

OPERATIONS OF THREE YEARS ENDING NOVEMBER 30, 1889, COMPARED WITH THREE YEARS ENDING NOVEMBER 30, 1892.

IRON CLIFFS COMPANY.

\*\*\*\*\*

	PRODUCTION. Tons.	PROFITS.
	Iron Ore. Tons.	
1887, .....	176,353 "	
1888, .....	193,200 "	
1889, .....	216,732 "	
Total, .....	586,285 "	\$549,015.
Average, 1887-1889, .....	195,428 "	\$183,005.
1890, .....	294,206 "	
1891, .....	306,055 "	
1892, .....	361,746 "	
Total, .....	962,007 "	\$934,713.
Average, 1890-1892, .....	321,002 "	\$311,571.
Total Gain in last 3 years,	375,724 = 64.%	\$385,698. = 70.%
Av. Yearly " " " " "	125,241 = 64.%	\$128,532. = 70.%
Average decline in prices in 3 years ending 1892, as compared with 3 years ending 1889 equals about, .....		12.%

SELLING PRICE OF "CLEVELAND HEMATITE" F.O.B. MINE FROM 1887-1892.

\*\*\*\*\*

1890, .....	\$ 3.00	1887, .....	\$ 3.55
1891, .....	2.50	1888, .....	2.75
1892, .....	2.50	1889, .....	2.50
	-----		-----
	\$ 8.00		\$ 8.80
Average, ..	2.66		2.93

Percentage decline in 3 years ending 1892 as compared with three years ending 1889, ..... 9.4%

SELLING PRICE "CLEVELAND NO.1" F.O.B. L.E. PORTS FROM 1887-1892.

1890, .....	\$ 5.75	1887, .....	\$ 6.25
1891, .....	4.50	1888, .....	5.25
1892, .....	4.00	1889, .....	5.00
	-----		-----
	\$14.25		\$16.50
Average, ..	4.75		5.50

Percentage of decline in 3 years ending 1892 as compared with three years ending 1889, ..... 13.4%

*The figures were taken as an illustration of how much prices have declined. Salisbury & Cliffs shaft being similar ones. From this calculation I figured an average decline of about 12%.*

# THE WESTERN UNION TELEGRAPH COMPANY.

This Company **TRANSMITS** and **DELIVERS** messages only on conditions limiting its liability, which have been assented to by the sender of the following message. Errors can be guarded against only by repeating a message back to the sending station for comparison, and the Company will not hold itself liable for errors or delays in transmission or delivery of **Unrepeated Messages**, beyond the amount of tolls paid thereon, nor in any case where the claim is not presented in writing within sixty days after the message is filed with the Company for transmission.

This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

NUMBER	SENT BY	REC'D BY	CHECK
294	Ch	Ro	51 paid

665

**RECEIVED** at CLEVELAND, O. 549 P M. Standard Time.

July 6 1893

Dated Negaunee Mich 6

To A C Mann Mercantile Bank Bldg Cleveland

Telegram received, commissions on Iron	\$ 766322	766322
\$ 631859,	\$ 690178	631859
on ore	\$ 672551	690178
	\$ 901151	2088359

\$ 1248101 Respectively

Austin Jarrell

672551
901151
1248101
<u>2821703</u>

49100.62

# THE WESTERN UNION TELEGRAPH COMPANY.

21,000 OFFICES IN AMERICA. CABLE SERVICE TO ALL THE WORLD.

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This is an **UNREPEATED MESSAGE**, and is delivered by request of the sender, under the conditions named above.

THOS. T. ECKERT, General Manager.

NORVIN GREEN, President.

109 CH QN ST 25 Paid 1157am

**RECEIVED** at

Ishpeming Mich Feb 15

Dated

To R.C. Mann

Cleveland.

189

*Mills { 6840.56*  
*Sumner { 3900.00*  
*597.49*  
*12328.21*

Both telegrams received. Total salaries six thousand eight hundred forty dollars and fifty six cents total office expenses nine hundred ninety dollars and sixteen cents.

F.P.Mills

RECEIVED  
FEB 17 1898

# IRON CLIFFS COMPANY,

DEPARTMENT OF MINES AND MINERALS,  
ISHPEMING, MICHIGAN.

.....Feb 15 1893

R. C. Mann, Esq, Auditor

Cleveland Ohio.

Dear Sir:

The Enclosure herewith detailed statement  
of Salaries and office Expenses as per our Telegram  
of this morning, which will be more satisfactory to you

Yours truly

F. Mills Sup

AGY





*Iron Cliffs Co*

**STATEMENT SHOWING SALARIES OFFICE EXPENSES, ETC., AT MINE AND OTHER OFFICES OF THE COMPANY, COST OF SELLING PRODUCT, ETC., FROM 1887-1889, OF THE IRON CLIFFS COMPANY, IN DOLLARS, LEAVING OUT CENTS; ALSO IN 1892.**

\*\*\*\*\*

	1887.	1888.	1889.	1892.
General Expenses,...	\$ 3,218.	\$12,196.	\$ 4,898.	General expenses, including all commissions on ore and iron, salaries and office expenses of all kinds, etc., etc., (except at Ishpeming and Negaunee) for year 1892.,..... \$40,125. See annual stat. Add Ish. & Neg. main office salaries & Exp.,... \$12,328
Salaries,.....	22,261.	22,860.	24,367.	
Exp. Chicago Office,	2,023.	872.	1,648.	
" New York "	2,035.	1,620.	680.	
Commissions on Iron	7,663.	6,319.	6,902.	
" " Ore,	6,723.	9,012.	12,481.	
<b>Total</b> .....	<b>\$43,923.</b>	<b>\$52,879.</b>	<b>\$ 50,976.</b>	<i>Grand total</i> 52,453.
Total for 3 years,.....			\$147,778.	
Yearly average,.....			\$ 49,259.	
" " Ore Commissions,.....			9,405.	
" " Less " "			\$ 39,854.	
Add what would have been paid on basis of 1892 product,..... 362,000 tons				If therefore in 1892 with a product of 362000 tons, the affairs of the I. C. Co. had been managed on same basis as before 1890, when the management was changed, the total of these expenses would have been about \$63,854.
Less Chicago & Det. sales 122,000 "				
Balance,..... 240,000 "			24,000.	
which would probably have been sold by Hanna & Co. at 10¢ a ton, besides interest, insurance, telegrams, analyses etc.			\$ 63,854.	

LIST OF STOCKHOLDERS IRON CLIFFS CO.

\*\*\*\*\*

<u>NAME.</u>	<u>PLACE OF RESIDENCE.</u>	<u>NO. OF SHARES.</u>	
John Bigelow,	New York.	2	2 R.
Ellen J. Banker,	Irvington-on-the-Hudson	100	
Caroline H. Dall,	Boston, Mass.	40	40 R.
Andrew H. Green,	New York.	2	
Marianne W. Healey,	Boston, Mass.	53	2 R.
Frances W. Healey,	Boston, Mass.	54	
Emily W. Healey,	Boston, Mass.	53	
Levi Holbrook,	New York.	200	200 R.
James H. Hoyt,	Cleveland, O.,	1	
T. P. Handy,	Cleveland, O.	1	
Gertrude L. MacGillicuddy,	Montmoor, N.Y.,	10	
George M. Miller,	Montmoor, N.Y.,	2	
Bertha S. Miller,	Montmoor, N.Y.,	2	
Wm. G. Mather,	Cleveland, O.,	1	1 R.
Samuel Mather,	Cleveland, O.,	1	1 R.
E. R. Perkins,	Cleveland, O.,	1	
Edmund H. Miller,	New York.	1	
Estate of Wm. B. Ogden,	New York.	1000	1000 R.
L. V. F. Randolph,	New York.	2	2
Geo. W. Smith,	New York.	2	2
Amos Townsend,	Cleveland, O.,	1	
The Tilden Trust,	New York.	3892	3892 R.
J. H. Wade,	New York.	14578	14578 R.
Peter White,	Marquette, Mich.,	1	1
		<u>20000</u>	

19123

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# Iron Cliffs Co.

## List of Stock-holders

Nov 30<sup>th</sup> 1892.

Faint, illegible text, likely a list of stockholders or a ledger page, possibly containing names and shares.

IRON CLIFFS COMPANY.

Annual Report of the President to the Stockholders, for the Year  
Ending November 30th, 1892. } *Should be all Capitals.*

Gentlemen:--

During the past year there was produced -

From the "Cliffs Shaft" Mine, .....	184,000	Tons .
" " "Salisbury" Mine, .....	145,900	"
" " "Poster" Mine, .....	23,400	"
" " "Fitch" Mine, .....	8,361	"
T o t a l , .....	361,661	"

From the Pioneer Furnace, .....

12,514	" charcoal pig iron.
--------	----------------------

Total on hand unsold Nov.30,1892:

212,488 tons iron ore; and -  
6,411 " charcoal pig iron.

Nov.30,1891, we had on hand unsold:

67,985 tons iron ore; and -  
19,620 " charcoal pig iron.

Unsold iron ore increased in 1892, .....

144,503	Tons .
" pig iron decreased " " , .....	13,209 "

The decrease in profits in 1892 was the result of lower prices and inability to sell all of the ore. The greater part of our unsold ore is of the hard, **non-bessemer** grade from the "Cliffs Shaft" mine, which the consumers have used very sparingly of late years, the soft ores both **bessemer** and **non-bessemer** having increased in favor and in supply, greatly to the disadvantage of those mines producing the hard varieties, especially when they are **non-bessemer**s. The Lake Superior region produced much more ore last year than the market needed, hence very low prices and largely increased unsold stocks.

Real Estate has been decreased \$15,950.70 by the sale of town lots, farm lands, standing timber, and stumpage of one-half cent a bushel on charcoal used in Pioneer Furnace and made from wood cut from our lands.

Owing to the depression in pig iron prices, the Pioneer Furnace blew out in July and remained idle the rest of the year.





# IRON CLIFFS COMPANY,

DEPARTMENT OF MINES AND MINERALS,  
ISHPEMING, MICHIGAN.

December 1st 1892.

W. G. Mather, Esq., Pres't,  
Cleveland, Ohio.

Dear Sir:-

At Foster Mine on October 1st 1892 we put in a scale for weighing all ore mined, and find that our skips have, for the two months since then, averaged 1.315 tons.

On December 1st 1890 there was in stock, according to the books of the Iron Cliffs Co. at Negaunee, 11798 tons, and this should give, with an extension of 1 ton to skip, an excess of 3716 tons. We do not think it safe or proper to take any of this excess.

Since December 1st 1890 no excess has been taken, as stock pile has not been cleaned up at any time.

Extended at 1 ton to the skip the production has been 18700 tons, or skips from Dec.1st 1890 to Dec.1st 1891,

and at .315 tons excess per skip amounts to 5890 tons.  
14700 tons, or skips from December 1st 1890 to October 1st

1891, and at .315 tons excess per skip amounts to 4630 "  
Making a total excess of 10520 "

This amount of excess we will take and credit to production of year ending December 1st 1892.

Yours truly,

*J. Mills*

Supt.

Correct ..... Auditor.

Approved ..... President.

