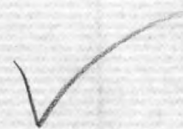


CLIFFS SHAFT MINE.

CRUSHER PLANT.

The following statement shows the cost of operating the crushers for the past year, and a comparison with the work of the preceding year:

	Operating Cost		Repair Cost		Total Cost		
	Amount	Per.T.	Amount	Per.T.	Amount	Per.T.	1898
Operating Engines	3747.71	.017	5.91	.000	3753.62	.017	.005
" Crushers	3626.02	.016	2877.81	.013	6503.83	.029	.030
Total Crushing Cost	7373.73	.033	2883.72	.013	10257.45	.036	.035
Tramming to R.R. Pocket	2868.50	.013	318.10	.001	3186.60	.014	.015
Total Cost 1900	10242.23	.046	3201.82	.014	13444.05	.060	.050
Total Cost 1899	9959.23	.042	1923.80	.008	11883.03	.050	
Labor Cost						.035	.035
Supply Cost						.025	.015
Total						.060	.050
Per Cent	76		24		100		
No. of men employed	14.5						
Product per man per day						58	50



CLIFFS SHAFT MINE.

FATAL ACCIDENTS.

There have been two fatal accidents during the year:

John Buska, January 19, 1900

J. H. Johnson, April 16, 1900

The death of both of these men was due to falling ground. The miners are requested to bar their ground after each blast, and an examination of the stopes is made twice a day by the Shift Bosses to see that this order is carried out. In both the cases referred to, this had not been carefully attended to, and happened before the Shift Bosses had visited the stopes for the day.

CLIFFS
SHARP MINT

SALISBURY MINE.

The following grades of ore have been mined from the different levels during the year:

<u>LEVEL</u>	<u>BESSEMER</u>	<u>SALISBURY</u>	<u>TOTAL TONS</u>
5th		3520	3520
8th		7534	7534
12th	516	7336	7852
13th	20341	27408	47749
14th	425	840	1265
16th	11204	36942	48146
17th	<u>21118</u>	<u>22247</u>	<u>43365</u>
Total	53604	105827	159431

AVERAGE ANALYSIS OF MINE SAMPLES FOR 1900.

	<u>Iron</u>	<u>Phos.</u>
Salisbury Bessemer	62.52	.050
Salisbury	60.61	.104

ORE SHIPMENTS FOR 1900.

	<u>POCKET</u>	<u>STOCKPILE</u>	<u>TOTAL</u>	<u>TOTAL LAST YEAR</u>
Salisbury Bessemer	25489	13101	38590	18476
Salisbury	75512	32230	107742	90612
Salisbury No. 3	—	—	—	<u>24255</u>
Total	101001	45331	146332	133343

AVERAGE ANALYSIS OF SHIPMENTS FOR 1900.

	<u>Iron</u>	<u>Phos.</u>
Salisbury	^{60.23} 55.22	

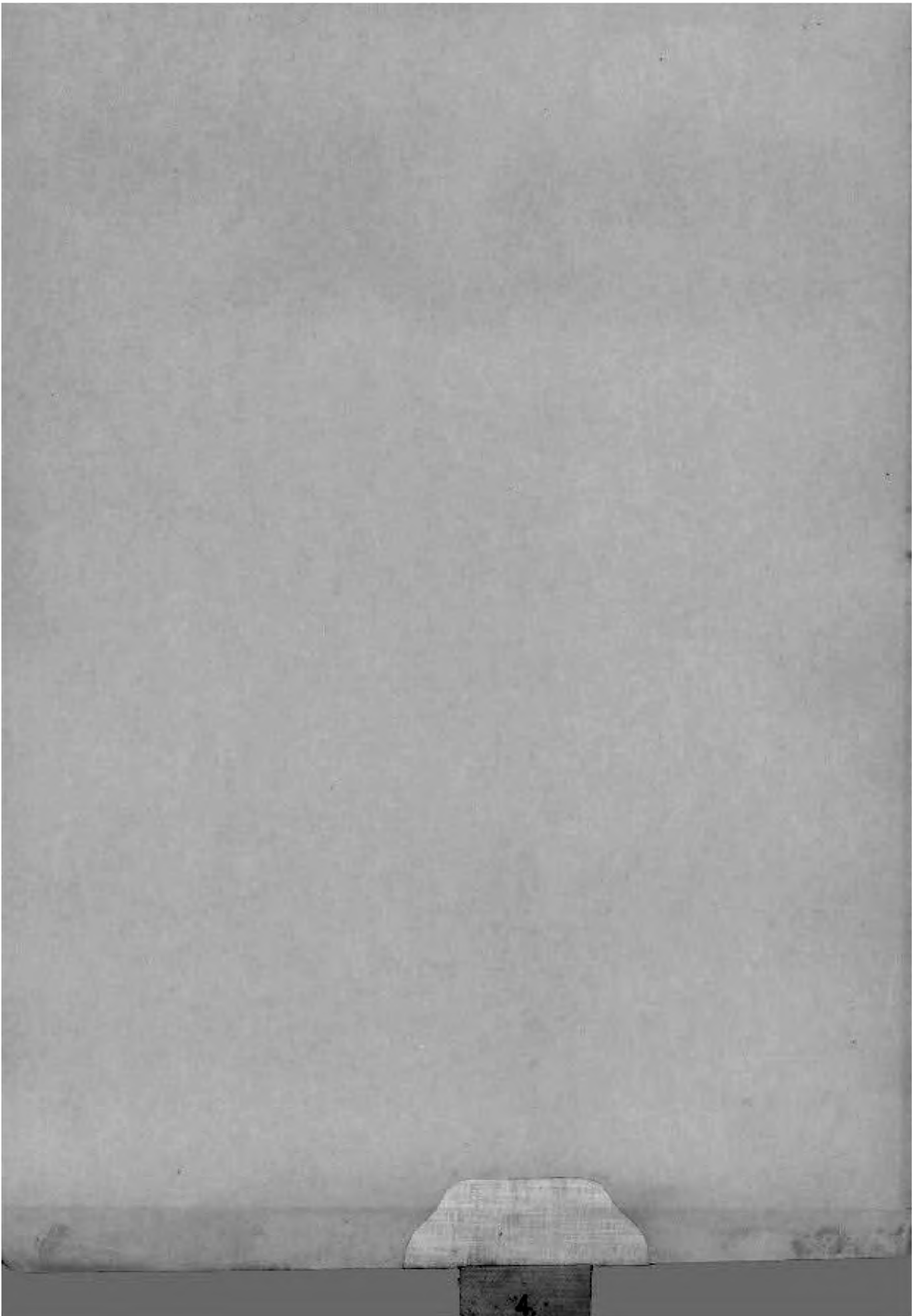
SALISBURY MINE.

ORE STATEMENT NOVEMBER 30TH, 1900.

	BESSEMER	SALISBURY	SALIS. NO. 3	TOTAL	TOTAL LAST YR.
On hand Dec. 1st, 1899	3678	2550	5538	11766	8590
Output for year	51209	109426	0	160635	136519
Total	54887	111976	5538	172401	145109
Shipments	38590	107742	0	146332	133343
Bal. in stock 11/30/00	16297	4234	5538	26069	11766

The cost of mining 160,635 tons of ore this year is as follows:

	1900	1899	Increase	Decrease
Product	160635	136519	24116	
General Expense	.084	.033		.004
Maintenance	.046	.042	.004	
Mining Expense	.866	.849	.017	
Cost of Production	.996	.979	.017	
<u>DEPRECIATION</u>				
Inventory	.001	.004		.003
Improvement	.034		.034	
New Construction		.097		.097
Steam Shovel No. 2 (3)	.005	.006		.001
Total	.040	.107		.067
Less Credits	.001	.010		
Total Depreciation	.039	.097		.058
Cost on Stockpile	1.035	1.076		.041
Loading and Shipping	.017	.020		.003
Total Cost	1.052	1.096		.044
Average Wages ('99-2.26-'99-2.07 = .19)				
Increased Wages over 1899. per ton	.066	.059		
Comparative Total	.986	1.037		.051



THE CLEVELAND-CLIFFS IRON CO.

Cost of Production for the year of 1900 and 1899

	<u>12 Months</u>		<u>1900 262,530</u>		<u>TONS</u>		<u>12 Months</u>		<u>1899</u>		<u>252,161</u>		<u>TONS</u>	
	<u>Cliffs Mine</u>						<u>Labor</u>		<u>Supplies</u>					
	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.
GENERAL EXPENSE.														
Insurance,			402.10	002	202.10	002			312.07	001	312.77	001		
Taxes,			117.80	004	117.80	004			108.00	001	108.00	001		
Engineering,	418.92	002	157.77	000	435.93	002	325.34	001	36.80	000	328.03	001		
Analysis,	405.00	001	211.88	001	617.88	002	370.91	002	334.93	001	707.01	003		
Relief Fund,			1392.30	005	1392.30	005			187.80	006	1374.60	005		
Mine Office,	720.17	005	228.21	002	1852.64	007	1673.66	006	420.12	005	2173.80	008		
General Office,	5911.67	022	1988.22	007	7649.19	029	4107.35	020	1240.12	005	6266.51	025		
Total,	7926.67	030	15738.70	060	23622.27	140	7106.32	030	14748.22	027	21022.00	087		
MAINTENANCE—Repairs of														
Tracks and Yards,	569.68	001	26.17	000	395.75	001	274.23	001	25.23	000	302.30	001		
Docks, Trestles and Pockets,	518.68	002	68.05	003	1282.63	005	221.24	001	161.05	001	322.60	001		
Buildings,	196.08	001	291.24	001	280.24	000	652.07	022	623.70	003	1177.77	005		
Shop Machinery,	25.50	000	31.81	000	67.21	000	47.33	001	47.75	000	96.07	001		
Boilers,	122.81	001	330.04	001	452.35	002	125.71	001	42.18	000	567.30	002		
Hoisting Machinery,	222.41	001	221.26	001	465.61	002	200.30	001	1116.52	002	1320.91	005		
Compressors and Air Pipes,	21.77	000	107.10	001	116.63	001	193.70	000	193.70	001	239.15	001		
Locomobile Pumps,	1420.80	000	280.65	001	222.73	001	287.34	001	765.25	002	1052.63	002		
Portable Machinery,							21.63	001	188.88	001	237.21	001		
Top Tram Engines and Cars,	277.17	001	243.87	001	25.10	002	16.62	000	4.26	000	90.90	000		
Slips and Skip Roads,	195.15	001	125.00	000	341.65	001	137.19	001	65.10	000	202.29	001		
Underground Tracks and Cars,	202.70	000	192.87	007	3985.74	016	1738.87	007	909.97	000	2738.71	011		
3 Coking Boilers & Engines to make Building with them New Rope							29.21	000	40.79	000	90.00	000		
							57.25	000	76.61	001	133.86	001		
Total,	4125.65	010	2316.89	010	2262.68	032	4017.10	010	4632.20	019	8620.66	026		
MINING EXPENSE.														
Air Pipes,	684.75	003	291.60	001	946.85	004	552.32	002	179.15	001	731.53	003		
Compressors,	1072.52	007	760.24	024	4273.60	036	1670.10	007	570.50	002	737.56	020		
Hoisting,	3634.17	014	3210.02	014	7427.13	028	3127.95	012	2881.24	012	5941.20	024		
Wire Ropes, Skips and Pulley Stands,	1.95	000	1.95	000	1.95	000	1.95	000	1.95	000	1.95	000		
Locomobile Pumps,	269.90	010	786.03	030	1056.20	040	242.00	010	502.55	022	824.50	033		
Sinking,	371.53	012	732.44	003	422.12	017	221.10	009	200.52	001	212.10	010		
Drifting,	1830.60	064	523.72	019	2358.62	082	1325.65	053	3476.68	013	16933.19	066		
Breaking Ore,	802.78	003	1845.70	073	9920.51	372	71263.00	283	12156.00	027	82101.70	350		
Tramming,	685.49	010	2355.66	010	5090.26	193	3422.75	105	1020.10	005	20267.72	120		
Filling,	182.23	007	126.50	000	1949.00	007	2388.50	000	66.30	000	2456.50	010		
Timbering,	122.26	005	256.77	001	1698.93	006	750.20	003	189.25	001	929.80	004		
Mining Captain and Bosses,	282.50	012	282.50	000	282.50	000	269.20	010	269.20	001	269.20	010		
Dry House,	70.10	003	53.30	000	75.50	003	66.30	002	00.00	000	769.19	003		
Top Landing and Tramming,	760.45	024	172.11	006	289.00	008	603.18	022	971.30	004	7010.77	028		
Stocking and Sorting,	152.70	006	106.00	000	162.10	006	172.96	004	90.53	000	1320.19	004		
Crushing Ore 22 1/2' 12' 18' 24' 30' 36' 42' 48' 54'	788.10	036	854.19	025	13244.05	061	8266.77	053	5610.01	014	11823.00	047		
Total,	18639.63	701	52472.08	207	239818.80	402	157421.12	620	21303.30	162	119224.22	700		
Cost of Production,	19748.90	78%	74474.67	281%	211923.37	102%	164157.70	67%	60723.99	26%	221278.10	91%		
EXPLORATORY.														
Exploring in Mines,							185.00	001	500.00	020	720.34	030		
Exploring Outside,														
Total,							185.00	001	500.00	020	720.34	030		
DEPRECIATION.														
Inventory,					151.00	001					1409.75	009		
Improvement,					56.10	000					962.16	004		
New Construction,					117.83	004					11331.82	045		
W. O. Mining Acct.,					143.40	054					1234.36	054		
for W. O. Mining Acct. 185.31 189.24 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10 184.10					250.00	001					389.77	002		
Total,					2796.60	106					2620.32	111		
Total Cost on Stock Pile,					2991.01	113					2654.53	105		
LOADING AND SHIPPING.														
Loading by Steam Shovel,			1072.50		1072.50	029			2522.60		2522.60	029		
Loading by Hand,							600.00		5.00		676.11	016		
Bosses and Sorters,							21.82		570.25		991.24	010		
Total Loading Stock Pile,	13.17		26.50		430.27									
Loading at Pocket,	2230.70		80.79		2511.49	017	1262.13		41.09		1243.22	001		
Shipping Expense,							29.50		31.00					
Total,	2423.17	009	1579.83	006	4023.70	015	2371.10	009	3105.53	012	5537.22	022		
Total Cost on Cars,	19993.257	76%	76054.50	287%	239431.11	104%	173386.23	68%	69495.12	27%	276220.227	104%		
Royalty, Com'n and Expense, Cleveland Office,							150				150			
Total Cost,							1999				1999			

	<u>12 Mos. 1899</u>		<u>12 Mos. 1900</u>		<u>SINKING.</u>		<u>DRIFTING.</u>		<u>COMPARATIVE COST.</u>		<u>COMPARATIVE COST.</u>	
	AMOUNT.	PER TON.	AMOUNT.	PER TON.	FEET.	COST.	FEET.	COST.	1899	1900	1899	1900
New Construction,			1621.75						18%	16%	190	190
Improvement,			2134.33						18%	16%	190	190
Total,			3756.08						18%	16%	190	190

REMARKS.

A total of 1500 b. lin.
Shop & engine 10.26
Sale of equipment 349.51
359.77

ANALYSIS OF LABOR.

Labor as per Cost Sheet,
Other Charges,

Total,
As per Labor Statement,
General Pay Roll,
Total,

Summary of Supplies Used During 1899 & 1900

THE CLEVELAND-CLIFFS IRON CO. <i>Cleff/Shaft</i> MINE	COST OF SUPPLIES.		COST PER TON.	
	YEAR, 1900	YEAR, 1899	FOR 1900 YEAR.	FOR 1899 YEAR.
PRODUCT.	<i>264,330</i>	<i>252,161</i>		
General Supplies,	<i>31,973.5</i>		<i>0.14</i>	
Iron and Steel,	<i>26,511.2</i>		<i>0.10</i>	
Oil, Grease and Candles,	<i>6,210.46</i>		<i>0.16</i>	
Machinery Supplies,	<i>6,816.33</i>		<i>0.26</i>	
Building Material,	<i>14,996.8</i>		<i>0.06</i>	
Explosives,	<i>18,280.72</i>		<i>0.69</i>	
Mine Timber,	<i>6,797.7</i>		<i>0.03</i>	
Fuel,	<i>22,759.32</i>		<i>0.86</i>	
Barn,	<i>5,552</i>		<i>0.00</i>	
Sundries,	<i>18,096.0</i>		<i>0.07</i>	
Total Supplies,	<i>219,578.9</i>	<i>53,193.69</i>	<i>2.25</i>	<i>2.10</i>
Miscellaneous,				
Total,				
As per Cost Sheet,				
Improvement,				
New Construction,		<i>1</i>		
Other Charges,				
Total,				

Year 1899 & 1900
 Cost Sheet for Month of
 Mine Cleff/Shaft
 The Cleveland-Cliffs Iron Co.

