

# THE CLEVELAND-CLIFFS IRON CO.

Cost of Production for the <sup>Year</sup> Month of 12 months 1902 76.024 tons. 1901 76.085 tons.

Mine.	12 months, 1902. 76.024 tons.						12 Months, 1901. 76.085 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.
<b>GENERAL EXPENSE,</b>												
Insurance,			375.77	0.05	375.77	0.05			322.15	0.04	322.15	0.04
Engineering,	276.93	0.04			276.93	0.04	149.25	0.02	197	0.00	151.22	0.02
Analysis,			171.83	0.02	171.83	0.02			187.03	0.03	187.03	0.03
Relief Fund,			596.10	0.08	596.10	0.08			562.50	0.07	562.50	0.07
Mine Office,	209.595	0.27	331.06	0.05	242.70	0.32	193.51	0.26	348.77	0.04	228.428	0.30
<b>Total,</b>	<b>2372.88</b>	<b>0.31</b>	<b>1474.76</b>	<b>0.20</b>	<b>3847.64</b>	<b>0.51</b>	<b>2084.76</b>	<b>0.28</b>	<b>1622.42</b>	<b>0.18</b>	<b>3507.18</b>	<b>0.46</b>
<b>MAINTENANCE—Repairs of</b>												
Tracks and Yards,	433.1	0.00	470	0.00	480.24	0.00	3.13	0.00	41	0.00	364	0.00
Docks, Trestles and Pockets,	152.18	0.03	66.82	0.00	219.00	0.03	109.87	0.14	138.675	0.19	248.62	0.33
Buildings,	72.71	0.01	113.42	0.01	186.13	0.02	159.34	0.02	202.44	0.03	361.78	0.05
Shop Machinery,												
Boilers,	49.19	0.00	131.32	0.02	180.51	0.02	85.07	0.01	158.98	0.02	244.05	0.03
Hoisting Machinery,	28.92	0.00	66.390	0.09	692.82	0.09	29.55	0.01	19.61	0.00	49.16	0.01
Compressors and Air Pipes,	3.12	0.00	3.38	0.00	6.52	0.00	9.64	0.01	42.39	0.01	13.880	0.02
Cornish and Steam Pumps,	419.69	0.06	465.61	0.06	885.20	0.12	446.15	0.06	428.25	0.06	874.40	0.12
Top Tram Engines and Cars,	91.50	0.01	498.26	0.07	589.76	0.08	220.94	0.03	202.33	0.02	423.27	0.05
Skips and Skip Roads,	368.98	0.05	488.94	0.07	857.92	0.12	218.26	0.03	204.30	0.02	422.56	0.05
Underground Tracks and Cars,	646.82	0.09	537.70	0.07	1184.52	0.16	572.02	0.08	360.62	0.04	932.64	0.12
<b>Total,</b>	<b>1876.47</b>	<b>0.25</b>	<b>2973.95</b>	<b>0.39</b>	<b>4850.42</b>	<b>0.64</b>	<b>2929.74</b>	<b>0.39</b>	<b>3006.08</b>	<b>0.39</b>	<b>5935.82</b>	<b>0.78</b>
<b>MINING EXPENSE,</b>												
Air Pipes,	214.05	0.03	446.36	0.06	660.41	0.09	139.10	0.02	214.43	0.03	353.53	0.05
Compressors,	165.422	0.22	417.85	0.55	583.27	0.77	170.957	0.22	397.549	0.53	568.506	0.75
Hoisting,	270.842	0.36	141.528	0.18	412.370	0.54	268.828	0.35	158.833	0.21	419.439	0.55
Pumping,	208.543	0.27	307.747	0.41	516.290	0.68	228.962	0.30	282.602	0.37	515.564	0.67
Sinking,	259.193	0.34	99.129	0.13	358.322	0.47	69.136	0.09	260.10	0.03	95.146	0.12
Drifting,	906.35	1.19	785.07	0.38	1191.082	1.57	717.382	0.94	2173.13	0.29	934.695	1.23
Breaking Ore,	193.4245	2.54	823.769	1.09	2758.04	3.63	2182.718	2.87	8973.27	1.18	3080.045	4.05
Tramming,	137.4570	1.81	71.134	0.09	144.574	1.90	138.1323	1.82	86.524	0.11	146.7847	1.93
Filling,												
Timbering,	256.01	0.04	12.16	0.00	268.17	0.04	308.37	0.04	56.64	0.01	365.01	0.05
Mining Captain and Bosses,	304.505	0.40			304.505	0.40	304.570	0.40			304.570	0.40
Dry House,	629.56	0.08	537.60	0.07	1167.16	0.15	622.84	0.07	190.05	0.02	712.89	0.09
Top Landing and Tramming,	201.497	0.26	36.924	0.05	238.421	0.31	207.507	0.27	160.07	0.02	223.514	0.29
Stocking Ore,	271.69	0.04	480.6	0.00	319.75	0.04	655.46	0.09	127.08	0.01	782.54	0.10
Sorting Ore,	396.450	0.52			396.450	0.52	519.202	0.68			519.202	0.68
<b>Total,</b>	<b>6158.433</b>	<b>8.10</b>	<b>22.87481</b>	<b>3.01</b>	<b>84.45914</b>	<b>1.11</b>	<b>6213.625</b>	<b>8.16</b>	<b>2143.766</b>	<b>2.82</b>	<b>8357.391</b>	<b>10.98</b>
Cost of Production, Per Cent,	65.83368	86.6	27.32352	36.0	93.15720	1.226	67.15075	8.82	25.86616	33.9	93.01691	1.222
<b>EXPLORATORY.</b>												
Exploring in Mines,												
<b>Total,</b>												
<b>DEPRECIATION, ETC.</b>												
Inventory,					285	0.00					231.423	0.30
Improvement,					1497.30	0.19					249.25	0.03
New Construction,											352.51	0.05
<b>Total,</b>											290.99	0.38
<i>Unclaimed Ages, Etc.</i>					820	0.00					1101	0.00
<b>Total,</b>					1486.25	0.19					290.99	0.38
Taxes,					3801.25	0.50			3804.25	0.50	3804.25	0.50
Central Office,	1292.08	0.17	507.92	0.06	1800.00	0.24	1251.44	0.16	347.36	0.05	1598.80	0.21
<b>Total Cost on Stock Pile,</b>	<b>6712.676</b>	<b>8.83</b>	<b>24.83144</b>	<b>3.66</b>	<b>100.24470</b>	<b>1.319</b>	<b>68402.19</b>	<b>8.99</b>	<b>30.01777</b>	<b>3.94</b>	<b>10132.994</b>	<b>1.331</b>
<b>LOADING AND SHIPPING.</b>												
Steam Shed,												
By Hand, 1902-25.705					2350.00		150.97		2500.97	0.97		
At Pockets, 1902-43.106							454.0		668.11	0.16		
Sorters (L. E. Bed), 1901-39.86							39.86		39.86	---		
Shipping Expense,												
<b>Total,</b>	<b>336.857</b>	<b>0.44</b>	<b>196.37</b>	<b>0.03</b>	<b>2564.94</b>	<b>0.47</b>						
<b>Total Cost on Cars,</b>	<b>70.49433</b>	<b>0.27</b>	<b>28.02781</b>	<b>3.69</b>	<b>10380.964</b>	<b>1.366</b>	<b>68402.19</b>	<b>8.99</b>	<b>30.01777</b>	<b>3.94</b>	<b>10132.994</b>	<b>1.331</b>
Royalty,												
Comm'n and Expense, Cleveland Office,							150					150
<b>Total Cost,</b>							1516					1516

ACCOUNTS NOT SHOWN BY.	Mos.		Mos.		Sinking.		Drifting.		Comparative Cost.		Comparative Cost.			
	Amount	Per Ton	Amount	Per Ton	Feet	Cost	Per Ft.	Feet	Cost	Per Ton	Cost			
New Construction,														
Improvement,					70'	3583.22	50.84	14.61	11910.82	8.16	1898	12	10.651	2.029
<b>Total,</b>					17	951.46	55.95	8.94	9346.95	10.45	1900	12	74.459	1.846

**REMARKS.**

**ANALYSIS OF LABOR.**

Labor as per Cost Sheet, **best,**  
 Other Charges,  
 Total,  
 As per Labor Statement, **best,**  
 General Pay-Roll,  
 Total,

Summary of Supplies Used During Year 1902 to 1901

THE CLEVELAND-CLIFFS IRON CO.		COST OF SUPPLIES.		COST PER TON.	
MINE.	Product.	1901	1902	1901	1902
		Mo. Year.	Mo. Year.	Mo. Year.	Mo. Year.
<i>Hard Ore</i>		76,024	76,085		
	General Supplies,	20,880	8,882	026	012
	Iron and Steel,	9,671	9,280	013	012
	Oil, Grease and Candles,	14,605	16,259	019	022
	Machinery Supplies,	28,955	21,023	038	028
	Building Material,	10,479	15,987	014	021
	Explosives,	8,751	8,460	016	011
	Mine Timber,	1,265	2,617	002	000
	Fuel,	10,571	9,579	013	026
	Barn,				
	Sundries,	1,010	1,006	013	013
	Total Supplies,	288,495	262,161	380	348
	Miscellaneous,	2,963	5,578	038	073
	Total,	318,137	317,948	418	418
<b>SUMMARY.</b>					
	As per Cost Sheet,	30,001	31,165	398	410
	Improvement,				
	New Construction,				
	Other Charges,	18,123	6,296	073	008
	Total,	318,137	317,948	418	418

2

*cc 96*

Cost Sheet for the Month of 1901  
 Mine Hard Ore

# THE CLEVELAND-CLIFFS IRON CO.

Cost of Production for the Month of November 1902

Mine.	Month of <u>November</u> , 190 <u>2</u>				Tons. <u>12</u> Months, 190 <u>2</u>				Tons. <u>20</u> Months, 190 <u>2</u>			
	Labor.		Supplies.		Total.		Tons.		Tons.		Tons.	
	Amount.	Cost Per Ton.	Amount.	Cost Per Ton.	Amount.	Cost Per Ton.	Amount.	Cost Per Ton.	Amount.	Cost Per Ton.	Amount.	Cost Per Ton.
<b>GENERAL EXPENSE.</b>												
Insurance,			13 50		13 50			13 50			13 44	
Engineering,												
Analysis,												
Relief Fund,												
Mine Office,												
Total,			13 50		13 50			13 50			13 44	
<b>MAINTENANCE—Repairs of</b>												
Tracks and Yards,												
Docks, Trestles and Pockets,												
Buildings,												
Shop Machinery,												
Boilers,												
Hoisting Machinery,												
Compressors and Air Pipes,												
Cornish and Steam Pumps,												
Top Tram Engines and Cars,												
Skips and Skip Roads,												
Underground Tracks and Cars,												
Total,												
<b>MINING EXPENSE.</b>												
Air Pipes,												
Compressors,												
Hoisting,												
Pumping,												
Sinking,												
Drifting,												
Breaking Ore,												
Tramming,												
Filling,												
Timbering,												
Mining Captain and Bosses,												
Dry House,												
Top Landing and Tramming,												
Stocking Ore,												
Sorting Ore,												
Total,												
Cost of Production, Per Cent,												
<b>EXPLORATORY.</b>												
Exploring in Mines,												
Total,												
<b>DEPRECIATION.</b>												
Inventory,												
Improvement,												
New Construction,												
Total,												
Expenses,						272 69		272 69			252 75	
Central Office,												
Total Cost on Stock Pile,			13 50		286 19			286 19				
<b>LOADING AND SHIPPING.</b>												
Steam Shovel,												
By Hand,												
At Pocket,												
Saggers (L.E. Deck),												
Shipping Expense,												
Total,												
Total Cost on Cars,			13 50		286 19			286 19			252 75	
Royalty,												
Comm'n and Expense, Cleveland Office,												
Total Cost,												

ACCOUNTS NOT SUNK OFF.	Mos.		Mos.		Current Mo. Mos. Mos.	Sinking.			Drifting.			Comparative Cost.			
	Amount	Per Ton	Amount	Per Ton		Feet	Cost	Per Ft.	Feet	Cost	Per Ft.	Year	Mos.	Tons	Cost
New Construction,															
Improvement,															
Total,															

**REMARKS.**

**ANALYSIS OF LABOR.**

Labor as per Cost Sheet,  
Other Charges,

As per Labor Statement,  
General Pay Roll,





CLEVELAND IRON MINING COMPANY AND IRON CLIFFS COMPANY.

Weekly Mine Report for the Week Ending

November 30<sup>th</sup> 1902

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
Scotch (Moro), <i>Oxide</i>	✓ 157	1242 <sup>16</sup>	3875	5117 <sup>16</sup>		76024		79232	155256	68811	86445	408	423	255
Barnum, <i>4943</i> Cliffs Shaft, <i>237 Shortage</i>	✓ 64	4706	15124	19830		279002		174445	403447	384213	21234	784	862	940
Total from Hard Ore Mines,	211	5963	18999	24962		356026		203674	558703	461024	107679	992	1085	1195
Lake Bessemer, <i>Oxide</i>	✓ 640	2364 <sup>11,10</sup>	6806	9170 <sup>1,455</sup>	5254	166480	✓	2274	167754	167754		440	447	557
Lake, <i>Oxide</i>	✓	6627 <sup>184</sup>	17101	23728 <sup>74</sup>		309184	✓	119546	428729	277506	151223	1165	1095	1041
Lake Bessemer, <i>Oxide</i>	✓	17	800	800 <sup>17</sup>		3167	✓	3167	3167				89	96
Salisbury Bessemer, <i>Oxide</i>	✓ 326	1663 <sup>338</sup>	4685	6348 <sup>338</sup>		89612	✓	2658	92270	84412	8058	278	277	309
Salisbury, <i>Oxide</i>	✓	1844	5756	7600		89074		21904	110978	101082	9896	321	345	307
Foster,	✓				810	810		1200	2010	2010				
Tilden Silica,	✓					4621			4621	4621				52
Tilden Old Strip Pile	✓					129	1901		129	129				
Total from Hematite Mines,	466	15602	35128	50750	6064	664077		147581	809658	640481	169177	2202	2253	2364
Grand Total,	1177	21565	54147	75712	6064	1017103		351258	136836	1091605	276866	3196	3338	3567
Rock, previous for Month,	2795													
" total " "	3972													
" " from Dec. 1, 1901	53661													

OVERRUNS shown in Black; Shortages in Red; Transfers To in Black; Transfers From in Red.

Lake Ore in Black at Presque Isle 65673 tons. This amount is included in the 151223 tons shown above as Lake Bessemer on hand.

4750

---

CLEVELAND IRON MINING CO.  
AND IRON CLIFFS CO.

**ORE MINED AND SHIPPED**

For Week ending *November 30<sup>th</sup>* 190*2*

---

4

Mr. Mattie:

It is the Cost of Production, but does not include Depreciation or  
cost of Loading —

RCM

NOVEMBER 30th, 1902.

