

MINING DEPT.

COST SHEET FOR RENTED BUILDINGS.

WINN TOWNSHIP, CONTINUED LOCATION.

Month of ANNUAL 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
Bro't for'd,		20 73	174 70	23 00		99 56			402 99		720 98		4737 64
240 Matt Mounula,						2 93			7 59		10 52		96 00
242 Vacant,									7 29		7 29		14 35
243 "					94				7 27		8 21		53 87
245 "					94				7 29		8 23		16 00
248 Henry Kiltanen,				1 13		2 99			7 27		11 39		96 00
250 John Rengo,			1 27			2 99			8 01		12 27		80 00
103 F. G. Lee,						3 04			7 27		10 31		96 00
107 Oscar Kaarna,						8 28			7 92		16 20		96 00
108 John Wills,									7 71		7 71		76 58
112 Vacant,			2 27						7 29		9 56		74 40
116 Sam McCara,			76			52			8 12		9 40		96 00
120 George Davis,			76						7 29		8 05		96 00
147 Leander Johnson,		7 82				3 51			7 27		18 60		96 00
151 John Hoglund,			10 87			3 32			7 29		21 48		96 00
152 Ed. Heig,						3 00			7 27		10 27		96 00
155 Michael Solka,		5 35	14 44						7 29		27 08		60 53
156 George Rollins,			25			3 00			7 27		10 52		64 00
159 George Duquette,		5 35	79						7 78		13 92		64 00
160 Victor Laine,			6 00						7 27		13 27		96 00
163 James Garfield,			2 62	1 51					7 29		11 42		68 00
164 Matt Hakka,						3 57			7 27		10 84		96 00
167 Michael Lelko,		6 36	14 80			5 57			7 29		34 02		82 13
168 Walter Lampman,			1 72						7 27		8 99		96 00
171 Frank Cosachetti,		1 64				3 51			7 53		12 68		95 20
172 Isac Keast,									7 27		7 27		96 00
175 J. H. Williams,		1 28				3 51			8 24		13 03		96 00
179 Chas. Hocking,						3 81			7 27		11 08		96 00
183 Emil Vilimaki,		1 27							8 05		9 32		67 73
184 Wm. Semmens,									7 27		7 27		96 00
187 John Tousignaut,		2 80	6 31						7 29		16 40		96 00
191 John Erickson,			4 10			3 51			8 24		15 85		96 00
192 John Truscott,		1 60		1 51		39			7 92		11 42		96 00
195 Albin Ikonen,						9 16			7 90		17 06		96 00
199 Chas. Norberg,						3 93			7 93		11 86		96 00
171 Vacant,		2 90	1 44			3 31			7 42		15 07		
175 Nester Ahlstrom,		6 62				3 51			7 29		17 42		96 00
147 Erick Johnson,						3 02			9 27		12 29		96 00
151 Vacant,			1 23			5 04			8 76		15 03		84 00
155 C. F. Kuder,		3 91	2 07	1 13					7 28		14 39		96 00
159 George Box,			2 04	1 12		3 59			8 51		15 26		96 00
163 A. Abrahamson,									7 41		7 41		73 64
167 Thos. Vowler,						4 94			7 29		12 23		96 00
73 W. J. Phillips,									13 24		13 24		120 00
Total,		67 63	248 44	31 28		193 51			735 25		1276 11		6288 07
GENERAL EXPENSE:													
26. Insurance,											162 24		
" Capt. House,											4 65		
32. Taxes,											442 14		
31. Advertising,													
Uncollectible Rents, 208 Ash St \$24.00 218 Ash St \$10.06											34 06		
Total,											1939 20		
Depreciation,											6348 87		
Grand total cost of operating,													8288 07
Net Earnings,													
Number of Buildings in good repair,			48		Double Houses,								
" " " " " single			1										
" " " " " unrentable,													
Total Buildings,			49										
Total Number of Untenanted Buildings—Double,													
" " " " " Single,			14		1/2 Houses.							121 74	
											57005 76		
											59365 00		

REMARKS: WTR 1/28/13. JMB 1/29/13

THE CLEVELAND CLIFFS IRON CO.

RENTED BUILDINGS.

MINING

Department.

GWINN TOWNSHIP

Location.

COST SHEET FOR THE MONTH OF

ANNUAL 1912

120 00	12 24
98 00	12 24
96 00	12 24
94 00	12 24
92 00	12 24
90 00	12 24
88 00	12 24
86 00	12 24
84 00	12 24
82 00	12 24
80 00	12 24
78 00	12 24
76 00	12 24
74 00	12 24
72 00	12 24
70 00	12 24
68 00	12 24
66 00	12 24
64 00	12 24
62 00	12 24
60 00	12 24
58 00	12 24
56 00	12 24
54 00	12 24
52 00	12 24
50 00	12 24
48 00	12 24
46 00	12 24
44 00	12 24
42 00	12 24
40 00	12 24
38 00	12 24
36 00	12 24
34 00	12 24
32 00	12 24
30 00	12 24
28 00	12 24
26 00	12 24
24 00	12 24
22 00	12 24
20 00	12 24
18 00	12 24
16 00	12 24
14 00	12 24
12 00	12 24
10 00	12 24
8 00	12 24
6 00	12 24
4 00	12 24
2 00	12 24
0 00	12 24

RECEIVED

JAN 21 1913

Ack. to Ans.

NOTED

E. R. M.

101	Thos. Fowler	4 04
102	A. Johnson	3 20
103	George Cox	3 04
104	G. F. Weber	3 07
105	Wm. Vessant	1 12
106	Eric Johnson	1 52
107	Wm. Vessant	3 22
108	Wm. Vessant	1 44
109	Wm. Vessant	3 21
110	Wm. Vessant	3 21
111	Wm. Vessant	3 21
112	Wm. Vessant	3 21
113	Wm. Vessant	3 21
114	Wm. Vessant	3 21
115	Wm. Vessant	3 21
116	Wm. Vessant	3 21
117	Wm. Vessant	3 21
118	Wm. Vessant	3 21
119	Wm. Vessant	3 21
120	Wm. Vessant	3 21
121	Wm. Vessant	3 21
122	Wm. Vessant	3 21
123	Wm. Vessant	3 21
124	Wm. Vessant	3 21
125	Wm. Vessant	3 21
126	Wm. Vessant	3 21
127	Wm. Vessant	3 21
128	Wm. Vessant	3 21
129	Wm. Vessant	3 21
130	Wm. Vessant	3 21

1/28/13

27002 YR
2022 CO

121 78

Double Room

1/2 House

COST SHEET FOR RENTED BUILDINGS.

GWINN TOWNSITE LOCATION.

Month of _____ ANNUAL, 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
194 Nels Moon			1 08			2 10			7 27		10 45		96 00
202 Mrs A. Sundberg,									7 28		17 28		96 00
208 Gust Foress,				1 12					7 27		8 39	8	80 00
210 O. Racine,				1 13					8 71		9 84		96 00
216 Herman Heikkila,			7 69			6 11			7 27		21 83		96 00
218 Vacant,		1 63	2 09						7 28		11 76		29 26
224 Rudolph Varralo,			20 58			4 85			7 50		33 69		96 00
226 Angelo Dellangelo,						4 83			7 28		12 87		96 00
232 Dom. Centenino.			2 08			4 05			8 04		14 56		69 60
234 Vacant,						4 13			7 28		11 78		68 00
240 "			2 91			3 41			8 03		14 35		65 81
241 "			9 68		76				7 28		17 72		77 07
245 John Tremontino,		2 31	19 91			3 42			7 27		32 91		88 00
242 Dominic Baldini,						2 01			7 28		9 29		64 00
248 Andrew Maffasanti,			3 10						7 27		10 37		96 00
250 Battista Maffasanti,		2 53	1 06						7 28		10 87		96 00
253 Frank Bologneno,			1 71						7 27		8 98		96 00
257 Victor Rovedo,		1 27							7 28		8 55		96 00
261 Louis Morgiat,									7 27		7 27		96 00
265 Wm. Start,			1 12			4 28			8 48		13 88		96 00
139 Eli Brozzo,						2 95			7 27		10 22		96 00
143 Gec. Flack,					75				7 28		8 03		91 73
150 Len Olson,			1 68						7 27		8 95		95 47
152 John Koski,			10 41			28			7 28		17 97		96 00
153 Henning Bloomquist,			5 78						7 27		13 05		96 00
155 Thos. Hargrove,		1 01			75				7 28		9 04		96 00
158 John Nordlander,			4 07			3 49			7 27		14 83		96 00
160 Ernest Bailey,			6 53			6 65			7 28		20 46		96 00
166 Ed. Lafave,		9 84	1 63			3 93			7 27		22 67		96 00
168 Oscar Paulson,			96			8 10			7 28		16 34		96 00
192 Jens Eklid,			25						8 12		8 37		69 23
194 John Sundberg,			2 85						7 28		10 13		96 00
195 George Hawke,			12 75		37	69			7 85		21 66		96 00
197 Otto Still,					38				7 28		7 66		96 00
200 Arthur Nyquist,			1 19						7 79		8 98		96 00
202 Frank Noel,			1 17						7 28		8 45		96 00
203 John Fogerberg,			5 00		76				7 27		13 03		96 00
205 W. H. Matthews,			1 35		75				8 70		10 80		96 00
208 Thos. Sather,			6 50			3 63			7 27		17 40		96 00
210 Vacant,			5 80						7 28		13 08		68 00
211 Wm. Martin,			1 88			3 88			7 27		13 03		96 00
213 Gust Wernholm,			2 10			3 88			7 28		13 26		96 00
216 Thos. Roberts,		1 97	1 67			3 63			7 27		14 54		96 00
218 Chas. Kujansuu,			1 69						8 14		9 83		90 40
219 And. Hill,				2 35		4 48			7 27		14 10		96 00
221 Vacant,				94					7 65		8 59		16 00
224 John Bond,				94					7 27		8 21		94 40
226 Vacant,			40	95		1 00			7 29		9 64		56 80
227 John Ruotsala,			4 32			1 52			7 27		13 11		96 00
229 Wm. Olli,						3 63			8 01		11 64		96 00
232 Andrew Salo,			3 10			3 63			7 27		14 00		83 20
234 Wm. Fountain,		17	8 93						7 29		16 39		96 00
235 C. A. Steede,			7 15	3 63					7 66		18 44		96 00
237 Vacant,			2 53	3 62		5 00			7 29		18 44		74 67
Total,		20 73	174 70	23 00		99 56		402 99		720 98		4737 64	
GENERAL EXPENSE:													
26. Insurance,													
32. Taxes,													
31. Advertising,													
Uncollectible Rents,													
Total,													
Depreciation,													
Grand total cost of operating,													
Net Earnings,													
Number of Buildings in good repair,													
" " " " poor "													
" " " unrentable,													
Total Buildings,													
Total Number of Untenanted Buildings—Double,													
" " " " " Single,													
Total Rent Uncollected 1st of Month,													
Total Rent Earnings—Current Month,													
Total,													
Total Rent Collected—Current Month,													
Total Rent Uncollected End of Month,													
Construction Acc't Not Charged Off,													
Insurance Valuation,													

REMARKS: WTR
1/28/13.

THE CLEVELAND CLIFFS IRON CO.

RENTED BUILDINGS.

MINING Department.

GWINN TOWNSITE Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

RECEIVED

JAN 31 1913

Ack. Ans.

NOTED

E. R. M.

180 00 21 22 20

8 28

7 38

42 34 134 28

180 00

30 00

1020 00

18 20 1 44

36

1

1

1/28/13

COST SHEET FOR RENTED BUILDING

HARD ORE LOCATION.