THE CLEVELAND-CLIFFS IRON CO.

Cost of Production for the Year *ending November 30th* 190*0*

MINE.	MONTH OF <i>Novem</i> TONS.				MONTHS, <i>12</i> TONS.				MONTHS, <i>12</i> TONS.			
	LABOR.		SUPPLIES.		TOTAL.		TOTAL.		TOTAL.		TOTAL.	
	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.
GENERAL EXPENSE.												
Insurance,			6780		6780				6780			
Taxes,			27312		27312				52628			
Engineering,	2790				2790							
Analysis,			36		36				1514			
Relief Fund,									660			
Mine Office,									6083			
General Office,												
Total,	2790		34158		36948				67070			
MAINTENANCE—Repairs of												
Tracks and Yards,												
Docks, Trestles and Pockets,												
Buildings,												
Shop Machinery,												
Boilers,												
Hoisting Machinery,												
Compressors and Air Pipes,												
Pumps,												
Portable Machinery,												
Top Tram Engines and Cars,												
Skips and Skip Roads,												
Underground Tracks and Cars,												
Total,												
MINING EXPENSE.												
Air Pipes,												
Compressors,												
Hoisting,												
Wire Rope, Skips and Pulley Stands,												
Pumps,												
Sinking,												
Drifting,												
Breaking Ore,												
Tramming,												
Filling,												
Timbering,												
Mining Captain and Bosses,												
Dry House,												
Top Landing and Tramming,												
Stocking and Sorting,												
Total,												
Cost of Production,					36948				67070			
Per cent.,												
EXPLORATORY.												
Exploring in Mines,												
Exploring Outside,												
Total,												
DEPRECIATION.												
Inventory,									31242			
Improvement,												
New Construction,					36404				10770			
<i>Chassis</i>												
Total,					36404				20572			
Total Cost on Stock Pile,					512				87642			
LOADING AND SHIPPING.												
Loading by Stemm Shovel, 1185 Tons			3127		3127	027			256877	026		
Loading by Hand, "									1121			
Bosses and Sorters, "												
Total Loading Stock Pile, "												
Loading at Pocket, "												
Shipping Expense,												
Total,					3127				257997			
Total Cost on Cars,					5611				313614			
Royalty, Comm'n and Expense, Cleveland Office,												
Total Cost,												

	MOS.		MOS.		SINKING.			DRIFTING.			COMPARATIVE COST.	
	AMOUNT.	PER TON.	AMOUNT.	PER TON.	FEET.	COST.	PER FT.	FEET.	COST.	PER FT.	TONS.	
New Construction,											190	Mos.
Improvement,											190	Mos.
Total,											190	Mos.

REMARKS.

Cost of Capital
Maintenance 3750
Cost of Equipment 32602
Cost 36352

ANALYSIS OF LABOR.

Labor as per Cost Sheet,
 Other Charges,

Total,
 As per Labor Statement,
 General Pay Roll,
 Total,

THE CLEVELAND-CLIFFS IRON CO.

Cost of Production for the year of 1900 and 1899

MINE.	12 Months 1900 16,625 TONS.						12 Months 1899						1900 16,625 TONS.	
	LABOR.		SUPPLIES.		TOTAL.		Labor		Supplies		TOTAL.		AMOUNT.	COST PER TON.
	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.	AMOUNT.	COST PER TON.		
<i>Salisbury</i>														
GENERAL EXPENSE.														
Insurance,			262.88	002	262.88	002			274.96	002	274.96	002	274.96	002
Taxes,			1593.11	010	1593.11	010			1937.64	012	1937.64	012	1937.64	012
Engineering,	191.32	001	80	000	191.32	001	93.40	001			93.40	001	93.40	001
Analysis,	281.10	002	1192.70	007	1473.80	009	211.20	002	1070.22	007	1281.62	007	1281.62	007
Relief Fund,			726.00	002	726.00	002			726.00	002	726.00	002	726.00	002
Mine Office,	1183.81	007	287.06	002	1470.87	009	1112.74	002	3516.5	003	1466.24	003	1466.24	003
General Office,	5711.65	036	1988.18	012	7700.83	048	4207.38	035	1259.1	011	6266.53	046	6266.53	046
Total,	7367.58	066	6051.83	032	13419.41	084	6526.64	026	5114.77	022	12041.41	027	12041.41	027
MAINTENANCE—Repairs of														
Tracks and Yards,	600.53	004	60.13	001	750.66	005	78.82	006	58.8	000	246.32	006	246.32	006
Docks, Trestles and Pockets,	122.51	001	33.92	000	176.43	001	106.37	001	106.27	000	176.24	001	176.24	001
Buildings,	1350.08	001	130.86	001	2680.94	002	699.2	001	30.1	000	100.73	001	100.73	001
Shop Machinery,	590	000	131.21	001	1371.1	001	87.7	001	40.13	000	127.83	001	127.83	001
Boilers,	102.19	001	362.48	002	464.67	003	22.32	000	36.92	000	597.2	002	597.2	002
Hoisting Machinery,	184.64	001	402.13	002	586.77	007	179.95	001	584.23	005	764.18	006	764.18	006
Compressors and Air Pipes,	381.3	000	62.10	001	1082.2	001	10.69	000	63.68	001	73.37	001	73.37	001
<i>Wrench</i> Pumps,	577.82	004	373.54	002	951.36	006	116.85	001	80.10	001	196.91	002	196.91	002
Portable Machinery,			84.00	000	84.00	000	73.65	000	61.61	001	135.29	001	135.29	001
Top Tram Engines and Cars,	115.7	000	34.90	000	150.6	000			24.00	000	24.00	000	24.00	000
Skips and Skip Roads,	708.24	004	234.62	003	1142.86	007	713.77	005	473.63	003	1130.29	003	1130.29	003
Underground Tracks and Cars,	1141.05	007	92.61	000	2027.66	013	1026.27	008	770.13	005	1816.66	013	1816.66	013
<i>Steam Pumps</i>	880	000	58.12	000	670	000	53.05	000	272.1	002	325.66	002	325.66	002
<i>Sinking Sinks & Engines</i>									1.00	000	1.00	000	1.00	000
Total,	3779.07	023	3600.74	023	7379.81	046	3276.48	024	2132.63	016	5409.11	023	5409.11	023
MINING EXPENSE.														
Air Pipes,	223.94	002	300.59	001	524.53	003	88.80	001	17.82	000	106.62	001	106.62	001
Compressors,	1356.05	008	1948.09	013	3304.14	021	763.34	005	871.52	007	1633.86	012	1633.86	012
Hoisting,	3384.72	021	6773.70	030	10158.42	051	2903.91	021	3445.79	026	6349.70	047	6349.70	047
Wire Rope, Skips and Pulley Stands,			25.11	000	25.11	000	9.75	000	26.69	000	31.84	000	31.84	000
<i>Wrench</i> Pumps,	2497.47	018	3113.62	020	5611.09	038	1510.08	011	1062.20	011	2572.28	022	2572.28	022
Sinking,	1559.56	010	388.83	001	1948.39	011	565.17	002	28.02	000	611.77	002	611.77	002
Drifting,	1002.96	062	1205.51	008	2208.47	070	5570.52	081	5792.00	006	6097.8	065	6097.8	065
Breaking Ore,	6036.75	376	2604.84	017	8641.59	393	2996.88	166	2092.69	015	5401.57	381	5401.57	381
Tramming,	1750.29	109	300.10	002	2050.39	111	1404.86	102	2115.2	002	2420.09	105	2420.09	105
Filling,														
Timbering,	6954.61	043	6120.16	053	13074.77	106	5726.99	042	6463.16	047	12217.95	079	12217.95	079
Mining Captain and Bosses,	3979.70	025		000	3979.70	025	4033.25	030		000	4033.25	030	4033.25	030
Dry House,	593.25	000	80.05	000	673.30	004	539.23	000	41.22	000	580.45	004	580.45	004
Top Landing and Tramming,	2785.60	017	225.01	003	3010.61	020	2080.49	015	2711.77	000	2352.26	017	2352.26	017
Stocking and Sorting,	310.69	002	99.69	001	410.38	003	188.60	002	24.30	000	235.98	002	235.98	002
<i>Wrench</i> Sinks	4442.96	028	166.66	000	4609.62	028	7010.50	051	5022.00	004	7512.50	055	7512.50	055
<i>Steam Pumps</i>	127.22	001	106.70	001	233.92	002	193.78	014	289.80	021	423.58	035	423.58	035
Total,	11662.82	706	22493.06	140	34186.88	260	96463.63	710	12461.12	139	115942.67	249	115942.67	249
Cost of Production,	12776.72	795	32146.63	201	59914.36	776	106467.20	780	27207.04	199	133675.14	979	133675.14	979
Per cent.,	80%		20%		100%		80%		20%		100%		100%	
EXPLORATORY.														
Exploring in Mines,														
Exploring Outside,														
DEPRECIATION.														
Inventory,					167.32	001					559.21	004	559.21	004
Improvement,					5476.37	034								
New Construction,					733.23	005					1324.50	007	1324.50	007
<i>Wrench</i> Sinks					6376.67	040					258.64	006	258.64	006
<i>Unclaimed Agues</i> Co.					6000	001					1324.50	007	1324.50	007
Total,					6307.77	039					1324.50	007	1324.50	007
Total Cost on Stock Pile,					16622.02	1030					16622.02	1030	16622.02	1030
LOADING AND SHIPPING.														
Loading by Steam Shovel,	30.86		1039.33		1070.19	024	61.01		1237.35		1298.36	034	1298.36	034
Loading by Hand,	770.39		7.17		777.56	189	279.1				279.1	100	279.1	100
Bosses and Sorters,														
Total Loading Stock Pile,														
Loading at Pocket,	1343.64		48.65		1392.29	014	1186.00		39.62		1226.52	013	1226.52	013
Shipping Expense,	16.60				16.60						16.60		16.60	
Total,	1621.88	010	1095.15	007	2717.03	011	1202.60	011	1276.97	009	2503.49	022	2503.49	022
Total Cost on Cars,	2943.02	805	33240.78	208	36187.80	1620	107911.96	791	28484.91	208	104666.99	1028	104666.99	1028
Royalty, Comm'n and Expense, Cleveland Office,														1.50
Total Cost,														12.26

ACCOUNTS NOT SHOWN OFF.	MON.		MOS.		SINKING.			DRIFTING.			COMPARATIVE COST.		COMPARATIVE COST.		
	AMOUNT.	PER TON.	AMOUNT.	PER TON.	FEET.	COST.	PER FT.	FEET.	COST.	PER FT.	TONS.	MON.	TONS.	MOS.	TONS.
New Construction,												1896	190	Mos.	127.22
Improvement,												1897	190	Mos.	136.31
Total,												1898	190	Mos.	112.81

REMARKS.

A trail of credits in 1899.

Shot Carriage 1.83

Sale of Equipment 1341.34

#154879

ANALYSIS OF LABOR

Labor as per Cost Sheet,

Other Charges,

Total,

As per Labor Statement,

General Pay Roll,

Total,

Statement of CLIFFS SHAFT ore for year ending Nov. 30, 1900.

	<u>Tons</u>	<u>Tons</u>
In stock at Mine Dec. 1, 1899	200	
Produced during year	<u>264330</u>	
Total CLIFFS SHAFT ore		264530
Other ores transferred to Cliffs Shaft		
Coarse Scotch(Weekly Mine Report)	6027	
Coarse Scotch(as Co. Cl. Shaft)		
June 12 "CHOCTAW"	767	
22 "FRONTENAC"	1090	
July 5 "ANDASTE"	709	
Beresford as Crush. Cl. Shaft	16465	
Castleford " " " "	<u>19382</u>	
Total other ores as Cliffs Shaft		<u>44440</u>
Total		<u>308970</u>
Shipped		
Coarse "Conneaut"	10093	
Erie	41014	
Crushed Pioneer Furnace	8250	
Carp Furnace	62	
Northwestern Iron Co.	12161	
Antrim Iron Co.	2285	
Elk Rapids Iron Co.	15022	
Spring Lake Iron Co.	5813	
So. Chicago Furn. Co.	15045	
Illinois Steel Co.	25114	
Manistique Iron Co.	518	
Cleveland	23067	
Fairport	2272	
Ashtabula	3315	
Conneaut	42706	
Erie	<u>26639</u>	
Total Cliffs Shaft		233376
In stock at Mine Nov. 30, 1900		75594
Total		<u>308970</u>

84770

X

Statement of SALISBURY ore for year ending Nov.30,1900.

		<u>Tons</u>	<u>Tons</u>
	In stock at Mine Dec. 1, 1899	2550	
	Produced during year	<u>109426</u>	
	Total Salisbury		111976
	Other ores transferred to Salis.		
Aug. 14	"ANGELINE"	1504	
Sept. 23	"PEASE"	320	
23	"PLANET"	132	
23	"ANGELINE"	1561	
27	"PIONEER"	94	
Oct. 5	"FAY"	290	
6	"RANNEY"	956	
6	"PIONEER"	639	
9	"ANGELINE"	2373	
11	"PEASE"	296	
11	"PLANET"	339	
17	"MOWATT"	254	
Nov. 3	"PIONEER"	707	
4	"CENTURION"	2059	
11	"FAY"	400	
11	"RHODES"	507	
24	"ANDASTE"	820	
26	"PIONEER"	220	
26	"CADILLAC"	744	
Dec. 3	"FAY"	427	
	Buffalo as Salisbury	87533	
	Cameo as Salisbury	11947	
	Bedford as Salisbury	<u>43807</u>	
	Total other ores as Salis.		<u>157929</u>
	Total		<u>269905</u>
	Shipped		
	Pioneer Furnace	18664	
	Carp Furnace	5526	
	Nothwestern Iron Co.	218	
	Antrim Iron Co.	15401	
	Spring Lake Iron Co.	10469	
	Gaylord Iron Co.	3164	
	Peninsular Iron Co.	5183	
	Toledo	15428	
	Cleveland	2520	
	Ashtabula	39109	
	Erie	85390	
	Buffalo	<u>64599</u>	
	Total Salisbury		265671
	In stock at Mine Nov. 30, 1900		<u>4234</u>
	Total		<u>269905</u>

5

IRON CLIFFS CO.

CLIFFS SHAFT MINE.

Record of Delays from Various Causes Year ending Nov.30, 1900.

	Hours Delay	Tons Lost	Per Cent of Time Lost	
			1900	1899
Fatal Accidents	60	2661	.145	.308
Strike				.054
Skips & Skip roads Bell Line	19 ✓	0	.046	.014
Hoisting Machinery	18 ✓	0	.043	.033
Motors & Cars-Underground Tracks and cars				
High Water in Lake Bottom Shaft and shaft House repairs				
No. R. R. Cars				
Barring Ground				
Top tram engine&cars	8 ✓	0	.019	.006
Cave In and Mud				
Crusher repairs	32 ✓	0	.077	.127
Rain and snow	1 ✓	0	.002	
Miscellaneous	1 ✓	0	.002	
Total	139	2661	.332	.542
Holidays	280	12418	.668	.458
Total Inc. Hoildays	419	15079	1.000	1.000
Actual product for year			264330	
Aver. product per day for year			887	
No. of full ds. mine worked per yr			292	
Number days idle			21	
Lost Prod.(Including Holidays)			2661	
FIXED CHARGES				
		Tons	Cost	Amount
Accts. not affected when mines are idle				
General Expense			.083	21672.22
Maintenance			.032	8462.54
Air Pipes			.004	976.35
Pumping			.040	10564.08
Mining Captain			.009	2500.00
Depreciation			.106	27956.04
Total			.274	72131.23
Total Cost on St.Pl.for yr.Actual		264330	1.134	299919.41
Less fixed charge cost per ton			.274	
Cost of Lost Product		2661	.860	2288.46
Possible prod.& cost		266991	1.132	302207.87
Loss or the difference between act. and possible cost & the amt. Do. 1899		266991 263824	.002 .015	533.98 3957.36

IRON CLIFFS CO.

SALISBURY MINE.

Records of Delays from various causes year ending Nov. 30, 1900.