Iron Cliffs Co.  
Closing Trial Balance  
November 30<sup>th</sup> 1892

Dec. 28<sup>th</sup> 1892

x	✓ 32	Cliffs Shaft Benefit Fund			153674
x	✓ 34	" " Suspense "			153674
x	✓ 150	Salisbury Benefit "			45513
x	✓ 152	" " Suspense "			45513
x	✓ 420	Hospital			53100
x	✓ 412	Pay Roll			2244066
x	✓ 408	Bills Audited			2240596
x	✓ 404	Cash		87335	
<i>all below</i>	✓ 400	Wm S. Mather Treas		5201748	
x	✓ 416	Brass Check Cash			61250
x	✓ 418	Unclaimed Wages			3830
x	✓ 434	Accounts Receivable		44556	
x	✓ 422	Jno Jones Agh			38175
x	✓ 440	Ditch Iron Co.			17012
x	✓ 430	Jas Currow (Cont. Ditch)			136118
x	✓ 434	John McDonell ( " " )			136118
				5328639	5328639
	✓	Supplies C.S.		1317727	
	✓	Explosives "		35957	
	✓	Oil "		4376	
	✓	Lumber "		30214	
	✓	Fuel "		1100755	
	✓	Portable Machinery "		62100	
	✓	Diamond Drills "		123943	
	✓	Supplies Salisbury		414010	
	✓	Explosives "		24392	
	✓	Oil "		3657	
	✓	Drill Steel "		791	
	✓	Lumber "		455603	
	✓	Fuel "		324387	
	✓	Portable Machinery "		15600	
	✓	Supplies Foster		51955	
	✓	Explosives "		2261	
	✓	Oil "		632	
	✓	Lumber "		807	
	✓	Fuel "		158670	
	✓	Portable Machinery "		18067	
	✓	Sundries plus W.S.M. etc		1055844	
				5201748	

Wm S. Mather Treas

Iron Cliffs Co.

ing Trial & Balance

November 30<sup>th</sup> 1972



Iron Cliffs Co  
Copy of Journal-Closing Accounts.  
Nov 30<sup>th</sup> 1892.

Cliffs Staff

<u>Closing Entries Nov. 30/92</u>					
223	Iron Ore		8986283		
206	Air Pipes	✓		34867	
208	Building	✓		105378	
211	Diamond Drilling	✓		302280	
28	Expenses	✓		544197	
39	Loading Stock Pile	✓		248161	
33	Loading Great Pocket	✓		81656	
213	Compressor	✓		1165199	
215	Portable Mch'y Repairs	✓		7533	
214	Shaft House & S. Roads	✓		367	
219	Surface	✓		335416	
29	Setting Ore	✓		197295	
21	Hoisting	✓		1040185	
221	Powering	✓		775178	
27	Docks & Drifters	✓		607977	
32	Laboratory	✓		29780	
35	House Repairs	✓		78189	
34	Land Improvements	✓		158526	
225	Shafts & Drifts	✓		1751175	
10	Relief Fund	✓		185370	
38	Paper	✓		1397614	
223	Iron Ore				775513
34	House Rents		968		
36	Land Rents		39383		
13	Supplies		120016	-	
16	Explosive		1068	-	
18	Oil		1804	-	
22	Lumber		12290	-	
26	Portable Machinery		15	-	
29	Diamond Drills		2652	-	
01	Wm G. Mather Dras		25392000		
223	Iron Ore 18400 tons @ 1.38				25392000



Iron Cliffs Co.  
Copy of Journal - Closing Accounts  
November 30<sup>th</sup> 1892

Salisbury

Closing Entries Nov. 30/92				
249	Iron Ore	54	680	08
64	Wire Ropes			5900
88	Air Pipes			17440
231	Building			67343
233	Diamond Drilling			366437
62	Expenses			313191
86	Loading Stock Pile			593693
235	Compressor			383034
234	Portable Mch Repairs			2520
239	Shaft House & Skip Rds			15729
241	Surface			131746
243	Timbering			1077306
65	Hoisting			732509
245	Cranping			2865
244	Docker Drestles			25931
66	Laboratory			73080
69	House Repairs			81015
251	Shafts & Drifts			1077696
72	Relief Fund			60750
78	Taxes			209266
52	Oil			02
56	Lumber			20
60	Portable Machinery			11900
249	Iron Ore			185440
68	House Rents	1	662	00
70	Land Rents		14	00
47	Supplies	1	783	1
50	Explosives			06
54	Drill Steel			03
01	Wm G. Mathers Deas	1	33	498 50
249	Iron Ore 145900 tons (year)			13349850

Iron Cliffs Co.  
Copy of Journal - Closing Accounts  
November 30<sup>th</sup> 1892

Foster

Closing Entries Nov. 30. 1892

262	Iron Ore	1341251	
257	Buildings		20644
102	Expenses		71537
267	Shaft & Drift		248555
116	Loading Stock Pile		66736
109	Surface		4877
105	Hoisting		351510
259	Pumping		500396
261	Portable Mch'y Repairs		14518
106	Laboratory		5874
111	House Repairs		6868
112	Taxes		49736
<hr/>			
110	House Rents	39910	
91	Supplies	18669	
92	Explosive	1574	
94	Oil	331	
98	Lumber	150	
108	Portable Mch'y	1667	
262	Iron Ore		62301
<hr/>			
01	Wm G Mather Deas	2971800	
262	Iron Ore 23400 tons		2971800

Iron Cliff Company  
Copy of Journal - Closing Accounts  
November 30<sup>th</sup> 1892

*Fitch*

Closing Entries Nov. 30/92

249	Iron Ore	5883 75	
241	Blacksmith Shop		963 62
243	Compressor		2162 28
124	Hoisting		910 90
245	Portable Machy Rep.		14 00
244	Grinding		565 45
132	Expense		98 00
130	Laboratory		12 60
129	Loading Stock Pile		502 07
126	Teaming		264 93
124	Surface		38 86
128	Sorting Ore		351 04
249	Iron Ore	2744 36	
131	Jac Morrow Contractor		1361 18
131	Jno M'Donnell "		1361 18
01	Wm G. Mather Deas	17717 00	
249	Fitch Iron Ore		17717 00
	1650 tons #1 Ore mined by Camb. @ 75 <sup>cs</sup> 4175.00		
	6796 " #2 " " " " " 75 <sup>cs</sup> 13592.00		
122	Fitch House Rents	170 12	
249	Fitch Iron Co		170 12
	Amount collected for houses while working mine on contract		

Iron Cliffs Co.  
Copy of Journal - Closing Accounts  
November 30<sup>th</sup> 1892

Cliffs Shaft Closing Entries Nov. 30-92

W <sup>m</sup> G. Matherenas Inventory		2675072	
Supplies	Genl Supplies	851.74	
	Morars	897.50	
	C. W. S.	184.65	
	C. S. & Derricka	758.85	
	Power Drills	7784.53	
	Total Supplies		
	Explosive		35957
	Oil		4376
	Fuel		1100755
	Lumber		30214
	Portable Machy		62100
	Diamond Drills		123943

Galienmy Closing Entries Nov. 30. 92

W <sup>m</sup> G. Matherenas Inventory		1238440	
Supplies	Genl Supplies	7310.60	
	Morars	475.00	
	C. W. S. Sights	90.15	
	C. S. & Derricka	527.00	
	Power Drills	777.35	
	Explosive		
	Oil		74392
	Drill Steel		3657
	Lumber		791
	Fuel		455603
	Portable Machinery		324387
			15600

Foster Closing Entries Nov. 30/1892

W <sup>m</sup> G. Matherenas Inventory		838392		
Supplies	Genl Supplies	201.65		
	Morars	162.50		
	C. W. S. Sights	56.55		
	C. S. & Derricka	98.85		
	Explosive			51955
	Oil			7761
	Lumber		632	
	Fuel		807	
	Portable Machinery		158670	
			18067	



Iron Cliffs Co Trial Balance Nov<sup>r</sup> 30<sup>th</sup> 1892

1	Antrim Iron Co	376504	
16	Leavie Furnace Co	91428	
17	Testing Pig Iron	3165	
19	Interest (Ore)	643359	
20	Analyses	143849	
22	Commissions (Ore)	2146430	
23	Interest (Pig Iron)		7060
29	Commission (Pig Iron)	697856	
30	Cleveland-Cliffs Iron Co		177710
31	Martel Furnace Co	62425	
32	H. Lloyds Sons Co	153100	
33	Dockage & Handling Pig Iron	551685	
35	General Expense	1166212	
36	Special Expense	2000	
37	Riverside Iron Works	3541669	
38	Lake Shore Iron Works	97279	
39	Royalty <i>af</i>		863856
40	Lake Freight (Pig Iron)	2394050	
45	Gaylord Iron Co	257827	
47	Brown & Co	320000	
51	F. P. Mills Sup <sup>t</sup>	82335	
53	M A Gibbs Ag <sup>t</sup>	97207	
54	W. O. Butler		2820000
59	Illinois Steel Co (Stock)	5676000	
62	Agents Drafts Payable	2900000	
65	St Clair Steamship Co	15000	
66	Lake Superior Transit Co	8000	
67	Lake Freight on Ore	19813127	
68	Michigamme Co	34000	
71	Elk Rapids Iron Co	615949	
75	Rail Freight on Ore	12007798	
76	Peninsular Iron Co	347542	
77	Union Iron Co	631361	
86	Rail Freight (Pig Iron)	3256878	
92	La Belle Iron Works	248428	
98	Richards Mather & Co	666666	
99	Cargo Insurance (Ore)	116024	
	Forward	59165153	3868626



continued

		Amount forward	59165153	3868626
101	Wellman Iron & Steel Co		3821	
103	Cargo Insurance (Pig Iron)		35729	
105	Monongahela Furnaces		4762517	
107	Shoenberger Speer & Co		2124996	
118	Bills Receivable		22625833	
122	Cliffs Shaft Ore a/c			8181172
128	Pickands Brown & Co		844671	
136	Cash		16038448	
145	Pickands Mather & Co		14623654	
155	Pioneer Furnace		11310901	
159	The Andrews Bros Co		1651750	
161	Clinton Iron & Steel Co		3812938	
164	Illinois Steel Co		7079937	
168	The Oliver Iron & Steel Co		8500000	
170	Vouchers a/c			2884587
176	Jefferson Iron Works		3016666	
178	Cleveland Iron Mining Co		1159829	
196	Pig Iron Sales			13763501
200	Real Estate		<del>76151176</del>	
201	Capital Stock			100000000
202	Surplus			103530810
203	Profit & Loss			31196109
204	Dividend a/c		232911021	2434648015
221	Land Rents (Fee)		20000000	
222	Kilns			9600
227	Accounts Receivable		714243	
228	House Rents (Fee)		44556	
231	Cliffs Shaft Mine			108725
236	House Rents (C.S. Mine)		28919304	
237	Land Rents "			96800
238	Benefit Fund "			39383
239	Benefit Fund (Salis. Mine)			307348
240	House Rents (Foster Mine)			91026
241	House Rents (Fitch Mine)			39910
241	Brass Check Cash			17012
242	House Rents (Salis Mine)			61250
				166200
			282978411	264362059

continued

	Am't forward	282978411	264362059
243	Land Rents (Salis Mine)		1400
244	Relinquings & Renewals (Fee)		122209
245	Hospital		53100
246	Salisbury Mine	14660119	
249	Salisbury Ore		48004248
250	Foster Mine	3210892	
252	Foster Mine Ore $\frac{1}{2}$	1104623	
255	Unclaimed Miners Wages		3830
256	Barnum Ore	4617347	
258	Fitch Mine	1386075	
<del>257</del>	<del>Timber &amp; Wood Sales</del>		<del>204566</del>
262	Farming		110157
263	Timber Lands	333323	
264	Cliffs Barns Fire		275000
264	Options		10000
265	Lands	489982	
266	Charcoal	8557610	
268	Taxes (Fee)	308392	
269	Buildings	125083	
<del>270</del>	<del>Stumpage</del>		<del>22057</del>
271	Mineral Lands		30000
272	Chicago & N. W. Ry Co	6749	
273	Jno Jones		38175
274	Austin Farrell	277757	
276	Frank C Roberts	100000	
280	Pay Rolls		2244066
282	Bills Audited		2240596
286	Jas Curnow (Fitch Mine)		136118
286	Jno M <sup>c</sup> Donal		136118
		318156363	318156363

Iron Cliffs Co.