Month of ANNUAL, 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
1 Xavier Pepin,		32 88	7 10			1 20			1 19		42 37		60 00
2 Henry Seaborg,		17 17	9 42						1 02		27 61		48 00
3 Henry Mackie,		4 15	94 14						1 45		99 74		48 00
3 Vacant,													36 00
4 John Sandell,		6 00	1 99			3 20					45	11 64	72 00
5 Fred Saunders,		7 80	16 54								90	25 24	84 00
8 Louis Farley,			11 24						1 88			13 12	48 00
8 Mrs. Chas. Olson,													36 00
9 Phil Pepin,		6 75				20 30			1 51		28 56		84 00
11 Henry Osier,		5 25				2 00			1 08		8 33		60 00
14 John Jeffrey,			4 40			1 60			45		6 45		60 00
15 James Trewick,		2 25	9 72						62		12 79		60 00
16 Thomas Sparrow,			63 04	3 98		32 30			2 62		101 94		60 00
17 Alick Clavin,		8 40	33 87						70		42 97		60 00
18 John Hennessey,		8 70							1 09		9 79		60 00
19 Matt Renowden,		4 25	13 34			7 00			90		25 49		60 00
21 O. D. McClure,			703 08	31 31	6 32	313 98	327 27	29 46	60 63		1472 05		180 00
24 Fred Vogtline,			22 10	1 62					90		24 62		60 00
25 Mrs. Dougherty,			7 24	8 88		5 00			98		22 10		60 00
26 John Lemin, Sr.		15 87	58 41	14 36		8 76			6 60		104 00		72 00
26 Wm. Cornish,			14 16								14 16		64 00
27 Jacob Christianson,		14 14	67 24						95		82 33		60 00
28 A.P. Peterson,						58 75			90		59 65		60 00
29 Mrs. Jas. Nicholls,			4 95						99		5 94		60 00
30 Carl Silas,		4 80	12 70	7 12					1 78		26 40		60 00
31 J. Van Brocklin,		13 40	63 27	5 48		2 96	1 66		7 83		94 60		96 00
32 John Cox,		2 25	8 91						90		12 06		84 00
33 Matt Tuttila,			12 18			13 78			90		26 86		60 00
34 George Bradreson,		7 15	19 70	30 30					90		58 05		60 00
35 John Lemin,		12 12	2 43	11 77		9 54			6 31		42 17		60 00
36 Oscar Kureen,		3 80	20 26	8 32					1 00		25 06		48 00
36 Fred Barju,				1 62							9 94		34 85
37 Lucien Eaton,	63 00	50 75	805 23	7 51	127 59	211 18	71 03	98	35 48		1372 75		180 00
38 Alfred Collick, Hospital Bldg,		36 87	146 01						2 67		185 55		96 00
Agents Residence,		112 01	1666 27	26 06	63 30	812 74	912 11	45 68	184 33		3822 50		360 00
Total,	63 00	376 76	3907 26	150 01	197 21	1504 29	1312 07	76 12	330 11		7916 83		2692 85
GENERAL EXPENSE:													
26. Insurance,											74 19		
32. Taxes,											50 80		
31. Advertising,													
Uncollectible Rents, Total,											8041 82		
Depreciation,													
Grand total cost of operating,													8041 82
Net Earnings,													5348 97
Number of Buildings in good repair,			31										
" " " " poor "													
" " " unrentable,													
Total Buildings,			31										
Total Number of Untenanted Buildings—Double, " " " " " Single,												00 00	
Total Rent Uncollected 1st of Month, Total Rent Earnings—Current Month, Total,													
Total Rent Collected—Current Month, Total Rent Uncollected End of Month, Construction Acc't Not Charged Off, Insurance Valuation,										23450 00			

REMARKS: Large expenditures on Houses No. 21 and 37 and Agents Residence, due to new additions to buildings, plumbing fixtures, etc.

R 1/13. JMS 1/16/13

MINING DEPT.

COST SHEET FOR RENTED BUILDINGS.

HEMATITE LOCATION.

Month of ANNUAL, 1913.

ACCOUNT NUMBER House Number	MAINTENANCE.								EARNINGS.				
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
1 Cyrille Tourville,							13 01		68		13 69		84 00
2 Vacant,									40		40		29 60
3 Joseph Erisseau,		5 40	14 84				5 14		40		25 78		42 00
7 Charles Rowe,									40		40		42 00
8 Octave Lemay,		17 30	24 90				1 20		9 58		52 98		31 50
Total,		22 70	39 74				19 35		11 46		93 25		229 10
GENERAL EXPENSE:													
26. Insurance,											8 54		
32. Taxes,													
31. Advertising,													
Uncollectible Rents, Total,											101 79		
Depreciation,													
Grand total cost of operating.													101 79
Net Earnings,													127 31
Number of Buildings in good repair,			5	Total Rent Uncollected 1st of Month,									
" " " " poor "				Total Rent Earnings—Current Month,									
" " " unrentable,				Total,									
Total Buildings,			5	Total Rent Collected—Current Month,									
Total Number of Untenanted Buildings—Double,				Total Rent Uncollected End of Month,								70 00	
" " " " " Single,			1	Construction Acc't Not Charged Off,									
				Insurance Valuation,						2700 00			

REMARKS: WTR
1/16/13.

WTR 1/16/13

CLEVELAND IRON MINING COMPANY

RENTED BUILDINGS.

MINING Department.

HEMA TITE Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

00 44	85 1	85	10 41
00 42	85 2	85	10 41
00 40	85 3	85	10 41
00 38	85 4	85	10 41
00 36	85 5	85	10 41
00 34	85 6	85	10 41
00 32	85 7	85	10 41
00 30	85 8	85	10 41
00 28	85 9	85	10 41
00 26	85 10	85	10 41
00 24	85 11	85	10 41
00 22	85 12	85	10 41
00 20	85 13	85	10 41
00 18	85 14	85	10 41
00 16	85 15	85	10 41
00 14	85 16	85	10 41
00 12	85 17	85	10 41
00 10	85 18	85	10 41
00 08	85 19	85	10 41
00 06	85 20	85	10 41
00 04	85 21	85	10 41
00 02	85 22	85	10 41
00 00	85 23	85	10 41

1 Cynthia Tomville
 2 Vernon
 3 Joseph H. H. H.
 4 Charles Howe
 5 Octave Henry

RECEIVED
 JAN 18 1913
 Acc. Ans.

Checked with Ledger and
 Balance on Comparative
 Statement
 Depreciation Checked
 Production O. K.
 Unit Value O. K.
 Examined

CLEVELAND IRON MINING COMPANY
 RECEIVED
 JAN 18 1913
 Acc. Ans.

1/18/13

THE CLEVELAND CLIFFS IRON CO.

RENTED BUILDINGS.

MINING Department.

IMPERIAL Location.

COST SHEET FOR THE MONTH OF

ANNUAL 1912.

RECEIVED

JAN 31 1913

Ans.

NOTED

E. R. M.

40

STERLING LEAD CO.

Both Savings and Expenditures closed off to Operating Mine.

1/27/13

MINING DEPT.

COST SHEET FOR RENTED BUILDINGS.

LUCY LOCATION.

Month of ANNUAL 1912.

THE STENGLIN BINDERY, 217 1/2 W. MARGUETTE, MICH.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.				
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year	
1 Thos. Esterbrook, 2 Matt Aho,			74 94			6 20					74 94 6 20		72 00 72 00	
Total,			74 94			6 20					81 14		144 00	
GENERAL EXPENSE:														
26. Insurance,												6 00		
32. Taxes,														
31. Advertising,														
Uncollectible Rents,														
Total,												87 14		
Depreciation,														
Grand total cost of operating,														87 14
Net Earnings,														56 86
Number of Buildings in good repair,			2							Total Rent Uncollected 1st of Month,				
" " " " poor "										Total Rent Earnings—Current Month,				
" " " unrentable,										Total,				
Total Buildings,			2							Total Rent Collected—Current Month,				
Total Number of Untenanted Buildings—Double,										Total Rent Uncollected End of Month,				
" " " " " Single,										Construction Acc't Not Charged Off,				
											2000 00			

REMARKS: WTR
1/27/13.

JAN 1/29/13

THE CLEVELAND CLIFFS IRON CO.

RENTED BUILDINGS.

MINING Department.

LUCY Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

RECEIVED

JAN 31 1913

To Ans.

NOTED

E. R. M.

41

JAN 31 1913

COST SHEET FOR RENTED BUILDINGS.

MA A S LOCATION.

Month of ANNUAL 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
Mineral Lands, 5 Dom Allera,			14 86			21 74			95		37 55		103 00
12 Frank Roberts,		6 30							45		5 75		72 00
13 James Holm,		33 60	64 26						45		98 31		78 00
14 Fred Ware,			1 90						90		2 80		240 00
35 Vacant,								1 85			1 85		200 00
38 E. C. Rooks,	72 20	6 60						1 95			80 75		194 00
38, Jac. Hannula,													34 00
42 Rich. Tuomi,		46 85							95		47 80		64 61
53 Richard Roy,						2 35					2 35		18 00
											278 16		1003 61
Mineral Lands & Leases, 1 Vic. Erickson,	47 40	4 55	2 82			4 19		1 90			60 86		96 00
2 W. J. Dompierre,	36 76		52 48			10 00		45			99 69		72 00
3 And. Tolonen,			48 76			9 00		45			58 21		55 20
4 Jonas Ahola,	36 76		51 60			10 75		45			99 56		72 00
6 J. Gauthier,						3 81		90			4 71		72 00
7 Vacant.													
8 John Peal,								45			45		60 00
9 W. T. Watters,		40	3 26			7 00		45			11 11		72 00
10 A. Willette,		19 50	123 68					1 10			144 28		120 00
11 J. H. Rough,		32 10	288 60		20 39	50 60	18 00	1 35			411 04		144 00
15 Jos. Thomas,	65 00	63 35				3 62		90			132 87		144 00
16 E. A. Doty,		80	46 00			16 29		90			63 99		114 00
17 Oscar Mattila,								45			45		72 00
18 John Hendrickson,			84 80			35 35					49 45		54 00
18 Alb. Kangass,													36 00
21 Delore Roy,			45 52					45			45 97		72 00
22 Nester Holm,			1 85			14 13					15 98		72 50
22 Otto Martinen,													33 33
26 Emil Erickson,			1 40					95			2 35		98 10
26 Ben Swanson,		30 61									30 61		72 00
27 Wm. Gilbert,	43 21		13 48					45			57 14		144 00
28 Chas. Olson,		10 70						45			11 15		180 00
29 S. R. Elliott,		52 70	2 00		2 00	75		1 35			58 80		300 00
30 John Barrett,	60 44	16 60	9 20			2 85		1 90			90 99		180 00
32 B. Cavallo,								1 35			1 35		72 00
32 A. Cavallo,													72 00
33 J. W. Whiting,		13 35	178 44		22			1 35			193 36		240 00
34 John Fredrickson,						47 09		45			47 54		72 00
36 Chris Anderson,			36 98			11 49		45			48 92		72 00
39 Wm. Davey,		5 70	50					1 35			7 55		192 00
43 Sam Jewell,			1 85								1 85		125 00
45 Thos. Goldworthy		90 46						2 00			92 46		134 17
46 Vacant.													
47 Jules Gaynon,								50			4 90		33 00
48 Vacant.			4 40								50		46 00
50 Toney Denofrio,						50					1 60		18 00
51 Gust Elman,		1 60											18 00
51 Nick Reichel,													20 00
52 Albert Jendron,													20 00
											1750 79		3514 30
Total,	361 77	435 77	909 04		22 61	251 51	18 00	30 25			2028 95		4517 91
GENERAL EXPENSE:													
26. Insurance, Mineral Lands,											26 32		
" " " & Leases,											126 10		
32. Taxes, Mineral Lands,											102 68		
" " " & Leases,											549 63		
31. Advertising,													
Uncollectible Rents, <i>House #5</i>											64 00		
Total,											2897 68		
Depreciation,											1620 23		
Grand total cost of operating,													4517 91
Net Earnings,													
Number of Buildings in good repair,			41										
" " " " poor "			1										
" " " unrentable,													
Total Buildings,			42										
Total Number of Untenanted Buildings—Double,													
" " " " " Single,			3										
												151 00	
											5550 00		

REMARKS: WTR Distribution of Depreciation,
 1/27/13. Mineral Lands, 532.45
 " " & Leases, 1087.78
 1620.23

COST SHEET FOR RENTED BUILDINGS.

MEGAUNEE SURFACE LOTS LOCATION.

Month of _____ ANNUAL, 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
19 Matt Aho,	58 50	78 41				9 52			90		147 33		180 00
20 Matt Jyltha,		14 60	1 65			16 39			1 35		33 99		134 00
23 B. Dagono,						5 54					5 54		78 00
23 A. Cavallo,						13 15			90		14 05		78 00
24 Vacant,	33 30	38 80	2 85			13 33			45		88 73		98 00
25 John Viarna,	30 00										30 00		120 00
25 Chas. Manninen,	30 00								90		30 90		84 00
31 Emil Aho,													90 00
31 John Rajala,		2 80							90		3 70		54 00
37 Aug. Kohtenan,	28 90	6 65							90		36 45		120 00
37 John Hill,	28 90	17 55									46 45		60 00
40 Vacant,			21						95		1 16		38 50
40 "													
41 Richard Uren,		54 52				21 77	56 96				133 25		83 00
44 Jacob Ollila,									90		90		84 00
44 Oscar Anttila,													35 00
44 Carl Salo,													18 50
44 Chas. Aho,													17 50
49 Otto Karvonen,													53 62
Total,	209 60	213 33	4 71			79 70	56 96		8 15		572 45		1426 12
GENERAL EXPENSE:													
26. Insurance,											36 02	✓	
32. Taxes,											85 22	✓	
31. Advertising,													
Uncollectible Rents,													
Total,											693 69		
Depreciation,													
Grand total cost of operating.													693 69
Net Earnings,													732 43
Number of Buildings in good repair,			11										
" " " " poor "													
" " " " unrentable,													
Total Buildings,			2										
Total Number of Untenanted Buildings—Double,													
" " " " " Single,												80 00	
											12700 00	✓	

REMARKS: WTR 1/27/13. Both Earnings and Expenditures closed off to Operating Mine.

JMA 1/29/13

COST SHEET FOR RENTED BUILDINGS

NORTH LAKE LOCATION.