	Hours Delay	Tons Lost	Per Cent of Time Lost	
			1900	1899
Fatal Accidents				
Strike				.147
Skips & skip roads Bell Line	60	210	.145	.104
Hoisting Machinery	9	200	.022	.351
Motors & cars-Underground cars				
High Water in Lake Bottom				
Shaft & shaft house repairs				
No. R. R. Cars				
Barring Ground				
Top Tram engines and cars				.013
Cave In				
Crushed Repairs				
Rain and snow				
Miscellaneous				
Total	69	410	.167	.615
Holidays	344	7490	.833	.385
Total Inc. Holidays	413	7900	1.000	1.000
No. days-24 hrd. per day-	17 $\frac{1}{3}$			
Act. prod. for year	160635			
Aver. prod. per day per yr.	535			
No. of full days mine worked per year	295 $\frac{2}{3}$			
No. of Days idle	17 $\frac{1}{3}$			
Lost Product (Excluding Holidays)	410			
FIXED CHARGES				
	Tons	Cost	Amount	
Accts. not affected when mines are idle.				
Gen. Exp. except Analysis & R.Fund Maintenance		.070	11217.91	
Air Pipes		.046	7379.75	
Pumping		.003	424.53	
Mining Captain		.040	6335.01	
Dave In		.011	1800.00	
Stripping				
Exploring				
Depreciation		.039	6307.67	
Total		.209	33464.87	
Total Cost on St.Pl. for yr.Actual	160635	1.035	166222.02	
Less Fixed Charges-Cost per ton		.209		
Cost of Lost Product	410	.826	338.66	
Possible prod.& Cost	161045	1.034	166560.68	
Loss or the difference between actual and possible cost & Amt. Do. 1899	161045 146221	.001 .019	161.05 2778.20	

Iron Cliffs Co.

Delaware Cliffs Shaft Ore - Year ending Nov. 30, 1900.

Date	At Mine			At Lake Erie ports									
	Tons	Price	Amount	Tons	Price	Amount	Tons	Price	Amount				
Dec. 1899	7352	400	1102826				2506	1860	241	604091			
							3221	60	250	805256			
							940	1600	2475	232827			
							162	1580	465	76122			
Jan'y 1900	1334	330	200121				7420	2100	241	1788445			
							1263	780	250	315837			
							1909	1940	2475	472691			
February							1474	140	241	355249			
							120	2000	250	30223			
							2217	1320	2475	578604			
March	888	420	288661				886	1860	241	213726			
			943				1687	1020	2475	417643			
							1100	1200	250	275134			
							230	2000	465	107365			
April	1320	280	429126				1106	60	241	266552			
	2544		321	816624			2276	1860	2475	563515			
							1853	1080	250	468370			
							1587	920	465	738146			
							100		475	47500			
May	8392		321	2693832			105	300	241	25337			
	6100	580	325	1982575			33	1580	2475	8341			
							2323	1280	250	580893			
							5661	1060	465	2632585			
June	17016	1490	321	5473768			1910	100	250	477511			
	6980	200	325	2268527			9644	1340	465	4484739			
							25	1500	475	12193			
July	8115	650	321	2605008			396	960	241	95539			
	3997	2030	325	1299318			2334	2140	250	583739			
							12635	1600	465	5875605			
Aug.	3320	1420	321	1068812			603	1180	241	145450			
	2844	1460	325	924510			3822	1620	250	955680			
Sept.	1777	2220	325	577846			14558	1530	465	6769243			
							517	720	241	124673			
							4213	980	250	1053359			
Oct.	5358	850	325	1741471			11004	2040	465	5117282			
							100	1200	241	24229			
							1827	1620	250	456943			
							5450	100	465	2534269			
							6658	680	475	3162692			
Nov.	3932	-	321	1262172			93	480	241	22464			
	2784	1090	325	904956			5509	540	465	2561796			
							4205	1500	475	1997692			
										164740			
Summary													
Delaware Cliffs Shaft Ore	8686	730	150	1302004	57054	1910	2345	1339	9067	48368	1180	2480	12097063
1900	45881	2040	322	24337206	152318	510	3956	6045	5040	77436	1010	4664	36117834
					20972	480	3519	738	54187				

Delaware Salubury - Year ending Nov. 30, 1900.

	at Mine			at Marquette			at Lake Erie ports		
	Tons	Price	amount	Tons	Price	amount	Tons	Price	amount
Dec. 1899	4875	120	585029				1775	195	346155
Jan. 1900	1749	120	209883				1848	195	360442
Feb. "	916	120	110014				474	195	92468
Mar. "	2561	120	307370						
	2028	260	527319						
Apr. "	6808	260	1770202				4741	195	924683
May	4240	260	1102623	2675	287	767725	6759	195	1318112
							16768	400	6707523
June	6462	260	1680286				5856	410	2401002
							23067	400	9227005
July	6332	260	1646545				1969	410	807420
							12606	400	5042493
Aug.	3134	260	814916	2818	287	808766	1807	410	740870
							17484	400	6993929
Sept	2287	260	594721				7572	410	3104520
							3105	195	605639
							15906	400	6362686
							3205	410	1314233
Oct.	5951	260	1547368	2766	287	793842	4560	195	889234
							11133	400	4453490
							3074	410	1260340
Nov.	2928	260	761326	8459		4370323	3360	195	655291
							12325	400	5010321
							9695	410	3975116
									42150
									52635129
Sales of Previous years	10103	120	1212365				26625	195	5192024
1900 Sales	40174	260	10445301	8259	287	2370333	14267	400	57443098

Previous year's sales 367221850 17436404389
 1900 sales 191106400 367570258732
 227835 10 336576663121

Deliveries Salisbury Passover - Year ending Nov. 30, 1900.

Month	at Mines			At Marquette			At Lake Erie ports			
	Tons	Price	Amount	Tons	Price	Amount	Tons	Price	Amount	
				3858	320	435	1678293			
Sept.	5534	1890	405	2241611	18846	920	435	8198188		
Nov.				5385	2100	435	2322133			
1900 Sales	5534	1890	405	2241611	5014	1200	435	2181340		
				3858	320	436	16621565			

Deliveries Salisbury #3 Year ending Nov. 30, 1900.

	at Mines			At Lake Erie port			
	Tons	Price	Amount	Tons	Price	Amount	
December				370	2000	200	74178
January				506	660	200	101259
February				799	1640	200	159946
April				833	1580	200	166741
May				1273	1580	200	254741
June				1137	1120	200	227500
August				224	140	200	44812
Nov.				479	1540	200	95937
Previous year Sales				5625	1300	200	1125114

Silveries Foster - Year ending Nov. 30, 1900

	at Mine				at Lake Erie port					
	Tons	Price	Amount	Tons	Price	Amount	Tons	Price	Amount	
Dec.							428	1280	195	83571
Jan.							665	2050	195	129853
Feb.							1455	100	203 ⁵	296101
Mar.							1695	1700	203 ⁵	345086
Apr.							834	1840	195	162790
							6996	60	203 ⁵	1423691
May							475	400	195	92659
June							440	740	208 ⁵	89608
June	1143	900	200	228680						
July							601	760	195	117261
Aug.							787	1820	195	143872
Nov.							1008	1280	195	196671
Previous year	1143	900	200	228680			15339	830	2008	3081164
				Previous year's sales	16492	1730	2008	3309844		

Silveries Titch #2 Year ending Nov. 30, 1900.

	at Mine				at Lake Erie ports					
	Tons	Price	Amount	Tons	Price	Amount	Tons	Price	Amount	
Dec.							564	90	355	200234
Feb.							1189	140	355	422117
Apr.							514	290	355	182516
May							204	390	355	72482
				Previous year's Sales	2471	910	355	877349		

Delaware Silica year ending Nov. 30, 1900.

	At Mine			at Marquette			At Lake Erie ports							
	Tons	Price	Amount	Tons	Price	Amount	Tons	Price	Amount					
Dec.							1035	1300	140	144991				
							671	860	150	100707				
							1470	700	160	235249				
Jan.							747	1420	140	104668				
							1010	1000	150	151567				
							530	1600	160	84914				
July							617	1120	140	86450				
							160	1150	150	24077				
							850	600	160	136043				
Mar.							534	1140	140	74931				
							2164	1390	160	346339				
Apr.							746	1560	140	104537				
							3551	560	160	568200				
May							137	1420	140	19268				
							1286	1420	160	205864				
June							168	880	140	23575				
							967	1220	160	154807				
							1753	1380	270	473475				
July							2378	430	270	642111				
Aug							141	810	270	38167				
Sept	144	1390	100	144	62		169	1860		371785				
Oct				494	-	125	617	50						
Sales of Previous year							16651	1420	1541	2566077				
1900	144	1390	100	144	62	494	-	125	617	50	4273	380	270	1153753

Previous year 16651 1420 1541 2566077
 1900 4911 1770 2504 1229965
21563 1010 1760 3796042

Iron Cliffs Co.

Division of Ore

At Mines

Loliffe shaft

Antonia Iron Co			
292	20	150	438.01
588	400	325	2877.18
384	240		423.34
821	350		2,225.30
1993	1040		4419.32

Loliffe shaft Iron Co			
1071	570	150	1606.59
2043	300	325	5632.05
2007	1200		6524.62
1504	140		4254.74
1194	1090		3895.33
7178	790		28,329.64

Northwestern Iron Co			
5088	2020	150	8483.36
7330	320		2401.21
7278	100		18,984.57
7217	270	325	2,753.11
1768	280		5746.00
1144	1200		3852.43
656	810		2,152.45
370	320		1,209.31
41,838	680		15,724.46

Illinois Steel Co

1295	325	6082.95
649		2083.39
5306		10,772.76
5700		10,277.00
5225		1,000.00
5275		17,574.75
1665		5,218.44
641		2,218.11
1914		6,159.49
1604		1,300.18
740		240.75
2127		6,855.77
24,988		80,211.46

Pearson Iron Co

61	1000	325	200.93
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Lynne Lake Iron Co

9720	1230	325	3,166.99
1040	1030		3,282.44
1000	1270		3427.40
1036	460		335.66
1061	210		3484.39
645	1120		2097.91
5,813	1130		18,893.86

South Coleraine Iron Co

2422	301	7774.62
2614		8300.94
1496		4042.16
1171		3708.91
2410		8699.10
2461		8302.81
1795		5761.95
14969		48,050.49

Rich Pafels Iron Co

200	1170	325	657.69
972	210		3,165.31
879	2060		2859.72
843	2100		1714.54
1597	1390		5192.26
834	700		2711.01
847	1220		2,952.02
1753	1240		5,829.12
822	920		2,672.88
1587	1170		4,809.44
812	530		2,787.24
1649	2160		5,362.37
804	240		2,809.09
856	1450		2,854.87
473	1380		1,139.20
587	570		1844.01
15,021	1200		45,819.92

Marysville Iron Co

265	650	325	851.58
252	420		810.90
517	2070		1,662.53

82,068

530

256,392.10

At Mines

Salisbury

Antwerp I Co			Blood Bluff Iron Co			Spray Loh. I Co					
643	1710	120	772.51	4231	2220	120	5078.28	217	1670	200	526.02
1870	1010	200	4707.17	1749	20	-	2098.83	996	270	-	2574.31
5304	70	-	13,798.20	916	1760	-	1100.14	740	820	-	1,974.94
20016	1400	-	5,327.03	2551	1170	-	3073.79	1524	1690	-	2,442.24
1296	760	-	3,270.48	9459	660	-	11,351.14	1088	1830	-	2,452.94
437	860	-	1,134.19	425	2050	200	1,107.50	1042	1640	-	2,780.10
215	1460	-	1,566.92	654	1920	-	1,702.24	1082	810	-	2,013.50
1622	1820	-	4,021.59	892	720	-	2320.27	1070	1830	-	2,783.45
1829	1200	-	1,757.95	2895	2250	-	7,221.76	2918	1760	-	7,640.84
187	500	-	487.24	2229	170	-	5795.60	10,227	140	-	26,690.32
14766	1970	-	38,567.77	2109	1470	-	5482.10	418	240	-	1,193.68
				9204	2050	-	22932.79	10,666	380	-	27,724.00

Pioneer I Co

85	870	260	222.01
796	1820	-	2071.71
1087	1410	-	2827.82
848	1820	-	1,220.56
689	1870	-	1,792.64
680	1870	-	1,725.62
723	1220	-	1,521.21
231	280	-	1,640.27
5526	750	-	14,368.45

50,277
 800 116,576.66

Salisbury Bess

Cleveland Iron Mining Co

5534	1890	400	22,416.11
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Foster

Antwerp Iron Co

1143	700	200	3,286.80
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Tilden

Cleveland Bluff Iron Co

144	1390	-	1,441.62
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At Marquette

Salsbury

Particulars	Iron Co	Rayford Iron Co
1625	4405.45	3940.51
1445	4147.15	1770.79
2149	6167.63	3271.80
5129	14720.23	8983.10

8259 23,703.53

Salsbury Piers

Leeward Iron Mining Co
 33055 @ 160 @ 14.35 143,799.54

Tilden Hill Ore

Rayford Iron Co
 4945 @ 125 617.50

Cliff Slabs

1896	273	L. R. Warr & Co	9165	360	@	260	24,333.76
1899	418	Kelley Rail & In Co	2304	1550		271	5551.92
"	439	Bellair Slab Co	380	1500		"	917.73
"	443	Searge Slab Co	9142	920		-	22,033.20
"	444	"	16491	1660		235	41,229.36
"	446	Martiny S & S Co	7500			"	18,749.98
"	451	Span Slab Co	2646	460		241	6,377.34
"	454	Brown Slab Co	737	1120		"	1,777.36
1900	495	Phillips Mining Co	201	1260		465	937.26
"	505	Searge Slab Co	10816	160		525	51,376.31
"	506	"	58672	130		465	272,829.64
"		Clinton S & S Co	58	380		"	270.48
"	530	Mullins S & S Co	2000			"	9,200.00
"	532	Page Warr in Co	100			475	475.00
"		La Belle Slab Co	25	1500			121.93
"	537	Martiny S & S Co	5514	40		465	25,640.17
"	527	L. R. Warr & Co	47	2020		475	227.83
			<u>125,804</u>	<u>2190</u>			<u>482,148.97</u>

Salisbury

1899	437	Colinton & S Co	14,907	1000	@ 195	29,069.49	✓
"	440	Belfont Lumber Co	3,431	920	"	16,442.42	✓
"	450	Stratton Lumber Co	196	1940	"	383.58	✓
"	453	Ohio Iron & Steel Co	3,089	1020	"	6,024.45	✓
1900	491	Thomas Iron Co	17,922	1250	4.00	71,690.21	✓
"	492	Ohio S & S Co	1711	2060	"	6,847.67	✓
"	493	Stratton Lumber Co	28,400	1980	"	113,603.14	✓
"	494	Belfont Lumber	7342	1720	"	29,371.06	✓
"	497	Pamper Lumber Co	3,963	2140	4.00	16,252.21	✓
"	498	Pamper Lumber Co	25,000	1920	"	102,501.30	✓
"	500	Pamper Lumber Co	22,156	1060	4.00	88,627.30	✓
"	514	E & S Iron & Steel Co	10,000		"	39,999.99	✓
"	529	Penna Steel Co	21,958	1740	"	87,835.10	✓
"		P. A. Harris & Co	4,215		4.00	17,703.00	✓
			<u>169,298</u>	<u>1450</u>		<u>626,351.22</u>	

		<u>Shares</u>					
1897	352	Colonia 23,860	342	770	Shares @ 1.40	522.21	
"	371	Reserve Shares	8357	2120	"	4981.10	
1898	355	Colonia 23,860	430		"	602.00	
1899	438		1500		150	2200.00	
1899	417	Whitney 6,736	774	940	150	1,229.06	
"	458	Ohio Steel Co	4683	2180	"	9,494.36	
"	466	Mahoning Valley M	5362	2190	"	2,572.04	
1900	499	Colonia 23,860	4273	350	270	11,537.53	
			20,924	1860			37,198.30

5441 2180 1360508

1899 459

Salisbury #3

Alma Land 245 5625 1300 @ 200 11,251.14

Fitch # 2

1899 2476 Sharpsville Ym Co 2471 910 @ 300 0.772.49

Iron Cliffs Co.

Delivered by Ore

IRON CLIFFS CO.

Analyses of Improvement and New Construction,

November 30th, 1900.