*Trial Balance*

*Nov 30<sup>th</sup> 1892.*

# Iron Cliffs Co

Statement of Condition Nov<sup>r</sup> 30<sup>th</sup> 1892

Assets			
Real Estate		761,511.76	
Ore on hand unsold at Mines	156,297.53	761,511.76	
" " " L.C. Ports	<u>338,490.82</u>	494,788.35	
Pig Iron on hand unsold at Furnace	72,801.12		
" " " L.C. Ports	<u>14,074.28</u>	86,875.40	
Supplies at Mines		414,590.44	
Cash at Mines		823.35	
Supplies at Furnace		37,155.94	
Cash at Furnace		972.07	
Illinois Steel Co Stock		567,600.00	
Accounts Receivable	Less 130,972.77	583,770.19	
Bills Receivable	" 54,720.82	226,258.35	
Cash at Cleveland	134,181.21	<u>160,384.48</u>	
			2,450,758.93
Liabilities			
Capital Stock		1,000,000.00	
Accounts Payable		84,864.04	
Retinings & Renewals (Furnace)		12,220.97	
Benefit Funds		39,837.44	
Brass Check Cash		6,125.00	
Unclaimed Miners Wages		383.00	
Pay Rolls		<u>224,406.66</u>	
			1,113,161.33
			<u>1,337,597.60</u>
Surplus Nov <sup>r</sup> 30 <sup>th</sup> 1891	1,035,308.10		
Profit & Loss " "	<u>329,344.62</u>		
	1,364,652.72		
Loss for 1892	<u>27,055.12</u>		
	<u>1,337,597.60</u>		
200,000		1,364,652.72	
<u>27,055.12</u>		172,944.88	
172,944.88		<u>1,537,597.60</u>	
		200,000	
		<u>1,337,597.60</u>	

**Iron Cliffs Co.**

*Statement of Condition*

*Nov 30<sup>th</sup> 1892*



# Iron Cliffs Co statement of Ore on hand unsold Nov<sup>o</sup> 30<sup>th</sup> 1892

	Barnum	Cliff Shaft	Salis. Bess:	Salisbury	Foster	Old Mine Barnum	Pioneer Bess	Fitch	Excelsior	Total
On hand at Mines unsold Nov 30 <sup>th</sup> 1891	3998	11,465	3621	3336	21890					44,810
" " " in cars & docks " "					164					164
" " Lake Erie Ports " "	14,789	5,251	2,926			353	192			23,511
Produced during the year ending Nov 30 <sup>th</sup> 1892	28,165	154,277	78,880	67,020	23,400			8,361	1,558	361,661
Purchased of Cle Iron Mfg Co " "			37,371 <sup>750</sup>	37 <sup>1520</sup>						37,409
" Pioneer Lurnau " "					1,343 <sup>1020</sup>					1,343
Barnum Ore transferred to Cliff Shaft		57								57
Salisbury Bess " Salisbury				37						37
Overruns at L. E. Ports during year 1892	540 <sup>820</sup>	286 <sup>1440</sup>								824
<b>Total Receipts &amp;c</b>	<b>47,492<sup>820</sup></b>	<b>171,336<sup>1440</sup></b>	<b>122,798<sup>750</sup></b>	<b>70,430<sup>1520</sup></b>	<b>46,797<sup>1020</sup></b>	<b>353</b>	<b>192</b>	<b>8,361</b>	<b>1,558</b>	<b>469,319</b>
<b>Less</b>										
Barnum Ore transferred to Cliff Shaft	57									57
Salisbury Bess " Salisbury				37						37
Shortages during the year at L. E. Ports		24 <sup>1570</sup>	61	24 <sup>330</sup>						109
1% on Sundry B/L during the year 1892	252	866	641	209						1,968
Cleveland Iron Mining Co		874								874
Hubbard Iron Co	46									46
Sold during the year as per sheets attached	6,276	39,480	121,961	68,942	16,311				1,558	254,528
<b>Total Sales &amp;c</b>	<b>6,631</b>	<b>40,454</b>	<b>122,700</b>	<b>69,175</b>	<b>16,311</b>					<b>256,831</b>
<b>Total on hand unsold Nov 30<sup>th</sup> 1892</b>	<b>40,861</b>	<b>130,882</b>	<b>98</b>	<b>1,255</b>	<b>30,486</b>	<b>353</b>	<b>192</b>	<b>8,361</b>		<b>212,488</b>
The Unsold Ore lies at { Mines	7,225	77,146		1,255	30,486					116,112
{ Lake Erie Ports	33,635	53,736	98			353	192	8,361		96,376
<b>Total on hand unsold 11/30/92</b>	<b>40,861</b>	<b>130,882</b>	<b>98</b>	<b>1,255</b>	<b>30,486</b>	<b>353</b>	<b>192</b>	<b>8,361</b>		<b>212,488</b>

# Iron Cliffs Co

## List of Sales of Ore during the year ending Nov<sup>e</sup> 30<sup>th</sup> 1892

		Cliffs Shaft Ore including Fuel Oil	tons				
Sold at Mines	Pioneer Furnaces		1955	<sup>1030</sup>	337052	x	
	Ashland Iron & Steel Co		1434	<sup>570</sup>	543688	x	
			3389	<sup>1530</sup>	9110740		
Sold at L. & Ports	Monongahela Furnaces		30000		10516746	x	
	Brown Borell Iron Co		52	<sup>2220</sup>	18547	x	
	Carnegie Phipps & Co		37	<sup>420</sup>	13403	x	
	Carrie Furnace		1000		360000	x	
	Clinton Iron & Steel Co		7003	<sup>780</sup>	2401164	x	
	Wellman Iron & Steel Co		39	<sup>40</sup>	13655	x	
				38.132	<sup>1270</sup>	13323515	
			484	<sup>1197</sup>	181700		
			37.648	<sup>70</sup>	13141815		
Cancelled order	Purchased of Tumber Fee Co	4844	<sup>1197.57</sup>	1817.00			
	Iron Ore Assessment			295.74			
	Penalties			269.59			
<i>Salisbury Ore</i>							
Sold at Mines	Pioneer Furnaces		7823	<sup>820</sup>	1682019	x	
	Illinois Steel Co		74059	<sup>536</sup>	17116047	x	
	Union Iron Co		5349	<sup>1140</sup>	1202350	x	
	Gaylord Iron Co		5934	<sup>1320</sup>	1596333	x	
	Peninsular Iron Co		5379	<sup>220</sup>	1441707	x	
	Allegheny Iron Mining Co	to Langdon 3,600 B		1761		704400	x
			100.606	<sup>1810</sup>	23742886		
Sold at L. & Ports	Riverside Iron Works	B	20,000		8526170	x	
	Oliver Iron & Steel Works	B	20,000		8500000	x	
	Schaenberger Speer & Co	B	20,000		8500000	x	
	Cambria Iron Co	B	45	<sup>1520</sup>	166444	x	
	Andrews Bros Co		10,000		3300000	x	
	Clinton Iron & Steel Co		10,450	<sup>2610</sup>	3501049	x	
	Jefferson Iron & Steel Wks	B	10,000		3620000	x	
	La Belle Iron Wks	B	102	<sup>1520</sup>	41125	x	
				90.608		36004988	
		Purchased of Detroit Iron Wks	150	<sup>1270</sup>	312.28		
	Penalties			124.83			
	Purchased of C. I. M. Co	37409	<sup>330</sup>	95.366.65			

Iron Cliffs Co

List of Sales of Ore during the year ending Nov<sup>r</sup> 30<sup>th</sup> 1892

Foster Ore				
Sold at Mine	Pioneer Furnace	733	<sup>1880</sup>	121082 ✓
	Martel Furnace	406	<sup>1820</sup>	65089 ✓
	Antoin Iron Co	10,760	<sup>40</sup>	1614004 ✓
	Cleveland Iron Mining Co	561	<sup>840</sup>	89820 ✓
	Elk Rapids Iron Co	3,849	<sup>1580</sup>	615949 ✓
		16,314	<sup>1600</sup>	2505944
	Switching	26.64		
	Purchase P. Fee <sup>1020</sup> 1343	249.53		

Barnum Ore				
Sold at L. E. Forts	Youngstown Steel Co	202	<sup>2220</sup>	91345 ✓
	Belfont Iron Works	108	<sup>950</sup>	48796 x
	Eagle Iron & Steel Co	199	<sup>1570</sup>	89869 x
	Cleveland Iron Mig Co	2899	<sup>1860</sup>	1172414 x
	H. Lloyds Sons	1,447	<sup>1400</sup>	603920 x
	Iron Lad Paint Co	100		45000 x
	La Belle Iron Wks	578	<sup>580</sup>	207303 x
	Brown & Co	800		320000 x
		6276	<sup>1910</sup>	2578647

Iron Cliffs Co

List of Sales of Ore during the year ending Nov<sup>r</sup> 30<sup>th</sup> 1892

		Foster Ore				
Sold at Mine	Pioneer Furnace	733	<u>1850</u>	121082	✓	
	Martel Furnace	406	<u>1820</u>	65089	✓	
	Antoin Iron Co	10,760	<u>40</u>	1614004	✓	
	Cleveland Iron Mining Co	561	<u>840</u>	89820	✓	
	Tell Rapids Iron Co	3,849	<u>1580</u>	615949	✓	
		16,311	<u>1680</u>	2505944		
	Switching	26.64				
	Purchase P. Fee	1343	<sup>1020</sup> 2449.53			

		Barnum Ore				
Sold at L. E. Ports	Youngstown Steel Co	202	<u>2220</u>	91345	✓	
	Belfont Iron Works	108	<u>950</u>	48796	x	
	Eagle Iron & Steel Co	199	<u>1570</u>	89869	x	
	Cleveland Iron Mig Co	2899	<u>1860</u>	1172414	x	
	A. Lloyds Sons	1,447	<u>1400</u>	603920	x	
	Iron Lad Paint Co	100		45000	x	
	La Belle Iron Wks	578	<u>580</u>	207303	x	
	Brown & Co	800		320000	x	
		6276	<u>1910</u>	2578649		

Iron Cliffs Co.