	Amount		Output by Grades.	Lake			Total
		Cost		Bessemer	Lake	Silica	
General Expense	9783	08	South Deposit	156204	46244	3167	205615
Maintenance	22685	67	2nd Level		108629		108629
Mining Expense			3rd Level	4022	154311		158333
Air Pipes	859	17	Overrun	5254			5254
Compressors	8700	19		165480	309184	3167	477831
Hoisting	7630	57					
Steam Pumps	8183	96	For 1901,	186203	282680		468883
Sinking, Reprs Shft,	2408	19	Increase		26504	3167	8948
Ming. Capt. & Bosses,	6794	06	Decrease	20723			
Dry House	959	75					
Top Lndg & Trmg.	5658	05					
Stkg & Sorting,	7367	30					
L. Ang Drng P. Exp,	4912	10					
Total,	85942	09					
Year 1901	87577	06					

	South Deposit		2nd Level		3rd Level		Total 1902		Total 1901.						
	205615 tons		108629 tons		158333 tons		477831 tons		468883 tons.						
	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost	Amount	Cost.					
Drifting	17949	42	088	2888	51	026	12153	36	077	32991	29	069	30154	92	064
Breaking ore	84553	99	412	42918	39	396	61873	24	391	189345	62	396	185619	20	396
Tramming	12848	24	062	6831	57	063	9897	14	063	29576	95	062	37506	07	080
Filling				917	77	008	1843	83	011	2761	60	006	7319	27	016
Timbering	23526	96	113	14098	65	130	20938	63	132	58564	24	123	62410	89	133
Cave In				1283	55	012				1283	55	003	4825	47	010
Total	138878	61	675	68938	44	635	106706	20	674	314523	25	659	327835	82	699
Year 1901	122471	99	655	141907	12	714	63456	71	765			699			
Add Cost per ton, A/cs ab.			179			179			179			179			
Cost of Prod. 1902,			854			814			853			838			
Cost of Prod. 1901,			843			902			953			887			
Decrease						088			100			049			
Increase			011												
										Summary		1902	1901		
										Mining Cost		659	699		
										Genl Exp Items		179	188		
										Total,		838	887		
										Decrease		049			

*As this is the total cost*

Division of Mining Cost

Year Ending Nov 30-1902.

Item	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	Total
General Expenses	1000	1200	1500	1800	2000	2200	2500	2800	3000	3200	3500	3800	35000
Salaries	1500	1800	2000	2200	2500	2800	3000	3200	3500	3800	4000	4200	40000
Travel	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	15000
Stationery	300	350	400	450	500	550	600	650	700	750	800	850	8000
Printing	200	250	300	350	400	450	500	550	600	650	700	750	7000
Telephone	100	120	140	160	180	200	220	240	260	280	300	320	3000
Lighting	400	450	500	550	600	650	700	750	800	850	900	950	9000
Repairs	300	350	400	450	500	550	600	650	700	750	800	850	8000
Insurance	200	250	300	350	400	450	500	550	600	650	700	750	7000
Interest	100	120	140	160	180	200	220	240	260	280	300	320	3000
Depreciation	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	15000
Profit	100	120	140	160	180	200	220	240	260	280	300	320	3000
<b>Total</b>	<b>5000</b>	<b>6000</b>	<b>7000</b>	<b>8000</b>	<b>9000</b>	<b>10000</b>	<b>11000</b>	<b>12000</b>	<b>13000</b>	<b>14000</b>	<b>15000</b>	<b>16000</b>	<b>150000</b>



CLEVELAND IRON MINING COMPANY

LAKE MINE

RECORD OF DELAYS FROM VARIOUS CAUSES, YEAR ENDING NOV.30TH,1902

	Hours Delay	Tons Lost	Percent of Time Lost	
			1902	1901
Fatal Accidents	32	2000	.055	.291
Skips, Skip Roads & Bell Line	76	2800	.130	.062
Hoisting Machinery				
Motors & Cars And Tracks & Cars	36	2500	.062	.067
Shafts & Shaft House Repairs	20	1500	.034	
Top Tram Engines & Cars	3		.005	.050
Caves	27	1700	.046	
Fire in Mine & Plant	40	2500	.069	
Miscellaneous	6		.010	.021
<b>TOTAL</b>	<b>240</b>	<b>13000</b>	<b>.411</b>	<b>.491</b>
Holidays	344	23062	.589	.509
<b>TOTAL INCLUDING HOLIDAYS</b>	<b>584</b>	<b>36062</b>	<b>1.000</b>	<b>1.000</b>
No. Days 24 Hrs. Pr. Day		24 1/3		
Actual Product for Year		477831		
Average Product Pr. Day For Yr.		1609		
No. Full Days Worked for Yr.		287 2/3		
Number Days Idle		24 1/3		
Lost Product (Exc. Holidays)		13000		
<b>FIXED CHARGES</b>				
Accounts Not Effected When Mines Are Idle		<b>Tons</b>	<b>Cost</b>	<b>Amount</b>
General Expense (Except Analysis & Relief Fund)			.010	4463 68
Taxes			.037	17829 82
Maintenance			.047	22685 67
Air Pipes			.002	859 17
Pumping			.017	8183 96
Lake Angeling Pumping Expense			.010	4912 10
Mining Captain			.005	2500 00
Cave In			.002	866 72
Depreciation			.093	44309 82
<b>TOTAL</b>			<b>.223</b>	<b>106610 94</b>
Total Cost on Stock Pile for Yr. (Actual)		477831	.994	475166 34
Less Fixed Chgs. Cost Pr. Ton			.223	
Cost of Lost Product		13000	.771	10023 00
Possible Product & Cost		490831	.989	485189 34
Loss or the Difference Between Actual & Possible Cost & The Amt.		490831	.005	2454 16
Ditto 1901		495083	.014	6931 16

DIFFERENTIAL  
 ACCOUNT & POSSIBLE COST & THE AMT.  
 LOSS ON THE DIFFERENCE BETWEEN  
 POSSIBLE PRODUCT & COST  
 COST OF LOSS PRODUCT  
 LESS FIXED CHGS. COST PR. TON  
 (ACCOUNT)  
 TOTAL COST ON STOCK PILE FOR YR.

TOTAL	432082	.014	6321 10
DEPRECIATION	430331	.005	2424 18
LOSS IN	430821	.089	482183 24
MINING CAPITAL	12000	.471	10082 00
LAKE ANGELES PUMPING EXPENSE	414821	.384	442186 24
PUMPING			
AIR PIPES			
MAINTENANCE			
TAXES			
GENERAL EXPENSE (EXCEPT ANALYSIS)			
( & REPAIR FUND)			
MINES ARE IDLE			
ACCOUNTS NOT EFFECTED WHEN			
FIXED CHARGES			
TONS			
COST			
AMOUNT			

LOSS PRODUCT (EXC. HOLIDAYS) 12000

NUMBER DAYS IDLE  
 NO. DAYS WORKED FOR YR.  
 LOSS PRODUCT PR. DAY FOR YR.  
 NET PRODUCT FOR YEAR

34 1/3  
 884 2/3  
 1803  
 414821

NO. DAYS 24 Hrs. Pr. Day  
 TOTAL INCLUDING HOLIDAYS  
 TOTAL

284 34 1/3  
 28082 1.000  
 244 232  
 12000 .471  
 240 1.000

LOSS IN MINE & PLANT  
 CAUSES  
 LOSS FROM ENGINES & CARS  
 REPAIRS & SHUTT HOUSE REPAIRS  
 MOTOR & CARS AND TRUCKS & CARS  
 HOISTING MACHINERY  
 SKIPS, SKID ROADS & BELT LINE  
 BEST ACCOUNTS

2  
 40 8200 .010  
 37 1100 .048  
 3 1200 .002  
 20 1200 .024  
 28 2200 .098  
 16 2800 .130  
 22 2000 .082  
 .081  
 .209  
 .491  
 .081  
 .082  
 .081

DELTA HOURS  
 LOSS TONS  
 PERCENT OF TIME LOSS

RECORD OF DELAYS FROM VARIOUS CAUSES, YEAR ENDING NOV. 30TH, 1902

LAKE MINE

CLEVELAND IRON MINING COMPANY

CLEVELAND IRON MINING COMPANY

HARD ORE MINE

RECORD OF DELAYS FROM VARIOUS CAUSES, YEAR ENDING NOV.30TH,1902

	Hours Delay	Tons Lost	Percent of Time Lost	
			1902	1901
Fatal Accidents				.177
Skips, Skip Roads & Bell Line	42	440	.123	.018
Hoisting Machinery	14	180	.042	
Top Tram Engines & Cars	4	60	.012	.009
<b>TOTAL</b>	<b>60</b>	<b>680</b>	<b>.127</b>	<b>.204</b>
Holidays	280	3570	.823	.796
<b>TOTAL INCLUDING HOLIDAYS</b>	<b>340</b>	<b>4250</b>	<b>1.000</b>	<b>1.000</b>
No. Days 20 Hrs. Pr. Day	17			
Actual Product Pr. Yr.	76024			
Average Product Pr. Day for Yr	255			
No. Full Days Worked for Yr	295			
Number Days Idle	17			
Lost Product (Exc. Holidays)	680			
<b>FIXED CHARGES</b>				
Accounts Not Effected When Mines Are Idle		<b>Tons</b>	<b>Cost</b>	<b>Amount</b>
General Expense (Except Analysis & Relief Fund)			.041	3179 71
Taxes			.050	3801 25
Maintenance			.064	4850 42
Air Pipes			.009	660 41
Pumping			.068	5162 90
Mining Captain			.020	1500 00
Depreciation			.019	1486 25
<b>TOTAL</b>			<b>.271</b>	<b>20640 94</b>
Total Cost on Stock Pile for Yr. (Actual)		76024	1.319	100244 70
Less Fixed Chgs. Cost Pr. Ton			.271	
Cost of Lost Product		680	1.048	712 64
Possible Product & Cost		76704	1.316	100957 34
Loss or the Difference Between Actual & Possible Cost & The Amt.		76704	.003	230 11
Ditto 1901		77155	.003	231 47

*Lake Mine*  
*Record of Delays*

	1900	1901	
Actual & Possible Cost & The Amt. Loss or the Difference Between	18704	18704	.002
Possible Product & Cost	18704	18704	1.316
Cost of Lost Product	880	178 04	1.048
Less Fixed Chgs. Cost Pt. Ton (Actual)	18024	100844 40	.341
Total Cost on Stock Pile for Yr.			1.319
TOTAL		80640 04	.341
Depreciation		1498 82	.019
Mining Capital		1200 00	.030
Pumping		2198 90	.088
Air Pipes		980 41	.039
Maintenance		4820 48	.084
Taxes		3801 82	.050
General Expense (& Relief Fund)		2139 47	.041
Mines Are Idle			
Accounts Not Ellected When			
FIXED CHARGES			
Tons			Cost
Amount			

Lost Product (Exc. Holidays)	880		
Number Days Idle	13		
No. Full Days Worked for Yr	332		
Average Product Pt. Day for Yr	322		
Actual Product Pt. Yr.	18024		
No. Days So Hrs. Pt. Day	13		
TOTAL INCLUDING HOLIDAYS	340	4820	1.000
Holidays	880	3230	.832
TOTAL	90	930	.168
Loss from Engines & Cars	4	80	.018
Hoisting Machinery	14	180	.048
Skips, Skip Roads & Belt Line	48	440	.182
Fatal Accidents			.177
Delay Hours		Loss Tons	Percent of Time Lost
			1900
			1901

RECORD OF DELAYS FROM VARIOUS CAUSES, YEAR ENDING NOV. 30TH, 1908  
HAND ONE MINE

CLEVELAND IRON MINING COMPANY

THE CLEVELAND-CLIFFS IRON CO.

CLEVELAND IRON MINING CO.  
IRON CLIFFS CO.

M. M. DUNCAN, AGENT.

ISHPEMING, MICH., Feby. 14th. 1903.

IN YOUR REPLY PLEASE REFER TO FILE

C. I. M. CO. TAXES.



Mr. R. C. Mann, Auditor,

Cleveland, Ohio.

Dear Sir:-                   Replying to your favor 11th. inst.

After making up the pencil copy of the tax statement which contained the note in reference to the \$507.79. We took the amount up in our taxes for 1902 and neglected to cancel the notice, if you will kindly rule this over it will leave the matter as it should be.

Yours truly,

*A. J. M. Duncan*  
Local Auditor.

AJY-CWL

P.S.. Your mail of Feby. 11th. did not reach us until today.



Feb. 11th, 1903.

Mr. A. J. Yungbluth, Local Auditor,  
Ishpeming, Mich.

Dear Sir:-

Yours Cleveland Iron Mining Co. Comparative Statement of  
Taxes shows a note at the bottom, as follows:

Lake Mine taxes as charged, per Cost Sheet.	\$17,322.03
1902 taxes to be charged in 1903,	507.79
Total,	<u>\$17,829.82</u>

The Cost Sheet, as sent down by you, calls for the total  
as above given, and it is apparent that you have charged out the entire  
taxes in carrying over to 1903 the \$507.79, as above. Are we not  
correct.

Yours truly,

Auditor.

HCS-H

CLEVELAND IRON MINING COMPANY

COMPARATIVE STATEMENT OF TAXES FOR YEARS 1902 AND 1901

DESCRIPTION CITY OF ISHPEMING	1902				1901			
	VALUATION		TAXES		VALUATION		TAXES	
E.1/2 of Sec.10-47-27 except that part thereof included in CIMCO's addition to the City of Ishpeming and that part known as the CIMCO's Nebraska Hill location(so called) Except the rights of way of the C&NWRy,LS&IRy,& DSS&ARY across said land in a northeasterly and southwesterly direction	891000	00	16821	24	890000	00	15571	44
W.1/2 of W.1/2 Sec.11-47-27 except the rights of way of DSS&ARY & LS&IRy across said land in an easterly and westerly direction about 140 acres	6000	00	113	28	6000	00	104	97
NW.1/4 of NW.1/4 Sec.2-47-27 38.92 acres	8100	00	152	93	8100	00	141	76
NE.1/4 of NW.1/4 Sec.2-47-27 38.60 acres	1600	00	30	21	1600	00	28	01
S.1/2 of NW.1/4 Sec.2-47-27,30acre Nebraska Hill Location	4600	00	86	85	4600	00	80	48
Personal, Moro Mine	65125	00	1433	26	67400	00	1179	70
Personal, Lake Mine	152849	00	2885	45	55556	00	972	12
Boats; Pontiac,Frontenac, Cadillac,Pioneer,Choctaw,Andaste, Chattanooga & Falcon	335351	00	6331	31	385434	00	6743	53
	120000	00	2265	48	120000	00	2099	52
<u>Total City Taxes</u>	1584625	00	30120	01	1538700	00	26921	59
Collection Fees 1%			301	21			269	22
City of Marquette								
Stock Pile at Presque Isle	75000	00	1398	34				
Collection Fees 1%			13	99				
<u>Grand Total</u>	1659625	00	31833	55	1538700	00	27190	81
Rate (not including fees)			1	82			1	75
Increase over last year 8%	120925	00						
Increase over last year 17.1%			4596	76				
Amount of taxes as per statemt Charged as follows:								
Moro Mine	200247	00	3801	25	215400	00	3804	25
Hard Ore Location	389085	00	7641	65	278510	00	4924	08
Lake Mine	935993	00	17829	82	910490	00	16089	21
Hematite Mine	14300	00	272	69	14300	00	252	75
Treasurer,Taxes on Boats	120000	00	2288	14	120000	00	2120	52
<u>Total Taxes</u>	1659625	00	31833	55	1538700	00	27190	81
Note								
Lake Mine								
Charged as per cost Sheet	17322	03						
1902 Taxes to be chgd.in 1903	507	79						
<u>Total</u>	17829	82						