<u>CLIFFS SHAFT MINE.</u>	Inventory Nov. 30'00	Expndtrs for year	Total	Deprec'n for year	Inventory Nov. 30'00
<u>IMPROVEMENT.</u>					
Fire Protection		564.80	564.80	564.80	
<u>NEW CONSTRUCTION.</u>					
Crusher Plant (Old Acc't)	5577.76		5577.76	5577.76	
New General Office	4844.11	575.55	5419.66	5419.66	
<u>Total</u>	10421.87	575.55	10997.42	10997.42	
Re-Opening Cliffs Shaft Mine	14349.33		14349.33	14349.33	
Boarding House	2920.13	716.95	3637.08	1998.54	1638.54
Depreciation Wm. G. Mather, Tres, 1638.54 Rent Rec'd 360.00 <u>\$1998.54</u>					
<u>Total Cliffs Shaft Mine.</u>	27691.33	1857.30	29548.63	27910.09	1638.54
<u>SALISBURY MINE.</u>					
<u>IMPROVEMENT.</u>					
Trestle		317.04	317.04	317.04	
Stock Pile Dock		2517.76	2517.76	2517.76	
Coal Dock		962.74	962.74	962.74	
Stock Pile Ground		720.00	720.00	720.00	
New Shaft		401.78	401.78	401.78	
Fire Protection		557.00	557.00	557.00	
<u>Total</u>		5476.32	5476.32	5476.32	
Steam Shovel #3 Cl. Shaft Dep. 784.65 Salisbury " 733.03 Rec'd Rent 160.00 <u>\$1577.58</u>	4429.26		4429.26	1677.68	2751.58
<u>FOSTER MINE.</u>					
Machinery Plant	1045.09		1045.09	1045.09	
Machinery Sold Imperial					
<u>Total Iron Cliffs Co.</u>	33165.68	7333.62	40499.30	36109.18	4390.12

IRON CLIFFS CO.

Analyses of Improvement and New Construction,

November 30th, 1900.

<u>CLIFFS SHAFT MINE.</u>	Inventory Nov.30' 00 1899	Expndtrs for year	Total	Deprec'n for year	Inventory Nov.30'00
<u>IMPROVEMENT.</u>					
Fire Protection		564.80	564.80	564.80	
<u>NEW CONSTRUCTION.</u>					
Crusher Plant(Old Acc't)	5577.76		5577.76	5577.76	
New General Office	4844.11	575.55	5419.66	5419.66	
<u>Total</u>	10421.87	575.55	10997.42	10997.42	
Re-Opening Cliffs Shaft Mine	14349.33		14349.33	14349.33	
Boarding House	2920.13	716.95	3637.08	1998.54	1638.54
Depreciation Wm. G.Mather, Tres, 1638.54 Rent Rec'd 360.00 <u>\$1998.54</u>					
<u>Total Cliffs Shaft Mine.</u>	27691.33	1857.30	29548.63	27910.09	1638.54
<u>SALISBURY MINE.</u>					
<u>IMPROVEMENT.</u>					
Trestle		317.04	317.04	317.04	
Stock Pile Dock		2517.76	2517.76	2517.76	
Coal Dock		962.74	962.74	962.74	
Stock Pile Ground		720.00	720.00	720.00	
New Shaft		401.78	401.78	401.78	
Fire Protection		557.00	557.00	557.00	
<u>Total</u>		5476.32	5476.32	5476.32	
Steam Shovel #3 Cl. Shaft Dep. 784.65 Salisbury " 733.03 Rec'd Rent 160.00 <u>\$1677.68</u>	4429.26		4429.26	1677.68	2751.58
<u>FOSTER MINE.</u>					
Machinery Plant	1045.09		1045.09	1045.09	
Machinery Sold Imperial					
<u>Total Iron Cliffs Co.</u>	33165.68	7333.62	40499.30	36109.18	4390.12

IRON CLIFFS CO.

Analysis of "Mineral Lands" & "Explorations" for year Ending Nov. 30th, 1900.

Mineral Lands.

Cost of Geological Survey by Smythe
& Finlay :

Total as per Report of last year 1749.86

Expenses during Year:

H.L. Smythe 24 days @ \$50.00	1200.00	
" " Typewriting	36.20	
" " Draughting	48.55	
" " Thin Sec. 56 @ 40	22.40	
" " Repairing Compass	5.00	
Traveling Expenses - Weld	74.60	
Express on Samples	2.25	
Freight Charges	1.42	
Work on Samples	1.92	
Engineering (Our Office)	<u>19.09</u>	

Total Smythe Survey	1411.43	<u>1411.43</u>
---------------------	---------	----------------

Total Cost to Date		<u>3161.29</u>
--------------------	--	----------------

Explorations on Our Own Lands.

Total as per Report of last year 2487.46

General.

Thos. Buzzo	95.12	
28 Determinations on Samples	3.36	
Paid Wm. Penglase for information as to ore deposit on Sec. 15, 7/47/27	<u>30.00</u>	

Total	128.48	
-------	--------	--

Less Credits by Material Returned

Acct. of Mineral Lands	4.40	
Acct. Explorations	<u>42.16</u>	

Total Credit	46.56	
--------------	-------	--

Net Cost for Year	81.92	<u>81.92</u>
-------------------	-------	--------------

Total Cost for two years		<u>2569.38</u>
--------------------------	--	----------------

Total Cost for year	1493.35	
---------------------	---------	--

Total Cost for two years		5730.67
--------------------------	--	---------

Accounts as follows:

Mineral Lands	1536.51	
Explorations, Credit	<u>42.16</u>	
	1493.35	

Iron Cliffs Co.

Analysis of

Annual Costs & Expenses

Nov. 30, 1900

of Mineral Lands & Improvements for year ending Nov. 30th, 1900.

IRON CLIFFS CO.

Mineral Lands

Improvements

General Report of last year

1743.80

Balance at end of year:

1300.00

Expenses during year:

Land	18.08
Work on Samples	1.32
Traveling Charges	1.45
Expenses on Samples	3.82
Traveling Expenses - Wells	14.80
" Reclaiming Complex	2.00
" " " "	33.40
" " " "	40.25
" " " "	36.30
" " " "	1300.00

1411.42

1411.42

General

2101.20

Total cost to date

3512.62

Total for Report of last year

General

Balance at end of last year	20.00
Expenses during year	2.28
Total	22.28

Account for last year

138.48

Account for last year

48.28

Account for last year

81.21

81.21

Total cost for last year

266.97

Total cost for last year

1400.39

Total cost for last year

2101.20

Accounts as follows:

Mineral Lands

12.88

Improvements

31.31

22.80

IRON CLIFFS CO.

Detail of Accounts Payable, Nov. 30th, 1900.

Pay Rolls

26871.61

Bills Audited:-

Negaunee Land Dept.	14.00
D.S.S. & A. Ry. Co.	54.04
Wilfred Boucher	5.53
Erick Makki	20.94
Neg. & Ish. St. Ry. & Electric Ry. Co.	30.25
F. Braastad & Co.	19.74
Wm. T. Cole	33.45
Charles Racine	25.00
John Blake	43.74
W. H. Oakley	21.87
Victor Hongista	21.87
Martin Ramile	25.00
Mrs. A. Williams	1.00
John W. Jochim Hdw. Co. L.	1.35
A.R. Duchane	9.60
Fred P. Tillson	2.95
R.A. Burke	4.00
Lake Superior Iron Co.	9.28
Rand Drill Co.	42.68
American Electric Co.	3.66
B.F. & H.L. Sweet Co.	3.00
Negaunee & Ishpeming St. Ry. & Electric Co.	13.25
Cleveland Iron Mining Co.	253.58
C.H. Moss, Cashier	25.00
Felth & Vandeventer	538.00
John Salson	68.25
Benefit & Suspense Funds	221.08
Ishpeming City Water Works	47.00
Cleveland Iron Mining Co.	7.52

1566.63

1566.63

Taxes Unpaid

13212.95

Estate of Thos. Casey

500.00

J.A. Hodgkins

246.24

Poll Tax

2.00

J.C. Hodge

20.40

Total

42419.83

Iron Cliffs Co.

Dept. No. 711
Details of Accounts Payable

Nov. 30, 1900.

Details of Accounts Payable, Nov. 30th, 1900.

IRON CLIFFS CO.

34871.91

Dr. to Credit:

Net. P. Inv. Sp. SA. & Mercantile	20.94
Major Maki	2.22
Alfred Donohue	24.04
D. S. S. & A. H. Co.	14.00
Hoganue Lang Dept.	
<hr/>	
T. Brewster & Co.	20.52
Wm. T. Cole	22.42
Charles Hoag	22.00
John Blake	42.14
A. H. Orfey	31.81
Alfred Hendrick	32.00
Wm. A. Williams	1.22
John W. Josephson	1.22
Y. S. Buchanan	2.80
Fred K. Allison	3.82
R. V. Burke	4.00
Lake Superior Iron Co.	48.42
Grand Trunk Co.	2.32
Amelco Electric Co.	3.00
H. B. & H. I. Street Co.	22.82
McGowan & Lehman St.	12.52
Cleveland Iron Mining Co.	7.00
Hammond Oil & Water Works	32.00
Bennett & Greenough Range	22.82
John Nelson	22.82
<hr/>	
Cleveland Iron Mining Co.	7.00
Hammond Oil & Water Works	44.00
Bennett & Greenough Range	22.82
John Nelson	22.82
<hr/>	
Belph & Ampleverter	228.00
C. H. Mann, Cashier	32.00
Cleveland Iron Mining Co.	222.82
R. V. & H. I. Co.	12.52
<hr/>	
Total	4343.62

1222.82

1222.82

W. C. Hodge
 Holt Cox
 J. A. Hodge
 Estate of Thos. Green
 Taxes unpaid

Total

4343.62

30.40
 2.00
 242.24
 200.00
 1222.82

IRON CLIFFS CO.

Detail of Accounts Receivable, Nov. 30th, 1900.

Cleveland Iron Mining Co.	5669.29	
Pioneer Iron Co.	9268.43	
W.M. Sterling	13.75	
L. S. & I. Ry. Co.	.59	
R.W. Clayson	31.78	
Thos. Buzze	25.30	
J.H. Rough	62.75	
Superior Posten	100.00	
J.F. VanBrocklin	23.40	
C. N. W. Ry. Co.	4.98	
Marquette Co. Telephone Co.	5.00	
Ishpeming Floral Co.	37.50	
	<hr/>	
Total		15242.77 ✓

Iron Cliffs Co.

Dept. Mr. [unclear]

Details of Accounts Receivable

Nov 30, 1900

IRON CLIFFS CO.

Details of Accounts Receivable, Nov 30th, 1900.

Lehigh Valley Electric Co. .00
 C. N. W. A. Co. .00
 W. S. Anderson & Co. .00
 Superior Electric Co. .00
 A. S. Jones .00
 J. S. [unclear] .00
 Iron Cliffs Co. .00
 New England Electric Co. .00
 [unclear] Iron Mining Co. .00

27.80
 4.38
 00.2
 32.40
 06.53
 100.00
 00.00
 03.42
 24.20
 06.50
 97.48
 27.48
 13.48
 2098.25

Total

2098.25

IRON CLIFFS CO.

Report of Operating Steam Shovel No. 3 for Season of 1900.

<u>Product, etc.</u>	1900	1899
No. Days Shovel Worked	100	176
Average No. hours worked per day	5.65	5.88
Total No. tons loaded	131651	253489
Avg. tons per day loading	1317	1440
No. men working with shovel	11	11
Average tons per man per day	119.7	131
Average wages per day for runners	2.50	2.35
Average wages per day for laborers	1.75	1.65
Labor cost per ton Operating	.020	.016
Supply cost per ton Operating	.004	.003
Total	.024	.019

<u>EARNINGS.</u>	Tons 1900	Tons 1899	Amount	Cost	Amount	Cost
Hard Ore	23601		751.26	.032		
Lake	55237	159378	1235.58	.022	3055.13	.019
Cliffs Shaft	26719	73270	787.95	.029	1456.14	.020
Salisbury	24951	20841	647.29	.026	424.93	.020
Foster	1143		31.27	.027		
Total	131651	253489	3463.35	.026	4936.20	.020
Labor			2691.70	.020	3988.58	.016
Supplies			558.46	.004	623.46	.003
Total			3250.16	.024	4612.04	.019
Repairs to Shovel						
Labor and Supplies			213.19	.002	124.16	.001
Total Operating & Repair Cost			3463.35	.026	4936.20	.020

Iron Cliffs Co.

Dept No. 10
Annual Report
 Prepared by
Y. S. 1900

Report of Operating Expenses Shovel No. 9 for Season of 1900.

IRON CLIFFS CO.

Value of hours worked per day
 1000 2.00
 100 1.00
 1000 2.00

Value of four men working
 12121 222402

Value of four men working
 12121 1440

Value of men working with shovel
 11 11

Average tons per man per day
 112.7 121

Average shovels per day for runners
 5.90 5.72

Average shovels per day for laborers
 1.72 1.82

Average shovels per day for operating
 1.00 1.00

Average cost per ton operating
 1.00 1.00

Average cost per ton operating
 1.00 1.00

Average cost per ton operating
 1.00 1.00

Average cost per ton operating
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Average cost per ton operating
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Average cost per ton operating
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Average cost per ton operating
 1.00 1.00

Average cost per ton operating
 1.00 1.00

IRON CLIFFS CO.

STATEMENT OF COST FOR ANALYSIS, INCLUDING SAMPLING AND CRUSHING
FOR EACH MINE FOR THE YEAR ENDING NOV. 30th, 1900.

CLIFFS SHAFT MINE.			
Laboratory Expense	1609 Dets	.110	176.68
Sampling, Etc.	1609 "	.274	441.17
<u>Total</u>		.384	617.85
For 1899	2807 "	.2522	
SALISBURY MINE.			
Laboratory Expense	10163 Dets	.110	1116.06
Sampling, Etc.	10163 "	.035	359.74
<u>Total</u>		.145	1475.80
For 1899	8950 "	.1432	
FOSTER MINE.			
Laboratory Expense	3 Dets	.12	.36
For 1899	127 "	.1196	
TILDEN MINE.			
Laboratory Expense	96 Dets	.12	11.52
For 1899	159 "	.1196	
GRAND TOTAL			2105.53

Iron Cliffs Co.

Cost for Analysis
May ending Dec. 31, 1900

FOR EACH TONNE FOR EACH YEAR ENDING NOV. 30TH, 1900.

IRON CLIFFS CO.

OPENING SHALE MINE.

Operating Exp. 1900
 Operating Expense 1900 Data

Total	1900	"	284	441.14	811.58
For 1900	3901	"	284		

SWITCHING LINE.

Operating Exp. 1900
 Operating Expense 1900 Data

Total	1900	"	110	228.14	1448.20
For 1900	3390	"	110		

POSTER MINE.

Operating Expense 1900
 3 Data

Total	1900	"	110	1133	28.
For 1900	3390	"	110		

ADDED LINE.

Operating Expense 1900
 30 Data

Total	1900	"	110	1133	11.53
For 1900	3390	"	110		

GRAND TOTAL 2108.20

IRON CLIFFS COMPANY:DEPARTMENT OF MINES.

COMPARATIVE STATEMENT OF TAXES FOR YEARS 1900 AND 1899.