*Acc Account*

*Nov 30<sup>th</sup> 1892*



Iron Cliffs Company.  
Copy of Journal - Closing Accounts  
November 30<sup>th</sup> 1892

145	Taxes Unpaid		1658449	
142	Bills Audited Supplementary to November Bills Audited			1658449
03	Real Estate		500000	
139	Options		400000	
01	Wm G. Mather Deas. Amounts collected on Real Estate sale & for Option granted during year			540000
01	Wm G. Mather Deas		175876	
138	Mineral Lands Amount expended on surveys Etc of Mineral Lands during year			175876

Lou Cliffs Co.  
Department of Mines & Minerals

Closing Entries

Nov. 30<sup>th</sup> 1892



RECEIVED

FEB 1 1898

J. H. S.

File with  
an Report

Detroit July 30<sup>th</sup> / 93

Mr W. G. Mather

Cleveland Ohio

Dear Sir

Yours of the 26<sup>th</sup> is to hand and contents noted and I will give you as near<sup>a</sup> connect report as possible as to the operations of the purifiers which are in the Pioneer's boilers

(1) I blew off the boilers just twice from the 5<sup>th</sup> of July till we laid up which was five months

(2) Without the purifiers I usually blow off every four or five weeks



(3) They did not cause any trouble as to leaking nor did they require any repairing

(4) They would not be in the way in making any repairs to the boilers unless some of the tubes had to be taken out

(5) I would also state that I think it a good purifier as I found the boilers in good shape and free from scale when I laid them up

The inventor of the purifier does not want any compounds put in the boilers and they want to be blown out twice a watch

when the boat is running in order to do the work properly

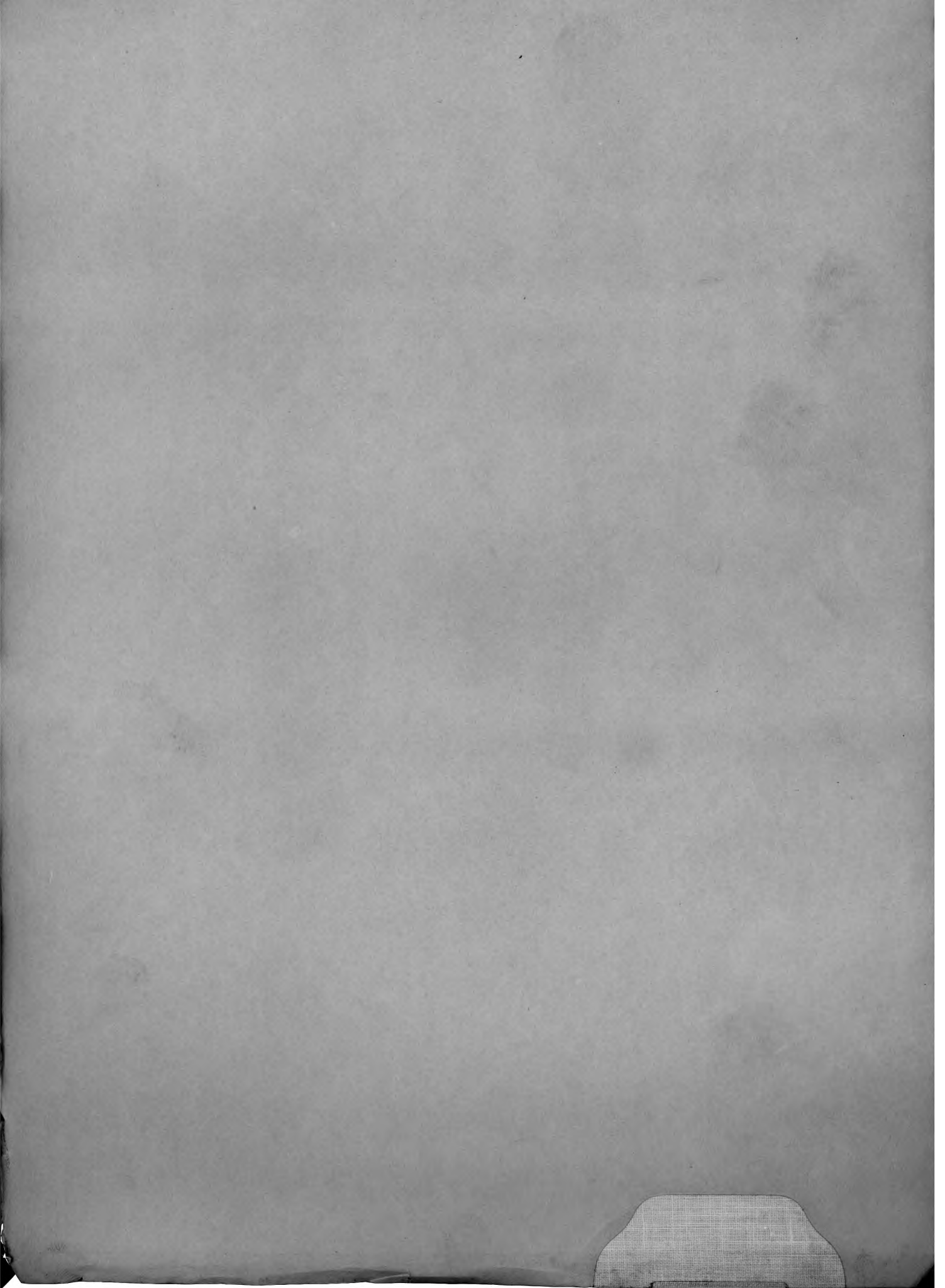
Yours Respectfully

D A Black

276-15<sup>th</sup> Street

Detroit Mich





# Rands

1891

Dec	31	To taxes	485400		
		" Express	50		
		" Abstracts of rights of way (Ry)	300		
		" Fitting snowshoes	300		
		" Field notes	150		
		" Plate of five towns	625		
		" Drawing material	110		
Sept	30	" 1/2 Saml Redfern's traveling expenses	545		
		" Drawing Material	1120		
		" Sundries	50		
		" Express on drawing material	75		
		" " " "	70		
		" Drawing material	1187	489982	

# Timber Lands

1891

Dec	24	To Cash	surveyors helper	3 50	
		"	Parce	Chocolate T <sup>ps</sup>	55346
		"	"	Aluse	5053
		"	"	Marquette City	42957
		"	"	Forsyth T <sup>ps</sup>	3589
		"	"	Maple Ridge T <sup>ps</sup>	6765
		"	"	Marquette "	22308
		"	"	Richmond "	32460
		"	"	Tilden "	8377
		"	1/4 Saml Redfern	salary for Dec	4166
		"	3/4 Jro	" "	7500
1892 Jan	30	"	3/4 Jro	" railway ticket	3000
		"	3/4 "	" salary for Jan	7500
		"	1/4 Saml	" "	4166
Feb	29	"	1/4 "	" railway ticket	1000
		"	1/4 "	" salary for Feb	4166
		"	3/4 John	" "	7500
March	31	"	1/4 Saml	" traveling expenses	357
		"	1/4 "	" salary for Mch	4166
		"	3/4 John	" "	7500
April	30	"	Cash		40
		"	1/4 Saml	" " Apr	4166
		"	3/4 John	" "	7500
May	31	"	Cash		75
		"	1/4 Samuel	" traveling expenses	790
		"	1/4 "	" railway ticket	625
		"	3/4 John	" traveling expenses	207
		"		Making maps	600
		"		Township diagrams	170
		"	3/4 John Redfern	By ticket	1025
		"	3/4 "	" salary for May	7500
		"	1/4 Saml	" "	4166
		"		Surveyors helper	923
June	30	"	Abstracts of lands		650
		"	1/4 Saml Redfern	salary for June	4166
		"	3/4 John	" "	7500
July	31	"	3/4 "	" " July	7500
		"	1/4 Saml	" "	4166
				carried forward	280011

		Brought forward	280011	
Aug	17	To 1/4 Saml Redfern's travelling expenses	185-	
		" 1/2 " "	125-0	
		" 1/4 " salary for Aug	4166	
		" 3/4 John " "	75-00	
		" Surveyors helper	1120	
		" Expense on drawing material	5-0	
Sept	26	" " "	130	
		" 1/2 Saml Redfern's travelling expenses	545-	
		" 1/4 " salary for Sept	4166	
		" 3/4 John " "	75-00	
		" Surveyors helper	998	
Oct	31	" 1/2 Saml Redfern's travelling expenses	125-0	
		" 1/4 " salary for Oct	4166	
		" <del>Surveyors helper</del> <sup>Exp on drawing material</sup>	600	
		" 3/4 John Redfern "	75-00	
Nov	30	" 3/4 " " " Nov	75-00	
		" 1/4 Samuel " "	4166	
		" 1/4 " " travelling expenses	1000	334923
		Cr		
1891				
Dec	31	By Surpass Joe Jereaux on S. E. 1/4 of S. W. 1/4 Sec 29-42-22.		1600
				333323



1891

## Farming

Dec	22	By Cash. 1 brown horse	20 00		
		" C. Johnson 23 00* Hay	16 00	18 40	
		" R. Corbit 144 70*	14 00	10 129	
		" Insurance, on loss of barn & contents by fire		100 000	
		" Hugh Viant rent of house* 110 for Dec		3 00	
		" J. Johnson " - "		3 00	
1892		" Supplies sold to Houston Coal Job		55 00	
Feb	29	" H. Viant rent of house* 110 for Jan		3 00	
Jan	30	" W <sup>m</sup> Jeffery " 109 Apr 18 to June 18		6 00	
		" Andrew Rock % purchase of standing crop of hay for 1892		20 000	
		" H. Viant rent of house* 110 for Feb & Mch		6 00	
		" W <sup>m</sup> Jeffery " 109 " July		3 00	
		" T. Buzzo " 138 " June		8 00	
Aug	31	" A. Rock bal. due on purchase of hay		25 000	
		" W <sup>m</sup> Jeffery rent of house* 109 1 Mo to Aug 18		3 00	
		" Hugh Viant " 110 for May		3 00	
		" H. Kopoot " 108 " June & July		6 00	
		" J. Dalley " 111 " 1 Mo to Sept 18		4 00	
		" Aug Abalo " 116 "		24 00	
		" W <sup>m</sup> Jeffery " 109 " to Sept 18		3 00	
		" Hugh Viant " 110 " for June		3 00	
Nov	30	Supplies sold Salisbury & Foster mines		43 00	
		" C. Gorman 46 00* Hay @ 12 00		27 60	
		" E. C. Anthony 44 50* " @ 14 00		31 15	1774 94

1891

Dr

Dec	1	To balance	159 83		
1892	29	" Taxes for 1891	44 12		
Apr	30	" Labor	137 5		
May	31	" "	29 00		
June	30	" "	23 87		
July	31	" Team work	13 50		
		Gain	155 207	1836 14	
		Balance as per Inventory		61 20	

# New Furnace

1892

Oct	31	To job on sample fire brick	5'0'		
		" Jas E Jopling Ins work done at Marquette	35 00		
Nov	30	" Austin Furrel expense trip to Gladstone	4 00		
		" " " " West Superior Wis	21 40		
		" L.S. Iron Co Ins job pole set for founding	65 1		67 46

# Ground Rents

1891						
Dec	31	To 1/4 Mr S Redfern's salary for Dec			4167	
1892						
Jan	31	" 1/4 " " Jan			4167	
Feb	29	" 1/4 " " Feb			4167	
		" 1/4 " " traveling expenses			1000	
Mar	31	" 1/4 " " "			358	
		" 1/4 " " salary for Mar			4167	
Apr	30	" 1/4 " " Apr			4167	
May	31	" 1/4 " " May			4166	
		" 1/4 " " traveling expenses			1415	
		" Advertising farm lands			1200	
June	30	" 1/4 Mr S. Redfern's salary for June			4167	
July	31	" 1/4 " " July			4167	
Aug	31	" 1/4 " " Aug			4167	
		" 1/4 " " traveling expenses			185	
		" 1/4 " " "			1250	
		" Express on drawing material			50	
		" Printing			375	
Sept	30	" 1/4 Mr S. Redfern's salary for Sept			4167	
Oct	31	" 1/4 " " Oct			4167	
Nov	30	" 1/4 " " Nov			4167	
		" 1/4 " " traveling expenses			1000	56836

1892		<u>Cr</u>				
Jan	31	By Andrew Rock	rent of farm as per lease		9908	
Feb	29	" Anthony Powder Co	rent of powder house 1/2 to 2/2/93		6000	
		" Andrew Rock	bal. due on rent of farm		98	
Mar	31	" R. S. Powder Co	rent of magazine on Sec 12 from Mar 12/90 to Mar 12/92		2000	
		" T. Braastad & Co	ground rent near Knithorpe from Oct 1/90 to Apr 1/92	50	900	
		" Chas Johnson	1/2 ground rent on S W 1/4 N W 1/4 Sec 20-47-27		2500	
Apr	30	" T. Buzzo	rent of house # 138 at Cliffs for Apr		800	
		" W King	" farm as per lease		2500	
		" R. Armstrong,	cutting hay on Sec 15		800	
		" A Braudreau	rent of house 245 at Picketts ford		100	
		" " " 247 " "			100	
		Carried forth			25706	56836