*See letter attached*

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

22	1368	388	00	00	00	00	00	00	00	00
23	00	00	00	00	00	00	00	00	00	00
24	00	00	00	00	00	00	00	00	00	00
25	00	00	00	00	00	00	00	00	00	00
26	00	00	00	00	00	00	00	00	00	00
27	00	00	00	00	00	00	00	00	00	00
28	00	00	00	00	00	00	00	00	00	00
29	00	00	00	00	00	00	00	00	00	00
30	00	00	00	00	00	00	00	00	00	00
31	00	00	00	00	00	00	00	00	00	00
32	00	00	00	00	00	00	00	00	00	00
33	00	00	00	00	00	00	00	00	00	00
34	00	00	00	00	00	00	00	00	00	00
35	00	00	00	00	00	00	00	00	00	00
36	00	00	00	00	00	00	00	00	00	00
37	00	00	00	00	00	00	00	00	00	00
38	00	00	00	00	00	00	00	00	00	00

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

Labor  
 from  
 work exal  
 spent per as beyond  
 cost of work cost  
 Labor

**Cleveland Iron Mining Co.**  
*Consolidated Statement of Assets*

	ASSETS	LIABILITIES
CASH	10000	10000
RECEIVABLES	20000	20000
INVENTORY	30000	30000
PROPERTY	40000	40000
EQUITY	50000	50000

CLEVELAND IRON MINING COMPANY

THE CLEVELAND-CLIFFS IRON COMPANY

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING NOV.30,1902  
HARD ORE MINE

	1902			1901		
	Amount		Cost Per Day	Amount		Cost Per Day
Number of Horses	16			16		
Number of Days worked	4378			4136		
Number of Days Idle	1154.5			1142		
Number of Days Sick	173.5			153		
<u>TOTAL DAYS</u>	5706			5431		
Cost of Feeding, Bedding etc.	1956	17	.342	1743	21	.320
Barn Supplies, Shoeing etc.	312	43	.055	231	65	.043
Harness & Wagon Repairs	168	67	.029	573	27	.106
<u>TOTAL</u>	2437	27	.426	2548	13	.469
Barn Labor Attendance etc.	1024	33	.180	948	25	.175
<u>TOTAL COST</u>	3461	60	.606	3496	38	.644
<u>ANALYSIS OF FEED &amp; BEDDING</u>						
	<u>1902</u>		<u>1901</u>			
Oats	69184#		75984#	1033	32	.181
Hay	103200#		94691#	645	96	.113
Mixed Feed	19325#		17576#	206	52	.036
<u>TOTAL</u>	191709#		188251#	1885	80	.330
Salt		3	00	3	00	.000
Bedding		67	37	55	43	.010
<u>TOTAL</u>		1956	17	1743	21	.320
Oats, Lbs. per Horse per Day				12.1		14.0
Hay " " " " "				18.1		17.4
Mixed Feed " " " " "				3.4		3.2
<u>TOTAL Lbs. per horse per day</u>				33.6		34.6



# The Cleveland-Cliffs Iron Co.

*Statement of Bare Expenses  
HARD ON MINE*

Number of Days worked  
Number of Horses

1902

1901

**ANALYSIS OF FEED & BREEDING**

Item	1902	1901	Per Horse Per Day	Per Horse Per Day
Fixed Feed	103200%	103200%	2.4	2.3
HSA	103200%	103200%	1.1	1.1
OSHA	103200%	103200%	1.3	1.2
<b>TOTAL</b>	<b>103200%</b>	<b>103200%</b>	<b>4.8</b>	<b>4.6</b>

Number of Days Sick  
Number of Days Idle  
TOTAL DAYS

1902  
1901

Supplies & Wagon Repairs  
Feeding, Bedding etc.  
TOTAL COST

2481 00  
1034 23  
2487 24  
183 04  
212 42  
1032 14  
2403

Amount Per Day  
1902  
1901

STATEMENT OF BARE EXPENSE FOR THE YEAR ENDING NOV. 30, 1902  
THE CLEVELAND-CLIFFS IRON COMPANY



CLEVELAND IRON MINING COMPANY

RECORD OF FIRE INSURANCE ON MINE BUILDINGD & DWELLINGS

YEAR ENDING NOVEMBER 30TH., 1902.

	Amount of Insurance Carried		Premium Accruing for 1902	
<u>HARD ORE MINE</u>				
Mine Buildings	16350	00	375	77
Dwellings	29000	00	130	33
TOTAL	45350	00	448	41
<u>LAKE MINE</u>				
Mine Buildings	16300	00	371	65
<u>HEMATITE MINE</u>				
Dwellings	2700	00	13	50
TOTAL C. I. M. CO.	64350	00	891	25

NOTE:- (Cleveland Iron Mining Co.)  
(had no fire loss during )  
(1902 )

# Cleveland Iron Mining Co,

## Record of Fire Insurance

NOTE:-- (1903  
(had no fire loss during )  
(Cleveland Iron Mining Co.) )

PROPERTY	AMOUNT OF INSURANCE	PREMIUM PAID	LOSS
HEMLOCK MINE	\$200 00	\$2 20	
NEW BRIDGES	18200 00	331 88	
PAVE MINE			
TOTAL	42220 00	443 41	
NEW BRIDGES	8000 00	130 33	
NEW BRIDGES	18220 00	312 88	
HARD ORE MINE			
INSURANCE GRANTED			
AMOUNT OF			
PREMIUM FOR 1901			

ALSO ENDING NOVEMBER 30TH, 1903.

RECORD OF FIRE INSURANCE ON MINE BUILDINGS & BRIDGES

CLEVELAND IRON MINING COMPANY

CLEVELAND IRON MINING COMPANY  
RECORD OF COST OF WORK AT THE HARD ORE SHOPS FOR THE YEAR  
ENDING NOVEMBER, 30TH. 1902

	MACHINE SHOP		BLACKSMITH SHOP		CARPENTER SHOP	
	1901	1902	1901	1902	1901	1902
Average No. of men	10	10	6	6	2	2
Total No. of hrs. worked	30174 $\frac{1}{2}$	30789 $\frac{1}{2}$	18180	18119 $\frac{1}{2}$	6685	6516 $\frac{1}{2}$
Hrs. on Shop Tools	454 $\frac{1}{2}$	708 $\frac{1}{2}$	1760 $\frac{1}{2}$	1602	908	456
Hrs. for var. persons & Mines	5053 $\frac{1}{2}$	676	1752 $\frac{1}{2}$	99	1400	11 $\frac{1}{2}$
" on Mine accts. C.I.M. Co.	24369 $\frac{1}{2}$	29404 $\frac{1}{2}$	14667	16418 $\frac{1}{2}$	4377	6049
Total Cost per hour	.277	.301	.233	.234	.251	.261
Cost per hr. on shop tools	.277	.301	.233	.234	.251	.261
Cost per hr. var. accts.	.283	.306	.261	.239	.299	.267
Cost per hr. Mine accts.	.283	.306	.261	.239	.299	.267
Total Labor Cost	7024.28	7240.07	3741.06	3689.94	1514.58	1475.64
Cost per hour	.233	.235	.206	.203	.226	.226
Total Supply Cost	1343.06	2053.26	501.50	562.52	164.51	288.70
Cost per hour	.044	.066	.028	.031	.025	.035
Total Labor & Supply Cost	8367.34	9293.33	4242.56	4252.46	1679.09	1704.34
Profit on work done for var. persons & Mines other than C.I.M. CO.	713.17	125.34	191.44		123.78	
Average chgs. per hr. to var. persons & Mines	.409	.581	.344	.445	.351	.552
Profit per hr. variour persons & Mines	.126	.275	.083	.206	.052	.285
<u>SUPPLIES AS FOLLOWS</u>						
General Supplies	151.13	209.49	336.00	308.37	25.99	25.43
Iron & Steel	22.40	78.07	7.95	14.58	1.58	.25
Oil, Grease & Candles	97.26	91.78	3.89	6.64	.70	1.72
Machinery Supplies	32.92	46.88	13.86	5.96	15.19	.08
Building Material		1.03	1.68	.93	.37	
Fuel	958.80	1589.25	121.39	198.84	110.08	198.82
Sundries	80.55	36.78	16.73	15.58 11.62	10.60	2.40
<b>TOTAL</b>	<b>1343.06</b>	<b>2053.26</b>	<b>501.50</b>	<b>562.52</b>	<b>164.51</b>	<b>288.70</b>

TOTAL	1343.06	2022.29	201.20	222.22	124.21	222.20
Supplies	30.22	26.78	16.72	11.22	10.20	2.40
Fuel	222.20	1222.22	121.22	(12.22)	110.22	122.22
Building Material		1.22	1.22			
Machinery Supplies	22.22	42.22	12.22	2.22	12.12	.22
Oil, Grease & Sandles	27.22	21.72	2.22	2.22	.22	1.72
Iron & Steel	22.40	72.02	7.22	14.22	1.22	.22
General Supplies	121.12	202.42	222.00	202.22	22.22	22.42
SUPPLIES VS MONTHS						
PERSONS & MINES	122	222	222	222	222	222
Profit Per Hr. ARI. IOLK						
ARI. PERSONS & MINES	402	221	244	442	221	222
Average chgs. per hr. to						
then C.T.M.CO.	112.12	122.24	121.44		122.72	
ARI. PERSONS & MINES OTHER						
Profit on work done for						

# Cleveland Iron Mining Co.

*Statement of Cost for Shop Work at Hard Ore Shops*  
*Year ending Nov. 30, 1901*

TOTAL LABOR & SUPPLY COST	8222.24	2222.22	4222.22	4222.22	1222.02	1222.24
PER HOUR	.044	.022	.022	.021	.022	.022
TOTAL SUPPLY COST	1242.02	2022.22	201.20	222.22	124.21	222.20
PER HOUR	.222	.222	.202	.202	.222	.222
TOTAL LABOR COST	4022.22	4240.02	2241.02	2222.24	1212.22	1242.24
PER HR. MINES	.222	.202	.221	.222	.222	.222
PER HR. ARI. SECYS.	.222	.202	.221	.222	.222	.222
PER HR. ON SHOP TOOLS	.222	.201	.222	.224	.221	.221
PER HOUR	.222	.201	.222	.224	.221	.221
ON MINES SECYS. C.T.M.CO.	2222.22	2240.22	1222.22	1242.22	4222.22	2222.22
ARI. PERSONS & MINES	2022.22	222	1222.22	22	1222.22	11.22
ON SHOP TOOLS	422.22	222.22	1222.22	1222	202	422
TOTAL NO. OF HRS. WORKED	20124 1/2	20222	12120	12122 1/2	2222 1/2	2222 1/2
AVERAGE NO. OF MEN	10	10	2	2	2	2

RECORD OF COST OF WORK AT THE HARD ORE SHOPS FOR THE YEAR  
 ENDING NOVEMBER, 30TH, 1902  
 CLEVELAND IRON MINING COMPANY  
 MACHINE SHOP      BLACKSMITH SHOP      CARPENTER SHOP

THE CLEVELAND-CLIFFS IRON CO.

CLEVELAND IRON MINING CO.  
IRON CLIFFS CO.

M. M. DUNCAN, AGENT.

ISHPEMING, MICH., Feby. 11th., 1903.

IN YOUR REPLY PLEASE REFER TO FILE

Mr. R. C. Mann, Auditor,  
Cleveland, Ohio.



Dear Sir:-

I herewith hand you corrected statement of expense of pumping at Lake Angeline for year 1902, complete report of which was sent you some days ago, please attach this statement to the report in place of the one already attached reading \$1181.93, this increases the amount due from the Lake Superior Iron Co. 11 cents.

Yours truly,

*A J Campbell*  
Local Auditor.

CJS-CWL  
Enc.



CLEVELAND IRON MINING CO. AND LAKE SUPERIOR IRON CO.

---

Statement of Expense of Pumping at Lake Angeline from Jany.1st.1902  
To December 31st.1902.

---

Actual Cost of Pumping, expense repairs  
etc. as per copy of itemized statements  
hereto attached 3987.79

---

Figured on Basis of Tons Mined during  
Year as Follows:

C.I.M.Co.prop.-	484432 Tons	71.31%	2843.69	
L.S.I.Co. "	- 194895 "	28.69%	<u>-1144.10</u>	
	679327 "	100 %	3987.79	3987.79

---

Average date of payment made by the  
Cleveland Iron Mining Co. July 12th.

---

\$3987.79 at 6% per annum for 6 Mo.19 days 132.25

L.S.I.Co. pro.of interest - 28.69%	37.94
L.S.I.Co. prop." Expense - 28.69%	<u>1144.10</u>
TOTAL Due from Lake Superior Iron Co.	1182.04

---

Cleveland Iron Mining Company.

Statement of Pumping Expense Lake Angeline Drainage for month of January,  
1902.

" L A B O R "

2 pumpmen	62 days	2.05	<u>127.10</u>	127.10
-----------	---------	------	---------------	--------

" S U P P L I E S "

12 gals.	Cylinder oil	.39	3.48	
2 "	Red oil	.15	.30	
7 "	Kerosene oil	.10	.70	
20#	Colored waste	.06	1.20	
50 Tons	Coal	3.00	<u>150.00</u>	155.68

Insurance on boiler 3 years-				<u>24.00</u>
------------------------------	--	--	--	--------------

Jany. 1, 1902 to Jany. 1st, 1905

306.78

CLEVELAND IRON MINING CO.

Statement of Pumping Expense Lake Angeline Drainage for month of Feby., 1902

"L A B O R"

2 Pumpmen	56 days	2.05	114.80
Machinist	1 "		2.45
Miner	2-1/2"	2.00	5.00
Laborers	6 "	1.65	<u>9.89</u> 132.14

"S U P P L I E S"

3 - 1-1/2" Bushings	.03	.09
5 - 2" "	.04	.20
10 Gals. Cyl. Oil	.29	2.90
1 " Red "		.15
5 " Kerosene Oil	.10	.50
7 Lbs. Sq. Rubber Pckg.	.45	<u>3.15</u> 6.99
		<u>139.13</u>

Regular Pumping Expense	124.24
Repairing Drift	<u>14.89</u>
Total	<u>139.13</u>

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF MARCH, 1902.

Pumping Expense.

2 Pumpmen,	62 days at 2.05	127.10
1 Machinist,	9 " " 2.45	22.05
1 Laborer,	4 " " 1.65	6.60

Total Labor, 155.75

24 Gals cylinder oil,	.39	6.96
2 " Red Eng. "	.15	.30
8 " Kerosene,	.10	.80
27# Rubber packing,	.45	12.15
2# Flax Packing,	.25	.50
22# Sheet Rubber,	.15	3.30
11# Candle Wicking,	.06	.66

Total Supplies, 24.67

Total Pumping Expense, ~~181.24~~ *180.42*

Repairing Drift South Side. For Launder, and

Opening Shaft to let water through to Launder.