DESCRIPTION	1900		1899	
	VALUATION	TAXES	VALUATION	TAXES
CITY OF ISHPEMING.				
Lots 4-5-6 Block 3	\$ 2,160	25.46	\$ 1,620	50.12
Lot 14-Block 5	1,400	16.49	864	26.69
That part of Lot 1 of (NW $\frac{1}{4}$ of NW $\frac{1}{4}$) Sec. 10-47-27 which lies north and west of the C. & N.W.Ry.Co.s right of way, except that part of same which is included in the Excelsior Iron Co's Addition to the City of Ishpeiming, and except the rights of way of the D.S.S. & A. Ry., the C. & N.W.Ry. & the L.S. & I.Ry. across said land in an easterly & westerly direction about 30 A NE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 9-47-27 except the right of way of the L.S. & I. Ry. across said land about 37 A.	787,500	9274.37	310,860	9602.14
SE $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 9-47-27 except the rights of way of the C. & N.W.Ry., the D.S.S. & A. Ry. and the L.S. & I. Ry. across said land in a northeasterly and northwesterly direction about 35 A.	2,300	27.11	1,728	53.56
SW $\frac{1}{4}$ of NE $\frac{1}{4}$ Sec. 15-47-27 40 A.	155	1.84	117	3.60
S $\frac{1}{2}$ of NW $\frac{1}{4}$ Sec. 16-47-27 80A.	47,325	557.33	47,324	1459.78
Personal- Cliffs Shaft	153,381	1806.35	31,454	971.45
Personal- Salisbury	86,464	1018.16	14,740	455.08
Ex.I.Co.Ist Add. Lots 4-5 Block 4	1,235	14.43	927	29.68
Ex.I.Co.Ist Add. Lot 7-Block 4	400	4.71		
Total City Taxes	1,082,310	12746.30	409,634	12652.10
Collection Fees-1%		127.47		126.52
Grand Total		12873.77		12778.62
Rate (Not inc. Fees)		1.177		3.088
Increase over last year	672,676	94.20		
TILDEN TOWNSHIP				
SE $\frac{1}{4}$ Sec. 22-47-27 160 A.	800	17.44	800	44.72
SW $\frac{1}{4}$ Sec. 23-47-27 160 A.	8,640	188.26	8,640	482.72
NW $\frac{1}{4}$ Sec. 26-47-27 160 A.	480	10.48	480	26.84
NE $\frac{1}{4}$ Sec. 27-47-27 160 A.	480	10.48	480	26.84
SW $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec. 23-47-27 40 A.	320	6.98	320	17.88
Personal Property	4,690	102.18	1,500	83.81
Total Twonship taxes	15,410	335.82	12,220	682.81
Collection Fees-1%		3.36		6.83
GRAND TOTAL		339.18		689.64
Rate		2.179		5.588
Total City and township	1,097,720	13212.95	421,854	13468.26
Rate (Not inc. Fees)		1.192		3.161
AMOUNT OF TAXES AS PER STATEMENT CHARGED AS FOLLOWS:				
Cliffs Shaft	948,376	11280.66	347,453	10840.98
Salisbury	133,934	1593.11	62,181	1937.64
Foster	12,410	273.12	9,220	520.28
Tilden	3,000	66.06	3,000	162.30
Total	1,097,720	13212.95	421,854	13468.26
Increase	160.2%			
Decrease	1.3%			
		675,866		255.31

IRON CLIFFS CO.

Record of Insurance on Dwellings and Mine Buildings for the
Year Ending November 30th, 1900.

	Amount Insurance Carried	Premiums Accruing For 1900	Fire Losses For 1900.
<u>CLIFFS SHAFT MINE.</u>			
Dwellings	7800.00	39.00	
Mine Buildings	24050.00	325.78	1.35
Total	31850.00	364.78	
<u>SALISBURY MINE.</u>			
Dwellings	17350.00	86.75	
Mine Buildings	7050.00	138.11	1000.00
Total	24400.00	224.86	
<u>FOSTER MINE.</u>			
Dwellings	2550.00	18.48	
Mine Buildings	2950.00	49.32	
Total	5500.00	67.80	
Total L.C.Co.	61750.00	657.44	1000.00
The Carpenter & Blacksmith Shop at the Salisbury Mine was destroyed by fire Feby. 9th, 1900, Amount Received from Insurance Co.			
	1000.00		
Expended for new quarters in temporary Engine House			
	329.24		
Balance to Credit Fire Loss Acc't			
	670.76		

The Cleveland-Cliffs Iron Co. Iron Cliffs Co.

Sept. 2nd 1900

Insurance Statement

Nov. 30, 1900

Year ending November 30th, 1900.

Balance forward 1000.00
 Insurance 1000.00
 Total 2000.00

THE IRON CLIFFS CO.

THE IRON CLIFFS CO.

Total

1000.00

1000.00

2000.00

1000.00

1000.00

1000.00

SALESBURY MINE

Office

SALESBURY MINE

Total

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

1000.00

The Salesbury Mine was destroyed by fire

on Sept. 1st, 1900, amount received from

insurance 1000.00

1000.00

1000.00

Balance to credit 1000.00

1000.00

1000.00

1000.00

1000.00

CLEVELAND IRON MINING CO.

Recapitulation from Accident Report for Year Ending November 30th, 1900.

<u>MINES.</u>	Hard Ore	Lake	Vol.	Imp. & Web.	Mich.	Total C.I.M.O
Men Employed Underground	81.	445.	156.	97	90	869.
Minor Accidents	15.	57.	20.	16.	7.	115.
Minor Accidents per Annum Per 1000 men	185.	128.	128.	165.	77.	132.
Fatal Accidents Underground	0.	2.	1.	0.	0.	3.
Fatal Accidents per Annum Per 1000 men	0.	4.5	6.4	0.	0.	3.5
<u>SURFACE.</u>						
Men Employed Surface	58	90	64	34	52	298
Minor Accidents	2	5	2	2	4	15
Minor Accidents per Annum Per 1000 men	34	55	31	60	77	50
Fatal Accidents - Surface	0	0	0	0	0	0
Fatal Accidents per Annum Per 1000 men	0	0	0	0	0	0
<u>UNDERGROUND & SURFACE.</u>						
Total Men	139	535	220	131	142	1167
Minor Accidents	17	62	22	18	11	130
Minor Accidents per annum Per 1000 men	122	116	100	137	77	111
Fatal Accidents	0	2	1	0	0	3
Fatal Accidents per annum Per 1000 men	0	3.7	4.6	0	0	2.6
No. of Days paid from Benefit Fund	395	2573	398	410	172	3948
Average per day	76.6	80.2	91.6	72.6	79	80.2
Total Amount Paid During Year	302.68	3065.84	864.63	297.54	136.08	4666.77

IRON CLIFFS CO.

Recapitulation from Accident Report for Year Ending November 30th, 1900.

<u>MINES.</u>	<u>Cl. Shaft Mine</u>	<u>Salisbury Mine</u>	<u>Tilden Mine</u>	<u>Total I.C.Co.</u>
Men Employed Underground	242	143	0	385
Minor Accidents	51	10	0	61
Minor Accidents per Annum Per 1000 men	211	70	0	159
Fatal Accidents Underground	2	0	0	2
Fatal Accidents per Annum per 1000 men	8.3	0	0	5.2
<u>SURFACE.</u>				
Men Employed - Surface	79	43	26	148
Minor Accidents	4	4	0	8
Minor Accidents per annum per 1000 men	51	93	0	54
Fatal Accidents - Surface	0	0	0	0
Fatal Accidents per Annum per 1000 men	0	0	0	0
<u>UNDERGROUND & SURFACE.</u>				
Total Men - Underground & Surface	321	186	26	533
Minor Accidents	55	14	0	69
Minor Accidents per Annum per 1000 men	171	75	0	129
Fatal Accidents Underground & Surface	2	0	0	2
Fatal Accidents per annum per 1000 men	6.2	0	0	3.8
No. Days Paid from Benefit Fund	1818	642	180	2640
Average per Day	90.3	81.1	83.3	87.6
Total Amount Paid During Year	2641.78	520.76	150.00	3312.54

Note:-

Amount paid on Account of Tilden

Mine, was for Accident of 1899

IRON CLIFFS CO.

STATEMENT SHOWING AMOUNT PAID FROM BENEFIT AND SUSPENSE FUNDS, NO.
OF ACCIDENTS AND TIME LOST EACH YEAR FROM DECEMBER 1st, 1891, ALSO-
CREDITS TO BENEFIT AND SUSPENSE ACCOUNTS, NOV. 30th, 1900.

<u>Year Ending.</u>	Cliffs Shaft			Salisbury		
	Cases	Days Lost	Amount Paid	Cases	Days Lost	Amount Paid
November 30th, 1892	51	1827	1384.52	44	1563	1167.54
" " 1893	29	763	617.56	22	449	2825.52
" " 1894	6	401	847.64	34	1822	1458.22
" " 1895	6	280	728.78	28	1589	2481.08
" " 1896	5	142	97.78	24	674	1628.36
" " 1897	3	160	120.06	33	868	1165.87
" " 1898	41	551	1450.02	25	619	2082.70
" " 1899	50	1121	2516.36	20	537	428.04
" " 1900	57	1818	2641.78	14	642	520.76
Total	248	7063	10384.50	244	8763	13738.09
Credit to Benefit Fund			982.92			2161.52
Credit to Suspense Fund			982.92			1180.00

<u>Year Ending.</u>	Foster & Tilden			Total Iron Cliffs Co.		
	Cases	Days Lost	Amount Paid	Cases	Days Lost	Amount Paid
November 30th, 1892				95	3390	2552.06
" " 1893				51	1212	3443.08
" " 1894				40	2223	2285.86
" " 1895				34	1869	3209.86
" " 1896	4	120	91.50	33	936	1817.64
" " 1897	10	267	717.09	46	1295	2003.02
" " 1898	3	387	786.00	69	1557	4298.72
" " 1899	3	155	116.48	73	1813	3060.88
" " 1900	#	180	150.00	71	2640	3312.54
Total	20	1109	1861.07	512	16935	25983.66
Credit to Benefit Fund			310.55			3454.99
Credit to Suspense Fund			136.53			2299.45

Paid for Case of 1899.

Note:-

Benefit Fund - Amount Contributed by Employees.

Suspense Fund - Amount Contributed by Iron Cliffs Co.

IRON CLIFFS COMPANY.

Weekly Mine Report for the Week Ending

November 30th 1900

GRADES	TONS FOR WEEK		PREVIOUS FOR MONTH	TOTAL FOR MONTH	OVERRUNS AND SHORTAGES	TOTAL FROM DEC. 1, 1901	Transferred To and Transferred From	IN STOCK DEC. 1, 1901	TOTAL	SHIPMENTS TO DATE	BALANCE ON HAND	AVERAGE DAILY ORE HOIST		
	ROCK	ORE										WEEK	MONTH	YEAR
Barnum, <i>Overrun</i> Cliffs Shaft,	576	398 6563	15551	398 22114		264330	6027	200	270557	194963	75592	952	988	887
Total from Hard Ore Mines,	576	6956	15551	22507		264330	6027	200	270557	194963	75592	952	988	887
Salisbury Bessemer, <i>Overrun</i> Salisbury, Salisbury No. 3,	354	1724 214 2364	4991	6515 214 7154	1204	109426		2698	54887	38590	16297	246	291	172
Foster,								3492	3492	1143	2329			
Tilden,						15325			15325					194
Total from Hematite Mines,	354	4902	9581	13883	1204	175960		15238	191198	162900	28397	591	598	727
Grand Total,	930	11258	25132	36390	1204	440290	6027	15438	461755	357963	103989	1543	1586	1614
Rock, previous for Month,	2132													
" total " "	3062													
" " from Dec. 1, 1901	37029													

(Overrun shown in Black; Shortages in Red; Transfers To in Black; Transfers From in Red.)

Transferred
Carroll Section at Carroll Cliffs Shaft 6027

Mining_MS86100_2064_1900_1 of 2_215.pdf

IRON CLIFFS COMPANY.

ORE MINED AND SHIPPED

For Week ending *November 30th* 190*9*

61
61

From Cliffs Company - Prod Dept
Statement of Legal Expense
1906

F. A. Bell - Services & expense
selling Bar room outfit at
Comitables sale, for rent due me
for storage charges

15.00

Statement of Accounts Payable

Bills Audited
Pay Rolls

48231

87377

135608

Statement of Accounts Receivable

As per Trial Balance Nov 30th

Statements of Prequisites

None

Iron Cliffs Co.

Land Dept

Statement of Legal Expenses

" " Accounts Payable

" " Accounts Receivable

" " Perquisites

Year 1900

Statement of Unpaid Vouchers
Iron Cliffs Company - Rand Dept - Nov 30/1900

2181	Godfrey Frodostrand	375	
2182	H. Niedecker Co	1107	
2183	Baker-Bawter Co	630	
2184	George Pinney Peper	2640	
2185	The A. G. Mills Co	3774	
2186	The Pioneer Quarry	600	
2187	The Straus & Harrison Co	1250	
2188	Mitchell Quoma Co	332	
2189	Marquette Valley Mill Co	350	
2190	The A. G. Mills Co	2221	
2191	John W. Elliott	791	
2192	J. M. Perkins	50	
2193	T. M. Mills	1079	
2194	J. O. Richard	3235	
2195	Hillman Bros	110	
2196	The Sporley Adw Co	1915	
2197	The Lake Shore Eng Works	1500	
2198	Morgan's Pharmacy	2855	
2199	Albert Story	1785	
2200	C. J. M. Co (S. M. Co)	200	
2201	R. Douglas Sons	100	
2202	Gro. Haupt	4387	
2203	Est Isaac Johnson	3865	
2204	J. E. Swift	1054	
2205	Peter Thovette	1280	
2206	Creamery Package Mfg Co	4270	
2207	O. J. Halcumbr	1668	
2208	Andrew Hansen	500	
2209	Mining Journal Co	1500	
2210	Jeffrey Flynn	2400	
2211	American Exp. Co	500	48461

Iron Cliffs Co.

Laud Department

Statement of Unpaid Vouchers

Nov. 30, 1900

Iron Cliffs Co.

Surplus account Nov 30/1900

General Expense	X 23 907 99	Surplus	371 562.18
Legal	" X 210 40	General Interest	X 15 690.78
Special	" X 33 00	Interest on Investments	X 1075.00
Operating Cliffs Shaft Mine	X 305 581 65	Profit on Sales Dredge and Rigging	X 52 731.52
" Salisbury	" X 168 978 65	House Rents	X 282.35
" Foster	" X 36 41	Land	" X 576.42
" Tilden	" X 999 79	Lessons & Interest	" X 21.56
Repairs of Rented Houses	X 1094 84	Barren Lot Rents	^{584.70} 584.70
Land Improvements (Mines)	X 857 33	Salisbury " " "	60.00
Mineral Lands	X 1535 51	Miss " " "	^{40.52} 40.52
Operating Land Dept	X 14 200 63	House Rents Land Dept	^{1995.59} 233.54
" Greenhouse	X 3472 73	Green Lot Rents	597.50
Int. Land Dept	2181 26	Farm Rents	^{2665.77} 1372.51
Insurance	104 80	Miss Lot Rents	^{1067.71} 703.76
Operating Houston Farm	X 2922 33	Int. Houston Farm	670.76
Improvements	3149 77	Special Expense Dept	X 126.02
Take Freight on Cliffs Shaft Ore	X 162 347 90	Relates	" X 131.43
" Salisbury	" X 228 632 80	Explorations	" X 42.16
" Tilden	" X 14 658 40	Options	" X 1875.00
Rail " Cliffs Shaft	" X 45 092 88	Int. Greenhouse	500
" Salisbury	" X 28 818 26	Miscellaneous Rents Land Dept	X 138.00
" Tilden	" X 5992 32	Int. of Greenhouse	672.09
Analysis Cliffs Shaft	" X 232 30	Sales from Greenhouse	X 3114.71
" Salisbury	" X 450 10	" of Nursery Stock	X 1088.55
" Tilden	" X 68 40	" Old Material	X 313.89
Cargo Insurance C. S.	" X 413 06	Expenses on Sale Purchase	X 12.03
" Salisbury	" X 547 19	Discount & Interest Land Dept	X 995.12
" Tilden	" X 75 35	Sales at Houston Farm	X 303.01
Coal Purchased	X 608 944 28	" of Rights of Way	X 11.55
Penalties & Bonuses	X 4987 73	Profit on Diverting Land Dept	X 846.96
Increase Foster Ore	X 31 625 00	Deliveries Cliffs Shaft Ore	X 738 541.07
" Fitch	" X 4942 00	" Barren	" X 13 605.08
" Tilden	" X 2142 20	" Salisbury	" X 766 631.21
" Cliffs Shaft	1.672.749.43	" Bess	" X 166 215.65
		" Sales "3"	" X 11 251.14
		" Foster	" X 33 098.44
		" Tilden	" X 37 960.42
		" Fitch	" X 8 773.49
		Standard Oil Co Relates	X 1.74
		Royalty on	X 466.80
		Int. of Old Mine Materials	17 281.50
		Increase Cliffs Shaft Ore	X 169 360 10
		" Salisbury	" X 108 431 05
			2511.456.14
			1672.749.43
			838.706.71

Iron Cliffs Co.

