porch,	10.00	15.27	25.27
Wainscoting,	13.50	69.67	83.17
Refrigerator,	62.15	45.65	107.80
OTHER IMPROVEMENTS.			
Clearing Land,	318.87	5.10	323.97
Barn Alterations,	136.45	76.51	212.96
Rope Transmission,	38.75	46.18	84.93
Silo,	141.01	131.81	272.82
Cow Barn,	48.00	2.00	50.00
New Fences & Gates,	216.41	288.20	504.61
Log Houses at farm,	44.00	143.86	187.86
Painting Buildings,	110.32		110.32
Farm Signs,	7.70		7.70
Barn Additions,	245.36	524.20	769.56
Water Line,	10.00	46.07	56.07
Water Tank,		5.20	5.20
Electric Gong,		2.35	2.35
Dipping Tank,		22.36	22.36
Hay Carrier,		23.67	23.67
Misc. Improvement,	14.25	58.43	72.68
Total,	$1,438.39	1,506.53	2,944.92

Bellevue Farm, Comparative Milk and Feed Statement for the year ending Nov. 30th 1901.

No.	Name.	Age.	Breed.	When fresh.	December. Milk per day	Milk per mo	% test	Cost of feed per mo	January. Milk per day	Milk per mo	% test	Cost of feed per mo	February. Milk per day	Milk per mo	% test	Cost of feed per mo
1	Bess.	7	Jersey.	2-15-1901	6.6	206.9	5.2	3.10	None	None		3.10	10.5			3.95
2	Dolly	7	3/4 Jer. 1/4 Sh'h	2-26-1901	4.1	128.2	3.9	3.10	"	"		3.10	7.0			2.95
3	Jolly.	3	3/4 Jer. 1/4 Sh'h.	6-27-1901	16.1	501.9	3.6	6.25	15.45	467.0	3.0	6.25	14.1	395.2	3.3	5.67
4	Inez	3	Jersey.	5-25-1901	6.8	220.6	4.8	5.35	8.2	255.6	5.2	5.35	8.0	220.0	5.4	4.83
5	Jessie	3	Jersey.	Not Breed	10.3	319.4	4.9	5.35	11.71	363.3	5.0	5.35	10.7	299.7	5.0	4.83
6	Cherry.	5	Shorthorn.	12-15-1900	30.0	940.4	3.9	6.25	25.57	801.9	3.2	6.25	23.5	666.2	2.8	5.67
7	Spot	6	Holstein.	10-1-1900	18.3	550.1	2.5	5.21	19.2	617.9	2.4	5.21	18.4	514.7	2.7	7.41
8	Pearl	5	Shorthorn.	11-15-1900	30.3	946.2	3.0	5.21	27.41	852.4	3.0	5.21	25.5	715.5	3.3	7.41
9	Lily.	7	Shorthorn.	11-1-1900	23.5	728.1	2.4	6.25	23.50	730.4	3.2	6.25	22.2	633.2	3.2	5.67
10	Dolly	8	Holstein	12-16-1900	21.9	1,349	2.00	5.21	21.50	688.8	2.0	5.21	19.7	552.6	3.0	7.41
11	Clara.	5	1/2 Jer. 1/2 Sh'n	10-1-1900	23.0	713.1	2.7	6.21	17.16	577.3	2.0	6.21	15.6	437.7	2.7	5.67
12	Blanche	6	1/2 Jer. 1/2 Ayr.	1-20-1901	[illegible]											
13	Rose.	6	Ayr. 3/4 mix'd	1-29-1901									15.5	356.9	4.6	7.41
14	Nancy	4	1/2 Jer. 3/4 Hol.	2-10-1901									20.0	339.4	4.2	5.67
15	Bess	5	3/4 Jer. 3/4 mix'd.	2-15-1901									20.6	1439	4.4	5.67
16	Meg	6	1/2 Jer. 1/2 Hol.	2-1-1901									31.5	220.4	3.5	7.41
17	Belle	8	1/2 Ayr.	2-20-1901												
18	Olive	4	1/2 Jer.	3-2-1901												
19	Reddie	6	Shorthorn.	3-26-1901												
20	Fairy	6	1/2 Gu. 1/2 Jer.	3-20-1901												
21	Laurie	7	1/2 Hol. 1/2 Jer.	3-1-1901												
22	Pearl.	6	1/2 Skin. 1/2 Jer.	6-1-1901												
23	Brindle	7	3/4 Skin. 1/4 Jer.	3-1-1901												
24	Golden	6	3/4 Jer. 1/4 Sh'n.	4-4-1901												
25	Buttercup	7	1/2 Sh'n. 1/2 mix'd.	7-10-1901												
26	Daisy	7	3/4 Skin. 1/4 Jer.	8-15-1901												
27	Dott	4	1/2 Jer. 1/2 Sh'n.													
	Totals.					47741.8		166.88		5366.6		166.88		5489.6		186.38