1 Miner, "Boss",	9 days at 2.25	20.25
4 Miners,	19 1/2 " " 2.10	40.95
1 Miner,	2 " " 2.00	4.00
2 Laborers,	12 " " 1.65	19.80
Blksmith Shop, Labor 10 hrs,		4.05
30# Iron, at .02		.60

Proportion Shop supplies, .22

89.87

Cleaning Ditches, East of Mine,  
Running to Grass Lake.

1 Laborer, "Boss",	4 days at 1.95	7.80
4 Laborers,	12 " " 1.65	19.80

27.60

*117.47*  
~~116.65~~

TOTAL,

297.89

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF MARCH, 1902.

Pumping Expense.

2 Pumpmen,	62 days at 2.05	127.10	
1 Machinist,	9 " " 2.45	22.05	
1 Laborer,	4 " " 1.65	6.60	
	<u>Total Labor,</u>		155.75
24 Gals cylinder oil,	.39	6.96	
2 " Red Eng. "	.15	.30	
8 " Kerosene,	.10	.80	
27# Rubber packing,	.45	12.15	
2# Flax Packing,	.25	.50	
22# Sheet Rubber,	.15	3.30	
11# Candle Wicking,	.06	.66	
	<u>Total Supplies,</u>		24.67
	<u>Total Pumping Expense,</u>		<del>181.24</del> 180.42

Repairing Drift South Side. For Launder, and

Opening Shaft to let water through to Launder.

1 Miner, "Boss",	9 days at 2.25	20.25	
4 Miners,	19 $\frac{1}{2}$ " " 2.10	40.95	
1 Miner,	2 " " 2.00	4.00	
2 Laborers,	12 " " 1.65	19.80	
	Blksmith Shop, Labor 10 hrs,	4.05	
	30# Iron, at .02	.60	
	Proportion Shop supplies,	.22	
			89.87

Cleaning Ditches, East of Mine,  
Running to Grass Lake.

1 Laborer, "Boss",	4 days at 1.95	7.80	
4 Laborers,	12 " " 1.65	19.80	
			27.60
			<del>116.65</del> 117.47
	<u>TOTAL,</u>		<u>297.89</u>



CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF APRIL, 1902.

<u>Pumping Expense,</u>		
2 Pumpmen,	60 days at 2.05	123.00
2 Pumpmen, Extra,	3 " " 2.05	6.14
1 Machinist,	2 " " 2.45	4.90
1 Laborer,	$4\frac{1}{2}$ " " 1.65	7.42
Carpenters,	16 hours " .22	3.52
Teaming,	2 "	.64
	<u>Total Labor,</u>	145.82
20 Gals. Cyl. oil, .29		5.80
8 Gals. Kerosene, .10		.80
5 Lbs. Colored waste.07		.35
8 Lbs. Flax packing.25		2.00
S. L. & T.		.34
	<u>Total Supplies,</u>	9.29
	<u>Total Pumping Expense,</u>	<u>\$155.11</u>

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF MAY, 1902.

Pumping Expense.

2 Pumpmen, . . . 62 days at 2.05.		127.10
1 Machinist, 1 "		2.45
	<u>Total Labor,</u>	129.55
16 Gals. Cyl. oil, .29		4.64
1 " Red "		.15
4 " Kerosene, .10		.40
2 lbs. Empire Packing, .26		.52
3 " Sq. Rub. " .45		1.35
	<u>Total Supplies,</u>	7.06
	<u>Total Pumping Expense</u>	<u>\$136.61</u>

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF JUNE, 1902.

Pumping Expense.

2 Pumpmen,	60 days at 2.05,	123.00
1 Machinist,	1 "	2.45
1 Pipeman,	2 " at 2.10,	4.20
1 Laborer,	3/4 " " 1.65,	1.23

---

Total Labor, 130.88

17 Lbs. Colored Waste,	.06	1.02
1 Lb. Asbestos Wick,		.20
2 Lbs. Graphite,	.20	.40
12 Gals. Cyl. Oil,	.29	3.48
7 " Kerosene,	.10	.70

---

Total Supplies, 5.80

---

Total Pumping Expense, \$136.68

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF JULY, 1903.

<u>Pumping Expense.</u>				
3 Pumpmen,	62 days at 2.95,	187.10		
1 Laborer,	2 " " 1.65,	<u>3.30</u>		
	<u>Total Labor,</u>		190.40	
7 lbs. colored waste,	.06	.42		
12 " Valves,	.65	7.80		
2 Gals. Cyl. Oil,	.33	2.33		
1 " Red Oil,		.15		
5 " Kerosene,	.10	<u>.50</u>		
	<u>Total Supplies,</u>		11.13	
	<u>Total Current Pumping Expense,</u>			201.53
<u>REPAIRING LAUNDER &amp; DRIFT.</u>				
<u>Pumping Expense,</u>				
Foreman,	8, 1/2 days at 2.95,	17.42		
Carpenter,	1, 1/2 " " 2.30,	3.45		
Carpenter,	3, 1/2 " " 2.10	7.35		
Timberman,	2 " " 1.80,	3.60		
Laborers,	55, 1/2 " " 1.65,	<u>92.25</u>		
	<u>Total Labor,</u>		124.07	
500' 10-12 timber,	.05	25.00		
700' poles,	.85	6.05		
2100' 7' lagging,	.60	12.60		
1/2 Cord 5' "	3.25	<u>1.63</u>		
	<u>Total Supplies,</u>		45.28	
	<u>Total repairing Launder, and Drift,</u>			169.35
	<u>Total Expense for Month,</u>			\$370.88

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF AUGUST, 1902.

<u>Pumping Expense.</u>			
2 Pumpmen,	62 days at 2.05,	127 10	
1 Machinist,	1 "	2 45	
1 Laborer,	1 "	1 65	
	Machinist, H.O. 2 hrs,	19	
	<u>Total labor,</u>		131 69
6 Gals cyl. Oil,	.29	1 74	
3 Gals. Kerosene oil,	.10	30	
<hr/>			
	H. O. Shop supplies,	11	
	<u>Total Supplies,</u>		2 15
	<u>Total Current Month,</u>		133 84
<u>REPAIRING LAUNDER &amp; DRIFT.</u>			
Carpenter,	1, 1/2 days at 2.30,	3 45	
Carpenter,	1, 1/2 " " 2.10,	3 15	
Foreman,	1 "	2 05	
Laborers,	21, 1/2 " " 1.65,	35 46	
Laborers, (boy)	3 " " 1.45	4 35	
	<u>Total repairing Launder,</u>		48 46
	<u>Total Pumping Expense for Month.</u>		\$182 30



CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF SEPT. 1902.

Pumping Expense.					
2 Pumpmen,	60 days at 2.05,	123	00		
1 Machinist,	1 "	2	45		
1 Pipeman,	1 "	2	10		
	Total Labor,			127	55
1/2 Lb.	Asbestos wick, .15		22		
7 "	Sq.R.Packing, .45	3	15		
10 Gals.	Cyl oil, .29	2	90		
5 "	Kerosene, .10		50		
	Total Supplies,			6	77
	Total Current Month,				134 32
CLEANING LAUNDER & DRIFT,					
1 Foreman,	1 day	2	05		
2 Laborers,	13 " at 1.65,	21	45		
	Total Clng. Laundry,				23 50
	Total Pumping Expense for Month,				157 82

CLEVELAND IRON MINING CO.

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF OCTOBER, 1902.

Pumping Expense.					
2 Pumpmen,	62 days at 2.05	127	10		
1 Machinist,	1 " "	2	45		
1 Pipeman,	1 " "	2	10		
1 Laborer,	1 " "	1	65		
H. O. Machine shop,	4 hours,		74		
H. O. Blacksmith "	4 "		84		
Total Labor,				134	83
12 Gals. Cyl. oil,	.29	3	48		
5 " Kerosene,	.12		60		
3 lbs. C & J Valves,	.90	2	70		
H. O. Shop supplies,			33		
Total Supplies,				7	11
Total Current month,					141 99
Cleaning Ditches East End.					
1 laborer,	2 days at 1.65	3	30		
1 " (boy)	2 " 1.45	2	90		
Total cleaning ditches					6 20
Total pumping Expense for month					148 19

CLEVELAND IRON MINING COMPANY

STATEMENT OF EXPENSE, LAKE ANGELING DRAINAGE, MONTH OF NOVEMBER 1902.

<u>Pumping Expense</u>							
2 Pumpmen	60 days at	2.05		123.00			
1 Machinist	4 " "	2.45		9.80			
1 Pipeman	1 "			2.10			
1 "	1 "			2.05			
1 Laborer	8 " "	1.65		13.20			
Blacksmith	8 hours			1.24			
H.O. Machinshop	2 "			.47			
<u>Total Labor</u>						151.86	
10 Lbs Colored Waste		6		.60			
2 Lantern Globes		5		.10			
6-1/2 Lbs. Rainbow		50		3.25			
112 Feet 10" Timber		5		5.60			
20 Gal. Cylinder Oil		29		5.80			
11 Gal. Kerosene		12		1.32			
Shop Labor & Teaming				.16			
499 <sup>980</sup> Tons Coal		3.19 <sup>53</sup> / <sub>100</sub>		1586.25			
<u>Total Supplies</u>						1603.08	
<u>Total Current Month</u>							1754.94



CLEVELAND IRON MINING COMPANY

STATEMENT OF EXPENSE, LAKE ANGELING DRAINAGE, MONTH OF NOVEMBER 1902.

<u>Pumping Expense</u>			
2 Pumpmen	60 days at 2.05	123.00	
1 Machinist	4 " " 2.45	9.80	
1 Pipeman	1 "	2.10	
1 "	1 "	2.05	
1 Laborer	8 " " 1.65	13.20	
Blacksmith	8 hours	1.24	
H.O. Machinshop	2 "	.47	
<u>Total Labor</u>			151.86
10 Lbs Colored Waste	6	.60	
2 Lantern Globes	5	.10	
6-1/2 Lbs. Rainbow	50	3.25	
112 Feet 10" Timber	5	5.60	
20 Gal. Cylinder Oil	29	5.80	
11 Gal. Kerosene	12	1.32	
Shop Labor & Teaming		.16	
499- <del>980</del> Tons Coal	3.19 <sup>53</sup> / <sub>100</sub>	1586.25	
<u>Total Supplies</u>			1603.08
<u>Total Current Month</u>			1754.94

CLEVELAND IRON MINING COMPANY

STATEMENT OF EXPENSE, LAKE ANGELINE DRAINAGE, MONTH OF DECEMBER 1902.

				<u>Pumping Expense</u>			
2	Pumpmen	62 days at 2.05		127.10			
	Blacksmith labor	8 hours		5.09			
	Machinshop labor	2 "		.48			
					<u>Total Labor</u>		132.67
12	2-1/2 x 1/2 Bolts		2	.24			
6	2 x 1/2 "		2	.12			
1	Lamp Burner			.42			
6	Gal. Cylinder oil		29	1.74			
11	Gal. Kerosene		12	1.32			
	Shop Labor & Teaming			.20			
	H. O. Shops			.09			
501022	Tons Coal		2.45	123.75			
	(Adjusting coal for year on)						
	(basis of contract 600 tons)						
	(at \$5.10 )						
					<u>Total Supplies</u>		127.88
					<u>Total Current Month</u>		260.55



CLEVELAND IRON MINING Co. And LAKE SUPERIOR IRON CO .

Statement of Expense of Pumping at Lake Angeline from January 1st, 1902  
To December 31st. 1902.

Actual Cost of Pumping, expense repairs  
etc as per copy of itemized statements  
hereto attached 3987.79

Figured on Basis of Tons Mined during  
Year As Follows:

C.I.M.Co. prop.-	484432 tons	71.31%	2843.69	
L.S.I.Co. "	<u>194895</u>	"	<u>28.69%</u>	<u>1144.10</u>
	679327	100 %	3987.79	3987.79

Average date of Payment made by the  
Cleveland Iron Mining Co. July 13th.

\$3987.79 at 6% per annum for 6 mo. 19 day 131.85

L.S.I.Co.s prop. of interest - 28.69% 37.83

L.S.I.Co.s " " expense - 28.69% 1144.10

Total Due from Lake Superior Iron Co. 1181.93



COPY

Statement showing the amount of iron ore mined from under the  
bed of Lake Angeline, as per the map attached, by the Lake Superior  
Iron Company from January 1st 1902 to December 31st. 1902. (194,895 Tons)  
One Hundred Ninety-four Thousand, Eight Hundred and Ninety-five Tons.

LAKE SUPERIOR IRON COMPANY.

(Signed) W. H. Johnston  
Agent.

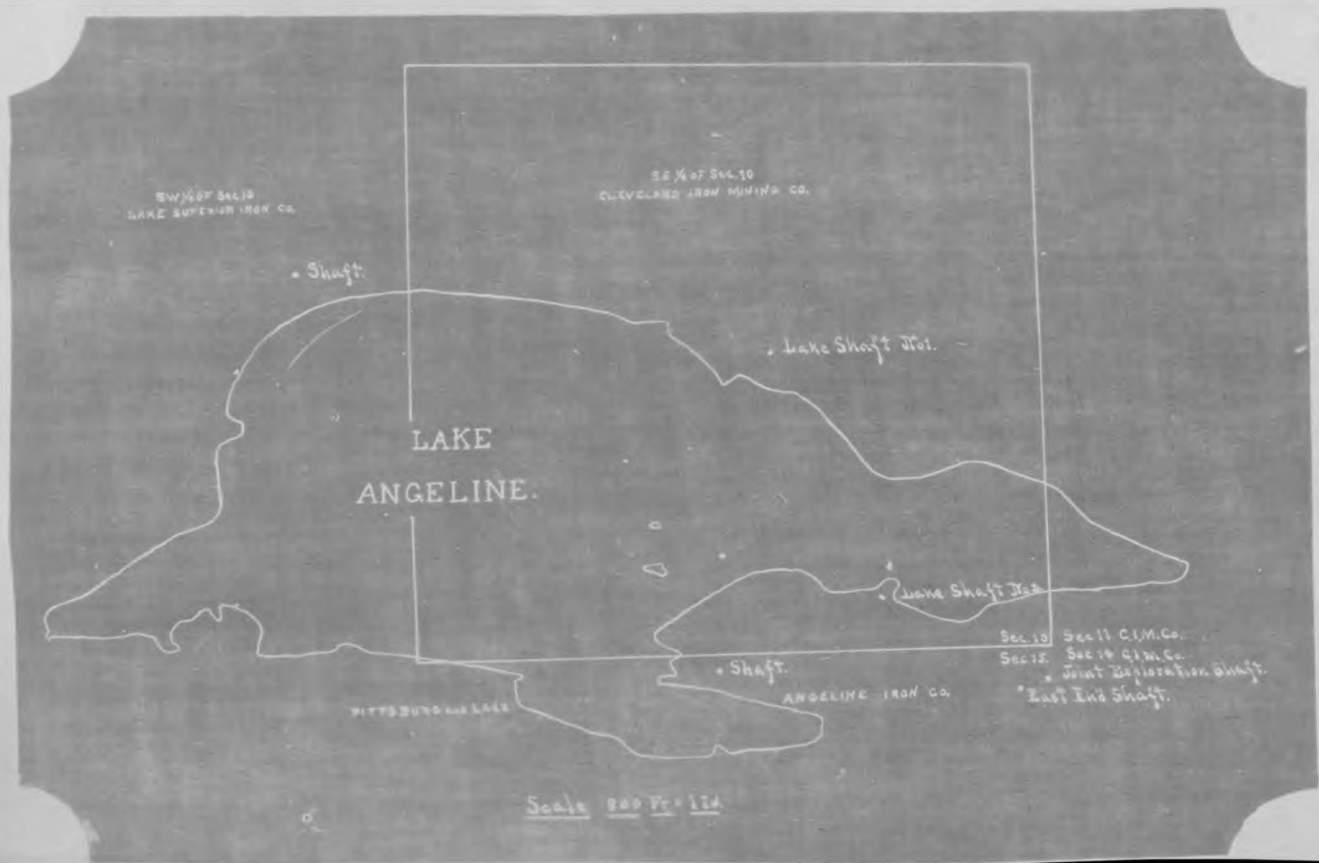
State of Michigan )  
                          ) SS.  
County of Marquette)

On this 27th day of January 1903  
personally appeared before me W. H. Johnston and  
stated that he is the Agent of the Lake Superior Iron Company, and  
that the above statement is true and correct to the best of his knowledge  
and belief.