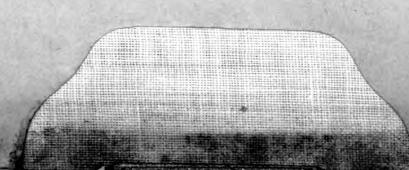
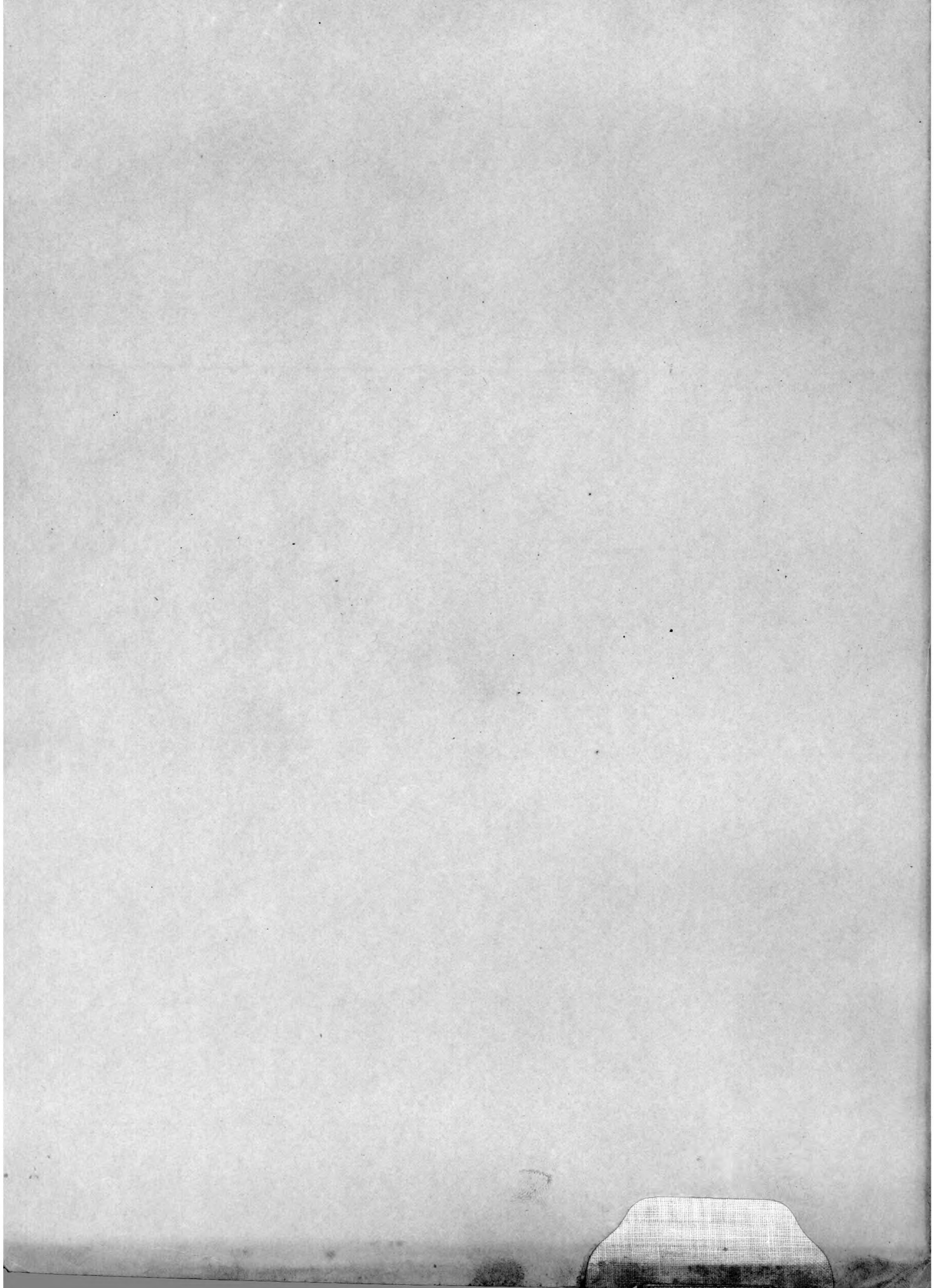
Surplus account Nov 30/1900

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Legal	" X 210 40	General Interest	X 15 690.78
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Improvements	3149 77	Special Expense Dept Mine	X 126.02
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" Cliffs Shaft	1.672.749.43	" Bess	" X 166 215.65
		" Sales "3"	" X 11 251.14
		" Foster	" X 33 098.44
		" Tilden	" X 37 960.42
		" Fitch	" X 8 773.49
		Standard Oil Co Rebates	X 1.74
		Royalty on	X 466.80
		Int. of Old Mine Shares	17 281.50
		Increase Cliffs Shaft Ore	X 169 360 10
		" Salisbury	" X 108 431 05
			2511.456 14
			1672.749 43
			838.706 71

W. H. Coffey Co.

Analysis of Surplus

Nov 30/1900



5

Pioneer Furnace Dept:

- 1 Pig Iron Cost Sheet
- 2 " " " " Non-Bessemer
- 3 " " " " Bessemer
- 4 - Total Cost of Plant, Am'ts sunk off ac'ts
- 5 Ore & Limestone Cost Sheet
- 6 Pig Iron Stock Report
- 7 Stock Report
- 8 - Am't Construction & Improvement Acct
- 9 " Showing Cost of Stable Expenses
- 10 Labor Statement
- 11 Detail Am't of Shop Labor
- 12 " " " Pig Iron cost Sheet
- 13 " " " Labor " "
- 14 " " " Charcoal " "
- 15 " " " Alcohol " "
- 16 " " " Acetate " "
- 17 Record of Chemical Plant
- 18 - Am't of Estimates & Authorization costs
- 19 Comparative Wood Report
- 20 " Am't of Taxes
- 21 " Kiln Report
- 22 " Am't of Furnace General Expenses
- 23 Stock Accounts
- 24 Am't of Charges to Rented Houses & Rents Received
- 25 Sales Gladstone City Property
- 26 Am't of Fire Insurance
- 27 " " Land Sales & Options
- 28 " " Millage Road Bldg Co's Cars
- 29 " " Exchange Fund
- 30 " " Legal Expenses
- 31 Am't of Account General Trial Balance
- 32 " " Payable " "
- 33 List of Unpaid Vouchers
- 34 Salaries & Perquisites
- 35 - Depreciation of Accounts
- 36 ~~Comp~~ Sales of Logs, Bark & Stumpage on Parsons Tract (See CCDCo 1903 Miscel File)

Mines Dept.

- 40 1 Webster mine cost sheet
- 41 " " " " "
- 42 " " " " "
- 43 " " " " "
- 44 Ore Statements
- 45 Analysis of Donation Account
- 46 Deliveries of Ore
- 47 Summary from Labor Statements
- 48 Analysis of Legal Expense
- 49 Statement of Earnings
- 50 ✓ Report of Nationalities at Different Mines
- 51 Am't of Coal Merchand
- 52 Cost of Beamrod Drilling
- 53 Memo. as to disposition of Accts.
- 54 Depreciation of various items at the mines
- 55 Comp. Am't of Rent Expense Accts for 5 years
- 56 Am't of Salaries & Perquisites
- 57 Labor Cost Bldg Co's & Co.
- 58 Am't of Delays from various causes
- 59 Classification of causes of Accidents
- 60 Supp. Accident Report, Loss to Cos Acct Accidents
- 61 Recap from " "
- 62 Am't Paid from Benefit & Suspense Fund
- 63 Analysis of Holidays during year
- 64 Record of Delays, Bldg Co's & Co.

Pioneer Furnace Dept:

- 1 Hg Iron Cost Sheet
- 2 " " " " Non-Bessemer
- 3 " " " " Bessemer
- 4 - Total Cost of Plant, Am't sunk off, etc.
- 5 Ore & Limestone Cost Sheet
- 6 Hg Iron Stock Report
- 7 Stock Report
- 8 - Stmt Construction & Improvement Acct
- 9 " Showing Cost of Stable Expenses
- 10 Labor Statement
- 11 Detail Stmt of Shop Labor
- 12 Comp'r " " Hg Iron cost sheet
- 13 " " " Labor " "
- 14 " " " Charcoal " "
- 15 " " " Alcohol " "
- 16 " " " Acetate " "
- 17 Record of Chemical Plant
- 18 - Stmt of Estimates & Authorization costs
- 19 Comparative Wood Report
- 20 " Stmt of Taxes
- 21 " Kiln Report
- 22 " Stmt of Furnace General Expenses
- 23 Stock Accounts
- 24 Stmt of Charges to Rented Houses & Rents Received
- 25 Sales Ludlow City Property
- 26 Stmt of Fire Insurance
- 27 " Bond Sales & Options
- 28 " Mileage Made by CCD Co Cars
- 29 " Exchange Fund
- 30 " Legal Expenses
- 31 Stmt of Accounts Receivable Trial Balance
- 32 " " Payable " "
- 33 List of Unpaid Warrants
- 34 Salaries & Perquisites
- 35 - Depreciation of Accounts
- 36 Comp'r Sales of Logs, Bark & Stumpage on Parsons Tract (See CCD Co 1903 Miscel File)

Mine Dept.

- 40 ✓ Hessler Mine Cost Sheet
- 41 Imperial " " "
- 42 Michigan " " "
- 43 Volunteer " " "
- 44 Ore Statements
- 45 Analysis of Donation Account
- 46 Deliveries of Ore
- 47 Summary from Labor Statements
- 48 Analysis of Legal Expense
- 49 Statement of Power
- 50 ✓ Report of Nationalities at Adjacent Mines
- 51 Stmt of Coal Purchased
- 52 Cost of Diamond Drilling
- 53 Maps as to Disposition of Aects.
- 54 Representation of Various Items at the Mines
- 55 Comp'r Stmt of Genl Expense Accts for 5 years
- 56 Stmt of Salaries & Perquisites
- 57 Hg Iron cost Stmt. CCD Co & C Co.
- 58 Stmt of Delays from Various Causes
- 59 Classification of Causes of Accidents
- 60 Subj. Accident Report, Loss to Cos Acc't Accidents
- 61 Acct from " "
- 62 Am't Paid from Benefit & Dispense Fund
- 63 Analysis of Holidays Survey of Day
- 64 Record of Delays, Division of Mine

THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE.

Pig Iron Cost Sheet.

Year 1900
Month of 1

Number of Blast <u>2nd</u> Tons made this Blast <u>45052</u>	Tons Produced 1 month..... Tons Produced 12 months..... <u>38211</u>										
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">Labor</th> <th style="width: 15%;">Supplies</th> <th style="width: 15%;">Total</th> <th colspan="2" style="text-align: center;">Cost per Ton</th> </tr> <tr> <td></td> <td></td> <td></td> <th style="width: 15%;">12 months</th> <th style="width: 15%;">.....months</th> </tr> </table>	Labor	Supplies	Total	Cost per Ton					12 monthsmonths
Labor	Supplies	Total	Cost per Ton								
			12 monthsmonths							
GENERAL EXPENSE											
Insurance		240 00	240 00	006							
Taxes		2804 81	2804 81	073							
Analysis	1610 57	362 64	1973 21	052							
Salaries and other Expenses	11647 23	2455 53	14102 76	369							
Total		13257 80	5862 98	19120 78							
MAINTENANCE											
Tracks and Yard		256 82	35 38	292 20							
Trestles and Dock		102 68	19 67	122 35							
Buildings		222 04	382 24	604 28							
Machinery		387 33	924 77	1312 10							
Tuyeres		54 46	237 11	291 57							
Relinings and Renewals			3828 40	3828 40							
Water Supply		46 48	26 91	72 69							
<i>Pig Iron Trucks Coal + Ore Buggies</i>		234 03	47 69	281 72							
Total		1303 84	5501 47	6805 31							
OPERATING											
Machinery		2195 08	500 46	2695 54							
Electric Light		527 51	111 27	638 78							
Bottom Fillers		8760 58	58 11	8818 69							
Top Fillers		2603 51	9 08	2612 59							
Handling Iron		4872 12	11 12	4883 24							
Handling Cinder		2957 87	356 41	3314 28							
Weighing and Grading Iron		638 75		638 75							
Founders, Keepers and Helpers		820 588		8205 88							
Coal Forkers		8032 26	24 21	8056 47							
Casting Tools		296 02	319 55	615 57							
Sand and Clay		606 19	906 75	1512 94							
<i>Wood</i>		4 73	145 65	150 38							
<i>Millwright</i>		295 32	133 04	428 36							
<i>Cleaning Stones</i>			226 66	521 98							
Total		39995 82	2802 31	42798 13							
STOCK USED											
Ore			17883 06	17883 06							
Charcoal			19815 54	19815 54							
Limestone			3485 59	3485 59							
Total			37818 419	37818 419							
Cost of Production.											
		54557 46	392350 95	446908 41							
DEPRECIATION											
Construction Account			19142 00	19142 00							
Improvement Account			11361 76	11361 76							
Total			30503 76	30503 76							
Total Cost on Yard.											
		54557 46	422854 71	477412 17							
LOADING AND SWITCHING											
Loading Cars	21677 Tons		1301 22	1301 22							
Switching	21677		265 47	246 05							
Total Loading Cars.											
			1566 69	246 05							
Loading Vessels	18081 Tons		196 21	2104 36							
Grand Total 1 month											
			56320 36	425205 12							
Grand Total 12 months											
			481525 48	12602.							
Construction Acc't not sunk off			98128 77.								
Improvement Acc't not sunk off			1518 13								
			99646 90								

Summary of Cost per Ton.

	On Yard	On Cars	On Vessel
Cost on yard, as above	12.493	12.493	12.493
Cost to load, as above		.083	.127
Total	12.493	12.576	12.620
Commissions and Expenses, Cleveland Office	350	.350	.350
Total Cost	12.843	12.926	12.970

Stock used.

Ore	Tons	Price	Amount	Cost per Ton	Per cent of Ore used
<i>Lake</i>	89788	1505	✓ 2332 92790 91.	✓ 2429	542
<i>Salisbury</i>	16917	0890	✓ 2229 37717 51	✓ 988	236
<i>Hooper</i>	2781	1323	✓ 1428 3971 39	103	038
<i>Cliff shaft</i>	8201	1502	✓ 2813 23075 61	✓ 604	113
<i>Section 12</i>	1116	0970	✓ 1846 2060 00	054	015
<i>Bedford</i>	829	0340	✓ 3024 2507 21	066	012
<i>Sally Reservoir</i>	1891	0760	✓ 4474 8458 15	221	026
<i>Hard Amelior</i>	774	1870	✓ 5200 4029 46	105	016
<i>Silver Lake</i>	144	1890	✓ 1887 272 82	027	002
Total	72444	1230	2400 174883 06.	4577	100
Limestone	4400	1646	792 3485 59	092	
Charcoal	3213995	Bush.	0621 199815 54	5220	

Yield.

	12 monthsmonths
Average yield of Ore	528	
Bush. Coal per Ton	842	
Lbs. Flux per Ton	257.	

Cost per ton for Labor 1 month
 " " " " " 12 months 1.474

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

PIG IRON COST SHEET.

Year _____
Month _____ of 1900 _____

1

THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE.

Open Bessemer
Pig Iron Cost Sheet.

Month of *Year* 1900 *1*

Number of Blast <i>2nd</i>	Tons Produced 1 month.....			
Tons made this Blast <i>43402</i>	Tons Produced <i>12</i> months..... <i>36561</i>			
	Labor	Supplies	Total	Cost per Ton
				<i>12</i> months months
GENERAL EXPENSE				
Insurance		231 08	231 08	007
Taxes		2678 81	2678 81	073
Analysis	1523 42	341 12	1864 54	051
Salaries and other Expenses	11149 23	2359 29	13508 52	369
Total	12672 65	5610 30	18282 95	500
MAINTENANCE				
Tracks and Yard	248 48	33 24	281 72	008
Trestles and Dock	102 68	19 67	122 35	004
Buildings	209 40	374 02	583 42	016
Machinery	379 47	840 54	1220 01	034
Tuyeres	45 26	225 93	271 19	007
Relinings and Renewals		3663 40	3663 40	100
Water Supply	44 12	25 91	70 03	002
<i>Pig Iron Truck Coal and Ore Buggies</i>	225 83	42 34	268 17	007
Total	1255 24	5225 05	6480 29	178
OPERATING				
Machinery	2100 58	494 29	2594 87	071
Electric Light	504 36	106 37	610 73	016
Bottom Fillers	8414 03	54 88	8468 91	233
Top Fillers	2493 11	8 16	2501 27	068
Handling Iron	4647 87	11 12	4658 99	129
Handling Cinder	2836 37	350 17	3186 54	086
Weighing and Grading Iron	607 55		607 55	016
Founders, Keepers and Helpers	7874 83		7874 83	215
Coal Forkers	7693 11	24 21	7717 32	212
Casting Tools	285 90	298 07	583 97	016
Sand and Clay	586 55	858 54	1445 09	039
<i>Filtering</i>		126 87	126 87	002
<i>Cleaning of Tons</i>	282 99	217 22	500 21	005
<i>Food</i>	44 33	145 65	150 38	014
Total	38331 98	2695 55	41027 53	1122
STOCK USED				
Ore		162122 63	162122 63	4435
Charcoal		191198 15	191198 15	5229
Limestone		3356 20	3356 20	092
Total		356676 98	356676 98	9756
Cost of Production.		370207 88	422467 75	11556
DEPRECIATION				
Construction Account		18317 00	18317 00	500
<i>Inventory</i> Account		11361 76	11361 76	311
Total		29678 76	29678 76	811
Total Cost on Yard.		399886 64	452146 51	12367
LOADING AND SWITCHING				
Loading Cars <i>21677 Tons</i>	1301 22		1301 22	060
Switching <i>21677</i>	265 47	246 05	511 52	023
Total Loading Cars.	1566 69	246 05	1812 74	083
Loading Vessels <i>16684 Tons</i>	186 21	1967 48	2153 69	129
Grand Total 1 month		54012 77	456112 94	12475
" " <i>12</i> months		402100 17	456112 94	12475
Construction Acc't not sunk off			98128 77	
Improvement Acc't not sunk off			1518 13	

Summary of Cost per Ton.