Apr	30	Brot feed	257 06	56836
		By Madden & Cullen rent of house 208 at 22 Mile post, from Feb 15 to May 15 1892	6 00	
May	31	" Jno Farm, rent of farm as per lease	20 00	
		" N Bayrau " "	40 50	
		" J.A. Jacobson " "	20 00	
		" W <sup>m</sup> Goldworthy " "	20 00	
		" John Anderson " "	35 00	
		" John Farm " "	20 00	
		" M. Racose rent of house 257 at Iron Kulus for May	3 00	
		" C. Henderson, Cutting hay on Sec 21-47-27	5 00	
		" W. Duquette ground rent near Wraithrope for May June & July	15 00	
		" J. A. Jacobson rent of farm as per lease	10 00	
		" W <sup>m</sup> Goldworthy % " "	5 00	
		" T. RaBranch rent of house # 202 at 22 for May & June	6 00	
		" T. Ruardt pasturage at 22 M.P. for 1892	10 00	
		" T. Buzzo rent of house # 138 at Cliffs for May	8 00	
		" M. J. Mitchell rent of farm per lease	17 00	
		" J. Williams ground rent 1/2 to June 1/92	9 00	
June	30	" " cutting hay on Sec 21-47-27	10 00	
		" T. Basha " near Ogden location	5 00	
		" J. Racose rent of house # 264 at Iron Kulus for June	3 00	
		" A. Beaubray " # 245 at Perkins " May & "	2 00	
		" " " # 247 " " "	2 00	
		" J. W. Alexander rent of farm per lease	40 00	
		" T. Nichols % purchase of powder house on Dec 12	139 00	
		" T. RaBranch rent of house 202 at 22 for July & Aug	6 00	
		" W <sup>m</sup> Hendrickson for pasturage	2 00	
Aug	31	" N Bayrau bal due on rent of farm per lease	60 00	
		" T. Nichols % pur of powderhouse on Dec 12	110	
		" T. Goldworthy % rent of farm	25 00	
		" Noah King "	25 00	
		" T. Nichols % pur of powder house on Dec 12	5 00	
		" A. Rock bal due on rent of farm	635 00	
Sept	30	" T. Nichols % pur of powderhouse on Dec 12	3 00	
Oct	13	" J. Racose rent of house 264 at Iron Kulus for July Aug & Sept	9 00	
		Carried forward	768 06	56836



Apr	30	Brot feed	257 06	56836
		By Madden & Cullen rent of house 208 at 22 Mile post, from Feb 15 to May 15 1892	6 00	
May	31	" Jno Farm, rent of farm as per lease	20 00	
		" N Bayrau " "	40 50	
		" J.A. Jacobson " "	20 00	
		" W <sup>m</sup> Goldworthy " "	20 00	
		" John Anderson " "	35 00	
		" John Farm " "	20 00	
		" M. Racoss rent of house 257 at Iron Kells for May	3 00	
		" C. Henderson, Cutting hay on Sec 21-47-27	5 00	
		" W. Duquette ground rent near Wraithrope for May June & July	15 00	
		" J. A. Jacobson rent of farm as per lease	10 00	
		" W <sup>m</sup> Goldworthy % " "	5 00	
		" T. RaBranch rent of house # 202 at 22 for May & June	6 00	
		" T. Ruardi pasturage at 22 M.P. for 1892	10 00	
		" T. Buzzo rent of house # 138 at Cliffs for May	8 00	
		" M. J. Mitchell rent of farm per lease	17 00	
		" J. Williams ground rent 1/2 to June 1/92	9 00	
June	30	" " cutting hay on Sec 21-47-27	10 00	
		" T. Basha " near Ogden location	5 00	
		" J. Racoss rent of house # 264 at Iron Kells for June	3 00	
		" A. Beaubray " # 245 at Perkins " May & "	2 00	
		" " " # 247 " " "	2 00	
		" J. W. Alexander rent of farm per lease	40 00	
		" T. Nichols % purchase of powder house on Dec 12	139 00	
		" T. RaBranch rent of house 202 at 22 for July & Aug	6 00	
		" W <sup>m</sup> Hendrickson for pasturage	2 00	
Aug	31	" N Bayrau bal due on rent of farm per lease	60 00	
		" T. Nichols % pur of powderhouse on Dec 12	110	
		" T. Goldworthy % rent of farm	25 00	
		" Noah King "	25 00	
		" T. Nichols % pur of powder house on Dec 12	5 00	
		" A. Rock bal due on rent of farm	635 00	
Sept	30	" T. Nichols % pur of powderhouse on Dec 12	3 00	
Oct	13	" J. Racoss rent of house 264 at Iron Kells for July Aug & Sept	9 00	
		Carried forward	768 06	56836

1892

Oct	13	Brookford		76806	56836
	14	By N. Duquette ground rent 3 Mos to Oct 20/92		150	
	17	" M. Hebert " 20 " to Dec 1/92		1000	
		" Wm Jeffery rent of house # 109 at Cliffs 1 Mos to Oct 18/92		300	
		" J. Dalley " # 111 " 1 " " 15/92		400	
		" J. Ahola " # 116 " 1 " " July 1/92		300	
		" H. Raport " # 108 " 1 " " Sept 1/92		300	
	27	" J. Stephens ground rent for Nov		125	
	28	" E. King " from July 1/91 to Nov 1/92-50		800	
Nov	2	" T. Nichols bal due on purchase of P. H. on Dec. 10		200	
		" " ground rent for 4 Mos to Nov 1/92		400	
	9	" Hugh Vicant rent of house # 110 at Cliffs for June & July		600	
		" M. Roes " # 257 at Iron Kiln 5 Mos			
		to Nov 1/92 300		1500	
	17	" Peter Brudell pasturage of cow for 1892		800	
		" T. Nichols ground rent 1 Mos to Dec 1/92		100	83781
					26945

# Sales Pioneer Lots

1892

Mar	31	By Levi Ethier interest on ac		31 29		
"	"	Cash Joshua H Johnson Lot 8 Blk 29		100 00		
"	"	" L Corbet "10 to 18 " 17		600 00		
"	"	" H C Anderson " 9 " 29		100 00		
"	"	" " " " 10 " 29		100 00		
"	"	" J H Johnson " 8 " 29		25 00		
Apr	30	" " Christ O Hansen " 11 " 29		250 00		
"	"	" L Corbet "10 to 18 " 17		600 00		
"	"	" H. C. Anderson " 10 " 29		150 00		
"	"	" Chevaliers de la Fayette "12,13,14 " 29		117 00		
"	"	" J H Johnson " 8 " 29		25 00		
May	31	" " " " 8 " 29		25 00		
June	30	" " " " 8 " 29		25 00		
"	"	" L. Corbet " 10 to 18 " 17		621 50		
July	31	" " Emil Brayson " 5 " 29		100 00		
"	"	" J H Johnson " 8 " 29		25 00		
Aug	1	" " " " 8 " 29		25 00		
Sept	30	" " " " 8 " 29		25 00		
Oct	14	" " Chevaliers de la Fayette "12,13,14 " 29		2427 2	3187 51	

# Sales Pioneer Lots 2nd Add.

1891

Dec	31	By Cash	Wm J Neely	lots 1 & 2 Blk 3	317 00	
		"	"	" 23 & 24 " 3	336 92	
		"	"	W J Hastings " 14 " 9	63 00	
1892						
Feb	29	"	"	M O'Leary Jr " 3 " 7	250 00	
		"	"	John Manning " 7 " 11	350 00	
		"	"	P. H. Carroll " 1 & 2 " 11	100 00	
Apr	30	"	"	Eugene A Ethier " 3 " 11	117 00	
		"	"	W J Neely & Thos Williamson " 22 " 3	200 00	
May	31	"	"	Eugene A Ethier " 3 " 11	20 00	
June	30	"	"	Michael O'Leary Jr " 3 " 7	103 64	
Sept	21	"	"	Thos Lapork " 6 " 11	200 00	
Nov	14	"	"	Eugene A Ethier " 3 " 11	15 00	207 56

Sales & Shipping Lots 2<sup>nd</sup> Add

1892

Aug 31 By Cash Wm Andrews bal due  
on Lots 152 Block Excelsior I L  
2<sup>nd</sup> Addition

38776



# Sales Farm Lands

1892

By Owen McGary, surface of NW <sup>4</sup> of NW <sup>1</sup> / <sub>4</sub> Sec 12, 47-26.	25000	
" Peter St John, surface of E <sup>1</sup> / <sub>2</sub> of S.E. <sup>1</sup> / <sub>4</sub> Sec 35-43-23	28000	
" A.C. Benson surface of S.E. <sup>1</sup> / <sub>4</sub> of NW <sup>1</sup> / <sub>4</sub> Sec 10-41-22	28000	
" John McCall surface of S.W. <sup>1</sup> / <sub>4</sub> of S.W. <sup>1</sup> / <sub>4</sub> Sec 30-39-23	45000	126000

# Timber Sales

1891

Dec	31	By Ganzi & Quasardi for cedar on Sec 11-42-23 except N.E. 1/4 of S.E. 1/4 & that portion of S. 1/2 of S.W. 1/4 lying west of C & N.W. Ry	450 00
1892 Jan	30	" Cash J.B. Kluber for Cedar on E. 1/2 of S.E. 1/4 Sec 27-43-23	85 00
		" Cash, stumpage on cedar shipped to by Mine in Jan	53 50
		" Joe St Antoine all timber except pine & Cedar on E. 1/2 of S.E. 1/4 Sec 19 S. 1/2 of N.W. 1/4 & S.W. 1/4 of Sec 20-47-27	75 00 00
Feb	29	" Cash stumpage on Ry ties	7 00
Mch	31	" Stumpage on cedar used at furnace	17 87
		" Cash, August Doucett for cedar and spruce on N. 2 of N.W. 1/4 & N.W. 1/4 of N.E. 1/4 Sec 45-42-23	75 00
		" Cash, A Boyer trespass on Sec 3, T. 47, R. 26	25 00
		" Cash, Geo Bouley, stumpage on N.E. 1/4 Sec 2-47-26	25 00
		" Cash stumpage on 1/2 Cord wood	25 -
		" " " " "	50
		" " " " 3 "	15 00
May	31	" Interest on Joe St Antoine's % to date	11 67
		" Stumpage on cedar used at furnace	27 5
July	31	" Cash, stumpage on logging shipped Salisbury Mine in Feb. Mch & Apr 65 cords @ 50	32 50
Aug	16	" F. Rammow, stumpage on 1000 poles 1"	10 00
Sept	20	" " " " 4495 " "	44 95
		" " " " 1200 " 1/2"	6 00
		" " " " 540 " 3/4"	4 05
Oct	20	" " " " 404 posts 1 1/2"	6 02
		" " " " 53 " 1/2"	27
Nov	15	" Cash, M. Kinnan & Jno Sales fine on S.W. 1/4 of S.W. 1/4 33-47-26	15 00 00
		" Cash, John Audrino spruce on Sec 11-42-23	18 00
		Carried forth	1776 83

Nov	30	Port forward	177683	
		By G. Baron stumpage 3500' Fed poles	3500	
		" " " 2400' "	1800	
		" A. Beaudreau cedar & spruce on Sec 29-42-22 (SE of S20)	25000	207983
		<u>Dr</u>		
		To printing	950	
		" Forms for timber sales (Hayden & Young)	1100	2060
				205933

# Houston Farming

1892

Apr	30	To Labor as per Pay Roll		4340	
May	31	" Frt on seed oats		124	
		" Geo Kustner <sup>4</sup> and Co Ins seed oats		2030	
		" Labor as per Pay Roll		3000	
June	30	" " " " " "		1159	
July	31	" " " " " "		19875	
		" J M Wells 3 Bbls Salt		600	
		" 26 <sup>2</sup> days team work 150		3975	
Aug	31	" 6 <sup>2</sup> " " "		975	
		" Labor as per Pay Roll		9679	46557