(Signed) Daniel D. Smith  
Notary Public.

MAP OF LAKE ANGELINE  
 SHOWING EXTENT BEFORE BEING DRAINED

For use in determining the amount of ore taken out from the land  
 so originally covered by said lake, owned respectively by the Lake  
 Superior Iron Company and the Cleveland Iron Mining Company.



CLEVELAND IRON MINING CO. And LAKE SUPERIOR IRON COMPANY.

ACCOUNT LAKE ANGELINE DRAINAGE, PUMPING EXPENSE .

1902.

January	31st.	As per copy attached	506.78
February	28th.	" " " "	139.13
March	31st.	" " " "	297.89
April	30th.	" " " "	155.11
May	31st.	" " " "	136.61
June	30th.	" " " "	136.68
July	31st.	" " " "	311.79
August	31st.	" " " "	182.30
September	30th.	" " " "	157.82
October	31st.	" " " "	143.19
November	30th.	" " " "	1754.94
December	31st.	" " " "	<u>260.55</u>
		<u>Total</u>	3987.79



CLEVELAND IRON MINING COMPANY

Laboratory Statement Year ending November 30th., 1902.

Cost for Labor & Supplies: Number & Cost per Determination.

		Labor		Supplies		Total		No.Dets	Cost Per Det
December	1901	234	60	50	43	285	03	3133	.0909
January	1902	237	90	118	13	356	03	3250	.1095
Febuary	"	234	60	86	48	321	08	3082	.1042
March	"	236	25	97	03	333	28	3070	.0085
April	"	236	25	61	22	297	47	2901	.1025
May	"	237	90	75	72	313	62	3401	.0922
June	"	236	45	36	77	273	22	3068	.0890
July	"	236	50	192	12	428	62	3372	.1275
August	"	239	62	90	82	330	44	3466	.0953
September	"	235	88	72	67	308	55	3868	.0791
October	"	235	50	64	90	300	40	3737	.0804
November	"	229	50	21	47	250	97	2742	.0915
<u>Total</u>		2830	95	967	76	3798	71	39090	.0972
<u>Total 1901</u>		2801	25	1038	23	3839	48	35142	.1092

The Work Done For Various Mines And Cost For Determination Is As Follows:

	No.Dets.	Avg. Cost Per Det.	Amount
Hard Ore	1817	.0939	170 69
Lake	14265	.0972	1386 73
Cliffs Shaft	8756	.0984	862 09
Salisbury	12416	.0968	1202 01
Foster	8	.1062	85
Tilden	26	.0984	2 56
Maas	380	.1038	39 37
Ashland	41	.0902	3 92
Michigamme	46	.0959	4 41
Abbotsford <i>6m</i>	20	.1050	2 10
Volunteer	234	.0996	23 29
Swanzy	583	.0808	47 14
Special	498	.1073	53 55
<u>Total 1902</u>	39090	.0972	3798 71
<u>Total 1901</u>	35142	.1092	3839 48

Total 1901	22142	.1092	2229 49
Total 1902	20090	.0973	2038 71

200000	438	.1072	22 22
200000	282	.0808	44 14
200000	224	.0826	22 20
200000	20	.1020	8 10
200000	42	.0922	4 41
200000	41	.0902	3 28
200000	280	.1022	20 24
200000	22	.0824	8 22
200000	3	.1022	32
200000	12412	.0928	1202.01
200000	2422	.0924	222 02
200000	14222	.0942	1222 42
200000	1214	.0922	110 22
200000	No. Defs.	Per Def.	Amount
200000	VAR. Cost		

The Work Done For Various Mines And Cost For Depreciation Is

AS FOLLOWS:

Total 1901	2201 22	1022 22	2222 42	22142	.1092
Total	2220 22	222 42	2422 41	22090	.0972

November	"	222 20	21 41	220 24	2442	.0212
October	"	222 20	24 20	200 40	2424	.0204
September	"	222 22	42 24	202 22	2222	.0201
August	"	222 22	20 22	220 44	2422	.0222
July	"	222 20	122 12	422 22	2242	.1242
June	"	222 42	22 41	242 22	2022	.0220
May	"	224 20	42 42	212 22	2401	.0222
April	"	222 22	21 22	224 44	2201	.1022
March	"	222 22	24 02	222 22	2040	.0222
February	"	224 20	22 42	221 02	2022	.1042
January	1902	224 20	112 12	222 02	2222	.1022
December	1901	224 20	20 42	222 02	2122	.0202

Cost For Labor & Supplies: Number & Cost Per Depreciation.

Laboratory Statement Year ending November 30th., 1902.

CLEVELAND IRON MINING COMPANY

# Cleveland Iron Mining Co.

Laboratory Statement  
1902.

L A K E M I N E

REPORT OF OPERATING AND MAINTENANCE OF ELECTRIC HAULAGE PLANT

FOR THE YEAR ENDING NOVEMBER 30th, 1902

OPERATING	LABOR		SUPPLIES		TOTAL COST PER CAR			
							1902	1901
Motor & Brakeman	9024	81	227	99	9252	80	.055	.068
Chutemen	11227	96	564	25	11792	21	.070	.080
Oiling & Repairing cars	574	89	247	67	822	56	.005	.005
Prop. of Engine House expense	1733	28	4061	12	5794	40	.035	.043
<u>Total</u>	<u>22560</u>	<u>94</u>	<u>5101</u>	<u>03</u>	<u>27661</u>	<u>97</u>	<u>.165</u>	<u>.196</u>
Cost per car 1902	.135		.030		.165			
Cost per car 1901	.157		.039		.196			
<u>Divided as follows</u>								
3105 cars Filling Rock	413	93	93	54	507	47	.165	.199
9215 " Trammig "	1235	50	278	83	1514	33	.164	.197
151313 " " Ore	20416	49	4617	20	25033	69	.165	.196
3672 " " Timber	495	02	111	46	606	48	.166	.196
167305 " Total 1902	22560	94	5101	03	27661	97	.165	.196
172721 " " 1901	26652	28	6540	15	33192	43		.196
<u>FILLING ROCK 3105 CARS</u>								
Prop. of Motor expense	413	93	93	54	507	47	.163	.199
Expense of Putting Away	2204	08	50	05	2254	13	.726	.684
<u>Total</u>	<u>2618</u>	<u>01</u>	<u>143</u>	<u>59</u>	<u>2761</u>	<u>60</u>	<u>.889</u>	<u>.883</u>
Trammig Rock 9215 cars	1235	50	278	83	1514	33	.164	.196
<u>TRAMMING ORE 472577 TONS</u>								
Proportion of Motor expense	20416	49	4617	20	25033	69	.054	.061
Trammig & Skip Tending	4338	49	204	77	4543	26	.009	.007
<u>Total</u>	<u>24754</u>	<u>98</u>	<u>4821</u>	<u>97</u>	<u>29576</u>	<u>95</u>	<u>.063</u>	<u>.068</u>
<u>Total Tonnage 472577</u>								
<u>TRAMMING TIMBER 3672 Cars</u>								
Prop. of Motor Expense	495	02	111	46	606	48	.165	.196
<u>Grand Total</u>	<u>29103</u>	<u>51</u>	<u>5355</u>	<u>85</u>	<u>34459</u>	<u>36</u>	<u>.206</u>	<u>.278</u>
<u>MAINTENANCE OF PLANT</u>								
Electric Engine	71	26	51	20	122	46	.001	.000
Motors	2306	75	2313	15	4619	88	.028	.018
Wiring	218	97	188	01	406	98	.002	.004
Main Line tracks & Cars	2740	44	1336	08	4076	52	.024	.044
Total Maintenance cost	5337	40	3888	44	9225	84	.055	.066
Total Operating cost	22560	94	5101	03	27661	97	.165	.196
<u>Grand Total</u>	<u>27898</u>	<u>34</u>	<u>8989</u>	<u>47</u>	<u>36887</u>	<u>81</u>	<u>.220</u>	<u>.262</u>
Cost per car exc. of 3rd level	.167		.053		.220			
Cost per car for 1901	.196		.066		.262			
<u>Decrease for 1902 exc. of 3rd level</u>	<u>.029</u>		<u>.013</u>		<u>.042</u>			

Decreases	100.000	84	881	OS	13	66	17	731.
Costs	100.880	88	9184	LI	238	27	3028	981.
Costs	100.800	86	904	LI	881	78	218	980.
Costs	440.480	82	3704	OS	232	44	9478	830.
Costs	300.250	48	2838	LI	888	40	723	
Costs	321.281.	76	18678	OS	101	34	60288	
Costs	338.088.	18	76838	LI	888	24	82878	

**Cleveland Iron Mining Co.**  
*Report of Operating and Maintenance of Shulagst Kluit Lake Mine*

Proprietor	100.420.	68	28088	OS	1184	64	61408
Partners	100.600.	38	2424	LI	408	64	8224
Partners	330.230.	32	37268	OS	1884	80	42878

Costs	331.281.	76	18678	OS	101	34	60288
Costs	338.088.	18	76838	LI	888	24	82878

FOR THE YEAR ENDING NOVEMBER 30TH, 1902

REPORT OF OPERATING AND MAINTENANCE OF ELECTRIG HARDAGE PLANT

T A K E N I N E



CLEVELAND IRON MINING COMPANY

Detail of Accounts Receivable, November 30th, 1902.

REPRESENTATIVE ACCOUNTS RECEIVABLE

Unearned Premiums, Boiler Insurance	199.99	
Unearned Premiums, Fire Insurance	<u>383.46</u>	
Total		583.45

ACCOUNTS RECEIVABLE

Paymaster's Account	44.54	
F.B.Ross, Clerk	500.00	
Revenue Tax	15.39	
Cleveland Cliffs Iron Co.	1785.20	
Iron Cliffs Company	2030.15	
J.H.Quinn	30.00	
D.J.Ryan	23.00	
Superior Postman	100.00	
Lake Shore Engine Works	5.10	
Iron Cliffs Co.,	.13	
Pittsburg & Lake Angeline Iron Co.	17.90	
Rev. C.D.Atwell	60.00	
Lindberg & Hall	7.70	
And. Lindberg	13.83	
Pickands, Mather & Co.	7.22	
Dalton Packing Co.	25.31	
Ishpeming Steam Laundry	12.00	
Aug. Bean	92.29	
Standard Oil Co.	10.50	
Marquette & Ishpeming Electric Co.	6.80	
Geo. J. Maas	28.15	
Ishpeming-Munising Co.	11.01	
Lindberg Bros.	1.90	
A. Hassenberg	1.25	
F.W. Read & Co.	1.94	
Ideal Plumbing Co.	2.08	
Lake Superior & Ishpeming Ry.	6850.51	
Lake Superior Iron Co.	931.83	
Pioneer Iron Co.	5.65	
Lake Superior Iron & Metal Co.	777.63	
C.L. Anderson	17.48	
Consolidated Fuel & Lumber Co.	8.10	
Henry Lirette	108.41	
F.B. Spear & Sons	.41	
Thompson & Hodgkins	45.10	
James Anderson	.60	
Long Distance Telephone Coupons	2.76	
Pioneer Iron Co.	<u>2.90</u>	
Total		<u>13584.77</u>
Grand Total		14168.22

15



13384.77  
 33,834.11

Total Debits

Total

Broner, Iron Co.  
 Long Distance Telephone Company  
 James Anderson  
 Thompson & Hodgkins  
 E. B. Best & Sons  
 Henry Willette  
 Consolidated Fuel & Lumber Co.  
 C. L. Anderson  
 Lake Superior Iron & Metal Co.  
 Broner, Iron Co.  
 Lake Superior Iron Co.  
 Lake Superior & Iron Mining Co.  
 Ideal Lumber Co.  
 E. W. Best & Co.  
 A. Hasenpferg  
 Lindberg Bros.  
 Iron Mining Company  
 Geo. J. Mera  
 Weldette & Iron Mining Electric Co.  
 Standard Oil Co.  
 Wm. Best  
 Iron Mining Steam Heating  
 Boston Lumber Co.  
 Dickson, Mettel & Co.  
 Wm. Lindberg  
 Lindberg & Hall  
 Best, C. D. & McCall  
 Bittarick & Lake Vulgeline Iron Co.  
 Iron Cliffs Co.  
 Lake Shore Engine Works  
 Superior Lumber  
 D. J. Ryan  
 J. H. Smith  
 Iron Cliffs Company  
 Cleveland Cliffs Iron Co.  
 Keenan Lumber  
 E. B. Best, Clerk  
 Manufacturers Account

06.8  
 37.5  
 03.  
 01.24  
 14.  
 14.801  
 01.8  
 84.71  
 23.777  
 22.8  
 28.128  
 13.022  
 80.8  
 46.1  
 23.1  
 08.1  
 10.11  
 21.33  
 3.80  
 10.20  
 33.32  
 13.00  
 22.21  
 22.21  
 13.82  
 1.40  
 00.00  
 17.30  
 12  
 10  
 100.00  
 32.00  
 30.00  
 3030.12  
 1782.50  
 12.22  
 200.00  
 44.24

ACCOUNTS RECEIVABLE

Total

Unsettled Premiums, Fire Insurance  
 Unsettled Premiums, Boiler Insurance

382.44  
 158.88

UNSETTLED PREMIUMS RECEIVABLE

Deficit of Accounts Receivable, December 30th, 1902

CLEVELAND IRON MINING COMPANY

Cleveland Iron Mining Co.

Accounts Receivable

Nov 30, 1902

Debit

282.44

CLEVELAND IRON MINING COMPANY

Detail of Accounts Payable, November 30th, 1902.