No.	Name.	March. Milk per day	Milk per mo	% test	Cost of feed per mo	April. Milk per day	Milk per mo	% test	Cost of feed per mo	May. Milk per day	Milk per mo	% test	Cost of feed per mo
1	Bess.	26.0	805.0	4.2	6.31	26.5	796.6	4.2	6.93	29.4	913.4	4.1	4.66
2	Dolly	28.0	867.0	4.4	6.31	28.4	847.7	4.3	6.93	28.4	881.2	4.3	4.66
3	Jolly.	12.4	384.6	4.9	6.25	9.1	273.3	4.4	6.08	8.6	263.3	4.7	4.96
4	Inez	8.0	210.5	6.2	5.35	6.6	190.5	5.6	5.18	4.1	90.4	5.0	4.83
5	Jessie	9.4	292.0	5.1	5.35	9.0	296.7	5.0	5.18	9.0	303.0	4.8	4.83
6	Cherry.	19.7	612.4	3.4	6.25	15.9	477.2	3.75	6.08	18.7	580.1	3.1	4.96
7	Spot	16.9	522.3	3.0	5.21	16.7	501.7	2.8	7.94	21.2	657.2	2.5	5.36
8	Pearl	22.7	702.6	3.3	5.21	21.3	639.4	3.0	7.94	22.5	698.1	2.5	5.36
9	Lily.	18.7	580.5	3.6	6.25	17.3	520.3	3.5	6.08	18.3	567.7	3.3	4.96
10	Dolly	18.1	562.8	3.0	5.21	17.5	527.6	2.8	7.94	21.3	661.1	2.7	5.36
11	Clara.	15.2	470.5	3.4	6.25	17.1	516.6	3.4	6.08	19.7	661.8	3.1	4.96
12	Blanche	18.6	576.4	4.4	6.25	18.4	554.9	3.8	6.08	16.0	522.0	3.7	4.96
13	Rose.	15.5	481.9	4.2	6.25	14.6	440.7	4.0	6.08	14.2	442.4	3.8	4.96
14	Nancy	24.7	764.6	3.2	6.25	20.2	606.5	3.4	6.08	22.5	698.8	3.8	4.96
15	Bess	15.9	491.9	4.1	6.25	17.6	530.1	4.2	6.08	11.3	343.3	4.1	4.96
16	Meg	30.6	932.0	3.5	5.21	23.9	717.9	3.03	7.94	26.0	805.7	3.3	5.36
17	Belle	20.9	174.2	4.1	6.25	18.2	545.1	3.5	6.08	21.5	676.6	3.3	4.96
18	Olive	22.9	636.1	3.7	6.25	22.0	760.0	3.4	6.08	23.3	786.6	3.1	4.96
19	Reddie					16.8	506.4	4.0	6.08	22.0	680.0	3.8	4.96
20	Fairy					22.2	666.7	3.4	6.08	23.4	724.4	3.2	4.96
21	Laurie					25.4	762.6	3.2	6.08	28.0	872.0	3.1	4.96
22	Pearl.					21.2	636.4	2.6	6.08	23.3	707.3	2.9	4.96
23	Brindle					23.8	701.1	3.2	6.08	26.5	814.5	3.0	4.96
24	Golden					25.4	808.6	3.6	6.08	26.5	825.5	3.0	4.96
25	Buttercup												
26	Daisy												
27	Dott												
	Totals.		9771.3		118.96		13523.6		150.46		15246.8		118.12

No.	Name.	June. Milk per day	Milk per mo	% test	Cost of feed per mo	July. Milk per day	Milk per mo	% test	Cost of feed per mo	August. Milk per day	Milk per mo	% test	Cost of feed per mo
1	Bess.	30.0	896.6	3.8	1.00	21.7	673.7	4.0	None	20.2	626.2	4.4	None
2	Dolly	23.2	697.1	4.0	1.00	22.5	699.4	4.4	"	21.4	665.5	4.4	"
3	Jolly.	10.2	334.7	5.0	1.00	12.5	387.7	3.8	"	16.3	506.6	4.6	"
4	Inez	4.0	138.6		1.00	17.6	546.5	4.4	"	14.4	447.8	4.2	"
5	Jessie	11.6	346.2	4.4	1.00	9.8	295.7	4.8	"	8.5	263.7	4.6	"
6	Cherry.	21.4	643.3	2.8	1.00	13.7	425.4	4.0	"	10.0	310.2	4.0	"
7	Spot	23.7	711.1	2.6	1.00	16.6	516.6	3.2	"	16.0	497.1	3.4	"
8	Pearl	24.3	730.2	3.0	1.00	14.7	456.8	3.6	"	12.9	399.0	3.8	"
9	Lily.	22.9	689.3	3.2	1.00	13.1	407.5	4.4	"	10.2	317.5	4.6	"
10	Dolly	21.4	643.4	2.1	1.00	16.2	470.1	3.0	"	17.5	544.4	3.6	"
11	Clara.	21.1	633.3	3.4	1.00	12.1	374.9	3.4	"	11.2	348.0	4.2	"
12	Blanche	20.0	601.6	3.8	1.00	7.4	224.4	4.2	"	14.1	436.3	4.0	"
13	Rose.	16.3	489.2	4.0	1.00	12.7	396.8	4.0	"	12.9	399.8	4.0	"
14	Nancy	23.9	719.9	3.2	1.00	16.0	497.7	4.2	"	13.4	416.7	4.0	"
15	Bess	18.0	540.7	4.0	1.00	7.6	233.6	4.8	"	12.7	394.9	5.4	"
16	Meg	29.7	893.6	3.2	1.00	19.4	618.0	3.4	"	13.5	421.4	4.6	"
17	Belle	22.3	669.3	3.4	1.00	18.8	589.1	3.5	"	Died			"
18	Olive	24.3	730.4	3.4	1.00	13.9	433.0	3.6	"	18.9	492.0	3.8	"
19	Reddie	21.8	655.7	4.0	1.00	12.7	395.0	4.0	"	15.4	477.7	4.6	"
20	Fairy	21.7	653.8	3.8	1.00	17.8	536.5	4.0	"	16.0	503.1	3.5	"
21	Laurie	30.0	902.6	3.4	1.00	21.7	672.1	3.4	"	23.6	731.7	3.2	"
22	Pearl.	26.7	803.8	3.6	1.00	19.3	596.6	3.2	"	15.5	490.5	3.2	"
23	Brindle	27.6	828.7	3.0	1.00	22.1	686.0	3.6	"	22.4	695.7	3.4	"
24	Golden	27.1	814.4	3.0	1.00	21.1	656.6	3.4	"	20.9	649.5	3.4	"
25	Buttercup					17.0	289.7	4.0	"	17.5	551.7	3.4	"
26	Daisy									16.4	507.8	4.0	"
27	Dott												
	Totals.		15543.2		26.00		12179.4				11644.7		