## Or

July	31	By 18 <sup>1560</sup> tons hay to Neganne Barn 13 <sup>00</sup>		24414	
		" B Mc Nalley 1 <sup>1550</sup> tons hay "		2307	
		" F Bauer 1 <sup>240</sup> " "		1456	
		" Chas Oleon 1 <sup>150</sup> " "		1397	
		" B Dillon 2 <sup>680</sup> " "		3042	
		" O Belledeant 1 <sup>730</sup> " (Marsh) 10 <sup>00</sup>		1365	
		" Alex Beare 1 <sup>750</sup> " 13 <sup>00</sup>		1787	
		" John Melhollants <sup>500</sup> " "		2925	
		" Houston Coal job 25 " 11 <sup>00</sup>		27500	
Aug	15	" P Terzyl 1 <sup>640</sup> " 13 <sup>00</sup>		1716	
		" P Lemier 1 <sup>90</sup> " (Marsh) 10 <sup>00</sup>		1045	
		" J A Briden 1 <sup>240</sup> " 13 <sup>00</sup>		1456	
		" L Corbit for standing crop of oats		11200	
		" H Eagle 2 tons hay 13 <sup>00</sup>		2600	
Sept	14	" Jas Foley 1950 <sup>00</sup> " "		1267	
Oct	31	" I Johnson 1 <sup>520</sup> " " "		1645	
Nov	30	" A Maitland 3 <sup>1650</sup> " " "		4972	
		" E L Anthony 2 <sup>710</sup> " " "		3061	95155

48568

Sold 41 <sup>1150</sup> Tons hay @ 13<sup>00</sup> 540.45  
 " 2 <sup>840</sup> " @ 10<sup>00</sup> 2410  
 " 25 " @ 11<sup>00</sup> 275.00  
 " Standing crop of oats 112.00  
 48568

# Food River Farming

1892

July 31	To 6 1/2 days labor @ 1 <sup>50</sup>	975	
Aug 31	" Arthur Fish harvesting 19 tons hay @ 6 <sup>00</sup>	11400	12375
	<u>Cr</u>		
Aug 31	By Food River Coal Job 19 tons hay @ 10 <sup>00</sup>		19000
			6625



# Felch M. Farming

1895

July 31	2	33 days labor @ 1.50	4950	
"	5	" team work @ 2.00	1000	
"		Part Foremans time	3000	8950

# Land Rents

1891

Dec 1892	24	By P. C. Pelissou pasturage for 1891	1000		
Feb	31	" Oliver Cleve ground rent Mch '91 to Mch '92	600		
Apr	8	" Caesar Chalifant 4 Mos. Ground rent to May 1/91	200		
	12	" Am Cleve ground rent 32 Mos. to May 1/92	1600		
May	6	" C Chalifant ground rent for May & June 91	100		
June	17	" L Corbet rent of field near furnace for 1891	5000		
Aug	11	" C Chalifant ground rent for 4 Mos. to Nov 1/91 50	200		
Nov	30	" Jns Dooney ground rent near furnace for 12 mos to Jan 1/93 75	900		9600

# House Rents

1891

Dec	29	To Taxes for 1891	35869	
	31	" Work done in Carpenter shop	100	
Feb	29	" Sporley Hdw Co saw hardware	20	
Apr	30	" Blacksmith work	63	
June	30	" Jackson L. Co invoice, pipe & labor	762	
		" Jos O Richards " plumbing	375	
		" Labor as per pay rolls	435	
		" Sundry supplies	265	
		" Johnson R. Co. lumber	1320	
		" Wollner & Elliott painting	1035	
		" Blacksmith work	1050	
		" Carpenter "	630	
		" Team "	400	
July	31	" Johnson R. Co lumber	249	
		" Labor as per pay roll	690	
		" Sporley Hdw Co hardware	105	
		" Supplies	292	
		" Carpenter labor	420	
		" Machinist "	480	
		" Sporley Hdw Co. hardware	100	
Nov	22	" P.B. Kirkwood Inv wall paper	790	45450
<u>Or</u>				
1891				
Dec	31	By P.B. Atkinson rent of Barn # 33 Aug 9 to Dec 21/91	2175	
		" J.A. Redfern rent of house # 29 for Dec	1000	
		" N. Belhumer " # 20 "	500	
		" J. Arnes " # 12 "	400	
		" E. Barrett " # 13 "	600	
		" P. Murphy " # 16 "	600	
		" L. Diolt " # 17 "	400	
		" J. Makke " " "	600	
		" M. Hill " # 15 "	600	
1892				
Jan	18	" W.E. Saunders " # 22 "	2500	
	25	" C. Kauer " barn # 33 for Feb	500	
		" T. W. Wells " store # 26 Dec	4000	
	30	" F.E. Nittingale " house # 23 Dec & Jan	4000	
		" W.E. Saunders " " 22 Jan	2500	
Carried forward			20375	45450

Jan	30	Brought forward		20375	45450
		By R. Corbit rent of lot		1500	
		" J. A. Redfern rent of house # 29 for Jan		1000	
		" N. C. Anderson " # 31 " Dec & Jan		2000	
		" H. Belhumer " # 20 " Jan		500	
		" M. Merry " # 11 " "		600	
		" Ed. Barrett " # 13 " "		600	
		" P. Murphy " # 16 " "		600	
		" R. Diott " # 17 " "		400	
		" Jake Arns " # 12 " "		400	
		" M. Hill " # 15 " "		600	
		" T. M. Wells " # 26 " "		4000	
Feb	29	" C. Ravier " barn # 33 " Feb		500	
		" W. E. Saunders " # 22 " "		2500	
		" J. A. Redfern " # 29 " "		1000	
		" N. C. Anderson " # 31 " "		1000	
		" M. Merry " # 11 " "		600	
		" E. Barrett " # 13 " "		600	
		" P. Murphy " # 16 " "		600	
		" L. Diott " # 17 " "		400	
		" J. Arns " # 12 " "		400	
		" M. Hill " # 15 " "		600	
		" H. Belhumer " # 20 " "		500	
		" T. M. Wells " # 26 " "		4000	
Mch	31	" " " # 26 " Mch		4000	
		" F. E. Nitingale " # 23 " Feb & Mch		4000	
		" C. Ravier " barn # 33 " Mch		500	
		" W. E. Saunders " # 22 " "		2500	
		" H. Belhumer " # 20 " "		500	
		" J. A. Redfern " # 29 " "		1000	
		" N. C. Anderson " # 31 " to " 15/92		500	
		" J. C. Fischer " # 31 " to Mch 31		500	
		" H. Belhumer " # 20 " Apr		500	
		" M. Merry " # 11 " Mch		600	
		" E. Barrett " # 13 " "		600	
		" P. Murphy " # 16 " "		600	
		" R. Diott " # 17 " "		400	
		Carried forw		61475	45450

March	31	Brot food			61475-	45450
		By M Hill rent of house* 14 for March			600	
		" J. Arns " 12 "			400	
Apr	30	" J. A. Redfern " 29 for Apr			1000	
		" J. B. Fischer " 31 "			1000	
		" M. Mory " 11 "			600	
		" E. Barrett " 13 "			600	
		" P. Murphy " 16 "			600	
		" R. Diolt " 17 "			400	
		" J. Arns " 12 "			400	
		" M. Hill " 15 "			600	
		" F. E. Nitingale " 23 "			2000	
		" W. E. Saunders " 22 "			2500	
		" F. M. Wells " 26 "			4000	
May	31	" H. Belhumer " 20 for May			500	
		" W. E. Saunders " 22 "			2500	
		" F. E. Nitingale " 23 "			2000	
		" J. A. Redfern " 29 "			1000	
		" J. B. Fischer " 31 "			1000	
		" E. Barrett " 13 "			600	
		" P. Murphy " 16 "			600	
		" R. Diolt " 17 "			400	
		" J. Arns " 12 "			400	
		" M. Hill " 15 "			600	
		" F. M. Wells " 26 "			4000	
June	30	" W. E. Saunders " 22 for June			2500	
		" J. A. Redfern " 29 "			1000	
		" J. B. Fischer " 31 "			1000	
		" E. Barrett " 13 "			600	
		" R. Diolt " 17 "			400	
		" P. Murphy " 16 "			600	
		" J. Arns " 12 "			400	
		" M. Hill " 15 "			600	
		" F. Rake " 11 " 1/2 Wks			300	
		" F. M. Wells " 26 "			4000	
July	31	" " 26 for July			4000	
		" G. Ravier " same 33 " May June & July			1500	
		Carried forw			106675-	45450



July	31	Brook feed		106675	45450
		By F.E. Nitingale rent of house #23 for June & July		4000	
		" J.A. Redfern " 29 for July		1000	
		" J.B. Fischer " 31 "		1000	
		" E. Barrett " 13 "		600	
		" P. Murphy " 16 "		600	
		" J. Arnes " 12 "		400	
		" M. Hill " 15 "		600	
		" F. Rake " 11 "		600	
Aug	31	" H. Belhumer " 20 " June		1000	
		" F.E. Nitingale " 23 " Aug		2000	
		" J.A. Redfern " 29 " "		1000	
		" M. Hill " 15 " "		600	
		" E. Barrett " 13 " "		600	
		" F. Rake " 11 " "		600	
		" J. Arnes " 12 " "		400	
Sept	30	" F.E. Nitingale " 23 for Sept		2000	
		" J.A. Redfern " 29 "		1000	
		" E. Barrett " 13 "		600	
		" J. Arnes " 12 "		400	
Oct	14	" R. Diott " 17 July & Aug		800	
		" P. Murphy " 16 Aug & Sept		1200	
		" Wm. Davis " 31 Oct		1000	
		" F.E. Nitingale " 23 "		2000	
		" J.A. Redfern " 29 "		1000	
		" E. Barrett " 13 "		600	
		" J. Arnes " 12 "		400	
		" R. Diott " 17 Sept & Oct		800	
Nov	30	" J. Arnes " 20 for Nov		500	
		" P. Murphy " 16 " Oct		600	
		" J.A. Redfern " 29 " Nov		1000	
		" E. Barrett " 13 " "		600	
		" F.E. Nitingale " 23 " "		2000	
		" F.M. Wells " 26 Aug Sept Oct & Nov		16000	154175
					108725

# Buildings

1897

Dec	30	To Woolner & Elliott, blackboard	80
		" Taxes 1891	35410
		" Carpenter work	1000
		" Blacksmith "	1328
		" Supplies	1800
1892			
Jan	30	" R. Barney, gas fitting	675
Feb	29	" Joe Richards, invoice plumbing	245
		" Sporley Hdw Co, Hdw.	85
		" Blacksmith work	21
		" Carpenter "	3065
Mar	31	" Johnson & Co lumber	756
		" Lumber	4000
Apr	30	" Sporley Hdw Co, hardware	140
		" Blacksmith labor	325
		" Carpenter "	2075
May	31	" Woolner & Elliott Inv. sundries	290
		" R. Barney Inv. plumbing	1500
		" " " "	240
		" Johnson Lumber Co, lumber	886
		" Labor as per pay roll	2755
		" Oil for painting roofs	3360
		" Lumber	1000
		" Blacksmith work	538
		" Carpenter "	1890
June	30	" Sporley Hdw Co, hardware	341
		" F. W. Read & Co, lumber	195
		" Labor as per pay roll	870
		" Oil for painting	1365
		" Plumbing, material & labor	2000
		" Closet	2200
		" Woolner & Elliot Inv labor	4700
		" Johnson Lumber Co, lumber	119
		" Carpenter work	1260
July	31	" R. Barney, plumbing	1500
		" Woolner & Elliott Inv sundries	530
		" Labor as per pay roll	1740
		" R. Barney plumbing	2300
		Carried forth	82584