REPRESENTATIVE ACCOUNTS PAYABLE

Vou.No.			
	Hard Ore	Benefit	3859.21
	Hard Ore	Suspense	3859.21
	Lake	Benefit	4921.99
	Lake	Suspense	5121.99
	General	Benefit	895.77
	General	Suspense	885.97
	Hard Ore	Brass Checks	134.25
	Lake	Brass Checks	608.25
		Total	20286.64

ACCOUNTS PAYABLE

	Accrued Taxes Unpaid	30929.01
	Pay Rolls	30693.91
	Bills Audited	2008.80
9289	Duluth South Shore & Atl.Ry	13.45
9290	Grant Chemical Co.	10.69
9291	Negaunee Land Dept.	112.00
9292	Chicago & North Westn.Ry.	1.22
9293	Lake Superior & Ishpg.Ry.	.25
9294	Richmond & Backus Co.	8.08
9295	Western Union Teleg.Co.	26.62
9296	Postal Telegraph Cable Co.	5.83
9297	American Express Co.	10.37
9298	Western Express Co.	5.00
9299	Wadhams Oil & Grease Co.	1.71
9300	Crucible Steel Co.	28.18
9301	Jeffrey Manfg.Co.	14.85
9302	Gutta Percha & Rubber Co.	7.71
9303	Eugene Dietzgen	15.54
9323	Ward & Williams	32.34
9324	M.M.Duncan, Agent	27.53
9325	Fred P.Tillson	2.52
9326	Thompson & Hodgkins	35.00
9327	T.H.Dawson	8.50
9328	J.C.Altachwager	3.50
9329	Wm.T.Cole	2.00
9330	Ishpeming Steam Laundry	2.52
9331	Mrs. Celia Northey	4.30
9332	Michigan Telephone Co.	4.76
9333	Long Distance Telephone Co.	2.76
9334	Fred J.Eggan	4.00
9335	Herman Lature	16.20
9336	Swanson,Warnberg & Co.	1.25
9337	Ishpeming City Water Works	3.50
9338	H.F.Heyn	31.03
9339	Ishpeming City Sewer Fund	20.63
9340	Ed Girze	4.00
9341	Ole Walseth	2.50
9342	Jabez Stephens	34.00
9343	Ideal Plumbing Co.	.75
9344	Patrick Lyons	16.00
9345	Chicago & North Westn.Ry.	23.44
9346	H.J.Adams	3.00
9347	Geo.A. Newett	21.15
9348	Chas.A.Eggera	29.50
9349	The Peninsula Record Pub.Co	6.00
9350	Henry Harwood	.35
9352	Thoney Bros.	.75
	Forward	63631.72
		20286.64

ACCOUNTS PAYABLE

(Continued)

	Brot Ford	63631.72	20286.64
9353	I.E.Swift & Co.	42.99	
9354	Marshall Wells Hardware Co.	5.56	
9355	The Standard Calorimeter Co	3.00	
9356	The W.Bingham Co.	18.63	
9357	The Felix F.Dam Dupl.Co.	2.00	
9358	General Electric Co.	22.90	
9359	Gregory, Mayer & Thom.Co.	23.70	
9360	Geo.M.Eddy & Co.	24.00	
9361	Lake Superior & Ishpg.Ry.	3.00	
9363	J.T.Burke	4.00	
9364	Lake Shore Engine Works	27.45	
9365	A.J.Yungbluth, Treasurer	75.00	
9367	James Dickands & Co.	2.37	
9368	Ole Olson	32.96	
9369	Peter White & Co. Agents	27.36	
9370	Garfield Club	24.40	
9372	Frech & Vandeventer	697.00	
9373	A.B.Miner, Cashier	29.00	
9374	Iron Cliffs Co.	25.50	
9375	Cleveland Cliffs Iron Co.		
	Land Department	19.00	
9376	Iron Cliffs Co.	272.10	
9377	Chicago & Northwestern Ry.	21.59	
	Ishpeming Water Works		68.50
	Lake Superior Iron Co.		1084.86
	Estate of Daniel Beechen		500.00
	Estate of Mat Besola "P"		500.00
	Alex. Nelson		95.00
	Estate of S.Lapola		419.50
	Total	<u>68.50</u>	<u>66299.58</u>
	Grand Total		86586.22

# Cleveland Iron Mining Co.

## Accounts Payable

Nov 30, 1902 ✓

Dept. M & M

86,000.00  
86,000.00

86,000.00

100.00  
100.00  
100.00  
100.00

100.00

100.00

100.00

3222	100.00	100.00	100.00	100.00	100.00
3223	100.00	100.00	100.00	100.00	100.00
3224	100.00	100.00	100.00	100.00	100.00
3225	100.00	100.00	100.00	100.00	100.00
3226	100.00	100.00	100.00	100.00	100.00
3227	100.00	100.00	100.00	100.00	100.00
3228	100.00	100.00	100.00	100.00	100.00
3229	100.00	100.00	100.00	100.00	100.00
3230	100.00	100.00	100.00	100.00	100.00
3231	100.00	100.00	100.00	100.00	100.00
3232	100.00	100.00	100.00	100.00	100.00
3233	100.00	100.00	100.00	100.00	100.00
3234	100.00	100.00	100.00	100.00	100.00
3235	100.00	100.00	100.00	100.00	100.00
3236	100.00	100.00	100.00	100.00	100.00
3237	100.00	100.00	100.00	100.00	100.00
3238	100.00	100.00	100.00	100.00	100.00
3239	100.00	100.00	100.00	100.00	100.00
3240	100.00	100.00	100.00	100.00	100.00
3241	100.00	100.00	100.00	100.00	100.00
3242	100.00	100.00	100.00	100.00	100.00
3243	100.00	100.00	100.00	100.00	100.00
3244	100.00	100.00	100.00	100.00	100.00
3245	100.00	100.00	100.00	100.00	100.00
3246	100.00	100.00	100.00	100.00	100.00
3247	100.00	100.00	100.00	100.00	100.00
3248	100.00	100.00	100.00	100.00	100.00
3249	100.00	100.00	100.00	100.00	100.00
3250	100.00	100.00	100.00	100.00	100.00
3251	100.00	100.00	100.00	100.00	100.00
3252	100.00	100.00	100.00	100.00	100.00
3253	100.00	100.00	100.00	100.00	100.00
3254	100.00	100.00	100.00	100.00	100.00
3255	100.00	100.00	100.00	100.00	100.00
3256	100.00	100.00	100.00	100.00	100.00
3257	100.00	100.00	100.00	100.00	100.00
3258	100.00	100.00	100.00	100.00	100.00
3259	100.00	100.00	100.00	100.00	100.00
3260	100.00	100.00	100.00	100.00	100.00
3261	100.00	100.00	100.00	100.00	100.00
3262	100.00	100.00	100.00	100.00	100.00
3263	100.00	100.00	100.00	100.00	100.00
3264	100.00	100.00	100.00	100.00	100.00
3265	100.00	100.00	100.00	100.00	100.00
3266	100.00	100.00	100.00	100.00	100.00
3267	100.00	100.00	100.00	100.00	100.00
3268	100.00	100.00	100.00	100.00	100.00
3269	100.00	100.00	100.00	100.00	100.00
3270	100.00	100.00	100.00	100.00	100.00
3271	100.00	100.00	100.00	100.00	100.00
3272	100.00	100.00	100.00	100.00	100.00
3273	100.00	100.00	100.00	100.00	100.00
3274	100.00	100.00	100.00	100.00	100.00
3275	100.00	100.00	100.00	100.00	100.00
3276	100.00	100.00	100.00	100.00	100.00
3277	100.00	100.00	100.00	100.00	100.00
3278	100.00	100.00	100.00	100.00	100.00
3279	100.00	100.00	100.00	100.00	100.00
3280	100.00	100.00	100.00	100.00	100.00
3281	100.00	100.00	100.00	100.00	100.00
3282	100.00	100.00	100.00	100.00	100.00
3283	100.00	100.00	100.00	100.00	100.00
3284	100.00	100.00	100.00	100.00	100.00
3285	100.00	100.00	100.00	100.00	100.00
3286	100.00	100.00	100.00	100.00	100.00
3287	100.00	100.00	100.00	100.00	100.00
3288	100.00	100.00	100.00	100.00	100.00
3289	100.00	100.00	100.00	100.00	100.00
3290	100.00	100.00	100.00	100.00	100.00
3291	100.00	100.00	100.00	100.00	100.00
3292	100.00	100.00	100.00	100.00	100.00
3293	100.00	100.00	100.00	100.00	100.00
3294	100.00	100.00	100.00	100.00	100.00
3295	100.00	100.00	100.00	100.00	100.00
3296	100.00	100.00	100.00	100.00	100.00
3297	100.00	100.00	100.00	100.00	100.00
3298	100.00	100.00	100.00	100.00	100.00
3299	100.00	100.00	100.00	100.00	100.00
3300	100.00	100.00	100.00	100.00	100.00

(Continued)

ACCOUNTS PAYABLE

CLEVELAND IRON MINING COMPANY

Statement of charges to "Hard Ore Location" Account for Year  
Ending November 30th, 1902.

GENERAL EXPENSE	LABOR	SUPPLIES	TOTAL	TOTAL PRE.YR
Fire Insurance		142.41	142.41	144.96
Taxes		7641.65	7641.65	4924.08
MISCELLANEOUS			Stables' 2.63	
Surface "Cleaning"	109.84	84.91	194.75	293.30
Shop Buildings	43.25	9.34	52.59	264.80
Shop Machinery (see detail)	120.06	2032.57	2152.63	1610.85
TOTAL	273.15	9910.88	10184.03	7240.62
DETAIL OF SHOP MACHINERY EXPENSE				
1 Double Spindle Lath & )				
1 24" Chuck )				1920.10
Miscellaneous shop tools, Belting )				
Setting up Machinery etc )				112.47
Total Shop Machinery				2032.57

17



# Cleveland Iron Mining Co.

*Statement of Charges to  
Herd Ore Location*

STATEMENT OF CHARGES TO "HERD ORE LOCATION" ACCOUNT FOR YEAR

CLEVELAND IRON MINING COMPANY

Ending November 30th, 1908.

GENERAL EXPENSE	FABROR SUPPLIES	TOTAL	TOTAL PRE. YR
Fire Insurance	148.47	148.47	144.00
REPAIRS	4871.82	4871.82	4334.08
MISCELLANEOUS	84.91	134.42	332.20
Shop Machinery (see detail)	180.06	2123.02	1910.32
Shop Buildings	42.32	22.23	284.30
Shop "Cleaning"	103.24	134.42	332.20
TOTAL	242.72	2310.88	10134.02
			4340.62

## DETAILS OF SHOP MACHINERY EXPENSE

Setting up Machinery etc	Total Shop Machinery	3023.24
Miscellaneous shop tools, belting )		112.44
1 84" Chuck )		1250.10
1 Double Spindle Lathe & )		

CLEVELAND IRON MINING COMPANY

SECOND ADDITION LOCATION

STATEMENT OF RENTED HOUSES, SHOWING RENT RECEIVED  
COST OF REPAIRS ETC. FOR THE YEAR ENDING  
NOVEMBER 30TH.1902

HOUSE NO.	PRESENT OCCUPANT 2nd.Addition	LOT NO.	RENT RECD.	RE-PAIRS	INS-UR-ANCE	TAXES	TOTAL EXPENSE
1	Jos. Hocking		12 00		4 00		4 00
2	Jas. Trembath		40 00		4 00		4 00
3	Jos. Vanilla		105 00		3 50		3 50
4	Peter Nelson		14 00		3 50		3 50
5	Chas. Wallim		105 00		3 50		3 50
6	Chas. Erickson		90 00		3 50		3 50
7	Helmer Kingstrand		18 00		3 50		3 50
8	John Trace (Out)		65 00		3 50		3 50
9	Jos. Hocking "		90 00		3 50		3 50
10	John Trace		40 00		3 50		3 50
11	Abram Couch		25 00		3 50		3 50
12	Mat Thompson		97 50		3 50		3 50
13	Jas. Tucker		54 35		3 50		3 50
14	Wm. Luke		100 00		3 50		3 50
15	Frank Johnson		73 50		3 50		3 50
16	Chas. Welland		20 00		3 50		3 50
17					3 50		3 50
18	H.L. Ramsdell		59 00		3 50		3 50
19	Albert H. Wilson		48 00		4 00		4 00
20	Gust. Holmaren		52 50		4 00		4 00
	<b>TOTAL</b>		<b>1108 85</b>		<b>72 00</b>		<b>72 00</b>
			<u>1902</u>				
	Net Earnings		1036 85				
	Per cent earnings on Valuation		7.2%				
	Insurance Valuation		14400 00				

CLEVELAND IRON MINING COMPANY

HARD ORE LOCATION

STATEMENT OF RENTED HOUSES, SHOWING RENT RECEIVED, COST OF  
REPAIRS ETC. YEAR ENDING NOVEMBER 30TH., 1902.

HOUSE NO.	PRESENT OCCUPANT	LOT NO.	RENT RECD.	RE-PAIRS		IN-SUR-ANCE		TAXES		TOTAL EXPENSE
1	Louis Bissonette	1	60 00	5	22	2	50			7 72
2	John Seaberg	2	48 00	9	12	1	25			10 37
3	Matt Aho	13	48 00		68	2	50			3 18
4	C.P.Sjolander	15	92 00	16	59	2	00			18 59
5	Fred Saunders	16	79 00	7	45	2	00			9 45
6	And.Faudrum	17	19 75				67			67
	(Sold to Faudrum 4-21-02)									
8	And.Wallenstein (House Moved)	19	48 00	678	93	3	00			681 93
9	Phillip Pepin	23	84 00	8	72	4	00			12 72
11	Henry Osier	25	60 00	34	14	2	00			36 14
14	Thos.D.Wearne	28	60 00	7	00	2	00			9 00
15	Henry Lerette	29	60 00	13	13	2	00			15 13
16	Claus Johnson	30	60 00	23	76	1	50			25 26
17	James Trevick	31	48 00		09	1	75			1 84
18	John Hennesy	32	60 00	20	24	1	25			21 49
19	Isaac Maas	33	60 00			1	25			1 25
21	Will E.McKee	49	120 00	36	80	7	50			44 30
24	Fred Vogtlin	56	60 00	6	17	2	00			8 17
25	Steve Moyle	57	60 00	9	00	2	00			11 00
26	Rich Lenin )	58	60 00							
26	John Lenin Jr. )	58	36 00	34	40					
26	Stephen Moyle )	58	41 50	5	85	7	50			47 75
27	Jac. Christian	59	60 00	31	72	2	00			33 72
28	A.P.Peterson	60	60 00	10	67	2	00			12 67
28	Mrs. Nichols	61		10	86	2	00			12 86
30	Abe Cox	62	60 00	11	09	2	00			13 09
31	J.F.VanBrocklin	63	96 00	34	87	4	00			38 87
32	John Cox	64	87 50	14	00	3	00			17 00
33	Geo. Brederson	69	60 00			2	00			2 00
34	Alf. Bone	70	60 00	8	40	2	00			10 40
35	John Gill	71	60 00	17	94	2	00			19 94
36	Manni Eskila )	72	51 50	21	10					
36	Wm.Asikainen )	72	47 00			2	00			23 10
37	Fred J.Baker	79	96 00	8	47	9	00	28	60	46 17
38	Alf. Collick	80	88 00	81	60	7	50	25	74	114 84
<u>TOTAL</u>			2090 25	1168	11	88	17	54	34	1310 62
Amt.Recd.for lot rents and credited to house rents			2 50							
Agents Residence			240 00							
Ledger Balance			2332 75							
Total 1901			2081 25	797	04	89	50	49	91	936 45
Net Earnings of Year			1902 779 63	1901 1144 80						
Percent earnings on Insurance Valuation			% 4.46	% 6.4						
Insurance Valuation			17500 00	17900 00						