	On Yard	On Cars	On Vessel
Cost on yard, as above	12.367	12.367	12.367
Cost to load, as above		0.83	1.29
Total	12.367	12.450	12.496
Commissions and Expenses, Cleveland Office	.350	.350	.350
Total Cost	12.717	12.800	12.846

Stock used.

Ore	Tons	Price	Amount	Cost per Ton	Per cent of Ore used
<i>Lake</i>	39788	<i>1505</i>	2332 92790 91	2638	572
<i>Galena</i>	16917	<i>0990</i>	2229 37717 51	1032	243
<i>Hooper</i>	2781	<i>1323</i>	1428 3971 39	110	039
<i>Cliffs Craft.</i>	8201	<i>1502</i>	2813 23075 61	631	112
<i>Section 12.</i>	1115	<i>0970</i>	1846 2060 00	056	016
<i>Bedford</i>	829	<i>0340</i>	3024 2507 21	068	012
Total	69633	<i>2060</i>	2328 162122 63	4438	100
Limestone	4246	<i>1876</i>	790 8356 20	092	
Charcoal	3084215	Bus.	0619 191198 15	5229	

Yield.

	1 month	<i>12</i> months
Average yield of Ore		52.5
Bush. Coal per Ton		84.3
Lbs. Flux per Ton		260

Cost per ton for Labor 1 month
" " " " " *12* months 1.477

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

Iron Bessemer
PIG IRON COST SHEET.

Year 1900

2

Dec.	.0566	
Jan.	.0587	
Feb.	.0589	
Mar.	.0587	
April	.0598	
May	.0639	
June	.0631	
July	.0633	
Aug.	.0656	
Sept.	.0637	
Oct.	.0671	= made bus.
Nov.	.0714	

Party Channel

In this charcoal cut for tin
in Brass too high 5

Less buckets were used
than work 7213

THE CLEVELAND CLIFFS IRON CO.

PIONEER FURNACE.

Bessemer
Iron Cost Sheet.

Month of *Year* 1900 *1*

Number of Blast <i>2nd</i>	Tons Produced 1 month..... <i>1650</i>			
	Tons Produced <i>12</i> months..... <i>1650</i>			
	Tons made this Blast <i>1650</i>	Labor	Supplies	Total
				<i>12</i> months ...months
GENERAL EXPENSE				
Insurance		8 92.	8 92.	0 06
Taxes		126 00	126 00	0 76
Analysis	87 15	21 52	108 67	0 66
Salaries and other Expenses	498 00	96 24	594 24	3 60
Total	585 15	252 68	837 83	5 08
MAINTENANCE				
Tracks and Yard	8 34	2 14	10 48	0 06
Trestles and Dock				
Buildings	12 64	8 22	20 86	0 13
Machinery	7 86	84 23	92 09	0 56
Tuyeres	9 20	11 18	20 38	0 12
Relinings and Renewals		165 00	165 00	1 00
Water Supply	2 36	30	2 66	0 02
<i>Big Draw Trucks Coal and Ore Buggies</i>	8 20	5 35	13 55	0 08
Total	48 60	276 42	325 02	1 97
OPERATING				
Machinery	94 50	6 17	100 67	0 61
Electric Light	23 15	4 90	28 05	0 17
Bottom Fillers	346 55	3 23	349 78	2 12
Top Fillers	110 40	92	111 32	0 68
Handling Iron	224 25		224 25	1 36
Handling Cinder	121 50	6 24	127 74	0 77
Weighing and Grating Iron	31 20		31 20	0 19
Founders, Keepers and Helpers	331 05		331 05	2 01
Coal Forkers	339 15		339 15	2 05
Casting Tools	10 12	21 48	31 60	0 19
Sand and Clay	19 64	48 21	67 85	0 41
<i>Filtering</i>		6 17	6 17	0 04
<i>bleaching Stoves</i>	12 33	9 44	21 77	0 13
Total	1663 84	106 76	1770 60	1 073
STOCK USED				
Ore		12760 43	12760 43	7 733
Charcoal		8617 39	8617 39	5 223 <i>numbers</i>
Limestone		129 39	129 39	0 78
Total		21507 21	21507 21	13 034
Cost of Production.				
		2297 59	22143 07	24440 66
DEPRECIATION				
Construction Account		825 00	825 00	5 00
Improvement Account				
Total		825 00	825 00	5 00
Total Cost on Yard.				
		2297 59	22968 07	25265 66
LOADING AND SWITCHING				
Loading Cars	Tons			
Switching				
Total Loading Cars.				
Loading Vessels	1397 Tons	10 00	136 88	146 88
				1 05
Grand Total 1 month				
		2307 59	23104 95	25412 54
				15 401
Construction Acc't not sunk off				
Improvement Acc't not sunk off				

Summary of Cost per Ton.

	On Yard	On Cars	On Vessel
Cost on yard, as above	15.312		15.312
Cost to load, as above			.105
Total	15.312		15.417
Commissions and Expenses, Cleveland Office	.350		.350
Total Cost	15.662		15.767

Stock used.

Ore	Tons	Price	Amount	Cost per Ton	Per cent of Ore used
<i>Lake Bessemer</i>	1891 <i>760</i>	4 419	8458 15	5 126	67 3
<i>#1 Hard Angelina</i>	774 <i>1510</i>	5 187	4029 46	2 442	27 6
<i>Silden Silician</i>	144 <i>1390</i>	1 887	272 82	1 65	0 52
Total	2810 <i>1470</i>	4 540	12760 43	7 733	100
Limestone	153 <i>1910</i>	8 41	129 39	0 78	
Charcoal	1297 80 Bus.	0 664	8617 39	5 223	

Yield.

	12 months	...months
Average yield of Ore	58 2	
Bush. Coal per Ton	78 6	
Lbs. Flux per Ton	209.	

Cost per ton for Labor 1 month
 " " " " " 12 months 1.398

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

Bessemer
IRON COST SHEET.

Year of 1900

The Cleveland Bluffs Iron Co

Pioneer Furnace

Total Cost of Plant Amounts Sunk Off. + Balance Nov 30th
1900

	<u>Cost to Nov 30th 1900</u>		<u>Sunk Off.</u>		<u>Balance Nov 30th 1900</u>	
Furnace	186769	03				
Dwellings not Rented	11963	19	99085	32	99646	90
Chemical Plant No 1	70519	63	45569	86	24949	77
Acetate Plant No 1	3192	50	2439	16	753	34
Hilms	31074	69	9385	54	21689	15
Rented Houses	21031	67	7054	21	13977	46
Parsons Railway	15435	21				
Parsons Camp	529	89	14242	91	2279	25
Parsons Well	557	06				
Parsons Portable Ry.	950	96			950	96
Mathews Camps	1224	61	1224	61		
Mathews Barn	265	88	265	88		
Mathews Spurs	290	80	290	80		
Section 27 Ry Spur.	88	88	31	19	57	69
Retort Plant	102175	67			102175	67
	446069	67	179589	48	266480	19

THE CLEVELAND-CLIFFS IRON CO.

PIONEER FURNACE.

Year _____
Month of 1900 _____ 1

ORE AND LIMESTONE COST SHEET.

ACCOUNT	TONS	AMOUNT	Cost Per Ton	Amount Freight	Cost Per Ton	Amount Unloading and Switching	Cost Per Ton	Total Amount	Total Cost Per Ton
Lake.	43157 ⁰⁹⁵⁰	87532 06	2 028	17264 02	400	1282 44	029	106078 52	2 457
Salisbury.	18664 ⁰⁴⁷⁰	35283 93	1 889	7465 75	400	609 64	032	43359 32	2 321
Buff Shaft.	8249 ¹³⁸⁰	24936 53	3 022	3299 66	400	957 85	116	29194 04	3 538
Section 12.	1452 ²⁰⁷⁰	2062 56	1 419	581 12	400	31 22	021	2674 90	1 840
Bedford	829 ⁰³⁴⁰	2155 79	2 600	331 69	400	19 73	023	2507 21	3 023
#1 Angelme Hard	774 ¹⁵¹⁰	3702 95	4 780	309 84	400	16 67	021	4029 46	5 201
Gilders	144 ¹³⁹⁰	144 62	1 000	57 85	400	70 35	486	272 82	1 886
Lake Bessemer.	1891 ⁰⁷⁶⁰	7659 92	4 050	756 58	400	41 65	022	8458 15	4 472
TOTAL,	75163 ²¹⁵⁰	163478 36	2 175	30066 51	400	3029 55	040	196574 42	2 615
Limestone,	2945 ¹⁶⁷⁰	2127 11	722	351 00	119	71 25	024	2549 36	865
TOTAL,	2945 ¹⁶⁷⁰	2127 11	722	351 00	119	71 25	024	2549 36	865

THE CLEVELAND-CLIFFS IRON CO.

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

Ore and Limestone Cost Sheet.

Year 1900
Month of 1900

THE CLEVELAND-CLIFFS IRON CO.

PIONEER FURNACE.

PIG IRON STOCK REPORT FOR THE WEEK ENDING November 30 1900

H. Niedecken Co., Mfg. Stationers, Milwaukee, 77,886

PIG IRON GRADES	Total For Week	Previous For Month	Total For Month	Over and Short	Total from Dec. 1, 1899...	Transfers	In Stock Dec. 1, 1899...	Total	Shipped since Dec. 1, 1899...	Balance On Hand
A Scotch		129	129		885			885	885	
B Scotch	8 ✓	34	44		948		4	952	947	5
C Scotch	36 ✓	74	110		1223		91	1314	1267	47
No. 1 Special	21 ✓	70	91		2074	23 ✓	474	2525	2505	20
No. 1 Foundry	151 ✓	237	388		4220	23 ✓	30	4273	4245	28
No. 2 Low	265 ✓	500	765		4019	128 ✓	24	3915	3898	17
No. 2 High	284 ✓	481	765		4696	4 ✓	10	4710	4652	58
No. 3 Low	117 ✓	276	393	4 ✓	4938	9 ✓	193	5140	5140	
No. 3 High	13 ✓	136	149		3024	2 ✓	383	3405	3340	65
No. 3 Malleable	4 ✓	11	15	1 ✓	1023	29 ✓	315	1367	1367	
No. 4 Cylinder						100 ✓		100	100	
No. 4 Low	2 ✓	17	19		1832		250	2082	2075	7
No. 4 High	2 ✓	17	19		2819		142	2961	2943	18
No. 4 Malleable					26	24 ✓	21	23	23	
No. 5		7	7		2391		49	2440	2395	45
No. 6					2521	5 ✓	9	2525	2525	
Spotted Castings										
Bessemer 2 High					129	89 ✓		40		40
Bessemer Foundry					25			25		25
Bessemer 3 High					35	13 ✓		22		22
Bessemer 4 Low					51			51		51
Bessemer Special					1384	120 ✓		1504	1504	
Bessemer 2 Low					26	26 ✓				
No. 3 Cylinder						25 ✓		25	25	
Total at Furnace	903	1989	2892	5	38289		1995	40284	39836	448
Short Lower Lake					78			78	78	
Parts & Receiving Points										
TOTAL	903	1989	2892	5	38211		1995	40206	39758	448

THE CLEVELAND-CLIFFS IRON CO.

The Cleveland-Cliffs Iron Co.

PIONEER FURNACE.

PIG IRON STOCK REPORT

For the week ending *Nov. 30*

THE CLEVELAND-CLIFFS IRON CO.—PIONEER FURNACE.

Stock Report for the Week Ending

November 30th 1900

		Total for Week	Previous for Month	Total for Month	Total from Dec. 1st, 1899	In Stock Dec. 1st, 1899	TOTAL	Shipped or used since Dec. 1st, 1899	Balance on Hand	
Ore.							45228 965			
Lake	Ore.			5991 220	43157 950	2071 15		39788 1505	5439 1700	
Lake	"									
Lake Bessemer	"				1891 760		1891 760	1891 760		
Salisbury	"			2109 470	18664 470	259 420	18923 890	16917 890	2006	
Salisbury	"									
Foster	"					3978 483	3978 483	2781 1323	1196 1400	
Cliffs Shaft	"			1199 1090	8249 1380	3400 122	11649 1502	8201 1502	3448	
Bedford	"				829 340		829 340	829 340		
Sil den	"				144 1390		144 1390	144 1390		
Dec 12 Mitchell	"			935 500	1452 2070		1452 2070	1115 970	337 1100	
1 Hard Angeline	"				774 1510		774 1510	774 1510		
Powabic Ore still due.	"			561 1140						
				Total.	10235 1040	75163 2150	9708 1040	84872 950	72444 1230	12427 1960
Wood.										
Cords of Wood at East Lake Kilns				113 24	1933 16		1933 16	1865 16	68	
Cords of Wood in Furnace Yard,				161 16	1422 16	1071 16	2494	2182	312	
" " " Kilns,				3617 08	42815	3030	45845	42631	3214	
" " at Ford River,					1021 20	1615 28	2637 16.	2637 16		
" " along Parsons Ry.					198		198	198		
" " at Felch Mt.,					656 28	3472 08	4129 04	3816 04	313	
" " at Section 27,					382 28	362	744 28	512 24	232 04	
" " Parsons				2797 08	50825	28603 08	79428 08	37961	41417 08	
" " St Jacques Kilns				36	2119 16		2119 16	1996 16	123	
" " Matthews Camp.				2755 20	26539 08		26539 08	8274 16	18264 24	
				Total.	9481 12	127914 04	38154 28	166069 00	102074 28	63994 04
Charcoal	Bushels,			231680	3225180	21000	3246180	3214180	32000	
Limestone	Tons,			534 1790	2945 1670	3066 1876	6012 1306	4400 1546	1611 200	
Alcohol	Gallons,			10910	146165	5109 1/2.	15127 1/2	14604 1/2	5233	
Gray Acetate of Lime	Pounds,			145412	1769908	106363	1876271.	1871644	4627	

See book for more details

THE

THE CLEVELAND-CLIFFS IRON CO. PIONEER FURNACE

Cleveland-Cliffs Iron Co.

Pioneer Furnace.