Month of ANNUAL 1912.

THE STENGLIN BAKERY, W. P. RS, MARQUETTE, MICH.

MAINTENANCE.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
1 Sol. Korkmackie,						40			3 20		3 60		91 72
2 Aug. Mackie,						41			3 20		3 61		96 00
3 Henry Routhier,						40			3 84		4 24		96 00
4 Jos. Labeauf,						1 93			3 20		5 13		94 94
5 John Lattaner,						40			3 20		3 60		94 12
6 Oscar Vickman,						41			3 20		3 61		96 00
7 Simon Luoma,						40			3 20		3 60		96 00
8 Matt Niemi,						41			3 20		3 61		90 68
9 Isaac Risku,						40			3 20		3 60		59 54
10 Rony Bucco,						41			3 20		3 61		66 50
11 Vacant,						40			3 20		3 60		79 49
12 John Erickson,						41			3 20		3 61		95 00
13 Sinai Nault,			28			2 60			3 20		6 08		96 00
14 John Lucas,						41			3 20		3 61		96 00
15 Wm. Tippet,						40			3 20		3 60		96 00
16 John Glarville,						41			3 20		3 61		96 00
17 And. Wionen,						40			3 60		4 00		96 00
18 Mrs. Ed. Honkala,			43			41			3 30		4 14		82 66
19 Peter Heckola,						40			3 20		3 60		37 60
20 Wm. Lucas,						41			3 20		3 61		96 00
21 Wm. Nault,						40			3 20		3 60		93 07
22 Wm. Tamblin,						41			3 20		3 61		96 00
23 Thos. Hupala,						40			4 15		4 55		96 00
24 Sol. Vilemi,						41			3 90		4 31		96 00
25 Jean Tousigent,						40			3 20		3 60		96 00
26 Mike Maunus,			2 88			41			3 20		6 49		79 76
27 Jalmer Laine,						40			3 20		3 60		96 00
28 Waester Pantti,						41			3 20		3 61		77 08
29 Chas. Pascoe,						40			3 20		3 60		96 00
30 Art StJacques,						41			3 20		3 61		96 00
31 Jacob Niemi,						6 62			3 90		10 72		92 54
32 Chas. Kehilo,						41			3 20		3 61		89 87
33 Elias Kockkeri,						40			3 20		3 60		61 61
34 Hy. Anderson,						40			3 61		4 01		96 00
35 John Tretheway,						40			3 21		3 61		96 00
36 Villa Larch,						40			3 21		3 61		96 00
37 Gust Rock,						40			3 21		3 61		88 00
38 Abram Tolonen,						6 66			3 21		9 87		86 14
39 Ad. Lafrenier,			12			40			3 21		3 73		96 00
40 Wm Laplant,						40			3 21		3 61		96 00
41 Peter Robare,						40			4 07		4 47		86 67
42 Harry Sayle,						40			3 61		4 01		68 81
43 Wm. Pascoe,		5 50				2 79			3 30		11 59		94 68
44 Horace Ellwood,						40			3 21		3 61		83 49
45 D. H. Dalton,			1 88			40			3 85		6 13		76 00
46 Vacant,						40			3 21		3 61		47 50
47 "						40			3 21		3 61		28 50
48 "						40			3 21		3 61		
49 Vic. Compnen,						40			3 21		3 61		91 64
50 Emil Fillpula,						40			3 49		3 89		102 00
51 Thos. Tippet,			97			40			3 21		4 58		109 25
52 C. C. Hawes,			5 27			5 23			3 74		14 24		74 40
53 Wm. Palmer,						40			4 16		4 56		99 73
54 Ric. Larson,						40			3 75		4 15		102 00
For'd Total,		5 50	11 83			45 38			181 19		243 90		4636 99
GENERAL EXPENSE:													
26. Insurance,													
32. Taxes,													
31. Advertising,													
Uncollectible Rents,													
Total,													
Depreciation,													
Grand total cost of operating,													
Net Earnings,													
Number of Buildings in good repair,													
" " " " poor "													
" " " unrentable,													
Total Buildings,													
Total Number of Untenanted Buildings—Double,													
" " " " " Single,													
Total Rent Uncollected 1st of Month,													
Total Rent Earnings—Current Month,													
Total,													
Total Rent Collected—Current Month,													
Total Rent Uncollected End of Month,													
Construction Acc't Not Charged Off,													
Insurance Valuation,													

REMARKS: WTR
1/28/13.

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MINING DEPT.

COST SHEET FOR RENTED BUILDINGS.

NORTH LAKE, Continued, LOCATION.

Month of ANNUAL 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
Bro't for'd,		5 50	11 83			45 38			181 19		243 90		4636 99
57 Arthur Tippet,						40			3 21		3 61		89 50
58 Cecil Bray,			1 01			40			3 21		4 62		83 50
59 Alex Thibodeau,						40			3 21		3 61		85 50
60 Ed. Rock,						40			3 21		3 61		28 50
61 Vacant,						40			3 21		3 61		4 75
62 Chas. Lirdell,			74			40			3 21		4 35		15 84
63 Jacob Salo,						40			3 21		3 61		46 18
64 Matt Raine,						40			3 21		3 61		46 18
69 John Gerry,						40			3 49		3 89		83 29
70 J. T. Wills,			1 10			40			3 21		4 71		74 50
71 Jos. Helinius,						40			3 21		3 61		43 92
72 Matt Pellow,						40			3 49		3 89		65 16
73 Peter Morinza,						40			3 21		3 61		76 00
74 Giacoma Vallar,						40			3 21		3 61		66 50
75 Vacant,						40			3 21		3 61		101 65
76 "						40			3 21		3 61		77 90
100 W. H. Thomas,	27					80			10 93		12 00		216 50
101 L. C. Moore,	28		1 92			80			10 93		13 93		230 00
Supt W. W. Graff,		39 11	123 36			29 48			19 26		211 21		360 00
Bd. Ho Mrs. L. Nault,,		1 02	38 54			21 08			18 26		78 90		215 00
Total,	55	45 63	178 50			103 94			292 49		621 11		6647 36
GENERAL EXPENSE:													
26. Insurance,											107 30		
" Sup't. House,											9 48		
32. Taxes,											76		
Ins. Boarding House,											6 36		
31. Advertising,													
Uncollectible Rents,													
Total,											745 01		
Depreciation,											5902 35		
Grand total cost of operating.													6647 36
Net Earnings,													
Number of Buildings in good repair,			39										
" " " " poor "													
" " " unrentable,													
Total Buildings,			39										
Total Number of Untenanted Buildings—Double,													
" " " " " Single,			7	1/2 Houses.								44 10	
											71616 15		
											58325 00		

REMARKS: WTR
1/28/13.
JMC 1/29/13

COST SHEET FOR RENTED BUILDINGS.

PRINCETON LOCATION.

Month of ANNUAL 1913

ACCOUNT NUMBER House Number	MAINTENANCE.								EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
2 John Dunston,			10 75		7 30				8 33		26 38	120 00
4 Ed. Racine,									3 53		3 53	39 00
5 Frank Soardina,			3 50						2 73		10 45	60 00
6 John Francis,			1 92						1 61		3 53	27 00
6 John Wallace,									1 12		1 12	33 00
8 Fred Nault,		9 57	26 43						2 73		39 21	60 00
9 Giacomo Gravitoni,		11 12	52 15						63		66 63	60 00
10 August Rosa,		10 20	27 23						2 73		40 16	72 00
11 Alphonse Pepin,		11 08	112 04						2 73		125 85	34 00
12 R. E. Trénery,		6 88	47 87		1 63				2 73		59 11	60 00
13 Joe Dugas,		5 60	54 81						2 73		63 34	84 00
14 J. Gustafson,			19 21						2 73		21 94	47 33
15 S. J. Sarasin,		12 32	13 71			1 92			2 73		30 68	84 00
18 Henry Loukka,		4 05							3 53		7 58	60 00
18 Chas. Seari,		4 44	15 21						1 61		21 26	48 00
18 Vacant									1 12		1 12	12 00
23 "									2 38		2 38	44 00
24 Battista Betenski,									2 23		2 23	48 00
25 Peter Tiraboschi,			6 95						2 23		9 18	36 00
26 Peter Faashi,									2 23		2 23	48 00
42 Leon Boyer,			28 36						2 73		31 09	29 00
43 Armate Girolomo,		2 17	6 22						2 91		11 30	42 00
49 S. J. Roberts,		7 18	20 42						2 74		30 34	60 00
50 Bert Bianki,			2 07						4 14		6 21	36 00
51 Chas. Jacobson,			88 40						3 30		91 70	46 67
54 J. I. Keeton,			31 06			142 23			10 89		184 18	144 00
58 Victor Salminen,			9 35						2 69		12 04	60 00
59 Louis Bonetti,									2 24		2 24	120 00
Total,		84 81	577 66		8 93		144 15	5 33	86 13		907 01	1614 00
GENERAL EXPENSE:												
26. Insurance,											75 00	
32. Taxes,												
31. Advertising,												
Uncollectible Rents,												
Total,											983 01	
Depreciation,												
Grand total cost of operating,												983 01
Net Earnings,												630 99
Number of Buildings in good repair,												
" " " " poor "												
" " " " unrentable,												
Total Buildings,			27									
Total Number of Untenanted Buildings—Double,												
" " " " " Single,			1								6 00	
Total Rent Uncollected 1st of Month,												
Total Rent Earnings—Current Month,												
Total,												
Total Rent Collected—Current Month,												
Total Rent Uncollected End of Month,												
Construction Acc't Not Charged Off,												
Insurance Valuation,									16165 00			

REMARKS: WTR
1/27/13.

JMS 1/29/13

RENTED BUILDINGS.

MINING

Department.

PRINCETON

Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

120 00	1 12	120 00
96 00	1 12	96 00
80 00	1 12	80 00
64 00	1 12	64 00
48 00	1 12	48 00
32 00	1 12	32 00
16 00	1 12	16 00
00 00	1 12	00 00
16 00	1 12	16 00
32 00	1 12	32 00
48 00	1 12	48 00
64 00	1 12	64 00
80 00	1 12	80 00
96 00	1 12	96 00
120 00	1 12	120 00

RECEIVED

JAN 30 1912

1912

10 75

2 30

2 45

11 12

10 20

11 08

12 32

4 08

4 44

18 21

12 32

19 21

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

24 81

- 2 John Dunston,
- 4 Ed. Reine,
- 8 Frank Bourke,
- 8 John Francis,
- 8 John Wallace,
- 8 Fred Hunt,
- 9 Giacomo Cavalloni,
- 10 August Rosen,
- 11 Alphonse Lepin,
- 12 R. W. Tremery,
- 13 Joe Dugan,
- 14 J. Gustafson,
- 15 G. J. Swain,
- 16 Harry Louisa,
- 18 Chas. Swart,
- 18 Vincent
- 22
- 24 Mattias Betowski,
- 25 Peter Tirovski,
- 26 Peter Tirovski,
- 28 Leon Boyer,
- 28 Leon Boyer,
- 42 Amato Dirono,
- 48 S. J. Roberts,
- 50 Bert Hanks,
- 51 Chas. Jackson,
- 54 J. I. Nestor,
- 58 Victor Salinen,
- 59 Louis Bonetti,

NOTED
E. R. M.

COST SHEET FOR RENTED BUILDINGS.

SALISBURY

LOCATION.

Month of _____ ANNUAL, 1912

ACCOUNT NUMBER	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
1 Thos. Buzzo,						02			1 07		1 09		144 00
2 Walter Vicary,			1 79				7 51		1 07		10 37		96 00
3 J. H. Dunstan,			8 30			04			1 07		9 41		96 00
4 Archie Annett,									1 07		17		22 76
5 Thos. Creer,		3 98						56	1 07		5 61		90 00
6 Mrs. F. Corlett,		2 22						46	1 07		3 75		72 00
7 Jos. H. Graham,		4 17	4 87			02			1 07		10 13		36 00
16 Chas. Kenward,		2 95							1 07		4 02		54 00
17 Yuho Liskenen,		5 45	9 26				46		1 07		16 24		66 40
18 Ras Anderson,								62			62		30 00
18 Mrs. Wm. Conibear,							2 36		17		2 53		30 00
19 Christ Hansen,						02			18		20		42 00
20 Ernest Decaire,								63			63		36 00
22 Oscar Korpi,		62 46				5 77	22		1 87		70 32		64 00
23 Frank Haino,		2 40				1 69	2 66		2 48		9 23		86 70
24 F. H. Matthews,		1 42							1 73		3 15		96 00
25 Robt. Corkin,		1 42				02			1 08		2 52		96 00
26 W. C. Quayle,		3 81							1 08		4 89		96 00
27 Stephen Curphy,		3 60				60			1 36		5 56		96 00
28 Iver Ikkela,		12 02	1 91						1 08		15 01		60 00
29 Antonio Saccoia,		8 15	3 09			1 68			2 36		15 28		60 00
30 Tony A. Bertucci,		3 43				1 68			1 06		6 17		60 00
31 Vernan Dunston,		1 86							18		2 04		60 00
32 Edward Treloar,		98							63		1 61		60 00
33 Oscar Salo,		2 16	2 22						63		5 01		48 34
Off. John T. Dohson,		1 37				1 50			1 83		4 70		48 00
" George Gill,		50	07						2 17		2 74		48 00
Total,		124 35	31 51			14 06	13 21		29 87		213 00		1794 20
GENERAL EXPENSE:													
26. Insurance,											52 04		
32. Taxes,													
31. Advertising,													
Uncollectible Rents,													
Total,											265 04		
Depreciation,													
Grand total cost of operating,													265 04
Net Earnings,													1529 16
Number of Buildings in good repair,			25										
" " " " poor "													
" " " unrentable,													
Total Buildings,			25										
Total Number of Untenanted Buildings—Double,													
" " " " " Single,			0										
Total Rent Uncollected 1st of Month,													
Total Rent Earnings—Current Month,													
Total,													
Total Rent Collected—Current Month,													
Total Rent Uncollected End of Month,													
Construction Acc't Not Charged Off,													
Insurance Valuation,											70 34		
											16450 00		

REMARKS: WTR
1/14/13.