CLEVELAND IRON MINING COMPANY

HEMATITE MINE

STATEMENT OF RENTED HOUSES, SHOWING RENT RECEIVED  
COST OF REPAIRS ETC. FOR THE YEAR ENDING  
NOVEMBER, 30th., 1902

House NO.	PRESENT OCCUPANT	RENT RECD.		REPAIRS	INS-UR-ANCE	TAXES	TOTAL EXPENSE	
1	Cyrill Tourville	48	00		5	00		
2	James Parcoe	48	00		2	50		
3	Jac. Roslosnik )	18	00					
3	Wm. Deloria )	14	40		2	50		
7	Oscar Anderson	2	00		1	75		
8	Wm. Deloria	57	50		1	75		
TOTAL		187	90	30	13	50		13 80
		<u>1902</u>		<u>1901</u>				
Net earnings for year		174	10	70	83			
Per cent earnings on insurance valuation			% 6 45		% 2 60			
Insurance Valuation		2700	00	2700	00			

NOTE:- (No detail record kept )  
(with repairs of rented )  
(houses )

# Cleveland Iron Mining Co.

*Statement of Rented Houses  
 Had On Location Hematite &  
 Second Addition*

STATEMENT OF RENTED HOUSES, SHOWING RENT RECEIVED  
 NOVEMBER, 30<sup>th</sup> 1903

CLEVELAND IRON MINING COMPANY  
 HEMATITE MINE

OCCUPANT	RENT	REPAIRS	WAGE OR INS-	TAXES	EXPENSE TOTAL
TOTAL	183 30	30	13 50		13 30
W. J. JONES	24 50		7 50		
W. J. JONES	3 00		1 50		
W. J. JONES	14 40		3 50		
W. J. JONES	13 00				
W. J. JONES	48 00		3 50		
W. J. JONES	48 00		2 00		

NOTE:- (houses  
 with repairs or repairs)  
 (No detail record kept)

INSURANCE PREMIUM 3200 00 3200 00

RENTAGE PREMIUM 6 42 8 80

PER CENT EARNINGS ON IN- 144 10 10 32

NET EARNINGS FOR YEAR 1303 1301



CLEVELAND IRON MINING COMPANY

ANALYSIS OF IMPROVEMENT AND NEW CONSTRUCTION, NOV. 30TH, 1902.

	Inventy. Nov.30 1901		Expendtrs for Year		Total		Depretn. for Year		Inventy Nov.30 1902		Chrgdto Other Corpts	
Hard Ore Improvement												
Auxiliary Steam Pump			263	49	263	49	263	49				
Stock Pile Dock Ext.			1233	81	1233	81	1233	81				
<u>TOTAL</u>			1497	30	1497	30	1497	30				
<u>Lake Improvement</u>												
Fire protection			505	08	505	08	505	08				
Shop Equipment			4	69	4	69	4	69				
<u>TOTAL</u>			509	77	509	77	509	77				
<u>Lake New Constructn</u>												
Electric Power Machine	661	37			661	37	661	37				
Stocking Ore at Presque Isle	15178	16	3811	38	18989	54	13995	79	(	LS&I	Ry	
									(	4993	75	
<u>TOTAL</u>	15839	53	3811	38	19650	91	14657	16		4993	75	
No.4 Shaft			23317	71	23317	71	23317	71				
Lake Ang.Drainage New Launder	2793	72			2793	72	2793	72				
Pumping Exp.Cur.Year			4317	41	4317	41	3298	38		1019	03	LSIG
Opr.Plant No.2.LSICo.			1613	72	1613	72	1613	72				
<u>TOTAL</u>	2793	72	5931	13	8724	85	7705	82		1019	03	
Steam Shovel No.4 Lake	2364	46			2364	46	2364	46				
New Houses 2nd.Addtn.	20330	35	11115	83	31446	18	31446	18				
<u>GRAND TOTAL</u>	41328	06	46183	12	87511	18	81498	40		6012	78	
Total to Lake Mine					48554	92						
Total to Moro Mine					1497	30						
Total to LSICo.a/c LA. (Drainage					1019	03						
Total to LSICo.					4883	75						
Total to New Houses (2nd.Addtn					31446	18						
<u>TOTAL</u>					87511	18						

(Smd. Vdqm)  
 Total to New Houses  
 Total to PSICO.  
 (Distinns)  
 Total to PSICO. 7/9 IV.  
 Total to Moro Mine  
 Total to Lake Mine

21446 78  
 4882 22  
 1019 02  
 1492 20  
 48224 92

GRAND TOTAL

41338 08 48182 78 82217 78 81488 40

6018 22

New Houses Smd. Vdqm

30220 22 11112 82 21446 78 21446 78

Steam Shovel No. 4 Lake

2284 48

1019 02

TOTAL

Ord. Plant No. 2. PSICO.

1612 28 1612 28 1612 28

Pumping Exp. Cur. Year

4212 41 4212 41 2288 22

1019 02

New Pumping

2482 28

No. 4 Shaft

12222 22 2211 22 12222 22 14922 72

TOTAL

12222 22 2211 22 12222 22 14922 72

4882 22

Spoking One of

12112 72 2211 22 12222 22 12222 22

( 4882 22  
 1221 22

Electric Power Machine

821 22

821 22

Lake New Construction

TOTAL

202 22 202 22 202 22

No. 4 Shaft

4 22 4 22 4 22

1902

202 02 202 02 202 02

Lake Improvement

TOTAL

1492 20 1492 20 1492 20

Stack Pile Dock Exp.

1222 21 1222 21 1222 21

Vertical Steam Pump

222 40 222 40 222 40

Hard Ore Improvement

1901  
 Nov. 30  
 Inventory. 1901  
 1902  
 Nov. 30  
 Inventory. 1902  
 1901  
 Nov. 30  
 Inventory. 1901  
 1902  
 Nov. 30  
 Inventory. 1902  
 1901  
 Nov. 30  
 Inventory. 1901  
 1902  
 Nov. 30  
 Inventory. 1902

ANALYSIS OF IMPROVEMENT AND NEW CONSTRUCTION, NOV. 30TH, 1902.

CLEVELAND IRON MINING COMPANY

Cleveland Iron Mining Co.

Analysis of Improvement  
 and New Construction  
 1902

CLEVELAND IRON MINING COMPANY

SUMMARY OF DEPRECIATION LAKE MINE.

Improvement Account			509	77
New Construction			14657	16
No.4 Shaft			23317	71
Lake Angeline Drainage				
New Launder	2793	72		
Currant Pumping Expense from L.S.I.Co.	1613	72		
Opr. Plant No.2 L.S.I.Co.	4317	41		
<u>TOTAL ACCT.Lake Mine</u>			7705	82
Charged L.S.I.Co. their proportion (Of Current pumping expense	1019	03		
<u>TOTAL Lake Angeline Drainage</u>	9743	88		
No.4 Steam Shovel			2364	46
<u>TOTAL Lake as per statement</u>			48554	92
Depreciation of Inventory			687	73
<u>GRAND TOTAL</u>			49242	65
<u>DIVIDED AS FOLLOWS</u>				
Depreciation as per cost sheet	44330	55		
Cr. by Unclaimed wages	20	73		
Net Depreciation as per cost sheet			44309	82
Mining Expense Lake Ang. Drainage			4912	10
Adding Credit to balance above figures			20	73
<u>TOTAL</u>			49242	65

# Cleveland Iron Mining Co.

*Summary of Depreciation  
at Lake mine.  
1902*

GRAND TOTAL	48348 62	48348 62
Depreciation of Inventory	987 12	
TOTAL Lake as per statement	48254 92	
Depreciation as per cost sheet	44220 22	
ADDED AS FOLLOWS		
Depreciation as per cost sheet	30 12	
Depreciation as per cost sheet	4128 88	
MINING EXPENSE Lake and Drains	4012 10	
ADJUSTMENT TO BALANCE ABOVE FIGURES	30 12	
TOTAL	48348 62	

# Cleveland Iron Mining Co.

*Analysis of Improvement &  
New Construction*

GRAND TOTAL	1202 82	
TOTAL Lake as per statement	3242 88	
Depreciation of Inventory	1012 02	
Depreciation as per cost sheet	1202 82	
ADDED AS FOLLOWS		
Depreciation as per cost sheet	4212 41	
MINING EXPENSE Lake and Drains	1212 12	
ADJUSTMENT TO BALANCE ABOVE FIGURES	2282 12	
TOTAL	1202 82	

Improvement account	202 12
New Construction	1402 12
TOTAL	1604 24

SUMMARY OF DEPRECIATION LAKE MINE.  
CLEVELAND IRON MINING COMPANY

CLEVELAND IRON MINING COMPANY

REPORT OF OPERATING STEAM SHOVEL NO.4, SEASON 1902

	1902		1901	
Number of Days Shovel Worked	164		131	
Average No. hours worked per Day	5	27	4	70
Total number Tons Loaded	311051		180068	
Average Tons per Day Loading	1896		1375	
Number of Men Working with Shovel	11		10	
Average Tons per man per Day	172		137	5
Average wages per day for Runners	2	50	2	50
"    "    "    "    "    Laborers	1	75	1	75
Labor Cost per Ton Operating		014		017
Supply " " " "		003		003
<u>TOTAL</u>		017		020

	1902	1901	1902		1901	
	Tons	Tons	Amount	Cost	Amount	Cost
Lake	84667	118912	1594	22 .019	2267	46 .020
Cliffs Shaft	173157	25931	3100	80 .018	627	73 .024
Salisbury	53227	32794	1009	22 .019	775	99 .024
Michigamme		2431			49	10 .020
Hard Ore						
<u>TOTAL</u>	311051	180068	5704	24 .018	3720	28 .021

<u>OPERATING SHOVEL</u>						
Labor			4312	80 .014	3104	45 .017
Supplies			1088	16 .003	490	89 .003
<u>TOTAL</u>			5400	96 .017	3595	34 .020
<u>REPAIRS TO SHOVEL</u>						
Labor & Supplies			303	28 .001	124	94 .001
<u>TOTAL Operating &amp; Repair Cost</u>			5704	24 .018	3720	28 .021



# Cleveland Iron Mining Co.

*Report of Operating Steam Shovel #4*

TOTAL OPERATIONS & REPAIRS COST	2504 34 . 018	2350 38 . 031
REPORT & SUPPLIES	202 38 . 001	194 34 . 001
REPAIRS TO SHOVEL		
TOTAL	2400 38 . 017	2232 34 . 030
SUPPLIES	1088 16 . 002	480 33 . 002
REPORT	4218 80 . 014	2104 42 . 017
OPERATING SHOVEL		
TOTAL	217021	180083
HAUL ORE	2504 34 . 018	2350 38 . 031
WINDMILLS	8427	49 10 . 020
SOFTENERS	23282	1003 32 . 018
CLIFFS SHUFF	173722	22221
TAKES	2100 80 . 018	232 22 . 024
TOTAL	34882	1224 32 . 012
TOTAL	2504 34 . 018	2350 38 . 031

TONS	1903	1901	1903	1901
TONS	1903	1901	1903	1901
AMOUNT	1903	1901	1903	1901
COST	014	002	014	030
AMOUNT	002	002	002	002
COST	014	014	014	014
AMOUNT	1 22	1 22	1 22	1 22
COST	3 20	3 20	3 20	3 20
AMOUNT	123	123	123	123
COST	11	10	11	10
AMOUNT	1893	1242	1893	1242
COST	217021	180083	217021	180083
AMOUNT	2 24	4 20	2 24	4 20
COST	184	121	184	121
AMOUNT	1903	1901	1903	1901

REPORT OF OPERATING STEAM SHOVEL NO. 4, SEASON 1903  
CLEVELAND IRON MINING COMPANY

Copy

Negaunee Mich, March 24th, 1903

Mr. R. C. Mann, Auditor,  
Cleveland, Ohio.

Dear Sir:-

I have your letter regarding comparative tax statement of annual report, will say the figures as given were not correct, that is, the Iron Cliffs Company included the Pioneer and Arctic Iron Companies, and for 1902 only 1902 taxes were taken into account, instead of taking 1901 also, as per change in plan. Enclosed you have statement of distribution of the Iron Cliffs Company's taxes. You show \$10.12 more than I do for taxes of 1901, the rest being correct. On your statement, which I have enclosed, you will find distribution of Cleveland Iron Mining Co. taxes; for 1902 you show \$162.34, while I have \$1628.34, which I believe is correct.

Yours truly

(Signed) Samuel Redfern

Land Agent

We also enclose a statement with blank columns for the distribution of the Cleveland Iron Mining Co. Taxes, as shown on your Annual Report. The taxes, as shown by your Balance Sheets and taken into our accounts for 1901 and 1902, are as follows:

<u>1901</u>	<u>1902</u>
\$ 352.27	\$ 162.34 ✓ 1628.24 ✓

Yours truly,

HCS-H

Auditor.

*20*  
*A. J. Yungbluth dated 2/11/1903*

*See I.C. tax statements (L.D.) in  
annual box for 1902*

Cleveland Iron Mining Co.

Townships	Acres		Valuation		Amount of Tax		Land		Taxes. Land		Delq. Taxes		Total		Taxes <sup>1902</sup> Acate	
	1901	1902	1901	1902	1901	1902	1901	1902	1901	1902	1901	1902	1901	1902	1901	1902
Serpentine	160	160	12.00	12.00	37.89	33.13	2206	4499				26.03	2206	2102	2206	4499
Silver	160	160	10.40	10.40	23.19	24.93			2290	4812			2290	4812	2290	4812
Sands	157.54	157.54	8.00	8.00	39.96	42.86	78.85	82.82					78.85	82.82	78.85	82.82
Serpentine City			403.00	460.25	712.66	870.58	22852	1405.59	29.94	46.82	8.92	16500	28738	1619.41	278.46	1452.41
Total	477.54	477.54	433.40	490.65	813.70	971.50	299.63	1533.40	52.84	94.94	8.42	19103	361.19	1814.37	352.20	1628.34
													892	191.03		
													352.27	1628.34		
Figures not correct per Reference letter 3/10/03																

Cleveland Iron Mining Co.  
*Tax Statements*  
*Land Department*  
*Nov 30 - 1904*



CLEVELAND IRON MINING COMPANY

COMPARATIVE STATEMENT OF GENERAL EXPENSE ACCOUNTS FOR  
FIVE YEARS, ENDING NOV. 30th., 1902.