No.	Name.	September. Milk per day	Milk per mo	% test	Cost of feed per mo	October. Milk per day	Milk per mo	% test	Cost of feed per mo	November. Milk per day	Milk per mo	% test	Cost of feed per mo	Per Annum. Milk per ann.	% test per ann.
1	Bess.	18.8	443.2	5.4	None	19.7	394.7	5.2	2.10	11.6	350.0	4.6	6.30	6103.3	4.41
2	Dolly	14.7	500.5	5.2	"	12.7	396.2	4.6	2.10	12.2	366.2	4.6	5.70	5736.0	4.37
3	Jolly.	11.5	358.4	4.0	1.50	11.9	357.8	4.6	6.30	4.6	138.5	4.6	6.30	4765	4.20
4	Inez	8.5	272.1	5.0	1.50	11.2	330.7	4.8	5.20				5.20	2520.0	4.97
5	Jessie	3.8	118.4	6.0					2.70				2.70	3087.7	5.18
6	Cherry.	1.5	46.6	5.2					3.15				3.15	4966.4	3.87
7	Spot	11.7	346.6	3.2	2.10	11.45	334.5	3.2	6.30				6.30	6209.5	3.05
8	Pearl	1.1	35.6						3.15				3.15	4383.8	3.38
9	Lily.	11.6	347.2	3.4	"	10.1	314.2	3.2	2.10	9.36	281.0	3.4	6.46	5776.1	3.50
10	Dolly	8.5	173.6	4.6	"	1.8	0.8		2.0				3.15	4910.6	3.27
11	Clara.	8.1	253.4	4.8	1.50	6.2	186.3	4.6	3.10				3.10	3846.6	4.40
12	Blanche	7.0	210.3	5.4	"	7.4	222.2	5.0	3.15				3.15	3743.9	4.30
13	Rose.	7.7	238.7	4.6	1.50				3.15				3.15	3837.9	3.87
14	Nancy	7.6	220.4	4.2					3.15				3.15	3397.5	4.27
15	Bess	6.4	198.5	5.2	1.50	6.5	196.2	5.0	3.40				3.40	2647.3	3.85
16	Meg	5.2	161.1	3.2	1.50	1.7	53.2		3.15				3.15	3647.3	3.64
17	Belle	10.7	333.5	5.2	1.50	10.4	113.6	5.4	4.40						
18	Olive	9.9	295.1	3.6	1.50	4.7	143.7	4.0	4.36				4.36	4564.4	3.78
19	Reddie	8.6	259.3	4.4	1.50	8.4	260.7	4.2	3.80				3.80	3672.9	4.29
20	Fairy	10.5	325.5	3.2	2.10	9.4	284.9	4.2	6.00				6.00	4047.7	3.70
21	Laurie	19.8	615.6	3.8	2.10	13.7	412.6	3.8	6.15				6.15	5533.5	3.41
22	Pearl.	1.8	26.0						3.15				3.15	5519.6	3.19
23	Brindle	19.3	600.1	4.0	2.10	12.2	392.2	4.0	6.00				6.00	5739.9	3.50
24	Golden	18.9	526.0	4.0	2.10	11.5	347.0	4.0	6.15				6.15	4730.7	3.50
25	Buttercup	14.5	452.4	3.8	2.10	8.6	469.0	3.2	4.70				4.70	2525.0	3.26
26	Daisy	14.7	456.3	4.0	2.10	13.3	401.7	4.0	5.82				5.82	1366.6	4.00
27	Dott					16.1	484.4	3.2	5.82				5.82	484.4	3.20
	Totals.		8450.3		34.50		7026.1		133.71		61 91.0		133.71	115205.4	

Purchased during the year at times shown.