WTR 1/16/13

COST SHEET FOR RENTED BUILDINGS.

SECOND ADDITION LOCATION.

Month of _____ ANNUAL, 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									Total for Month	Total for Year	EARNINGS.	
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous			For the Month	For the Year
1 Gust Salminen,	34 65	6 25	37 27	10 36		22 20	33 15		21 36		165 18	87 65	
2 Richard Lemm,	34 65		11 76		6 00	45 70	33 15		15 33		146 59	96 00	
3 John Olds,	34 65		13 90			21 90	33 15		12 89		116 49	96 00	
4 Frank Velin,	34 65		9 65			2 85	33 15		12 89		93 19	96 00	
5 Chas. Walline,	34 65		11 44				33 15		12 89		92 13	96 00	
6 Andrew Manley,	34 65		7 41			22 65	33 15		12 88		110 74	93 10	
7 Chris Hansen,	34 65		13 41	3 45		4 25	33 15		12 89		101 80	96 00	
8 Wm. Olds,	34 65		8 73			23 05	33 15		12 89		112 47	96 00	
9 A. Gustafson,	34 65		6 67				33 15		12 89		87 36	96 00	
10 James Williams,	34 65		9 36			5 44	33 15		12 89		95 49	96 00	
11 Matt Thompson,	34 65		7 53			1 25	33 15		12 89		89 47	96 00	
12 Peter Rose,	34 65		11 46			5 85	33 14		12 89		97 99	94 00	
13 F. J. Williams,	34 65		15 05	3 45		2 20	33 14		12 89		101 38	96 00	
14 Frank Halverson,	34 65		8 48	3 45			33 14		12 89		92 61	96 00	
15 Nick Peterson,	34 65		11 94			13 52	33 14		12 89		106 14	96 00	
16 Martin Peterson,	34 65		31 03			3 55	33 14		12 89		115 26	120 00	
17 Victor Holm,	34 65	39 55	13 33	3 44		45 02	33 14		12 89		182 02	105 58	
18 Chas. Larson,	34 65	18 16	13 85			12 90	33 14		15 52		128 22	107 33	
19 Gust Holmgren,	34 65		11 65	6 05		2 30	33 14		12 89		100 68	96 00	
20 Victor Carlson,	34 65		15 90	4 03		8 40	33 14		12 89		109 01	96 00	
Total,	693 00	63 96	269 82	34 23	6 00	243 03	662 91		271 27		2244 22	1953 66	
GENERAL EXPENSE:													
26. Insurance,												36 00 ✓	
32. Taxes,												177 35 ✓	
31. Advertising,													
Uncollectible Rents,													
Total,												2457 57	
Depreciation,												687 78	
Grand total cost of operating,													3145 35
Net Earnings,													L 1191 69
Number of Buildings in good repair,			20								Total Rent Uncollected 1st of Month,		
" " " " poor "											Total Rent Earnings—Current Month,		
" " " unrentable,											Total,		
Total Buildings,			20								Total Rent Collected—Current Month,		
Total Number of Untenanted Buildings—Double,											Total Rent Uncollected End of Month,		
" " " " " Single,											Construction Acc't Not Charged Off,		
											23446 54	42 00	
											14400 00 ✓		

REMARKS: WTR
1/16/13.

JMS 1/16/13

THE CLIFFS IRON CO.

RENTED BUILDINGS.

MINING

Department.

GWIN N MINE

Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

RECEIVED

JAN 31 1913

Acc. Ans.

NOTED

E. R. M.

49

1/31/13

MINING DEPT.

COST SHEET FOR RENTED BUILDINGS.

WEBSTER LOCATION.

Month of _____ ANNUAL _____ 1912.

ACCOUNT NUMBER House Number	MAINTENANCE.									EARNINGS.			
	50 Painting Outside	51 Interior Decoration	52 Carpenter Work	53 Mason Work	54 Heating Plant	55 Plumbing	56 Walks, Yards and Fences	57 Water and Light	58 Miscellaneous	Total for Month	Total for Year	For the Month	For the Year
1 Vacant													
2 "													4 00
3 Ole Parvenen,			1 00								1 00		14 00
3 Vacant													2 00
4 "													
5 "													
Total,			1 00								1 00		20 00
GENERAL EXPENSE:													
26. Insurance,											8 54		
32. Taxes,													
31. Advertising,													
Uncollectible Rents,													
Total,											9 54		
Depreciation,													
Grand total cost of operating.													9 54
Net Earnings,													
Number of Buildings in good repair,			5							Total Rent Uncollected 1st of Month,			
" " " " poor "										Total Rent Earnings—Current Month,			
" " " unrentable,										Total,			
Total Buildings,			5							Total Rent Collected—Current Month,			
Total Number of Untenanted Buildings—Double,										Total Rent Uncollected End of Month,			
" " " " " Single,			4							Construction Acc't Not Charged Off,			
										27 00		9 00	

REMARKS: WTR

1/27/13.

Both Earnings and Expenditures closed off to Operating Mine.

JMB 1/29/13

THE CLEVELAND CLIFFS IRON CO.

RENTED BUILDINGS.

MINING Department.

WEBSTER Location.

COST SHEET FOR THE MONTH OF

ANNUAL, 1912.

4 00
00 14
00 2

1 Vacant
2 " " " " " "
3 One Payment
4 Vacant
5 " " " " " "
6 " " " " " "

RECEIVED

JAN 31 1913

Acc. Ans.

NOTED

E. R. M.

1 00
8 34

1 00

9 24
10 48

50

9 00

2100 00

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.
SUMMARY FROM LABOR STATEMENT FOR THE YEAR ENDING DECEMBER 31ST, 1912.
SURFACE AND UNDERGROUND.

M I N E.	AVERAGE		RATE	AMOUNT		TONS PER		COST	PRODUCT.
	NUMBER	NUMBER				MAN PER	PER		
	MEN	OF DAYS	PER DAY			DAY	TON		
<u>SURFACE.</u>									
✓ Hard Ore Mine,	8	2157	2 10	4536	87	8 79	.239	18960	
✓ Lake "	58	17903	2 34	41877	69	18 75	.499	392560	
✓ Cliffs Shaft "	49	15844	2 27	36044	94	16 50	.138	261320	
✓ Salisbury "	31	9286	2 36	21932	28	12 18	.194	113181	
✓ Ashland "	44	13402	2 50	33448	95	11 22	.222	150424	
✓ Crosby "	16	4928	2 72	13406	02	23 44	.116	115505	
✓ Imperial " ✓	6	1719	2 50	4301	21				
✓ Maas " ✓	18	5520	2 37	13061	85	10 88	.218	60058	
Lucy, "								1319	
✓ Princeton " ✓	10	3042	2 55	7764	19	7 42	.344	22567	
✓ Stephenson " ✓	48	14145	2 38	33608	77	14 80	.161	209282	
✓ Austin " ✓	28	8580	2 34	20096	64	13 51	.173	115934	
✓ Gwinn " ✓	5	1472	2 62	3841	20				
✓ North Lake " (Morris) -	29	9141	2 35	21513	87			5370	
North Lake Explorations,	-	✓	5 00	2	50				
Chase Mine,	4	✓ 1343	2 33	3123	74			4489	
✓ Negaunee Mine,	84	✓ 26418	2 34	61895	08	10 23	.229	270232	
North Jackson Mine,	5	✓ 1720	3 17	5460	19				
✓ South Jackson " ✓	2	✓ 538	1 97	1060	15	93 26	.021	50166	
Miscellaneous,	15	✓ 4651	2 67	12420	75				
Carp River Water Power,	84	✓ 26119	2 34	61258	84				
✓ North Lake (Lloyd) Mine, +	24	✓ 7354	2 33	17157	26	18 99	.123	139635	
✓ Athens M'ng. Co.	3	✓ 229	2 94	673	00				
Total Surface,	571	175516	2 38	418485	99	11 00	.217	1931002	
<u>UNDERGROUND:</u>									
✓ Hard Ore Mine,	17	5074	2 58	13075	03	3 74	.686	18960	
✓ Lake "	196	58588	2 86	167714	69	5 73	.499	392560	
✓ Cliffs Shaft "	206	61182	2 73	167114	73	4 27	.640	261320	
✓ Salisbury "	109	32593	2 71	88290	84	3 47	.781	113181	
✓ Ashland "	116	34974	2 66	92880	55	4 31	.616	150424	
✓ Crosby "	45	14252	2 47	35215	70	8 11	.305	115505	
✓ Imperial " ✓	1	✓ 312	4 23	1320	00				
✓ Maas " ✓	53	15868	2 62	41622	52	3 79	.693	60058	
Lucy " ✓								1319	
✓ Princeton " ✓	26	7266	2 77	20152	55	3 11	.893	22567	
✓ Stephenson " ✓	225	67597	2 63	177716	55	3 10	.849	209282	
✓ Austin " ✓	97	29120	2 70	78720	54	3 98	.679	115934	
✓ Gwinn " ✓	-	✓ 8	4 03	32	26				
✓ North Lake " (Morris)	48	✓ 15031	2 89	43506	91			5370	
Chase " ✓	8	✓ 2472	3 04	7522	66			44 89	
✓ Negaunee " ✓	228	67936	2 63	178415	52	3 98	.660	270232	
✓ South Jackson " ✓	17	5472	2 17	11899	88	9 17	.237	50166	
✓ North Lake " (Lloyd)	106	33037	2 73	90440	01	4 23	.648	139635	
Total Underground,	1493	450788	2 70	1215640	64	4 29	.629	1931002	
Total Surface & Underground Prod.	2069	626304	2 61	1634126	63	3 08	.846	1931002	

Total product per cost Sheets, 1874272
 Lake Mine previous years Stockpile overrun, 56730
 Total product per form 123, 1931002

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.

SUMMARY FROM LABOR STATEMENT FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	AVERAGE	NUMBER	RATE	AMOUNT	
	NUMBER					PER
	OF MEN	OF DAYS	DAY		
Total Surface & Underground, Brot. Forward,	2069	626304	2 61	1634126	63
<u>GENERAL PAY-ROLL:</u>					
Cleveland-Cliffs Iron Company,	63	19400	5 25	101923	12
Cleveland Iron Mining Company,	11	3282	5 81	19085	50
Iron Cliffs Company,	15	4696	5 65	26726	33
Negaunee Mine,	12	3612	5 69	20570	67
Jackson Iron Company,	1	429	4 24	1824	30
Athens Mining Company,	1	33	3 28	108	44
<u>Total General Pay-Roll,</u>	103	31454	5 41	170238	36
<u>OUTSIDE PARTIES:</u>					
Cleveland-Cliffs Iron Company,	90	27876	2 44	67943	82
Cleveland Iron Mining Company,	42	12793	2 50	32044	98
Iron Cliffs Company,	33	9771	2 56	25058	02
Negaunee Mine,	5	1471	2 76	4059	15
Jackson Iron Company,	6	1943	2 41	4675	35
Athens Mining Company,	-	-	-	-	-
<u>Total Outside Parties,</u>	176	53855	2 48	133781	32
Grand Total Pay-Rolls, 1912,	2348	711614	2 72	1938146	31
Grand Total Pay-Rolls, 1911,	2783	836069	2 68	2233686	80

COMPARATIVE REPORT FROM LABOR STATEMENTS 1912 & 1911.

	GENERAL PAY-ROLL		OUTSIDE PARTIES	
	RATE PER DAY		RATE PER DAY	
	1912	1911	1912	1911
Cleveland-Cliffs Iron Company,	5 25	5 30	2 44	2 43
Cleveland Iron Mining Company,	5 81	5 60	2 50	2 51
Iron Cliffs Company,	5 65	5 74	2 56	2 65
Negaunee Mine,	5 69	5 95	2 76	2 67
Jackson Iron Company,	4 24	4 87	2 41	2 31
Athens Mining Company,	3 28	-	-	-
<u>Total General Pay-Roll,</u>	5 41	5 43	2 48	2 49

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.
SUMMARY FROM LABOR STATEMENTS FOR THE YEAR ENDING DECEMBER 31ST, 1912.
TOTAL BY MINES & COMPANIES.