GENERAL & MINE OFFICE	1902		1901		1900		1899		1898	
Superintendent )	10616	44	4135	62	4464	48	4423	26	3707	53
Clerks )			7049	52	8829	87	5181	01	4406	37
Master Mechanic	1925	38	2365	98	2276	09	1280	10	654	75
Watchman	867	65	1177	27	1598	60	1041	80	706	06
Choreman	168	85	168	04	171	60	157	93	118	43
Stationery & Printing	362	18	448	57	541	38	384	62	352	13
Telephone & Telegraph	362	81	459	51	423	55	354	95	220	53
Traveling	98	96	330	78	273	76	237	23	96	49
Fuel & Light	326	62	444	73	546	03	261	23	197	66
Water & Ice	36	67	65	84	35	50	20	25	20	83
Livery & Stable Exp.	883	70	858	33	863	12	583	38	543	00
Postage & Box Rent	105	80	93	25	139	60	81	80	84	56
Papers & Periodicals	9	00	13	66	13	15	14	00	12	25
Freight & Express	20	51	26	69	24	14	19	95	15	18
Donations	748	76	446	99	950	33	97	03	578	79
Petty Office Expense	89	14	73	48	77	74	90	10	54	15
Exchange	388	00	421	00	592	00	308	00	253	00
Revenue Tax			50	28	256	87	239	89	124	74
Miscellaneous	86	64	339	07	302	69	4	04		
Office Furniture	195	88	65	54	125	21	144	03	30	05
Legal	76	04	307	96	636	66	567	98	788	45
Advertising	10	00			15	00	15	00	27	60
Janitor	107	93	104	89	90	67				
Consulting Geologist	853	76								
<b>TOTAL</b>	<b>18340</b>	<b>72</b>	<b>19447</b>	<b>00</b>	<b>23248</b>	<b>04</b>	<b>15507</b>	<b>58</b>	<b>12992</b>	<b>45</b>
<b>GENERAL EXPENSE</b>										
Fire Insurance	647	41	854	63	958	64	666	14	678	28
Boiler Insurance	93	51	99	42	176	43	60	50	86	49
Taxes	21903	76	21133	32	21850	91	19186	69	18327	15
Engineering	2674	46	2230	23	3033	62	1562	10	1639	74
Analysis	3449	23	4004	42	5002	17	3943	26	4311	10
Relief Fund	2638	10	2928	00	4175	20	2485	08	2044	91
<b>TOTAL</b>	<b>31426</b>	<b>47</b>	<b>31250</b>	<b>02</b>	<b>35196</b>	<b>97</b>	<b>27903</b>	<b>77</b>	<b>27087</b>	<b>67</b>
<b>GRAND TOTAL</b>	<b>49767</b>	<b>19</b>	<b>50697</b>	<b>02</b>	<b>58445</b>	<b>01</b>	<b>43411</b>	<b>35</b>	<b>40080</b>	<b>12</b>
Land Improvement	142	15								
<b>TOTAL</b>	<b>49909</b>	<b>34</b>								
Volunteer General Exp.							1422	30		
Imperial							1184	57		
<b>TOTAL</b>							<b>46018</b>	<b>22</b>		



Memorandum reconciling taxes, as per approximate  
 analysis of Profit & Loss of all companies, for  
 year . . . . . \$110,723.54

with

Tax Statement, 1902 . . . . . 120,932.22

Difference, \$ 10,208.75

PIONEER FURNACE DEPT.: Tax Stmt. \$10,726.79

As charged out, per books:

Cost Sheet, Pig Iron	\$4,461.00	
" " Alcohol,	2,232.55	
Gladstone City Lots	<u>349.11</u>	
		7,042.66
		<u>\$ 3,684.13</u>

Difference probably taken up on  
 charcoal and other Cost Sheets,  
 and represented by stocks of  
 wood and supplies on hand.

OPERATING MAAS MINE:

Not charged out,	<u>6,524.62</u>	
------------------	-----------------	--

\$10,208.75





THE CLEVELAND-CLIFFS IRON CO.

CLEVELAND IRON MINING CO.  
IRON CLIFFS CO.

M. M. DUNCAN, AGENT.

ISHPEMING, MICH., Feby. 23rd. 1903.

IN YOUR REPLY PLEASE REFER TO FILE



Mr. R. C. Mann, Auditor,  
Cleveland Ohio.

Dear Sir:-

Referring to your favor of 20th. in reference to dwellings not rented and Land Improvement statement.

I enclose herewith additional reports covering the improvement account and showing distribution of same between President's Cottage, Agents Residence and General Work. In the first report sent you we endeavored to show the Agents account as to buildings and grounds and in this way complicated our figures.

The material for the new fence \$146.50 was charged to the Dwellings account and should properly have been charged to Land Improvement.

I think from the additional statements you can get the required information.

Yours truly,

A handwritten signature in cursive script, appearing to read "J. J. M. Smith".

Local Auditor.

AJY-CWL  
ENC.



Feb. 20th, 1903.

Mr. A. J. Yungbluth, Local Auditor,  
Ipsening, Mich.

Dear Sir:-

Just a few minutes before the annual meeting was called to order, I was requested to get up a detailed statement of the Land Improvement account at your department, and was unable to do so from the fact that I would not tell from the enclosed report what items went to make up the total of \$1759.85. I therefore return the blanks to you herewith, which cover the charges to Dwellings Not Rented, and Land Improvement for last year. I presume the party that made up this report can tell what items go to make up the above amount, but certainly nobody not familiar with it, could get at the information. Will you therefore have a statement made, and have it show these items, and return it to me. Where you have an account like Land Improvement on your books, which at the end of the year shows a certain balance, which in this case was \$1,759.85, we want a statement showing what the details are that make up this amount. It is useless to make up a statement including the details of that account and the details of some other account, and mixing them in together, in such a way that we cannot divide them down here. Won't you please bear this in mind next year, and oblige?

Yours truly,

Encls.-7-  
RCM-EWB

Auditor.

CLEVELAND IRON MINING COMPANY

Statement of Land Improvement for year ending Nov. 30th, 1902.

<u>Wm. G. Mather's Grounds at Cottage</u>			
Grounds and Lawn	187 82		
Jasper Street Walk	86 38		
Fences, Whitewashing etc.	50 88		
Garden	22 00		
Making Road	6 98		
	<u>Total Cottage</u>		354 06
<u>General Work at Location</u>			
Cutting Wood	53 71		
Fences	115 76		
Prize Awards and Notices	143 25		
Side Walks	58 21		
Whitewashing Fences	122 62		
Jasper Street Road	19 15		
Lettering Monument	48 78		
Pasture	7 46		
Office Lawn	2 73		
	<u>Total General Work</u>		571 67
	<u>Grand Total</u>		925 73
	<u>Less Hay Sold</u>		18 00
	<u>Net Total</u>		907 73

CLEVELAND IRON MINING COMPANY

STATEMENT, OF LAND IMPROVEMENT FOR YEAR ENDING NOV. 30TH., 1902

<u>Wm.G.Mather's Grounds at Cottage</u>			
Grounds & Lawn	187	82	
Jasper Street Walk	86	38	
Fences, Whitewashing etc.	50	88	
Garden	22	00	
Making Road	6	98	
TOTAL			354 06
<u>M.M.Duncan's Grounds at Residence</u>			
New Fence	664	79	
Grounds	8	78	
Garden	65	87	
Road	111	74	
Tools		94	
TOTAL			852 12
<u>General Work</u>			
Cutting Wood	53	71	
Fences	115	76	
Prize Awards & Notices	143	25	
Side Walks	58	21	
Whitewashing Fences	122	62	
Jasper Street Road	19	15	
Lettering Monument	48	78	
Pasture	7	46	
Office Lawn	2	73	
TOTAL			571 67
TOTAL CHARGES FOR YEAR			1777 85
Less Hay Sold			18 00
TOTAL LAND IMPROVEMENT			1759 85

CLEVELAND IRON MINING COMPANY.

Repairs to Dwellings not Rented, for year ending

November 30th, 1902.

M. M. Duncan, Agent, - Dwelling					
Doors and Windows	83 71				
Painting	41 14				
Papering	117 02				
Heating System	107 39				
Furniture	59 81				
Water Works	59 51				
Water Closet	23 50				
Root House	83 78				
Labor Filling Ice House	22 55				
Electric Light Fixtures	14 10				
Chimney	26 37				
Boilers	3 41				
Stove	6 29				
Barn	8 38				
Basement	9 50				
Baseboards	6 30				
Porch	3 26				
Coal Shed	2 93				
Walks	46 28				
<b>Total Dwelling</b>				725 23	
<u>Expense of Grounds etc.</u>					
New Fence	811 29				
Garden and Grounds	159 47				
Road	111 74				
Tools	94				
<b>Total</b>				1083 44	
<b>Grand Total</b>					1808 67
<u>Summary</u>					
Dwellings not Rented	1233 85				
Land Improvement	1759 85				
<b>Total</b>					2993 70

# Cleveland Iron Mining Co.

*Repairs to dwellings Not Rented  
& Expenses at Cottage  
and Land Improvement.*

Item	Amount	Total Dwelling	Expenses of Grounds etc.
Roofs	46 58		
Boards	3 22		
Grounds and Grounds	8 40		1082 44
Land Improvements	2 20		
Electric Light Fixtures	0 30		
Repairs Milling Ice House	0 32		
Water Cistern	3 41		
Water Works	59 24		
Painting	14 10		
Heating System	55 22		
Repairs	62 48		
Windows	32 20		
Doors and Windows	23 21		
Repairs to Dwellings Not Rented	89 61	452 52	
Expenses at Cottage	161 20		
Land Improvements	117 03		
Water Works	41 14		
Doors and Windows	82 47		

M. M. Gannon, Agent, - Dwellings

November 30th, 1903.

CLEVELAND IRON MINING COMPANY.

Item	Amount
Land Improvements	5892 40
Dwellings Not Rented	1322 82
<b>Total</b>	<b>7215 22</b>

Item	Amount	Total
Roofs	46 58	
Boards	3 22	
Grounds and Grounds	8 40	1082 44
Land Improvements	2 20	
Electric Light Fixtures	0 30	
Repairs Milling Ice House	0 32	
Water Cistern	3 41	
Water Works	59 24	
Painting	14 10	
Heating System	55 22	
Repairs	62 48	
Windows	32 20	
Doors and Windows	23 21	
<b>Total</b>	<b>452 52</b>	<b>1808 67</b>



CLEVELAND IRON MINING COMPANY

REPAIRS TO BUILDINGS NOT RENTED, FOR YEAR ENDING  
NOVEMBER 30TH., 1902

<u>M.M.DUNCAN 'S RESIDENCE</u>					
Doors And Windows	83	71			
Painting	41	14			
Papering	117	02			
Heating System	107	39			
Furniture	59	81			
Water Works	59	51			
Water Closet	23	50			
Root House	83	78			
Filling Ice House	22	55			
Electric Lights	14	10			
Chimney	26	37			
Boilers	3	41			
Stove	6	29			
Barn	8	38			
Basement	9	50			
Base Boards	6	30			
Porch & Awnings	3	26			
Coal Shed	2	93			
Garden	65	17	*		
Hot Beds	19	65	*		
Side walks	46	28			
Fence	146	50	*		
<b>TOTAL</b>			<b>956</b>	<b>55</b>	
New Fence & Care of Grounds As per Land Improvement Statement			<b>852</b>	<b>12</b>	
<b>GRAND TOTAL</b>					<b>1808 67</b>

*Original reports included*

<i>Land Improvement</i>	<i>852.12</i>
<i>Material for fence</i>	<i>146.50</i>
<i>Garden</i>	<i>65.17</i>
<i>Hot Beds</i>	<i>19.65</i>
	<i>1083.44</i>

*2/23/02*

CLEVELAND IRON MINING COMPANY

Charges to Dwellings not Rented and Expense at Cottage  
For Year Ending Nov.30th,1902.

<u>WM.G.MATHER'S COTTAGE</u>					
Water works	35 03				
Floors	27 22				
Shelves	9 62				
Furnace	10 84				
Cleaning	1 20				
Flower Boxes	3 98				
Squirrel Cage	68 88				
Lawn Mower	4 50				
Electric Bells				24	
Roof	9 13				
Doors & Windows	9 27				
Furniture	3 88				
Painting	39 90				
Papering	3 82				
Flag pole	1 35				
Chimney	25 16				
Stove	1 96				
Coal Bin	1 32				
Electric Light Fixtures					
Lawn Party	20 00				
<u>Total on Building etc.</u>				277 30	
<u>LIGHT</u>					
Dec.1st.1901 to Dec.1st.1902				36 00	
12 mos.					
<u>SUNDRIES</u>					
Choreman	506 55				
Ice for Season-Contract	30 00				
Telephone, County	15 00				
<u>Total Sundries</u>				551 55	
<u>CARE OF GROUNDS</u>					
As per Land Improvement					
Statement				354 06	
<u>GRAND TOTAL</u>					1218 91

Statement of Scotch ore for year ending Nov. 30th, 1902.

	<u>Tons</u>	<u>Tons</u>
In stock at Mine Dec. 1st 1901	79232	
Produced during year	<u>76024</u>	
Total		<u>155256</u>
<hr/>		
Shipped:		
Sandusky	4682	
Cleveland	10399	
Buffalo	<u>10451</u>	
Total Shipped		25532
Scotch transferred to other ores		
Coarse Scotch as Coarse Cliffs Shaft	25914	
Scotch as Crushed Do	<u>17365</u>	
Total transferred to other ores		43279
In Stock Mine Nov. 30, 1902.		86445
Total		<u>155256</u>

Statement <sup>of</sup> for Lake Ore for year ending Nov. 30, 1902.

			<u>1901</u>	<u>1902</u>
	In stock at Mine Dec. 1st. 1901.		119545	✓
	Produced during year		<u>309184</u>	✓
	Total Lake			428729
	Other Ores transferred to Lake			
May 16	Saturn Taylor		4690	
17	Vega "		3179	
	Ashland		197	8084
	Total Other Ores			<u>436813</u>
<hr/>				
Shipped:	Pioneer Furnace		45787	
	Carp Furnace		12650	
	Antrim Iron Co		32328	
	Elk Rapids Iron Co		20016	
	<i>Spring Lake Iron Co.</i>		4336	
	W. F. Jobbins, Aurora		559	
	Toledo		81807	
	Ashtabula		17857	
	Erie		1119	
	Deseronto Iron Co		5789	
	Total Shipped			<u>222248</u> ✓
	Lake transferred to other Ores			
	Lake as Salisbury		61482	
	See Salisbury Statement			
	Lake as Bedford		1860	
	See Bedford Statement			
	Total Other Ores			<u>63342</u> ✓
	In stock at Mine Nov. 30, 1902			151223

*Silica*  
Statement for Lake Bessemer for year ending Nov. 30, 1902.

	<u>Tons</u>	<u>Tons</u>
Produced during year		3167
Shipped:		
Carp Furnace	365	
Antrim Iron Co	2802	
Total		3167

Statement of Salisbury Bessemer for year ending Nov. 30, 1902

	<u>Tons</u>	<u>Tons</u>
In stock at Mine Dec. 1st. 1901.	2673	
Produced during year	89612	
Total Salisbury Bessemer		92270
Shipped:		
Salisbury Bessemer		
as Lake Bessemer		84212
Note: Salisbury Bessemer was all shipped from docks as Lake Bessemer		
In stock at Mine, Nov. 30/02.		8058
Total		92270