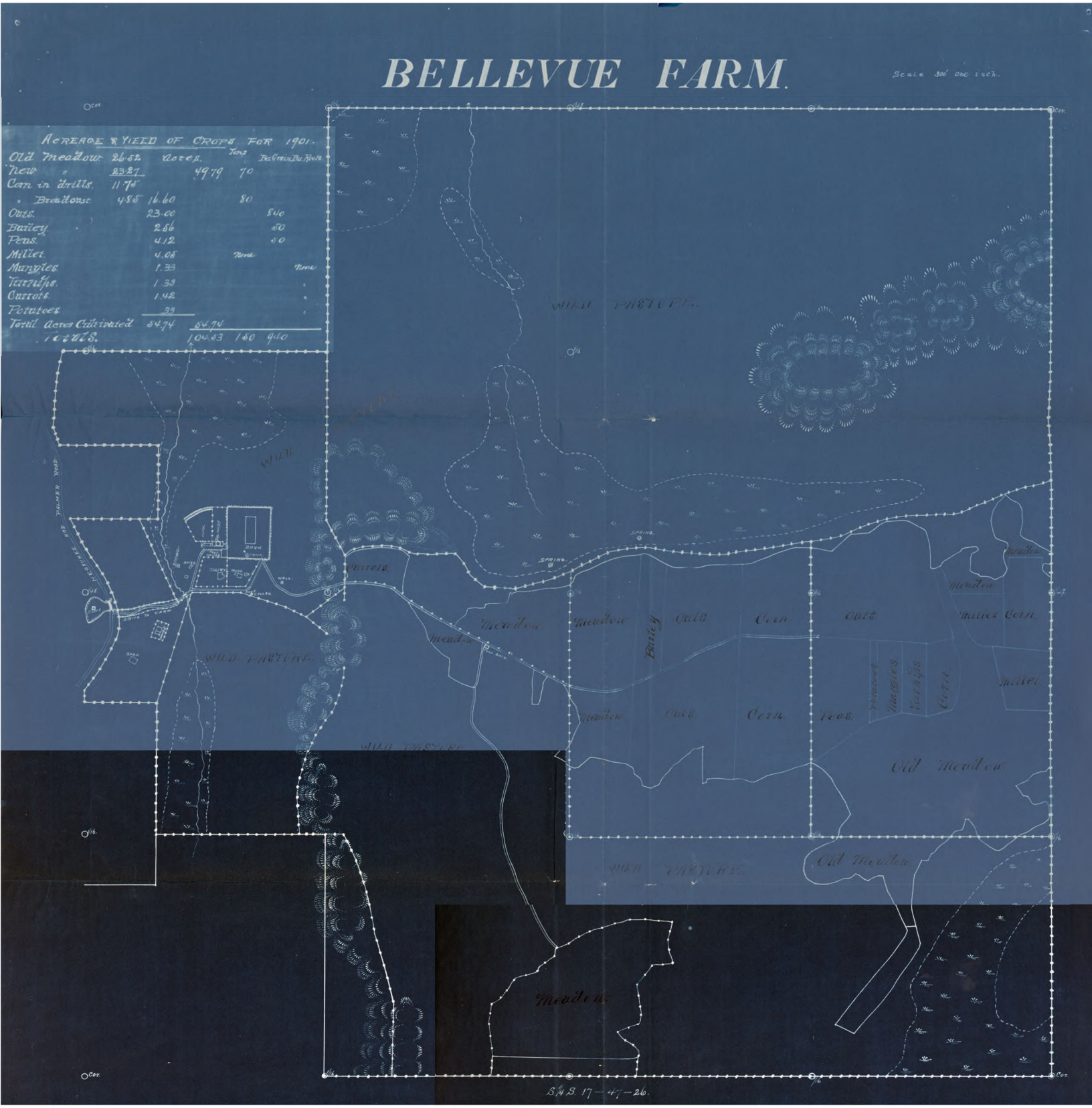
Comparative value of milk according to per cent of Butter Fat. 2% requires 43.6 lbs. milk to make 1 lb. Butter, 2.5 % = 35.4 lbs milk, 3% = 29 lbs. milk. Market price of feed is, Oats 32¢ per bu. Hay $16.00 per ton.
Oat straw $5.00 per ton, Millet $10.00 per ton, Oat meal $30.00 per ton, Bran $17.00 per ton, Cut feed is proportioned. 2/3 Oat Straw 1/3 Millet. Milk will make 10% more butter than is expressed by per cent of Butter fat.

Daily rations for Winter season per month. $3.95 = 6 lbs. cut feed, 6 lbs. hay, 10 lbs. ground oats, 1/2 lb. oil meal. per day.
" " " " " " 5.67 = 7 " " 6 " " 10 " " 1 1/2 " " " "
" " " " " " 4.83 = 6 " " 5 " " 10 " " 1 " " " "
Ration from May 20th to June 20th ground oats, millet only, from June 20th to Oct. 15th 1/2 lb. feed except pasture.

Total Butter made 1578
Average price per lb 25
Amount received. $1259

BELLEVUE FARM.

Scale 300' one inch.



ACREAGE & YIELD OF CROPS FOR 1901.

	Acres.	Tons	Bu Grain	Bu Roots.
Old Meadow	26.52			
New "	23.27	49.79	70	
Corn in drills.	11.75			
" Broadcast.	4.85	16.60	80	
Oats.		23.00		840
Barley.		2.86		50
Peas.		4.12		50
Millet.		4.05	None.	
Mangles.		1.33		None
Turnips.		1.33		"
Carrots.		1.42		"
Potatoes		.33		"
Total Acres Cultivated		84.74	84.74	
Total.			104.83	160	940

S.½ S. 17 — 47 — 26.

ESTIMATE OF TIMBER ON IRON-CLIFFS CO. LANDS.