MINES & EXPLORATIONS:	AVG. NO. MEN	NUMBER OF DAYS	RATE PER DAY		AMOUNT	TONS PER MAN PER DAY		COST PER TON	PRODUCT
<u>The Cleveland-Cliffs Iron Co.</u>									
Ashland Mine,	160	48376	2	61	126329	50	3 11	.838	150424
Crosby "	61	19180	2	53	48621	72	6.02	.421	115505
Imperial "	7	2031	2	77	5621	21			
North Lake " (Lloyd)	130	40392	2	68	107597	27	3 46	.771	139635
Maas "	71	21388	2	56	54684	37	2 81	.911	60058
Lucy "									1319
Princeton "	36	10308	2	71	27916	74	2 19	1.237	22567
Stephenson "	273	81743	2	59	211325	32	2 56	1.010	209282
Austin "	125	37700	2	62	98817	18	3 07	.852	115934
Gwinn "	5	1480	2	62	3873	46			
North Lake " (Morris)	77	24172	2	69	65020	78			5370
North Lake Explorations,			5	00	2	50			
Chase Mine,	12	3815	2	79	10646	40			4489
Miscellaneous,	15	4651	2	67	12420	75			
Carp River Water Power,	84	26119	2	34	61258	84			
General Labor,	63	19400	5	25	101923	12			
<u>Total C.C.I.Co.,</u>	1119	340762	2	75	936059	16	2 42	1.135	824583
<u>Cleveland Iron Mining Co.</u>									
Hard Ore Mine,	25	7231	2	44	17611	90	2 62	.925	18960
Lake, "	254	76491	2	74	209592	38	4 39	.624	392560
General Labor,	11	3282	5	81	19085	50			
<u>Total C.I.M.Co.</u>	290	87006	2	83	246289	78	4 73	.598	411520
<u>Iron Cliffs Co.</u>									
Cliffs Shaft Mine,	255	77026	2	64	203159	67	3 39	.778	261320
Salisbury,	140	41879	2	63	110222	82	2 70	.975	113181
General Labor,	15	4696	5	65	26726	33			
<u>Total I. C. Co.</u>	410	123602	2	75	340108	82	3 03	.908	374501
<u>Negaunee Mine.</u>									
Negaunee Mine,	312	94354	2	55	240310	60	2 86	.889	270232
General Labor,	12	3612	5	69	20570	67			
<u>Total Negaunee Mine.</u>	324	97966	2	66	260881	27	2 76	.965	270232
<u>Jackson Iron Company.</u>									
North Jackson,	5	1720	3	17	5460	19			
South Jackson,	19	6010	2	16	12960	03	8 35	.258	50166
General Labor,	1	429	4	24	1824	30			
<u>Total J/ I. Co.,</u>	25	8159	2	48	20244	52	6 15	.404	50166
<u>Athens Mining Company.</u>									
Athens Explorations,	3	229	2	94	673	00			
General Labor,	1	33	3	28	108	44			
<u>Total Athens M'ng. Co.,</u>	4	262	2	98	781	44			
Total Outside Parties,	176	53855	2	48	133781	32			
Total All Companies, 1912,	2348	711614	2	72	1938146	31	2 71	1.004	1931002
Total All Companies, 1911,	2774	836069	2	68	2233686	80	2 48	1.076	2076435

THE CLEVELAND-CLIFFS IRON COMPANY.

MINING DEPARTMENT.

COMPARATIVE REPORT FROM SUMMARY OF LABOR STATEMENTS FOR THE YEAR 1912 & 1911.

MINES & EXPLORATIONS:	RATE PER DAY		TONS PER MAN PER DAY				COST PER TON		TOTAL PRODUCT	
	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911
<u>SURFACE:</u>										
Ashland Mine,	2 50	2 47	11 22	12 89	.222	.192	150424	181867		
Crosby "	2 72	2 63	23 44	13 62	.116	.193	115505	77927		
Imperial "	2 50	2 40		16 90		.142		104550		
North Lake Lloyd,	2 33	2 29	18 99	12 72	.123	.180	139635	65162		
Maas Mine,	2 37	2 33	10 88		.218		60058	5977		
Lucy "		2 28		7 26		.314	1319	29547		
Princeton "	2 55	2 43	7 42	12 93	.344	.188	22567	96670		
Stephenson "	2 38	2 41	14 80	15 11	.161	.160	209282	226022		
Austin "	2 34	2 23	13 51	15 71	.173	.142	115934	145221		
Gwinn "	2 62	2 34						537		
North Lake Morris,	2 35	2 28					5370			
North Lake Exploratory,	5 00									
Chase Mine,	2 33	2 27					4489	1935		
Miscellaneous,	2 67	2 70								
Carp River Water Power,	2 34	2 20								
North Western Opening,		2 67								
Hard Ore Mine,	2 10	2 17	8 79	11 22	.239	.193	18960	79781		
Lake "	2 34	2 36	18 75	17 71	.499	.133	392560	313865		
Cliffs Shaft Mine,	2 27	2 33	16 50	13 37	.138	.174	261320	239299		
Salisbury "	2 36	2 36	12 18	10 19	.194	.232	113181	104533		
Negaunee "	2 34	2 38	10 23	12 61	.229	.189	270232	350926		
North Jackson	3 17	2 89								
South Jackson "	1 97	2 06	93 26	112 45	.021	.019	50166	52616		
Athens Explorations,	2 94									
Total Surface,	2 38	2 36	11 00	9 17	.217	.257	1931002	2076435		
<u>UNDERGROUND:</u>										
Ashland Mine,	2 66	2 65	4 31	3 99	.616	.664	150424	181867		
Crosby "	2 47	2 54	8 11	4 05	.305	.627	115505	77927		
Imperial "	4 23	2 80		5 20		.538		104550		
North Lake Lloyd,		2 83	4 23	3 16	.648	.894	139635	65162		
Maas, Mine,	2 62	3 12	3 79		.693		60058	5977		
Lucy "		2 48		3 42		.725	1319	29547		
Princeton Mine,	2 77	2 65	3 11	3 87	.893	.684	22567	96670		
Stephenson "	2 63	2 58	3 10	3 64	.849	.709	209282	226022		
Austin "	2 70	2 65	3 98	4 06	.679	.654	115934	145221		
Gwinn "	4 03	2 74						537		
North Lake Morris,	2 89	3 07					5370			
Chase Mine,	3 04	3 04					4489	1935		
Negaunee Mine,	2 63	2 60	3 98	4 37	.660	.595	270232	350926		
South Jackson Mine,	2 17	2 17	9 17	9 11	.237	.239	50166	52616		
Hard Ore Mine,	2 58	2 58	3 74	3 30	.686	.785	18960	79781		
Lake Mine,	2 86	2 79	5 73	5 43	.499	.514	392560	313865		
Cliffs Shaft Mine,	2 73	2 72	4 27	4 20	.640	.648	261320	239299		
Salisbury, "	2 71	2 64	3 47	3 21	.781	.822	113181	104533		
Total Underground,	2 70	2 67	4 29	3 96	.629	.673	1931002	2076435		
Total Surface & Underground,	2 61	2 57	3 08	2 77	.846	.930	1931002	2076435		

H.B.
2/28/13.

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.
SUMMARY FROM LABOR STATEMENTS FOR THE YEAR ENDING DECEMBER 31ST, 1912.
TOTAL COMPANIES.

	NO. OF MEN	DAYS	RATE PER DAY	AMOUNT	
<u>The Cleveland-Cliffs Iron Company.</u>					
Mines and Operations,	1119	340762	2.75	936059	16
Outside Parties and Accounts,	90	27876	2.44	57943	82
<u>Grand Total,</u>	1209	368638	2.72	1004002	98
<u>The Cleveland Iron Mining Company.</u>					
Mines and Operations,	290	87006	2.83	246289	78
Outside Parties, and Accounts	42	12793	2.50	32044	98
<u>Grand Total,</u>	332	99799	2.79	278334	76
<u>The Iron Cliffs Company.</u>					
Mines and Operations,	410	123602	2.75	340108	82
Outside Parties, and Accounts	33	9771	2.56	25058	02
<u>Grand Total,</u>	443	133373	2.74	365166	84
<u>Megaunee Mine.</u>					
Mines and Operations,	324	97966	2.66	260881	27
Outside Parties and Accounts,	5	✓ 1471	2.76	4059	15
<u>Grand Total,</u>	329	99438	2.66	264940	42
<u>Jackson Iron Company.</u>					
Mines and Operations,	25	8159	2.48	20244	52
Outside Parties and Accounts,	6	1943	2.41	4675	35
<u>Grand Total,</u>	31	10102	2.47	24919	87
<u>Athens Mining Company.</u>					
Mines and Operations,	4	262	2.98	781	44
Outside Parties, and Accounts	-	-	-	-	-
<u>Grand Total,</u>	4	262	2.98	781	44
Grand Total All Companies 1912,	2348	711614	2.72	1938146	31
Grand Total All Companies 1911,	2774	836069	2.68	2233686	80

H.B.
3/1/13.

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	Y E A R 1 9 1 2			ST. ELECTRIC PLANTS YEAR 1911	ST. ELECTRIC PLANTS 8 MONTHS 1910		
	1 MONTH ST. ELECTRIC PLANTS	11 MONTHS ST. ELECT. & CARP PLANTS	TOTAL				
Hours Operated,	744	8449	9193	12106			
Hours Idle,	744	15309	16053	5414			
Kilowat Hours Generated,	316910	6508750	6825660	4910245	1759050		
" " Used by Auxiliaries,	35825	82308	118133	738284			
" " Delivered to Line,	291085	6426442	6707527	4171961			
" " Used (Meter Readings),	213646	5051911	5265557	3330369	1065742		
" " Lost in Transmission,	67439	1374531	1441970	841592			
Per Cent of Loss in Transmission,	24%	21.4%	21.5%	20.2%			
GENERAL EXPENSE:							
Insurance,	26	3 11	3 37	18 66	9 24		
Local Office Expense,		139 72	139 72	49 38			
Personal Injury Expense,							
Taxes,		3954 89	3954 89				
Central Office,		515 38	515 38	371 39			
TOTAL GENERAL EXPENSE,	26	4613 10	4613 36	439 43	9 24		
MAINTENANCE - LABOR:							
Buildings,							
Dam, Pipe Line and Race,				(1) 1028 41	173 20		
Boiler Plant,	10 30	9 78	20 08	286 08	90 77		
Turbines and Generators,	4 94	45 63	51 57	20 72	2 24		
Sub-station Equipment,	3 77	41 61	45 38	1153 33	370 02		
Transmission Line,	6 00	1280 65	1286 65	636 23			
TOTAL MAINTENANCE (LABOR),	25 01	1378 67	1403 68	2488 54	636 23		
MAINTENANCE - MATERIAL:							
Buildings,		75 53	75 53				
Dam, Pipe Line and Race,		27 05	27 05				
Boiler Plant,	100 66	68 28	168 94	(1) 1511 45	180 74		
Turbines and Generators,	137 41	499 39	636 80	939 01	194 07		
Sub-station Equipment,		80 40	80 40	12 32	4 58		
Transmission Line,	7 50	507 90	515 40	670 68	35 77		
TOTAL MAINTENANCE (MATERIAL),	245 57	1258 55	1504 12	3133 46	415 16		
TOTAL MAINTENANCE (LABOR & MATERIAL),	270 58	2637 22	2907 80	5622 00	1051 39		
OPERATING:							
Engineers, Operators and Assistants,	188 31	3587 43	3775 74	2958 61	1711 75		
Firemen and Helpers,	375 26	598 19	973 45	5635 69	1642 05		
Other Operating Labor,	25 77	237 75	263 52	99 54	347 51		
Steam Coal, Yr. '12, 1702-1545; Yr. '11, 105103; Yr. '10, 4817-1160	1794 68	2339 11	4133 79	27098 43	11334 44		
Water,	169 54	506 27	675 81	3319 72	899 84		
Oil, Waste and Packing,	27 44	125 89	153 33	284 23	112 40		
Tools and Miscellaneous Supplies,	50 39	242 49	292 88	1493 65	395 83		
Sub-station, Hard Ore Heating,		475 65	475 65				
TOTAL OPERATING,	2631 39	8112 78	10744 17	40889 87	16443 82		
TOTAL COST OF GENERATING POWER,	2902 23	15363 10	18265 33	46951 30	17504 45		
DEPRECIATION: (.003 K. W. Hrs. used)							
Construction (To Steam Electric Installation) Improvement,	640 94	15155 73	15796 67	9991 10	(2) 2506 28		
TOTAL,	640 94	15155 73	15796 67	9991 10	2506 28		
GRAND TOTAL COST OF POWER,	3543 17	30518 83	34062 00	56942 40	20010 73		
TOTAL COST PER KW:							
At Switchboard,	.009158	.002360	.002676	.009562	.009951		
do. including depreciation,	.011086	.004689	.004990	.011597	.011576		
Meter Readings,	.013584	.003041	.003469	.014098	.016122		
do. including depreciation,	.016584	.006041	.006469	.017098	.018430		
STEAM ELECTRIC			CARP RIVER				
	1912	1911	1910	1912	1911		
Construction amt. not charged off \$278041.83; \$287343.47; \$259777.27 Const. amt. not charged off \$676559.16; \$551820.86							
26 Miles, 30,000 Volts, 3 Phase Transmission Line,				10 Miles, 30,000 Volts, 3 Phase Transmission Line			
Max. Rated Cap. 2 Steam Turbines, 2000 Kws.				Rated Cap. 2 Units, 5000 Kw. In Kw. Hr. 24 Hrs. 120,000			
In Kw. Hrs. 24 Hrs. 48,000, Est. Loss in Trans. 16%				Estimated Loss in Transmission at Rated Cap. 6%			
DISTRIBUTION OF POWER							
DELIVERED TO:-	YEAR 1912			YEAR 1911		YEAR 1910	
	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
Hard Ore,	355 81	788 83	315 14				
Lake,	1840 93	3334 35	2990 75				
Cliffs Shaft,	1678 65	2872 46	179 83				
Salisbury,	1731 81						
Central Office,	103 48	87 48					
Maas,	1902 69	600 86	2829 84				
Austin,	2075 97	4538 00	769 04				
Princeton,	2553 83	6648 63	3261 46				
Stephenson,	2475 80	3271 99	2278 85				
Gwinn,	2 62	12620 26					
Morris,	11494 35	7602 56	696 70				
Lloyd,	3380 79	4877 97	472 02				
Chase,	1196 27	4136 26	3132 97				
Carp River Water Power,	100 00						
Opt. Carp River Water Power, Station Lights,	109 80						
Pioneer Iron Co., Furnace Dept.,	5150 40						
Negaunee Mine,	8840 80	5314 74	2826 86				
Outside parties; Marquette Co. Gas & Electric Co.,	1284 60	1133 68					
Marquette Light & Power Commission,	2257 50						
City of Negaunee,	1420 52	208 00	118 56				
Various Persons,	2277 24	2161 94	682 96				
Total,	52233 86	60198 01	20554 98				
Gain,	18171 86	3255 61	544 25				
Total,	34062 00	56942 40	20010 73				