Stock Report for the Week Ending

Total for Week
Previous for Month
Total for Year
Previous for Year

*STOCK REPORT FOR WEEK ENDING

November 30th 1891.9.00

7

The Cleveland Cliffs Iron Co
Pioneer Furnace

Statement of Construction & Improvement Accounts Nov 30th 1900

Account	Balance Nov 30 th 1899	Additions 1900	Total	Went off in 1900	Balance Nov 30 th 1900
<u>Chemical Plant.</u>					
Old Construction	2734516		2734516	✓ 465760	2278756
Heater	8 12047		12047	✓ 12047	
Engine Foundation	8 6401		6401	✓ 6401	
Engine	8 68984		68984	✓ 68984	
One Column	52996		52996	✓ 52996	
Three Columns	175135		175135	✓ 175135	
Addition to connect Smoke Main	9852		9852	✓ 9852	
Buckley Condenser	8 6250		6250	✓ 6250	
Han	6 7230		7230	✓ 7230	
Han Case	6 2760		2760	✓ 2760	
Han Belt	6 1900		1900	✓ 1900	
Recasting & fitting Hams	6 8045		8045	✓ 8045	
Steam Pipe Line	21606		21606	✓ 21606	
Car Tanks	7680		7680	✓ 7680	
Shafting	8 28983		28983	✓ 28983	
Primary Condensers	59612		59612	✓ 59612	
Smoke Condensers	170947		170947	✓ 170947	
Primary Stills	27047		27047	✓ 27047	
Squeeze	38474		38474	✓ 38474	
Artesian Well	11355	188293	199648	✓ 106751	92897
Smoke Main Extension	30312		30312	✓ 30312	
Bath House		27282	27282	✓ 13641	13641
Air Pump		52002	52002	✓ 26001	26001
Column No 5 th Still		167364	167364	✓ 83682	83682
Total	3482132	434941	3917073	1422096	2494977
<u>Acetate Plant</u>					
Old Construction	87874		87874	12540 ✓	75334
Storage House	10810		10810	10810 ✓	
Drain Pipe	2340		2340	2340 ✓	
Overs	4662		4662	4662 ✓	
Additions to Building	370		370	370 ✓	
Fire Wall	7245	14412	21657	21657 ✓	
Total	113301	14412	127713	52379	75334
<u>Retort Improvement</u>					
Total		10217567	10217567		10217567

Recapitulation

<u>Furnace</u>	12289732	303625	12593357	2628667	9964690
<u>Kilns</u>	2396298		2396298	227383	2168915
<u>Rented Houses</u>	1286533	280500	1567033	169287	1397746
<u>Section 27 Ry</u>	6151		6151	382	5769
<u>Parsons Ry</u>	478623	139244	617867	294846	323021
<u>Chemical Plant</u>	3482132	434941	3917073	1422096	2494977
<u>Acetate Plant</u>	113301	14412	127713	52379	75334
<u>Retort Improvement</u>		10217567	10217567		10217567
Total	20052770	11390280	31443059	4795040	26648019

The Cleveland Bluffs Iron
Pioneer Furnace

Statement of Construction and
Improvement - Accounts

November 30th 1900

The Cleveland Cliffs Iron Co
Pioneer Furnace
 Statement of Construction and Improvement Accounts Nov 30th 1901

Account	Balance Nov 30 th 99	Additions during 1900	Total	Sum ^d off. during 1900	Balance Nov 30 th 1900
<u>Furnace</u>					
Old Construction	117 270 77		117 270 77	191 42 00	X 981 28 77
New Scale Foundation Imp.	173 22		173 22	173 22	X -
Installing Scales	17 55	18	17 55	17 55	X -
Jacket & Water Trough	759 67	10	759 67	759 67	X
Boiler	901 98		901 98	901 98	X
" Feed Pump	209 88		209 88	209 88	X
" Stack & Gas Down Salls	455 70	19	455 70	455 70	X
" Foundation	41 27		41 27	41 27	X
" Setting	306 98		306 98	306 98	X
Brusher	410 58		410 58	410 58	X
" Installing	22 20		22 20	22 20	X
" Engine	260 75		260 75	260 75	X
" Building	83 55		83 55	83 55	X
" Foundation	41 34		41 34	41 34	X
" Foundation	43 55		43 55	43 55	X
" Engine Installing	62 69		62 69	62 69	X
" Elevator Building	187 50	16	187 50	187 50	X
" Conveyor Machinery	249 88		249 88	249 88	X
" Conveyor Machinery Installing	37 98		37 98	37 98	X
" Belting Pulley & Drafting	94 66		94 66	94 66	X
" Piping	22 54		22 54	22 54	X
" Ore Pocket	89 55		89 55	89 55	X
" Prestie Extension	422 50		422 50	422 50	X
Condenser Pipe Line	188 70	15	188 70	188 70	X
Cinder Derrick	91 73	14	91 73	91 73	X
Loco House Extension	129 29	13	129 29	129 29	X
Coal Shed	14 59	15	14 59	14 59	X
Boat House	48 22	17	48 22	48 22	X
Office Extension	258 50	11	258 50	258 50	X
Laboratory Hall		10 35	10 35	5 18	5 17
" Building		1158 00	1158 00	579 00	579 00
" Foundation		30 123 07	123 07	61 53	61 54
" Piping		315 29	315 29	157 64	157 65
Loco House Building		36 252 10	252 10	126 05	126 05
Locomotive Water Station		57 80 66	80 66	40 33	40 33
Water Purifier		47 765 00	765 00	382 50	382 50
Founders Cottage Well		38 331 78	331 78	165 89	165 89
<u>Total</u>	122 897 32	3036 25	125933 57	26286 67	99646 90
<u>Hilms</u>					
Old Construction - 40 Hilms	17936 08		17936 08	2273 83	15662 25
Pipe Line Imp.	133 09		133 09		133 09
Gravel Road	12 57		12 57		12 57
Construction 10 Hilms	5881 24		5881 24		5881 24
<u>Total</u>	23962 98		23962 98	2273 83	21689 15
<u>Rented Houses</u>					
Old Construction	7428 50		7428 50	1692 87	5735 63
Men's Home Sidewalk Imp.	221 80		221 80		221 80
" Well	547 19		547 19		547 19
" Fence	160 22		160 22		160 22
Five new Men's Home	4244 60		4244 60		4244 60
Cleaning Site 5 Houses	113 02		113 02		113 02
Rebuilding one Men's Home	150 00		150 00		150 00
Five new Men's Home 1900		2805 00	2805 00		2805 00
<u>Total</u>	12865 33	2805 00	15670 33	1692 87	13977 46
Section 27 Railway	61 51		61 51	3 82	57 69
<u>Parsons Ry.</u>					
Parsons Portable Ry	4786 23	441 48	5227 71	2948 46	2279 25
		950 96	950 96		X 950 96
<u>Total</u>	4786 23	1392 44	6178 67	2948 46	3230 21

THE CLEVELAND - CLIFFS IRON COMPANY

Pioneer Furnace

Statement showing cost of stable expenses for year 1900

	<u>Commodities etc.</u>	<u>Total cost</u>	<u>Cost per Horse Per Day</u>
Oats =	- - - - -	\$416.00	.1060
Hay -	- - - - -	432.24	.1102
Feed -	- - - - -	63.00	.0161
Bran -	- - - - -	22.00	.0056
Straw	- - - - -	7.29	.0019
Repairs wagons & carts	- - - - -	35.90	.0092
Repairs Harness	- - - - -	68.78	.0175
Curry Combs, Brushes, Grease & Oil	- - - - -	11.60	.0029
Shoeing	- - - - -	48.00	.0122
Medicine	- - - - -	15.40	.0039
Docter	- - - - -	18.50	.0048
		-----	-----
	Total:-	\$1138.71	.2903
3 Horses on Cinder Carts	-	1095 days	
1 Horse on Breeze Cart	-	365 "	
2 Horses on Team	-	730 "	
1 Extra Horses	-	365 "	
2 Driving Horses	-	518 "	
2 Horses Manager's	-	730 "	
Extra teams for Loading Vessels	-	120 "	
& Retort Construction Work	-	3923 "	- Total.

THE CLEVELAND-CLIFFS IRON CO

PIONEER FURNACE.

Year
MONTH OF 1900 1

LABOR STATEMENT	No. Men	No. Days	Earnings	RATE PER DAY	
				Current Month 1900	Best Month 1899
FURNACE					
Engineers,	2	729	1381 80	1 90	1 72
Firemen	1	365	618 80	1 70	1 56
Founders	2	728	2370 00	3 25	3 17
Keepers	2	734 4	1542 24	2 10	1 97
Helpers	6	2240 4	4068 32	1 82	1 68
Top Fillers	4	1460	2554 97	1 75	1 64
Bottom Fillers	14	5174 6	8578 90	1 66	1 55
Cinder Snappers	4	1599 8	2679 39	1 67	1 51
Iron Grader	1	365	638 75	1 75	1 74
Iron Handlers	7	2532 9	4783 89	1 80	1 75
Coal Forkers	10	3837 2	6686 38	1 75	1 59
Coal Car Pusher	2	771 3	1230 60	1 60	1 40
Sand Man	1	332 3	581 51	1 75	1 64
Total,	56	20869 9	37715 05	1 81	1 69
CHEMICAL PLANT					
Stillmen	5	1889 4	3561 69	1 88	1 72
Firemen	2	737 5	1293 07	1 75	1 60
Engineers	2	704	1337 60	1 81	1 70
Laborers	2	567 9	907 84	1 60	1 38
Total,	11	3898 8	7100 20	1 82	1 66
ACETATE PLANT					
Rakers	2	705 8	1955 56	2 77	2 34
Skimmers	2	753	1248 02	1 66	1 52
Total,	4	1458 8	3203 58	2 18	1 92
FURNACE KILNS					
Colliers	2	731	1392 00	1 90	1 82
Whitewashers	2	728 3	1133 05	1 55	1 43
Packers	11	3881 7	7806 82	2 01	1 65
Packer Foreman	1	365	696 00	1 90	1 65
Kiln Cleaners	1	363	598 95	1 65	1 54
Breeze Man	1	367 4	606 13	1 65	1 46
Total,	18	6436 4	12232 95	1 90	1 63
MISCELLANEOUS					
Barn Boss	1	365	600 00	1 64	1 64
Teamsters and Helpers	2	701 1	1213 68	1 73	1 59
Blacksmith	1	373 4	855 32	2 29	2 03
Blacksmith Helper	1	358 7	576 87	1 60	1 26
Electrician	1	376 7	734 54	1 95	1 75
Carpenters	8	2891 7	6210 95	2 14	2 21
Machinists	6	1819 1	3964 82	2 18	2 11
Locomotive Engineer	1	358 9	807 50	2 25	2 15
Locomotive Brakemen	1	356 8	749 28	2 10	1 91
Yard Foreman	1	365	1020 00	2 80	2 86
Laborers	16	5614 1	8445 27	1 50	1 42
Laboratory Boy	2	730	965 00	1 32	1 26
Masons	5	968 8	3344 37	3 45	2 20
Masons Helpers	6	1217 8	2150 67	1 76	
Loading Iron <i>21677.4000</i>			1298 58		
Boiler Engineer	1	165	620 00	3 76	
Pipe Fitters	1	276 4	484 24	1 75	
Total,	54	16938 5	34041 09	2 61	1 84
OFFICE PAY ROLL					
	8	2602	15650 18	6 02	6 28
Grand Total,	151	52204 4	109943 05	2 10	1 94
PARSON'S WOOD JOB					
Foreman and Measuring	2	634 2	1013 23	1 89	1 69
Chopping 50825 Cords	118	36344	50263 74	1 38	1 26
Laborers	1	12 4	23 39	1 88	
Fire Protection	1	214 8	354 14	1 65	
Total,	122	37105 4	51654 50	1 39	
Mathews Wood Job Loading Cords 8274/8					
Foreman and Measuring	2	486	1007 65	2 73	
Chopping 26539 Cords	72	22372	25986 41	1 16	
Laborers	89	20509 9	31499 60	1 23	
Section 27 Wood, Chopping 3227	1	227	363 61	1 60	1 89
Grand Total Pay Roll	363	115046 7	193460 76	1 68	

LABOR STATEMENT.

Year. _____
Month of 1900 _____

The Cleveland Cliff Iron Co

Business Journals

Detailed Statement of Shop Labor for Fiscal Year ended

Machinery Shop	Pay Roll	Supplies	Total Shop Drs.	Total Hours	Lead Hours Repar Tools	Wk. Hour Charged	Cooking Hours	Hours Charged Various Accounts	Hours Charged Outside Parties	Am. Charged Various Accts	Amount Charged Outside Parties	Total Shop Cr.	Net Profit per Hour	Net Profit
December	369 25	9 22	378 47	1714	37	1677	225	1677		378 47		378 47		
January	293 54	10 57	304 11	1342	50	1292	235	1166	126	275 49	3085	306 34	017	22 3
February	278 98	7 57	286 55	1261	7	1254	228	1187	67	271 23	1943	290 66	061	411
March	296 55	8 95	305 50	1302	13	1289	237	1139	150	271 00	7257	343 57	253	38 07
April	310 12	14 77	324 89	1379	28	1351	240	1270	81	305 37	2730	332 67	096	778
May	334 69	12 24	346 93	1538	10	1528	227	1527	1	346 69	40	347 09	160	16
June	372 44	13 60	386 04	1700		1700	227	1384	316	314 32	12495	439 27	168	53 23
July	496 08	14 39	510 47	2417	19	2398	213	2395	3	509 83	150	511 33	090	86
August	511 04	11 47	522 51	2395	113	2282	229	2255	27	516 45	1240	528 85	235	634
September	470 53	21 57	492 10	2196	31	2165	227	2137	28	486 02	1130	497 22	153	512
October	456 76	38 33	495 09	2250	72	2178	227	2170	8	492 89	400	496 89	225	180
November	492 34	24 19	516 53	2204	33	2171	237	2165	6	515 12	220	517 32	131	79
Total	4682 32	186 87	4869 19	21698	413	21285	228	20472	813	4682 88	30680	4989 68	148	12049
December	107 80	7 05	114 85	279	2	277	414	277		114 85		114 85		
January	107 45	8 78	116 23	280	2	278	418	278		116 23		116 23		
February	168 15	7 39	175 54	450	3	447	372	447		175 54		175 54		
March	129 77	13 03	142 80	620	20	600	238	562	38	135 85	2850	164 35	568	21 55
April	103 52	10 12	113 64	255	2	253	449	249	4	111 84	300	114 84	300	120
May	90 20	8 40	98 60	317	4	313	315	312	1	98 34	26	98 60		
June	90 22	3 09	93 31	460		460	303	426	34	86 39	1033	96 72	100	341
July	87 65	5 11	92 76	445	35	410	226	410		92 76		92 76		
August	94 90	4 54	99 44	590	10	580	172	551	39	94 51	1119	105 70	216	626
September	148 97	14 56	163 53	835	78	757	216	727	30	157 09	1400	171 09	252	756
October	208 20	7 69	215 89	1116	7	1109	195	1102	7	214 55	390	218 45	366	256
November	202 94	10 85	213 79	1006	7	999	214	939	60	201 55	2400	225 55	196	1176
Smith Shop														
Total	1539 77	100 61	1640 38	6653	170	6483	253	6280	223	1599 50	9518	1694 68	267	5430
Car Shop														
December	267 45		267 45	1465		1465	183	1465		267 45		267 45		
January	484 59		484 59	2476	74	2402	202	2384	18	480 95	364	484 59		
February	462 22		462 22	2309	12	2297	201	2285	12	460 00	222	462 22		
March	523 14		523 14	2684		2684	195	2684		523 14		523 14		
April	410 23		410 23	1970		1970	208	1970		410 23		410 23		
May	451 37		451 37	2028	3	2025	222	2025		451 37		451 37		
June	416 80		416 80	1804		1804	231	1804		416 80		416 80		
July	391 63		391 63	1691	5	1686	232	1686		391 63		391 63		
August	501 67		501 67	2199		2199	228	2194	5	500 52	150	502 02	070	35
September	552 16		552 16	2508		2508	220	2508		552 16		552 16		
October	702 74		702 74	3120		3120	225	3120		702 74		702 74		
November	768 37		768 37	3395		3395	226	3395		768 37		768 37		
Total	5932 37		5932 37	27649	94	27555	216	27520	35	5925 36	736	5932 72	010	35
Grand Total	12154 46	287 48	12441 94							12207 74	409 34	12617 08		17514

Carpenters use their own tools. No oils, waste or used in Car Shop, hence no charge for supplies.

STOCK USED

1900

Non Bessemer

ORE	TONS	PRICE	AMOUNT	COST PER TON	PERCENT OF ORE USED
Lake	39788.1505	2.332	92790.91	2.538	572
Salisbury	16917.0890	2.229	37717.51	1.032	243
Foster	2781.1323	1.428	3971.39	.110	039
Cliffs Shaft	8201.1502	2.813	23075.61	.631	117
Section 12	1115.0970	1.846	2060.00	.056	016
Bedford	829.0340	3.024	2507.21	.068	013
	-----	-----	-----	-----	-----
Total:-	69633.2050	2.328	162122.63	4.435	100
Limestone	4246.1876	.790	3356.20	.092	
Charcoal	3084215 bu.	.0619	191198.15	5.229	

S T O C K U S E D

1899

O R E	T O N S	P R I C E	A M O U N T	C O S T P E R T O N	P E R C E N T O F O R E U S E D
Lake	20685.1861	1.495	30935.21	.992	35.4
Cliffs Shaft	5131. 43	1.873	9614.40	.308	8.7
Salisbury No. 3	1107. 380	1.184	1311.24	.042	1.9
Salisbury	11351. 30	1.645	18672.49	.598	19.5
Section 21	10994.2040	1.666	18323.15	.587	18.9
Lerida	5009.2070	1.991	9975.58	.320	8.6
Foster	3874.1736	1.437	5569.42	.170	6.7
Genoa	163.1276	1.328	217.32	.007	0.3
Total:-	58318. 476	1.622	94618.81	3.033	100
Limestone	3795. 304	.721	2737.98	.088	
Charcoal	2714420 Bu	.0528	143390.61	4.597	