NOV. 30th. 1901.

Kinds of Timber M. Ft.	T.47&48 N.R.25 W.	Baraga County	Cascade Range.	Sec.1-11 12,13&14 T.47-26	Maple Ridge	Ford Riv & Felch	Totals
White Pine				133			133
Birch,	2261		152	187		278	2878
Maple,	5049	239	920	704			6912
Basswood,	358		369	110			837
Oak,	336			39			375
Ash,	54	12		32		8	106
Elm,						60	60
Cedar							
Posts,	140000	10450	20000	32000	6000		208450
Ties,	42800	1600	8000	9400	2400		64200
Poles,	5943		1000	1400			8343
Hemlock. M.ft.	5490	48	294	525		1348	7705
Ties,	55895	1750	1850	2750	1700	9900	73845
Cords Bark	5490		190			496	6176
Spruce	1118	282	330	71		14	1815
Fuel Cds.							
Hardwood,	113505	14415	15365	16130	4100	35495	199010
Softwood,	32407	1235	6052	6301	6335	3695	56025

Comparative Tax Statement, Iron Cliffs Company

Townships.	Acres 1900	Acres 1901	Valuation 1900	Valuation 1901	Amt. of Tax 1900	Amt. of Tax 1901	Timber Value 1900	Timber Value 1901	Value per A. 1900	Value per A. 1901	Tax per A. 1900	Tax per A. 1901	Tons Mined 1900	Tons Mined 1901	Tax per ton 1900	Tax per ton 1901	Amt. of Tax Unpaid 1900	Amt. of Tax Unpaid 1901.
Baldwin	459 00	459 00	3210	2510	87 35	85 66	1462	1462	6 99	5 46	·171	·186						
Maple Ridge	2755 09	2656 09	9420	9340	212 78	309 40	855	855	3 42	3 51	·077	·116						
Red River	711 20	600 00	4680	4880	113 36	148 15	2283	1640	6 58	8 13	·159	·246						
Wells	80 00	80 00	285	285	3 66	5 46			4 75	4 75	·046	·068						
Spalding	1393 76	1391 80	6870	7790	199 83	253 14	2426	2351	4 93	5 69	·143	·189						
Sands	5360 04	5360 04	22080	22080	797 42	1103 55	21737	21737	4 12	4 12	·149	·205						
Marquette	2467 15	2467 15	12482	12480	286 69	256 79	11129	11129	5 06	5 06	·116	·104						
Forsythe	879 20	879 20	810	900	17 81	16 99				92	102	·020	·019					
Richmond	6865 60	6865 60	26930	26930	699 83	682 91	11228	11228	3 92	3 92	·102	·099						
Menominee	4837 60	4750 60	12540	12440	288 81	278 14			2 59	2 57	·060	·058						
Tilden	7705 53	7738 18	32060	27280	580 75	608 85	1000	720	4 16	3 52	·077	·078						
Ishpeming	2328 13	2340 51	11728	14490	519 37	457 76			5 04	6 19	·223	·195						
Ely	1600 00	1600 00	2250	2250	88 62	75 44			1 40	1 40	·055	·047						
L'Anse	960 00	1120 00	3500	3500	88 23	103 22	2915	2915	3 65	3 12	·092	·092						
Marquette City	800	800 00	13400	16025	373 46	280 59	5608	5608	16 75	20 03	·467	·350						
Menominee "			76960	80738	1390 08	1722 90												
Ishpeming "			10285	22800	122 26	402 91	225	225										
Totals.	39362 30	39108 17	249490	266518	5861 49	6791 86	60863	59865										

	R. 32 W.			R. 28 W.			R. 27 W.			R. 26 W.			R. 25 W.		
	Sec	Fee	Surface	Mineral	Sec	Fee	Surface	Mineral	Sec	Fee	Surface	Mineral	Sec	Fee	Surface	Mineral
T. 49 N.	15		120										19			144.26
	17		280										29			201.95
	21		640										30			320
	27		80										32	40.12		40
													33			126.26
			1120.00											40.12		832.26
T. 48 N.					34	160			31	40			20	520		120
					35	320			33	40			21	640		
					36	240			34	40			22	320		
													23	160		
													25	400		
													26	160		
													27	320		
													28	360		
													29	200		120
													30	192.60		160
													31			40
													32	296		
													33	40		
													34	40		
					720.00				120.00				3648.62			440.00
T. 47 N.					1	200			3	49.88		29.72	1	464.69	80	
					12	200			4	593.87		40	2	305.30		320
					13	480			5	464.80			3	427.94		160
					24	280		40	6	596.66		37.62	4	527.36		80
									7	607.71		42.59	5	276.46		19.74
									8	508.70		80	6	38.89	242.5	163.75
									9	400			9	120		120
									10	255.50		52.50	10	320		120
									12	640			11	80	120	
									13	518.90		40	12	600		40
									15	440			13	636.20		
									17	280			14	269.35		
									18	449.90		40	15	607.10		
									19	80			17	627.15		12.58
									20	240			18	460.03		287.87
									21	240			19	220.73		80
									22	480		40	21	640		
									23	560			22	480		
									24	504.70		120	23	616.20		
									25	320			24	365.50		
									26	320			26	80		
									27	360		40	27	480		
									28	280		80	28	280		40
									29	280		200	32	320		
									31	653.44			33	440		
									32	640			34	160		
									33	640						
									34	400						
									35	240						
									36	280						
					1160.00			40.00	2093.64			842.43	9867.89		224.50	1438.76
T. 46 N.									4	121.66						
T. 45 N.													24	370		
													26	29.27		
														716.27		
													1	162.93		
T. 43 N.																
T. 42 N.																
T. 41 N.																
T. 39 N.													11			373.76
													12			120
													13			80
													14			40
													23			120
																1393.76
T. 38 N.																