July	31	Brot food	825 84		
		By Sporley Hdw Co, hardware	820		
		" Carpenter work	4200		
		" Sporley Hdw Co, hardware	675		
Aug	31	" J. H. Sawbridge Saw "	615		
		" Labor as per pay roll	880		
		" J. D. Richards, plumbing	1000		
Sept	30	" " "	145		
		" Sporley Hdw Co, hardware	280		
		" Labor as per pay roll	480		
Oct	31	" W. E. Saunders, fittings left at Farrell house	2825		
		" Woolner & Elliott rep. "	10309		
		" Buffalo Mining Co 's expense of live fence back of office	3399		
		" Peter White & Co Ins. insurance	11100		
		" B. Neely Ins. hardware	150		
		" Labor as per pay roll	2066		
Nov	30	" Woolner & Elliott Saw repairs	643		
		" Labor as per pay roll	2172		
		" Sporley Hdw Co, hardware	45		
		" J. D. Richards plumbing	695	125083	

1892

## Classification of General Expense %

Postage	7375	
Telegrams	4883	
Gas	4737	
Water tax	1300	
Printing	4175	
Rental of telephone	4500	
Stationery	7218	
Express & Frt	171	
Sundries	7203	
Exchanges on pay rolls	5550	
Fuel	17263	
Cleaning office	1200	65-6-75-
<u>Or</u>		
By Garnishes fees	1480	
" Interest from J. Kusardi %	1867	
" Postage stamps for Ford River	200	
" Cash. F. Willet bal due on old store %	1151	
" Interest from Panzi + Kusardi %	1128	5826
		59749



Wm G. Mather Tr

1892

Feb	29	To Pioneer Pig Iron for reduction made at CleveLand on Corrigan Iron & Co Iron Oct 31/91	7841			
Mar	31	" February Charcoal ft bills for rebate	45744			
		" Fowler Mag. Ore for further reduction, as per analysis to make total reduction of .5498% per ton on 286 <sup>129</sup> tons, Inv. Mch 19/92	11708			
Apr	30	" Sales Farm Rands to transfer sale of land to Owen McGary from Mr Mather to Sales Farm Rands	45000			
		" March Charcoal ft bills for rebate	40455			
May	31	" April " " "	42739			
June	30	" May " " "	47442			
July	31	" June " " "	28180			
		" July " " "	6749			
Sept	30	" 1343 <sup>1020</sup> Tons Foster Ore shipped from Furnace to Elk Rapids L Co	214953			
Nov	30	" Switching charges on 485 tons Pig Iron Shipped Smiths Falls, <sup>Marquette</sup> Nov 5 <sup>th</sup>	2425			
		" Transfer sale of land to John McCall Oct 16/92, from Mr Mather to Sales Farm Rands	45000			
		" Rands to close this yr	489982			
		" Timber Rands "	333323			
		" New Furnace "	6746			
		" Cochran R. M. Co "	174078			
		" Pioneer Pig Iron "	174623			
		<u>Or</u>	1418984679			
1891	Dec	1 By Balance	5627619			
		" Draft 1901	1000000			
		" " 1902	213794			
		" " 1903	73622			
		" " 1904	1500000			
		" Insurance, on loss of Cliffs Barn	275000			
1892	Jan	30 " Draft 1905	149364			
		" " 1906	43302			
		" " 1907	1100000			
		" J McCall sale of SW <sup>4</sup> of SW <sup>4</sup> Sec 30-39-23	45000			
		" Invoice sent for payment Jan 30/92	638320			
		Carried forward	10666021			18984679

Jan	31	Brought forward	106660218934679
		By Dec Stumpage on 52040 Bu charcoal 1/2	26020
		" Jan " 43243 " 1/2	21628
Feb	29	" Draft 1908	261470
		" " 1909	61365
		" " 1910	2328
		" " 1911	1300000
		" Invoices sent for payment Feb 29	446300
		" Owen McGary on purchase of 7200 " of 7200 "	
		See 12-42-26	25000
		" Feb Stumpage on 55917 Bu charcoal 1/2	27958
Mar	31	" Mar " 51073 " 1/2	25536
		" Invoices sent for payment Mar 31/92	1237018
		" Draft 1912	1871
		" " 1913	219209
		" " 1914	45713
		" " 1915	1200000
Apr	30	" " 1916	248652
		" " 1917	24506
		" " 1918	1000000
		" Invoices sent for payment Apr 30/92	435221
		" Apr Stumpage on 45297 Bu charcoal 1/2	22648
May	31	" Draft 1919	13699
		" " 1920	284456
		" " 1921	1200000
		" Invoices sent for payment May 31	587204
		" May Stumpage on 53597 Bu charcoal	26798
June	30	" Draft 1922	164166
		" " 1923	800000
		" Invoice sent for payment June 30/92	60240
		" June Stumpage on 40634 Bu charcoal 1/2	20317
July	31	" July " 22265 " 1/2	11133
		" Invoices sent for payment July 30/92	551715
		" " " " 31/92	501902
		" Draft 1924	46114
		" " 1925	100000
Oct	18	" Invoices sent for payment Oct 18/92	50538
		Carried forward	2171674918984679

		Brot ford	2171674918984679
Nov	17	By Invoices sent for payment Nov. 7/192	6721
	30	" Farming to close this %	155207
		" Ground Rents "	26945
		" Sales Pioneer Lots "	318751
		" " Ishpeming Lots 2 <sup>nd</sup> Add. to close this %	38776
		" " Pioneer " " "	207256
		" " Farm Rands "	126000
		" " Timber Sales	20593322802338
			3817659

# Salisbury Ore

1891

Dec	1	To 122 tons on hand, inventoried @	2 <sup>25</sup>	27450		
	31	" " 810 tons		8102		
1892	Jan	30	" " 698 "		6893	
		" 810 <sup>480</sup> tons at mine	2 <sup>15</sup>	174196		
Feb	29	" Freight on 1747 tons		17474		
		" 988 <sup>400</sup> tons at mine	2 <sup>15</sup>	212458		
Mar	31	" 1666 <sup>470</sup> "		358235		
		" Freight on 899 <sup>30</sup> tons		8995		
Apr	30	" " 1063 <sup>10</sup> "		10631		
		" 838 <sup>1540</sup> tons at mine		180317		
May	31	" Freight on 1272 <sup>50</sup>		12725		
		" 1155 <sup>1660</sup> tons at mine		248484		
June	30	" Freight on 747 <sup>90</sup>		7479		
July	31	" " 593 <sup>40</sup>		5934		
		" 1205 <sup>1560</sup> tons at mine	2 <sup>15</sup>	259224		
		" 501 <sup>1800</sup> "		107887		
		" 91 <sup>2120</sup> "		19767		
		" 564 <sup>1990</sup> "		121451	1787700	



# Excelsior Ore

1902

Jan	30	To	Int on 309 <sup>00</sup> tons	10	3095	
		"	" 989 <sup>60</sup> "		9896	
		"	33 <sup>1320</sup> tons @ 1.50	50.39		
			Less amt per Analysis 15 <sup>e</sup>	<u>504</u>	4535	
Mar	31	"	309 <sup>1050</sup> tons @ 1.50	464.20		
			Less amt as per Analysis 13 <sup>e</sup>	<u>40.23</u>	423.97	
		"	1057 <sup>130</sup> tons @ 1.50	1585.50		
			Less amt as per Analysis 14 <sup>e</sup>	<u>147.95</u>	1437.60	
		"	Int on 148 tons		1487	
Apr	30	"	" 85 "		850	
		"	72 <sup>1530</sup> tons @ 1.50	109.02		
			Less amt as per Analysis 14 <sup>e</sup>	<u>10.17</u>	98.85	
May	30	"	85 <sup>20</sup> tons @ 1.50	127.50		
			Less per inventory @ 8 1/4 <sup>e</sup>	<u>7.01</u>	120.53	

2279.58

# Foster Cr

1892

Dec	1	2325 Tons on hand Dec/19/1 @ 1.85	430125	
	31	To ft on 648 <sup>930</sup>	12968	
1892 Jan	30	" 648 <sup>930</sup> tons	126958	
May	31	" 85 <sup>950</sup>	1708	
		" 85 <sup>950</sup>	14094	
Sept	30	" Labor loading 1343 <sup>1020</sup> tons for Eld Rapids	11594	577477
Cr				
Sept	30	By 1343 <sup>1020</sup> tons sold Eld Rapids Co @ 1.60		214953
				362524

# Cliffs Shaft Ore

1891

Dec	1	To	110 tons Invented @ 270	297 00		
	31	"	Fort on 431 <sup>20</sup> tons	43 12		
1892	Jan	30	" 397 <sup>370</sup> tons @ 2 <sup>60</sup>	1133.79		
			Less 9 <sup>c</sup> per ton per Aud 35.78	998 01		
						1338 13

# Cleveland Lake Ore

1892

Jan	30	20 <del>4</del> Tons on 610 tons	10	6108	
Feb	29	" " 1987 "	10	19878	
		" 909 <sup>200</sup> tons at mine @ 2 <sup>15</sup>		1954.54	
		Less per Analy 10% 95.45		1859.09	
Mar	31	" 1886 <sup>1190</sup> tons at mine 2 <sup>15</sup>		4056.54	
		Less per Analy		188.65	3867.39
Feb	29	" Feb on 962 tons	10	9619	
		" " 1180 tons	10	11807	
Apr	30	" 977 <sup>330</sup> tons at mine @ 2 <sup>15</sup>		2100.86	
May	31	" Feb on 1376 tons	10	13763	
		" 1126 <sup>2060</sup> tons at mine @ 2 <sup>15</sup>		2713.12	
June	30	" Feb 685 tons	10	6856	
July	30	" " 643 "		6434	
		" 1242 <sup>330</sup> tons at mine	2 <sup>15</sup>	2670.61	
		" 643 <sup>950</sup> "	2 <sup>15</sup>	1383.39	
		" 526 <sup>3220</sup> "	2 <sup>15</sup>	1133.03	

16472.14



# Fowles Mag. Ore

1891

Dec	1	To Inventory freight on 156 <sup>430</sup> tons	30	4693	
	31	" Freight on 129 <sup>860</sup> "		3874	
1892 Mch	31	" 285 <sup>1290</sup> tons @ Mine @ 2 <sup>30</sup>	65-6.80		
		Res per analysis 285 <sup>1290</sup> @ 54% = 157.06		49974	58541



Season 1892.

Vessel in commission		226 days.
Trips made		32
Time in port	75 days	
" sailing	145 "	
" lost by accidents <sup>and</sup> Repairs	2 "	
" " " bad weather	4 "	226

Receipts

	Gross Tons.	Avk. Freight	Per gross ton freight carried.
27 cargoes on from Marquette.	63,330	\$ 69,663.00	\$ 1.10
3 " " " Escanaba.	8,009	7,208.10	.90
2 " grain from Duluth	4,121	5,767.00	1.3994
2 " coal to Marquette.	3,023	1,693.11	.5600
<u>34 Totals</u>	<u>78,483</u>	<u>\$ 84,331.21</u>	<u>1.0745</u>

Disbursements

Fitting Out.	\$ 1,000.77
Wages <sup>and</sup> Captain's Salary	8795.88
Provisions	2212.50
Oil - { Engineers Dept. \$ 244.00	
" - { Kerosene - Mates Dept. 12.65	256.65
Fuel	10,639.05
Handling Cargoes	16,143.92
Towing	607.00
General Repairs	66.50
Insurance	5,208.51
Taxes	726.65
Miscellaneous - { Stewards Sundry Supplies \$ 165.63	
" { Mates Dept - Rope 26.38	
" { " " Sundry Supplies 201.30	
" { Captain's Expense Account 183.71	
" { outfit 172.82	
" { Engineers Sundry Supplies. 114.62	864.46
Boiler Repairs.	14.59
Machinery Repairs.	86.37
Electric Light Repairs.	2.97
Laying Up.	488.22

Total.	\$ 47,114.04	6003
Net Earnings	\$ 37,217.17	4742

Gross earnings per day	\$ 373.10
Operating expenses per day	208.47
Net earnings per day	<u>\$ 164.63</u>

Steamer "Cadillac"

General Statement

Season 1892.