REMARKS:- See back of statement for explanations.

TJR-AL.
6-20-13-4.

REMARKS:-

(1) Maintenance Boilers: for year 1911
 54% of Maintenance of Maas Boilers to Nov. 30th, Labor \$758.66, Supplies \$691.60

(2) Depreciation:

Depr. based on .003 per Kw. Hr. Used from Sept. 1st to Dec. 31st, 1910 \$1955.69
 Gain for May, June, July & August 1910, 550.59
 Total Depreciation as above, \$2506.28

Current sold to Mines and Accounts, excepting Negaunee Mine, at cost for years 1910 & 1911.
 Negaunee Mine charged .02 per Kw. Hr.

From January 1st, 1912 current sold to Mines and Accounts at .01 per Kw. Hr. and
 Pioneer Iron Co. at .005 per Kw. Hr.

Steam Electric Plant started operating May 8th, 1910.
 Carp River Plant started operating February 16th, 1912.

DISTRIBUTION OF GROSS EARNINGS

	<u>1912</u>		<u>1911</u>		<u>1910</u>	
	Amount	%	Amount	%	Amount	%
Operating Cost,	18265.33	35.0	46951.30	78.0	17504.45	85.2
Depreciation,	15796.67	30.2	9991.10	16.6	2506.28	12.2
Earnings,	18171.86	34.8	3255.61	5.4	544.25	2.6
<u>Total.</u>	<u>52233.86</u>	<u>100.0</u>	<u>60198.01</u>	<u>100.0</u>	<u>20554.98</u>	<u>100.0</u>
<u>DIVISION OF OPERATING COSTS</u> 56						
General Expense,	4613.36	25.3	439.43	.9	9.24	.1
Maintenance,	2907.80	15.9	5622.00	12.0	1051.39	6.0
Operating,	10744.17	58.8	40889.87	87.1	16443.82	93.9
<u>Total.</u>	<u>18265.33</u>	<u>100.0</u>	<u>46951.30</u>	<u>100.0</u>	<u>17504.45</u>	<u>100.0</u>
<u>DIVISION OF GROSS EARNINGS</u>						
Mines and Accounts,	44994.00	86.1	56694.39	94.2	19753.46	96.1
Outside Parties,	7239.86	13.9	3503.62	5.8	801.52	3.9
<u>Total.</u>	<u>52233.86</u>	<u>100.0</u>	<u>60198.01</u>	<u>100.0</u>	<u>20554.98</u>	<u>100.0</u>

MAY 29 1911

THE CLEVELAND CLIFFS IRON COMPANY
MINING DEPARTMENT
AU TRAIN WATER POWER PLANT.

ANNUAL COMPARATIVE STATEMENT OF COST OF OPERATING PLANT FOR YEARS 1910-11 & 12.

	YEAR 1912	YEAR 1911	2 MO'S. YEAR 1910
Hours Operated,	8565 1/2	8552	
" Idle,	218 1/2	208	
Kilowat Hours Generated,	3114800	3628000	257200
" " Used by Auxiliaries,	000	000	000
" " Delivered to Lines,	3114800	3628000	257200
" " Used (Meter Readings),	2935000	3358100	239000
" " Lost in Transmission,	179800	269900	18200
Per Cent of Loss in Transmission,	5.8%	7.4%	7.1%
<u>GENERAL EXPENSE:</u>			
Local Office Expense,	36 96	108 15	
Personal Injury Expense,			
Taxes,	1132 61	1064 64	42 22
Central Office,	208 13	(1) 20 68	
<u>Total General Expense,</u>	<u>1377 70</u>	<u>1193 47</u>	<u>42 22</u>
<u>MAINTENANCE (LABOR):</u>			
Buildings,			
Dam, Pipe Line and Race,	5 00	8 25	
Water Wheels and Governors,			
Generators and Motors,		1 00	
Sub-station Equipment,		21 65	
Transmission Line,	11 58	76 50	
<u>Total Maintenance (Labor),</u>	<u>16 58</u>	<u>107 40</u>	
<u>MAINTENANCE (MATERIAL):</u>			
Buildings,	7 58		
Dam, Pipe Line and Race,	43	81	
Water Wheels and Governors,	6 80	55	
Generators and Motors,	11 20	11 88	
Sub-station Equipment,		80 72	
Transmission Line,	23 26	33 32	
<u>Total Maintenance (Material),</u>	<u>49 27</u>	<u>127 28</u>	
<u>Total Maintenance (Labor & Material),</u>	<u>65 85</u>	<u>234 68</u>	
<u>OPERATING:</u>			
Electricians, Operators & Helpers, 3 Men,	2760 00	2700 00	293 00
Other Operating Labor,		5 77	
Oil, Waste and Packing,	34 96	54 51	
Tools and Miscellaneous Supplies,	56 72	55 70	
Fuel and Light,	19 50		
<u>Total Operating,</u>	<u>2871 18</u>	<u>2815 98</u>	<u>293 00</u>
<u>Total Cost of Generating Power,</u>	<u>4514 73</u>	<u>4244 13</u>	<u>335 22</u>
<u>DEPRECIATION:</u>			
Construction (.002 per kw. hr. used)	5870 00	(2) 7194 20	
Construction (Au Train Dwelling)			5 50
<u>Total,</u>	<u>5870 00</u>	<u>7194 20</u>	<u>5 50</u>
<u>Grand Total Cost of Power,</u>	<u>10184 73</u>	<u>11438 33</u>	<u>340 72</u>
<u>TOTAL COST PER KW. HOUR:</u>			
At Switchboard,	.0013852	.0011700	.001303
Meter Readings,	.0014701	.0012640	.001402
do. including depreciation,	.0034701	.0034061	

(3)

Construction account not charged off \$ 92389.48 98229.51 104880.38
 14 Miles, 13000 Volt, 3 Phase Transmission Line, Maximum capacity of Plant at
 Present Head of Water, 780 Kw. Maximum capacity of Plant in Kw. Hours per 24
 hours, 18720. Theoretical loss in trans. line at Max. Cap., 80% Power factor 8.3%.
 Au Train Storage Basin balance, \$ 2210.32 2188.64

DISTRIBUTION OF POWER

DELIVERED TO:	YEAR 1912	YEAR 1911	2 MO'S. YEAR 1910
Munising Paper Co., Ltd.,	14675 00	16790 50	1195 00
Gain,	4490 27	5352 17	854 28
<u>Total,</u>	<u>10184 73</u>	<u>11438 33</u>	<u>340 72</u>

REMARKS:- (1) Central Office, Charge made in December month only in year 1911.

(2) Depreciation, Amount of \$478.00 depreciation charge for 1910 is shown in the 12 months of 1911.

TJR-AL.
 5-27-13-3. (3) Construction account not charged off as above, \$104880.38
 Construction account not charged off, Au Train Dwg., 2361.85
Total per December 1910 Constr. Statement, \$107242.23

Plant started operating November 19th, 1910.

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THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT
COMPARATIVE STATEMENT SHOWING OPERATING AND MAINTENANCE COSTS FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	CLIFFS SHAFT CRUSHER.						JACKSON CRUSHER.									
	LABOR		SUPPLIES		TOTAL		PER TON		LABOR		SUPPLIES		TOTAL		PER TON	
	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911
Product Tonnage Crushed															50,166	52,616
					261,320	239,299									58,028	65,095
OPERATING.																
Power Crushing	881	34	783	35	783	35	.006	.014	1053	15	753	30	1806	45	.031	.040
			251	44	1132	78	.009	.014	720	65	106	49	827	14	.014	.021
Total,	881	34	1034	79	1916	13	.015	.028	1773	80	859	79	2633	59	.045	.061
Tram Hoisting Ore to Crusher & Loading	857	13	43	17	900	30	.007	.011	1084	83	510	71	1595	54	.028	.017
Total,	857	13	43	17	900	30	.007	.011	1084	83	510	71	1595	54	.028	.017
Grand Total,	1738	47	1077	96	2816	43	.022	.039	2858	63	1370	50	4229	13	.073	.078
MAINTENANCE.																
Power Crushing	86	51	138	92	225	43	.002	.001	340	44	44	46	384	90	.007	.006
	407	86	1361	95	1769	81	.014	.013	190	27	222	69	412	96	.007	.020
Total,	494	37	1500	87	1995	24	.016	.014	530	71	267	15	797	86	.014	.026
Tram	300	50	674	77	975	27	.008	.003								
Total,	300	50	674	77	975	27	.008	.003								
Grand Total,	794	87	2175	64	2970	51	.024	.017	530	71	267	15	797	86	.014	.026
Grand Total Operating & Maintenance,	2533	34	3253	60	5786	94	.046	.056	3389	34	1637	65	5026	99	.087	.104
Per Cent			.020	.026			.046				.059	.028			.087	
General Repairs Season 1911 and 1912									128	65	251	16	379	81	.007	.019
Switching Cars to Crusher											87	50	87	50	.001	.002
Depreciation 56592 Tons @ .05											2829	60	2829	60	.049	.051
Total,									3517	99	4805	91	8323	90	.144	.072
Less Fuel Adjustment											268	06	268	06	.005	
Grand Total,	2533	34	3253	60	5786	94	.046	.056	3517	99	4537	85	8055	84	.139	.176

	CLASSIFICATION OF SUPPLIES.				CLASSIFICATION OF SUPPLIES.					
	OPERATING.		OPERATING.		MAINTENANCE.		MAINTENANCE.			
	AMOUNT	COST PER TON	AMOUNT	COST PER TON	AMOUNT	COST PER TON	AMOUNT	COST PER TON		
Fuel, Boilers										
Electric Power	769	08	.006	.014			1150	93	.020	.021
Total Power,	769	08	.006	.014			1150	93	.020	.021
General Supplies	81	38	.001	.001			99	10	.001	.001
Oil and Grease	146	93	.001	.002			79	39	.001	.001
Light and Heating	80	57	.001	.000			41	08	.001	.000
Total Other Supplies,	308	88	.003	.003			219	57	.003	.002
Total Operating,	1077	96	.009	.017			1370	50	.023	.023
MAINTENANCE.										
General Supplies	32	82	.000	.000			43	74	.001	.000
General Repair Parts	1939	18	.015	.007			16	44	.000	.013
Shop Labor and Teaming	203	64	.002	.003			206	97	.003	.001
Total Maintenance,	2175	64	.017	.010			267	15	.004	.014
Total Operating & Maintenance,	3253	60	.026	.027			1637	65	.028	.037
Depreciation etc.,							2900	20	.050	.065
GRAND TOTAL AS ABOVE,	3253	60	.026	.027			4537	85	.078	.102

Review of Expenses to Card of Recd.