	R. 24 W.			R. 23 W.			R. 22 W.			TOTAL	HOMES.		REMARKS.
	Sec	Fee	Surface	Mineral	Sec	Fee	Surface	Mineral	Sec	Fee	Surface	Mineral	
T. 49 N.													Pioneer Iron Co. and Excelsior Iron Co. lands are included in this statement.
										40.12	1120.00	832.26	
T. 48 N.													1892 acres fee and 203.75 acres mineral are owned jointly with Wells Iron Co. are undivided half interest to each.
										7675.70	4000	1120.00	
T. 47 N.													1460 acres in addition to this statement with City of Negaunee, are covered by 99 year lease to Pioneer Iron Co. to mine ore for manufacturing purposes.
										2854.76	8442.5	2321.19	
T. 46 N.										121.66			
T. 45 N.													
										716.27			
										162.93			
T. 43 N.					27	280							
					33	40		120					
					34	240		160					
					35	120		160					
						680.00		440.00		680.00		440.00	
T. 42 N.					1	40							
					2	40		120	5	115.67			
					3	40		235.24					
					4	276.43		80	7	80			
					10	120		40				80	
					11	276.80		323.60	21	120			
					13	120		120					
					15	280		160	29	120			
					28	160		200	32	80			
						1282.43		1278.14		515.67		80	
T. 41 N.												160	2268.60		1438.74
									4	19			
									10	120			
										139.00		80	
												80.00	139.00		80.00
T. 39 N.	29	160		80	30		80						
	34		80										
		160	80.00	80.00			80.00						
													1600.00	1553.76	80.00
T. 38 N.	11		80		6		40						
	12		200										
			280.00				40						
											320.00		
										40318.54	3378.01	6312.19	

40318.54
3378.01
43696.55

Land of R. R. Co. Cliffe Co. Mar. 30 1901.

Condition of Farm Lands, Iron Cliffs Co. Nov. 30, 1901.