Vessel in commission		144 days.
Trips made		16
Time in port	52 days.	
" sailing	85 "	
" lost by accidents <sup>and</sup> repairs.	1 "	
" " " bad weather	6 "	144

Receipts.

	<u>Gross tons.</u>	<u>Net Freight</u>	<u>Per Gross Ton Freight Carried</u>
15 cargoes ore from Marquette.	29827	\$ 30286.15	\$1.0155
1 " " " Escanaba	2126	1488.20	.70
4 " coal to Marquette	4977	2787.32	.5600
20 Totals	36930	\$ 34561.67	.9359

Disbursements.

Fitting out.	\$ 41.74	.0011
Wages <sup>and</sup> Captain's Salary	4874.44	.1322
Provisions.	981.57	.0265
Oil - { Engineer's Dept.	\$ 250.30	
{ Kerosene - Mates Dept.	36.07	.0078
Fuel	32169.64	.0885
Handling Cargoes	5952.57	.1612
Towing	189.00	.0051
General Repairs.	95.63	.0026
Insurance	2284.07	.0618
Miscellaneous - { Stewards Dept.	\$ 82.68	
{ Mates Dept. Rope.	12.74	
{ " " Sundry Supplies.	158.72	
{ Captain's Expense Account.	57.81	
{ outfit.	34.57	
{ Engineer's Sundry Supplies.	112.83	.0124
Boiler Repairs.	16.16	.0006
Machinery Repairs.	33.18	.0007
Laying Up.	297.49	.0080
<b>Total.</b>		<u>\$ 18481.21</u>
<b>Net Earnings.</b>		<u>\$ 15780.46</u>

Gross earnings per day	\$ 240.01
Operating expenses per day	130.42
<b>Net earnings per day</b>	<u>\$ 109.59</u>

Percentage of operations to earnings .543



*Stamoa Ladell*  
*General Statement*  
*Season of 1892.*

Season 1892.

Vessel in commission.

115 days.

Trips made

16

Time in port.

75 days

" sailing

60 "

" lost by accidents <sup>and</sup> repairs

8 "

" " " bad weather

2 "

145

Receipts.

	Gross Tons.	Am't. Freight	Per Gross Ton Freight Carried.
3 cargoes ore from Marquette.	4374	\$ 4857.90	\$ 1.1106
3 " pig iron from Escanaba.	4041	3961.00	.9802
10 " " " " Marquette.	15191	17817.91	1.1728
2 " coal to Marquette.	1888	1022.97	.5418
1 " " " " Marquette.	1198	670.33	.5595
50 sk tons baled hay to Marquette	45	25.08	.5573
19 cargoes. - Totals	26737	\$ 28355.19	\$ 1.0605

Disbursements.

Fitting Out.	\$ 399.98	.0149
Wages <sup>and</sup> Captain's Salary	5034.06	.1883
Provisions.	1092.72	.0408
Oil - { Engineer's Dept.	\$ 166.56	
" { Kerosene - Mates Dept.	4.16	
Fuel	4248.86	.1589
Handling Cargoes	4344.38	.1625
Towing	23.00	.0008
General Repairs	153.46	.0058
Insurance.	2322.06	.0869
Miscellaneous - { Steward's Dept.	\$ 79.75	
" { Mates Dept. - Rope.	25.62	
" { " " Sundry Supplies	61.04	
" { Captain's Expense Account	97.04	
" { outfit	15.90	
" { Engineer's Sundry Supplies.	163.82	
Boiler Repairs.	443.17	.0166
Machinery Repairs.	14.23	
Electric Light - Repairs.	76.42	.0041
Laying Up.	20.04	
	458.72	.0172
Total.	\$ 18801.82	.7032
Net earnings.	\$ 9553.37	.3573

Gross earnings per day.

\$ 195.55

*General Statement  
Season of 1892.*

Comparisons

	1890.	1892.
Number trips made.	27	32
Days in commission.	233	226
Number miles traveled.	36411	41086
Gross tons freight carried.	80217	78483
Average rate of freight per gross ton.	\$ 1.1005	\$ 1.0745
Gross Receipts.	\$ 88284.59	\$ 84331.21
Gross Expenditures.	51712.31	47114.04
Net earnings.	\$ 36572.28	\$ 37217.17
Net earnings per ton freight carried.	4559	4742
Gross earnings per mile traveled	\$ 2.424	\$ 2.0525
Gross operating expenses per mile traveled.	1.42	1.467
Net earnings per mile traveled.	\$ 1.004	.9058
Gross earnings per day	\$ 378.90	\$ 373.10
Gross expenditures per day	221.94	208.47
Net earnings per day	\$ 156.96	\$ 164.63
Percentage of operations to earnings	.585	.5584
Cost provisions per man per day	.514	.465

Note - Pontiac being in commission only part of 1891, comparisons are made with 1890.



*Stamper Postage*  
*General Statement*  
*Season of 1892.*

Vessel in commission  
Trips made.

229 days  
32

Time in port  
" sailing  
" lost by accidents <sup>and</sup> repairs  
" " " bad weather

78 days  
143 "  
0 "  
8 "

229

Receipts

	Gross Tons.	Am't. Freight.	Per gross ton freight Carried.
31 cargoes ore from Escanaba	78300	\$78470.00	.90
1 cargo grain from Duluth	1969	2940.00	1.495
32 Totals.	80269	\$73410.00	.9145

Disbursements

Fitting out	\$2310.99	
Hager <sup>and</sup> Captain's Salary	7673.38	
Provisions	1855.66	
Oil - { Engineer's Dept. 196.29		
" - { Steward's - Mate's Dept. 71.01	267.30	
Fuel	9267.62	
Handling Cargoes	16156.65	
Towing	789.00	
Repairs	82.36	
Insurance	4630.33	
Taxes	726.66	
Miscellaneous - { Stewards Sundry Supplies \$194.25		
" { Mate's Dept - Rep. 151.46		
" { " " Sundry Supplies 273.66		
" { Captain's Expense account 180.74		
" { outfit 125.33		
" { Engineer's Sundry Supplies. 46.55	971.99	
Boiler Repairs.	94.80	
Machinery Repairs.	124.62	
Laying Up.	793.03	
Total.	\$45744.39	5698
Net earnings.	\$27665.61	3447

Gross earnings per day. \$320.57  
Operating expenses per day 199.76  
Net earnings per day 120.81

Percentage of operations to earnings. .623



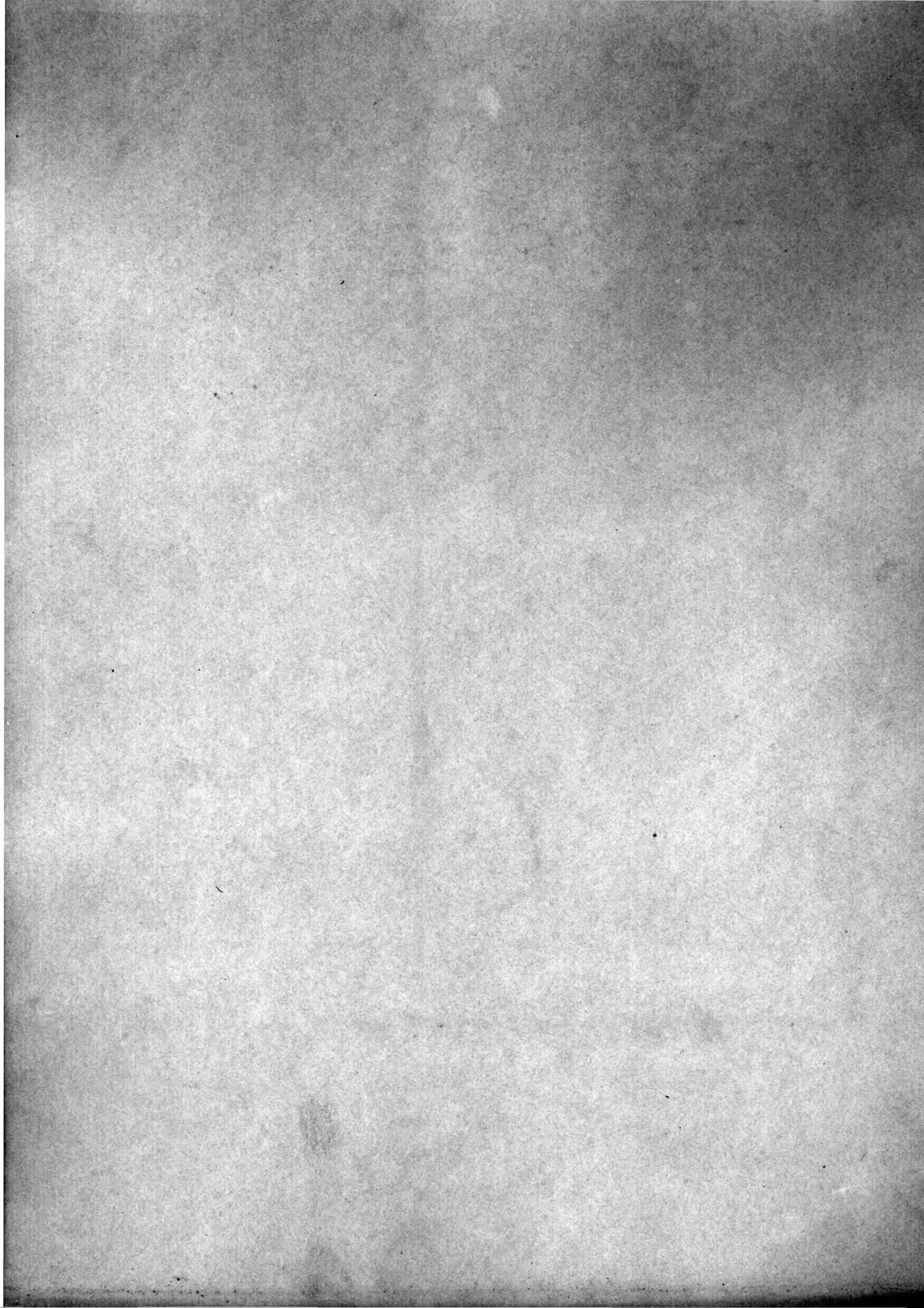
Comparisons.

	1891.	1892.
Days in commission.	212	229
Number miles traveled	34029	38038
Number trips made	26	32
Gross tons freight carried	63212	80269
Average rate of freight per gross ton.	.8567	.9145
Gross receipts	\$54457.21	\$73410.00
Gross expenditures	40281.58	45744.39
Net earnings	\$13875.63	\$27665.61
Net earnings per ton freight carried	.2195	.3447
Gross earnings per mile traveled	\$1.594	\$1.9299
" operating expenses per mile traveled	1.183	1.2026
Net earnings per mile traveled	\$ .411	\$ .7273
Gross earnings per day	\$250.73	\$320.57
" expenditures per day	186.49	199.76
Net earnings per day	\$64.29	\$120.81
Percentage of operations to earnings	.743	.623
Cost provisions per man per day	.545	.445

*Sturges, Monticello*

*General Statement  
Season of 1892.*





RECORDS REFERRAL OUTCARD

DEPARTMENT <b>MDOT</b>	DATE <b>AUG 17 1988</b>	
DIVISION <b>GENERAL FILES</b>		
RECORD REQUESTED  509, 10, 11, 12 of 81062 - 01123A  Tracing		
PERSON REQUESTING Desjardins - G Milne	LOT 5358	BOX 9

DEPARTMENT OF MANAGEMENT AND BUDGET  
OFFICE SERVICES DIVISION  
STATE RECORDS MANAGEMENT SERVICES

6053