Crushing & Screening ore maintenance as per Cost Sheet	\$4431.11	
Less Screening,	1460.60	
Crushing ore maintenance as per Cost Sheet	2970.51	
Mining Expense	2816.43	
Total Operating and Maintenance,	5786.94	
PRODUCT - 1912		PRODUCT - 1911
Tons crushed	125,527 - 48%	173,472 - 72%
Tons screened	135,793 - 52%	65,827 - 27%
Total	261,320	239,299
Tons crushed per man per day.	166 Tons	46 Tons

Closing off as follows:			
	Tons	Crushed Amt.	Cost Per T
S. Jackson as per Cost Sh.	50166	6770.61	.135
Moro Mine,	7862	1285.23	.163
Total as above,	58028	8055.84	.139
Tonnage crushed as above	58028		
Tonnage Depr. as above	56592		
Difference,	1436		
This difference represents amount depreciated in 1911 in excess of ore crushed. Jackson Crusher commenced operating May 10th, 1912. closed down October 2nd, 1912.			

RCM 4/10/13
SM/EP JMB

THE CLEVELAND-CLIFFS IRON COMPANY
 MINING DEPARTMENT
 CLIFFS SHAFT MINE
 ANNUAL REPORT OF SCREENS FOR YEAR ENDING DECEMBER 31ST, 1912.

	OPERATING COST		MAINTENANCE		TOTAL COST			
	AMOUNT	PER TON	AMOUNT	PER TON	AMOUNT	1912	1911	
Screens	1309 91	.010	1237 51	.009	2547 42	.019	.024	
Tramming	7 11		223 09	.002	230 20	.002	.011	
<u>Total,</u>	1317 02	.010	1460 60	.011	2777 62	.021	.035	
Labor Cost	1179 22	.009	873 64	.007	2052 86	.016	.026	
Supply Cost	137 80	.001	586 96	.004	724 76	.005	.009	
<u>Total 1912</u>	1317 02	.010	1460 60	.011	2777 62	.021	.035	
" 1911	1516 23	.023	811 75	.012	2327 98	.035	.032	
Per Cent	.474		.526		.100			
No. of men employed (a)								0
Tons per man per day						268	108	
Tons screened 1912 - 135,793 - 52%								
Tons screened 1911 - 65,827 - 27 1/2%								
<u>CLASSIFICATION OF SUPPLIES.</u>					COST PER TON			
					AMOUNT	1912	1911	
<u>OPERATING.</u>								
Fuel (Boiler House)								.001
Power					68 89	.00 1/2		.002
<u>Total Power,</u>					68 89	.00 1/2		.003
General Supplies					42 08	.000		.000
Oil and Grease					14 47	.000		.000
Light and Heating					12 36	.000		.000
<u>Total Other Supplies,</u>					68 91	.00 1/2		.000
<u>Total Operating,</u>					137 80	.001		.003
<u>MAINTENANCE.</u>								
General Supplies					66 94	.000		.000
General Repair Parts					293 63	.002		.001
Shop Labor and Teaming					226 39	.002		.005
<u>Total Maintenance,</u>					586 96	.004		.006
<u>GRAND TOTAL,</u>					724 76	.005		.009

Review to conform
 Report to 138 + 169

(a) For average number of men employed see statement herewith.

	PRODUCT OF SCREENS.	PER CENT.
Lump	79856	.588
Fine	55937	.412
Total	135793	Total 1.000

Crushing and screening ore maintenance as per Cost Sheet	4431.11
Less Crushing	<u>2970.51</u>
Screening ore maintenance as per Cost Sheet	1460.60
Mining Expense	1317.02
Total operating and maintenance as above,	<u>\$2777.62</u>

JMF

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THE CLEVELAND-CLIFFS IRON COMPANY
 MINING DEPARTMENT
 ANNUAL REPORT OF CLIFFS SHAFT AND JACKSON CRUSHERS 1912.

NUMBER OF MEN EMPLOYED		CLIFFS SHAFT		JACKSON	
		1912	1911	1912	1911
<u>OCCUPATION.</u>					
<u>Crushing</u>					
<u>During Shipping Season</u>					
Foreman		1	1	1	
Engineer	Main Plant			1	
Fireman	"			2	
Brakeman	Hoisting Coarse Ore to Crusher			1	
Pocketman	Filling Skip Coarse Ore			1	
Feeder		1	1	1	
Dumpman	Unloading Ore from R.R. Cars			1	
Pocketman	Loading R.R. Cars, Crushed Ore			1	
	<u>Total,</u>	2	2	9	
<u>During Stocking Season</u>					
Foreman		1	1		
Feeder		1	1		
Car Loader		1	2		
Motorman		1	1		
Oiler		$\frac{1}{2}$	$\frac{1}{2}$		
	<u>Total,</u>	$4\frac{1}{2}$	$5\frac{1}{2}$		
	<u>Average per Month</u>	$3\frac{1}{4}$	$3\frac{3}{8}$		
The introduction of Side dumping, Roller bearing tram cars dispersed with Services of one man.					
<u>Screening</u>					
<u>During Shipping Season</u>					
Foreman		1	1		
Feeder		1	1		
Screens		1			
	<u>Total</u>	3	2		
<u>During Stocking Season</u>					
Fireman		1	1		
Feeder		1	1		
Screens		1	1		
Handling Lump product		1	2		
" Fine "		1			
1 Motorman		1			
Oiler				$\frac{1}{2}$	
	<u>Total,</u>	6	$5\frac{1}{2}$		
	<u>Average per Month,</u>	$4\frac{1}{2}$	$3\frac{3}{8}$		

JMF:BP
3-31-13-3.

JMF
4/15/13

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT
COMPARATIVE COST OF OPERATING STEAM SHOVELS FOR SEASON OF 1912.

	I.C. CO. NO. 3 SHOVEL	C.I.M.CO. NO. 4 SHOVEL	ASHLAND NO. 6 SHOVEL	NEGAUNEE NO. 7 SHOVEL	AUSTIN NO. 8 SHOVEL	CROSBY NO. 9 SHOVEL	AUSTIN NO. 10 SHOVEL	MAAS NO. 11 SHOVEL	L.S. & I. SHOVEL
Runner	T. Maloney	M. McNamara	Wm. Tolan	Ed. Kinney	Tom Lenier	Ed. Gaffney	J. VanBrooklin	D. Maloney	T. Maloney
Date Commenced Loading	May 14th	May 6th	May 2nd	May 3rd	Apr. 30th	May 2nd	Apr. 26th	May 6th	Sept. 11
Date Finished Loading	Nov. 7th	Nov. 22nd	Nov. 18th	Nov. 6th	Nov. 10th	Nov. 7th	Nov. 14th	Dec. 2nd	Oct. 12th
Number of Sundays Shovel worked	8	20	3	16	6	4	10	17	1
Number of Days Shovel worked	111	162	86	142	105	44	102	148	15
Average Number of Hours worked per day	5.62	6.15	5.56	5.33	4.99	7	5.63	5.36	5.98
Total Number of Tons loaded	137268	298187	139788	267227	147437	90642	143316	248414	21227
Average Number of Tons per day loading	1237	1841	1593	1882	1404	2060	1405	1678	1415
Number of Men working with Shovel	10	11	10	11	10	12	10	11	10
Average Tons per Man per Day	124	167	159	171	140	169	141	153	142
Average wages per day for Runners	3.32	3.32	3.18	3.32	3.32	3.73	3.32	3.32	3.32
Average wages per day for Laborers	2.16	2.16	2.10	2.16	2.18	2.32	2.18	2.16	2.18
Labor Cost per ton Operating	.029	.015	.020	.020	.022	.017	.023	.019	.028
Supply Cost per ton Operating	.009	.009	.008	.003	.008	.006	.009	.005	.016
Total,	.038	.024	.028	.023	.030	.023	.032	.024	.044

	NO. 3 SHOVEL			NO. 4 SHOVEL			NO. 6 SHOVEL			NO. 7 SHOVEL			NO. 8 SHOVEL			NO. 9 SHOVEL			NO. 10 SHOVEL			NO. 11 SHOVEL			L.S. & I. SHOVEL			
	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	TONS	AMOUNT	COST	
Hard Ore				6204	256 20	.041													1657	69 14	.042							
Cliffs Shaft	18093	532 21	.029	94106	2308 86	.025													81992	2026 52	.025							
Lake	29722	670 46	.023	110956	2755 82	.025													101327	3254 32	.032	21227	1076 05	.051				
North Lake	3682	257 70	.070	9564	340 19	.035													543	28 28	.052							
Salisbury	15547	527 44	.034	61481	1516 29	.025													21753	847 11	.039							
Negaunee							267227	6826 76	.026																			
Maas																			8965	157 65	.018							
Lucy	24770	870 33	.035	15876	450 64	.028													32177	1049 89	.036							
Imperial	45454	2925 66	.064																									
Austin									21179	747 79	.035								23974	1099 16	.046							
Princeton									126258	3995 52	.032								25867	926 89	.036							
Stephenson																			93475	2674 67	.029							
Ashland							136980	4324 43	.032																			
Iron Belt							2808	249 43	.089																			
Crosby																90642	2324 52	.026										
Total,	137268	5783 80	.042	298187	7628 00	.026	139788	4573 86	.033	267227	6826 76	.026	147437	4743 31	.032	90642	2324 62	.026	143316	4700 72	.033	248414	7432 91	.030	21227	1076 05	.051	
Total 1911,	45431	2040 42	.045	104224	4340 46	.041	71970	1630 18	.023				45214	2330 82	.052				47903	2647 51	.055	18055	2191 38	.121				
OPERATING SHOVEL.																												
Labor		2955 02	.029		4515 98	.015		2850 63	.020		5198 95	.020		3229 62	.022		1508 97	.017		3294 78	.023		4768 18	.019		593 01	.028	
Supplies		1288 78	.009		1065 94	.008		1065 94	.008		722 44	.003		1235 50	.008		575 72	.006		1253 37	.009		1242 46	.005		353 04	.016	
Total,		4243 80	.038		7318 00	.024		3916 57	.028		5921 39	.023		4465 12	.030		2084 69	.023		4548 15	.032		6010 64	.024		926 05	.044	
REPAIRS TO SHOVEL.																												
Labor and Supplies								657 29	.005		905 27	.003		278 19	.002		239 93	.003		152 57	.001		7 27					
Total Opt. & Repairs,		1243 80	.038		7318 00	.024		4573 86	.033		6826 76	.026		4743 31	.032		2324 62	.026		4700 72	.033		6017 91	.024		926 05	.044	
Rental on Shovels		540 00	.004		310 00	.002																	1415 00	.006		180 00	.007	
GRAND TOTAL,		5783 80	.042		7628 00	.026		4573 86	.033		6826 76	.026		4743 31	.032		2324 62	.026		4700 72	.033		7432 91	.030		1076 05	.051	

L.S. & I. Ry. Co. Shovel used in loading Lake Mine Ore at Presque Isle. Rental paid at \$10.00 per day.

SM/EP
E-13-13-3.