Names.	Description	S. T. R.	No. of L.	Acres.	Rental.	Amount paid in 1901	Amount due.	Taxes paid	Cost of Improvm't	Acres cultivated	Fenced	Remarks.
T. Braastad.	NW of NW	3-47-27	1.a	39	39.00		78.50	Yes.	1750	39	All	
" "	NE " NE	4 " "	2 "	40.40	41.00		82.00	"	1400	33	"	
Erick Anderson	Pt. SE " NE	" " "	3 "	39.	39.00		24.00	"	1400	30	"	
Frank Johnson	SE/4 NE/4 " SE	" " "	5 "	20.50	16.00		66.44	"	200	7	"	
A. Yates & J. Swanson	Pt. SE " SE	" " "	6 "	5	5.00	6.00	5.00	"	100	4	"	
Anton Sweef.	" " " "	" " "	7 "	5	5.00	5.00	1.06	"	60	2	"	
James Rough.	" " " "	" " "	8 "	5	5.00		5.00	"	50	3	"	
Ludwig Larson.	" " " "	" " "	9 "	5	5.00		11.20	"	100	4	"	
Swanson & Hendrickson	SW " SE	" " "	10 "	41.10	41.00		41.00	"	1500	32	"	
Joseph Waters.	SW " SW	" " "	11 "	40	30.00	22.72		"	800	20	"	Small House.
Chas. Hekko & Nels Hekko	NW " NW	9 " "	12 "	40	40.00		77.77	"	600	4	"	
Wm Harris & Matt Kaappla	NE " NW	" " "	13 "	43	43.00	50.75	35.32	"	1300	42	"	
David Koskola & Wm Harris	SE " NW	" " "	14 "	40	40.00		80.07	"	1400	40	"	House & 2 Barns.
Isaac Snell & J. Downey.	SW " NW	" " "	15 "	40	40.00		37.07	"	1500	30	"	House & Barn.
Swend Johnson.	SW " NE	4 " "	18 "	41	41.00		145.30	"	700	10	"	
Emanuel Grund.	NE " NE " SW	15 " "	22 "	10	15.00		15.00	"	600	50	"	House.
Mat. Ryan.	Farm Lot. #1	9 " "	25 "	2.50	5.00	5.00		"	100	2.50	"	
Mat. Meehan.	" " #7	" " "	26 "	2.50	5.00	5.00	10.00	"	100	2.50	"	
John T. Burk.	" " 3	" " "	32 "	2.50	5.00		10.00	"	100	2.50	"	
Andrew Rock.	SW 1/2 " SW SE 1/2 " SE	5 " " 6 " "	4	160	100.00	49.15	.85	"	2000	60	"	House, Barn & Water supply.
John Anderson.	NW " NW	21 " "	5	40	35.00	35.00		"	70	2	"	
John Millimaki	SW " NW	21 " "	6	40	40.00		156.27	"	1000	25	"	
Anthony Powder Co.	SW " NW	12 " "	10	40	150.00	150.00	150.00	"	1000		"	Powder Works Buildings
T. Braastad.	NE " NW	28 " "	13	40	30.00		45.00	"	100	2	"	
" "	SW " SW	34-48-27	16	40	40.00		40.00	"	800	15	"	
	SE " SE	33 " "	17	40	40.00		43.13		1200	30		
William Dymond.	NE " SE	21 47-27	25	40	30.00	33.73	00.00	"	1600	15	Partly	House.
Ole H. Tolmo.	NW " NW	18 " "	28	40	30.00		9.86	"	600	5	"	House & Barn.
Gustave Isaacson.	SE " NW	20 " "	36	40	40.00	45.00	102.51	"	500	4	"	" " "
William Gibson.	Pt. SW " NE	9 " "	39	20	20.00			"	150	2	All.	
Edmund Vadnais	SE " NW	18 " "	40	40	30.00		56.71	"	160	5	Partly	
Nelson Dauquette	NW " NW SE " NW	6 " "	44	80	40.00	20.00	49.85	"	200	20	"	
James Burns.	Farm Lot. #9	9 " "	45	2.50	5.00		10.00	"	100	2.50	All.	
J. Walline.	SE/4 " NE	8 " "	46	40	40.00	45.00	39.10	"	1000	10	"	House & Barn.
Carl Carlson.	NW " NE	17 " "	47	40	30.00	30.00		"	200	5	"	
John Burk.	Farm Lot. 4,5,6	9 " "	47 1/2	7.50	15.00	10.00	17.50	"	300	7.50	"	
Ole Frederickson	Pt. NW " NW	12 " "	48	25	20.00		50.00	"	600	4	"	House & Barn.
William Lindberg	Farm L. 9,10,11,12	9 " "	50	10	20.00		40.00	"	400	10	"	
H. A. Gerling	" " 13	9 " "	52	2.50	5.00	5.00	10.00	"	100	2.50	"	
Erick Anderson.	NE/4 " NE " SE Pt. NW/4 " NW " SE.	4 " "	54	24.20	10.00		36.60	"	60	5.00	"	
Edward Aston.	Pt. SE " NE	21 " "	55	35.50	30.00	48.44		"	700	4	Partly	House & Barn.
Matt Kangas.	NW " SW	9 " "	56	40	60.00	30.00	50.38	"	1000	15	All.	" " "
Henry Hegman.	SW " SE	8 " "	58	40	30.00	8.73		"	600	15	Partly	
Wm. Mitchell & Stapleton	SW " NE	8 " "	59	40	30.00		90.77	"	150	5	"	
W. H. & D. E. Bengry.	NW " SE	8 " "	60	40	30.00		54.85	"	125	5	"	
E. P. Biegler	Farm L. #2	9 " "	61	2.50	5.00		5.00	"	100	2.50	All.	
Chas. Elliott	" " #15	9 " "	62	2.50	5.00	6.00	4.00	"	100	2.50	"	
Wm Sundquist	SW " NW	3-47-26	63	40	35.00	27.60	25.00	"	60	4	Partly	
Cliffs Farm.			64	200	200.00		200.00	"	300	75	"	House & Barn.
Matt Kaappla.	Farm L. 17	9-47-27	65	2.50	7.50		4.37	"	25	1.50	All.	
John T. Anderson	Pt. SE " SW.	4 " "	66	36	30.00	30.00		"	125	2	Partly	
Bessonen Sr.	Farm L. #18	9 " "	67	2.50	7.50		3.12	"	20	1	All	
" Jr.	" " 19	9 " "	68	2.50	7.50		3.12	"	20	1	"	
Isaac Riskee	" " 22	9 " "	69	2.50	7.50		2.50	"	40	2.50	"	
John Granholm.	" " 21	9 " "	70	2.50	7.50	7.50		"	75	2.50	"	
Isaac Taponen.	" " 20	9 " "	71	2.50	7.50		2.50	"	80	2.50	"	
Herman Elson.	" " 14	9 " "	72	2.50	7.50	15.00		"	100	2.50	"	
				1767.20	1727.50	690.52	2027.56		29,520	683.00		

STATEMENT OF TAX SALE PURCHASES.

SALE OF	TAXES OF	AMT. of PURCHASE	REC'D TO NOV.30th	BALANCE DUE.	INTEREST REC'D	REC'D. EXTRA	EXPENSE.
1894	1892	171.46	140.02	31.44	20.31	30.00	
1895	1893	1295.55	1175.33	120.22	123.45	205.85	2.85
1896	1894	1867.14	1716.35	150.79	109.56	43.34	13.00
1898	1895	1237.92	745.01	492.91	50.62	17.03	20.84
1899	1896	1495.33	1082.86	412.47	41.00	26.52	
1900	1897	2762.46	34.89	2727.57			
1901	1898	660.06		660.06			6.01
		9489.92	4894.46	4595.46	344.94	322.74	42.70

COMPARATIVE STATEMENT OF FARM LANDS & LEASES.

	I.C.Co. 1900-1901		C.I.M.Co. 1900-1901	
Farm Leases in force Dec. 1st.	50	57	18	19
Farm Leases issued during year,	7	1	4	
Total,	57	58	22	19
Farm Leases abandoned during year,		1	3	
Farm Leases in force Dec.1st.1901,	57	57	19	19

IRON-CLIFFS COMPANY.	1900	1901
Average amount of Farm Land Sales each,	372.77	321.59
Total Amt. Rec'd from Farm land sales,	6710.00	7075.00
" Receipts from F.L.S. outstanding,	3334.00	5569.63
Number of Acres sold,	784.68	863.78
Number of Acres leased during year,	223.50	2.50
Number of Acres under lease,	1808.00	1767.20
Value of Sales Pine Stumpage,	100.00	
Value of Sales of other Soft Wood,	450.00	630.00 } 1044.55
Value of Sales of Hardwood,	123.09	414.55

CLEVELAND IRON MINING COMPANY.	1900	1901
Number of Acres leased during year,	66.	
Number of Acres under lease,	485	484

CLEVELAND IRON MINING COMPANY.

The following statements of receipts and expenditures, rents, comparative tax statement, condition of farm lands and land statement will show transactions for this year.

CLEVELAND IRON MINING COMPANY

RECEIPTS.

	1900	1901
Bancroft Lot Rents,	151.00	216.00
First Cleveland Lot Rents,	2290.07	1525.46
North Location " "	2440.71	2615.00
Miscellaneous " "	818.34	517.50
Farm Rents,	401.25	443.25
2nd.Add. Lot Sales,	304.50	79.00
1st. " " "	750.00	
Interest,	119.49	
Telephone Rt. of way,	.90	
Total Receipts,	$7276.26	$5396.21

EXPENDITURES.

	1900	1901
OPERATING LAND DEPT.	$1714.90	$1344.17
Salaries,	750.00	828.38
Driving Horse,	31.03	21.77
Expense Timbered Lands,	99.99	58.31
Cleaning Location ,	54.45	
Taxes,	662.45	352.27
General Expense.		
Fuel & Light,	47.73	1.28
Postage,	23.07	11.82
Water & Ice,	3.80	3.05
Stry. & Print.	21.85	25.46
Tele. & Telg.	7.22	14.60
Traveling Exp.	1.75	14.43
Freight & Exp.	1.63	1.30
Rev. Stamps,	7.50	9.00
Janitor,	2.43	
Miscellaneous,		2.50
Total Expenditures,	$1714.90	$1344.17

Cleveland Iron Mining Co.

Statement of Rents & Lot Sales Nov. 30th 1901.

Location	Annual Rental		Amt Due Nov. 30th		Amt Rec'd		Amt Due Nov. 30th		Ave Rental	
	1900	1901	1899	1900	1900	1901	1900	1901	1900	1901
Bancroft	778.00	778.00	1110.00	1189.00	151.00	716.00	959.00	971.00	12.00	12.00
First Clev.	1965.02	1945.02	5090.20	4838.03	2290.09	1525.46	2800.34	3312.57	18.56	18.56
North	2193.00	2461.00	9092.19	9328.46	2240.91	2615.00	4678.46	4913.46	12.00	12.00
Miscell.	486.46	982.46	929.93	692.94	818.34	519.50	276.94	195.44	23.63	23.63
Farm Rents	486.00	449.00	583.99	946.04	401.25	443.46	404.00	507.99		
2nd Add Lot Sales			3049.84	2943.34	304.60	99.00	2943.34	2664.34		
1st " " "					75.00					
	5334.49	5863.49	9890.93	17331.81	6990.89	5396.21	11962.08	12339.69		

Sargent outstanding

Comparative Tax Statement, Cleveland Iron Mining Co.

Townships	Acres 1900	Acres 1901	Valuations 1900	Valuations 1901	Amt. of Tax 1900	Amt. of Tax 1901	Timber Value 1900	Timber Value 1901	Value per Ac. 1900	Value per Ac. 1901	Tax per Ac. 1900	Tax per Ac. 1901	Tons Mined 1900	Tons Mined 1901	Tax per ton 1900	Tax per ton 1901	Amt. of Tax Unpaid 1900	Amt. of Tax Unpaid 1901
Ishpeming	160	160	960	1200	42.30	37.89			600	750	.264	.236						
Tilden	160	160	1040	1040	22.90	23.19	1440	1440	650	650	.143	.144						
Sands	157.24	157.24	800	800	28.85	39.96			509	508	.183	.253						
Ishpeming City			21440	40300	254.68	712.66	1466	1340										
Totals	477.24	477.54	24240	43340	348.73	813.70	2906	2780										

Timber value is figured as follows: Pine $5.00 per M. Hardwood saw logs 50¢ per M. Hardwood 25¢ per cord, softwood 10¢ per cord. Acreage in Ishpeming City is not given because it is composed largely of City Lots.

Lands of the Cleveland Iron Mining Co.

T. 48 N.	R. 27 W. Sec	R. 27 W. Fee.	R. 26 W. Sec	R. 26 W. Fee.	R. 25 W. Sec	R. 25 W. Fee.	TOTALS. Fee.
	24	160.00	*9	40.00			200.00
T. 47 N.	2	473.81			3	157.54	
	3	236.60					
	10	243.15					
	11	633.20					
	14	152.80					
	22	80.00					
	23	80.00					
		1809.56				157.54	2051.10
							2251.10

* The Cleveland Iron Mining Co. owns an undivided half interest in this forty.

City lots are not taken into consideration

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