Handwritten:
MCA
5/14/13

THE CLEVELAND CLIFFS IRON COMPANY
MINING DEPARTMENT
STATEMENT OF WORK DONE BY HARD ORE SHOPS FOR ACCOUNTS AND VARIOUS PERSONS
FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	MACHINE SHOP			BLACKSMITH SHOP			CARPENTER SHOP			TEAMING			TOTAL		
	HOURS	RATE	AMOUNT	HOURS	RATE	AMOUNT	HOURS	RATE	AMOUNT	HOURS	RATE	AMOUNT	HOURS	RATE	AMOUNT
Inter Shops,	96	.320	30 75	337 $\frac{1}{2}$	.322	108 53	190	.452	85 78	1589	.365	579 26	2212 $\frac{1}{2}$	.364	804 32
Company Mines,	26078 $\frac{1}{2}$	.405	10570 82	10997 $\frac{3}{8}$	.354	3897 62	6476	.352	2280 56	5286	.379	2001 23	48838	.364	18750 23
Total,	26174 $\frac{3}{8}$	.405	10601 57	11335	.353	4006 15	6666	.355	2366 34	6875	.375	2580 49	51050 $\frac{3}{8}$	.363	19554 55
ALLIED COMPANIES															
C. C. I. Co., Land Dept.,	21	..60	12 60	105	.60	63 00	9	.60	5 40	230	.50	114 85	365	.537	195 85
L. S. & I. Ry. Co.,	1	.60	60	17	.60	10 20	1	.60	60				19	.60	11 40
Total Allied Companies,	22	.60	13 20	122	.60	73 20	10	.60	6 00	230	.50	114 85	384	.539	207 25
VARIOUS PERSONS															
Cole & McDonald,	25 $\frac{1}{2}$	.60	15 30	4	.60	2 40							29 $\frac{1}{2}$	.60	17 70
Ishpeming Steam Laundry,	4	.60	2 40										4	.60	2 40
Foundation Co.,										1	.40	40	1	.40	40
City of Ishpeming,	1 $\frac{1}{2}$	.60	90										1 $\frac{1}{2}$	.60	90
Marquette Co. Gas & Electric Co.,	65	.60	39 00	46	.60	27 60				3	.50	1 50	114	.60	68 10
Imperial Iron Works,	1	.60	60							3	.40	1 20	4	.45	1 80
Lucien Eaton,							9	.35	3 15				9	.35	3 15
C. L. Anderson,	1	.40	40										1	.40	40
Grinnell Bros.,	1 $\frac{1}{2}$	.60	30	2	.60	1 20							2 $\frac{1}{2}$	.60	1 50
M. M. Duncan,	14	.40	5 60	4	.35	1 45							18	.39	7 05
Wawanowin Golf Club,	37	.40	14 80	7	.35	2 45				153	.40	61 20	197	.40	78 45
Standard Oil Co.,	3	.60	1 80	3	.60	1 80							6	.60	3 60
Grace Episcopal Church,				3	.60	1 80							6	.60	3 60
J. M. Johnson,	16 $\frac{1}{2}$	.60	9 90										16 $\frac{1}{2}$	.60	9 90
W. H. Gallagher, Jr.,							14 $\frac{1}{2}$	.35	5 08				14 $\frac{1}{2}$	.35	5 08
Wisconsin Bridge Co.,	4 $\frac{1}{2}$	.60	2 70										4 $\frac{1}{2}$	.60	2 70
Rutledge Motor Sales Co.,	25	.60	15 00	2	.60	1 20							27	.60	16 20
F. Braastad & Co.,	1	.60	60										1	.60	60
P. P. Chase,	5	.60	3 00	1	.60	60							6	.60	3 60
Lake Superior Steam Heating Co.,	2 $\frac{1}{2}$	.60	1 50										2 $\frac{1}{2}$	.60	1 50
W. A. Eiler Shows,	43	.60	25 80	3	.60	1 80							46	.60	27 60
Ed. Girzi,	10	.60	6 00										10	.60	6 00
A. C. Braastad,	1 $\frac{1}{2}$	.60	90										1 $\frac{1}{2}$	.60	90
Negaunee Greenhouses,	19	.60	11 40	1	.60	60							20	.60	12 00
Russel Wheel & Foundry Co.,	42	.60	25 20	6	.60	3 60							48	.60	28 80
John Kunahar,	3	.60	1 80										3	.60	1 80
Total Various Persons,	325 $\frac{1}{2}$	.568	184 90	82	.567	46 50	26 $\frac{1}{2}$	.379	10 03	160	.402	64 30	594	.512	305 73
Grand Total,	26522	.407	10799 67	11539	.358	4125 85	6702 $\frac{3}{8}$	.355	2382 37	7265	.380	2759 64	52028 $\frac{3}{8}$	.386	20067 53
Cost of Operating Shops.	26122	.341	9593 39	11841	.332	3929 43	7105	.326	2316 62	7265	.364	2645 17	54333	.340	18484 61
Net Earnings,			1206 28			196 42			65 75			114 47			1582 92
Credit on Scrap Material,															76 13
Profit,															1659 05
DIVISION OF NET EARNINGS															
Applied to Hard Ore Shop Machinery,															476 28
" " " " Buildings,															625 13
Closed off to Treasurer,															557 64
Total Net Earnings,															1659 05

Total Hours charged to Mines and Accounts as above, 52028 $\frac{3}{8}$
 Total Hours Machine Shop worked for Machine Shop, 1600
 Total Hours Blacksmith Shop worked for Blacksmith Shop, 302
 Total Hours Carpenter Shop worked for Carpenter Shop, 402 $\frac{1}{2}$
 Total Hours as above, 54333

JMF-AL.
5-21-13-3.

JMF
5/26/13

COMPARATIVE STATEMENT COST PER DAY FOR BARN EXPENSE

FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	HARD ORE		SALISBURY		NEGAUNEE		NORTH LAKE		ASHLAND #		CROSBY		STEPHENSON		PRINCETON		GWINN	
	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911
(1) Average Number of Horses	17 $\frac{11}{12}$	20 $\frac{1}{4}$	3 $\frac{1}{12}$	3	4 $\frac{1}{3}$	4 $\frac{7}{12}$	8 $\frac{1}{2}$	10 $\frac{5}{12}$	5	5 $\frac{2}{3}$	3	3	11	11 $\frac{1}{2}$	5 $\frac{5}{12}$	6	4	4
Number of Days Worked	4492	5215	925	900	1406	1389	2355	3154	1399 $\frac{1}{2}$	1632	416	826	3134	3288 $\frac{1}{2}$	1174	1652	1184 $\frac{1}{2}$	1228
Number of Days Idle	1738	2088	203	195	300	283	737	648	275 $\frac{1}{2}$	466	484	269	678	756 $\frac{1}{2}$	594	529	279 $\frac{1}{2}$	232
Number of Days Sick	137	88					12				198		198		208	9		
Total Days,	6367	7391	1128	1095	1706	1672	3104	3802	1675	2098	1098	1095	4010	4045	1976	2190	1464	1460
Cost of Feed, Bedding, etc.	.432	.373	.377	.363	.492	.457	.439	.417	.338	.395	.449	.434	.504	.398	.415	.450	.512	.300
Barn Supplies, Shoeing, etc.	.036	.038	.036	.055	.028	.040	.043	.079	.043	.054	.036	.037	.066	.052	.026	.056	.044	.044
Harness & Wagon Repairs	.018	.007	.030	.013	.029	.016	.019	.026	.040	.068	.042	.026	.027	.036	.011	.016	.008	.019
Total,	.486	.418	.443	.431	.549	.513	.501	.522	.421	.517	.527	.497	.597	.486	.452	.522	.564	.363
Barn Labor, Attendance, etc.	.366	.300	.189	.197	.241	.244	.048	.067	.427	.372	.007	.000	.211	.175	*	*	*	*
Total Cost,	.852	.718	.632	.628	.790	.757	.549	.589	.848	.889	.534	.497	.808	.661	.452	.522	.564	.363
ANALYSIS OF FEED & BEDDING.																		
Oats	.147	.166	.208	.168	.230	.177	.194	.169	.142	.130	.276	.303	.267	.194	.181	.154	.246	.141
Hay	.255	.184	.150	.191	.245	.261	.222	.224	.134	.209	.160	.131	.223	.191	.218	.278	.250	.150
Mixed Feed	.015	.004	.009	.001	.013	.012	.008	.007	.061	.056	.001	.000	.008	.007	.005	.011	.007	.006
Total,	.417	.354	.367	.360	.488	.450	.424	.400	.337	.395	.437	.434	.498	.392	.404	.443	.503	.297
Salt	.000	.000	.001	.001	.000	.000	.000	.000	.002	.000	.001	.000	.001	.000	0	0	0	0
Bedding	.015	.019	.009	.002	.004	.007	.015	.017	0	0	.011	.000	.005	.006	.011	.007	.009	.003
Total	.432	.373	.377	.363	.492	.457	.439	.417	.339	.395	.449	.434	.504	.398	.415	.450	.512	.300
Oats, Lbs. per Horse per Day	9.4	12.4	13.0	11.9	14.6	13.8	11.8	13.2	9.1	10.4	16.4	19.7	15.1	13.4	11.0	10.3	14.7	10.1
Hay "	27.9	19.9	16.1	20.7	27.6	26.2	23.8	24.0	15.5	20.6	14.9	13.1	24.0	20.9	24.1	32.6	27.1	15.2
Mixed Feed "	1.1	.3	.7	.1	.9	1.0	.5	.5	3.8	4.2	.1	.0	.7	.6	.5	1.0	.5	.5
Total	38.4	32.6	29.8	32.7	43.1	41.0	36.1	37.7	28.4	35.2	31.4	32.8	39.8	34.9	35.6	43.9	42.3	25.8

Note: (1) Average Number of Horses is based on Total Days, which include Horses rented.

Ashland Mine Operated 11 Months in 1912.

* Teamster takes care of Barn, therefore, there is no charge for Barn Labor, Attendance, etc.

WS/BP
2-24-13.

Gwinn costs per horse per day is high for 1912 because of increase in quantity fed on account of inferior grade. Feed also cost more in 1912.

JMB
5/5/13

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

ASHLAND MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	5		5 ² / ₂	
Number of Days Worked	1399 ¹ / ₂		1632	
Number of Days Idle	275 ¹ / ₂		466	
Number of Days Sick				
<u>Total Days</u>	1675		2098	
Cost of Feed, Bedding, etc.	566.33	.338	828.08	.395
Barn Supplies, Shoeing, etc.	72.16	.043	114.30	.054
Harness & Wagon Repairs	67.07	.040	142.54	.068
<u>Total,</u>	705.56	.421	1084.92	.517
Barn Labor, Attendance, etc.	715.00	.427	780.00	.372
<u>Total Cost</u>	1420.56	.848	1864.92	.889
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	15,169	21,824	237.12	.142
Hay	26,051	43,296	225.86	.134
Mixed Feed	6,410	8,740	103.35	.061
<u>Total</u>	47,630	73,860	566.33	.337
Salt			.68	.002
Bedding				.63
<u>Total,</u>			567.01	.339
Oats	Lbs. per Horse per Day		9.1	10.4
Hay	"		15.5	20.6
Mixed Feed	"		3.8	4.2
<u>Total</u>	"		28.4	35.2

Note:- Ashland Mine operated 11 Months in 1912.

Note:- The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

STEPHENSON MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PR DAY	AMOUNT	COST PER DAY
Number of Horses	11		11 $\frac{1}{2}$	
" Days Worked	3134		3288 $\frac{1}{2}$	
" " Idle	678		756 $\frac{1}{2}$	
" " Sick	198			
Total Days	4010		4045	
Cost of Feed, Bedding, etc.	2020.73	.504	1609.20	.398
Barn Supplies, shoeing, etc.	265.25	.066	212.05	.052
Harness & Wagon Repairs	107.39	.027	135.57	.036
Total,	2393.37	.597	1956.82	.486
Barn Labor, Attendance, etc.	846.24	.211	708.28	.175
Total Cost	3239.61	.808	2665.10	.661
<u>ANALYSIS OF FEED AND BEDDING.</u>				
	1912	1911		
Oats	60,768	54,096	1071.82	.267
Hay	94,340	84,726	895.58	.223
Mixed Feed	2,615	2,200	33.03	.008
Total	157,723	141,022	2000.43	.498
Salt			1.00	.001
Bedding			20.30	.005
Total,			2021.73	.504
Oats	Lbs. per Horse per Day		15.1	13.4
Hay	"		24.0	20.9
Mixed Feed	"		.7	.6
Total	"		39.8	34.9

Note: The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 28th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

CROSBY MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	3		3	
" Days Worked	416		826	
" " Idle	484		269	
" " Sick	198			
Total Days	1098		1095	
Cost of Feed, Bedding, etc.	492.85	.449	475.26	.434
Barn Supplies, Shoeing, etc.	40.01	.036	40.75	.037
Harness & Wagon Repairs	46.61	.042	28.10	.026
Total,	579.47	.527	544.11	.497
Barn Labor, Attendance, etc.	7.19	.007		
Total Cost	586.66	.534	544.11	.497
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	18,016	21,600	303.51	.276
Hay	16,350	14,300	175.60	.160
Mixed Feed	100		1.50	.001
Total	34,466	35,900	480.61	.437
Salt			.50	.001
Bedding			12.24	.011
Total,			493.35	.449
Oats	Lbs. per Horse per Day		16.4	19.7
Hay	"		14.9	13.1
Mixed Feed	"		.1	
Total	"		31.4	32.8

Note:- The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

HARD ORE MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1913.

	1912		1911	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	17 ¹¹		20 ¹	
Number of Days Worked	4492 ¹²		5215	
Number of Days Idle	1738		2088	
Number of Days Sick	137		88	
Total Days	6367		7391	
Cost of Feed, Bedding, etc.	2752.38	.432	2755.00	.373
Barn Supplies, Shoeing, etc.	227.04	.036	277.18	.038
Harness & Wagon Repairs	113.99	.018	54.90	.007
Total,	3093.41	.486	3087.08	.418
Barn Labor, Attendance, etc.	2332.72	.366	2219.90	.300
Total Cost,	5426.13	.852	5306.98	.718
ANALYSIS OF FEED & BEDDING.				
	1912	1911		
Oats	59,640	91,876	935.57	.147
Hay	177,870	146,785	1624.74	.255
Mixed Feed	7,382	1,961	97.32	.015
Total,	244,892	240,622	2657.63	.417
Salt				
Bedding			94.75	.015
Total			2752.38	.432
Oats	Pounds per horse per day		9.4	12.4
Hay	"		27.9	19.9
Mixed Feed	"		1.1	.3
Total,	"		38.4	32.6

Note:- The average number of horses is based on total days, which includes horses rented.

WS/BP

Isppeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

NEGAUNEE MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1913.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	4 $\frac{1}{3}$		4 $\frac{7}{12}$	
Number of Days Worked	1406		1389	
Number of Days Idle	300		283	
Total Days	1706		1672	
Cost of Feed, Bedding, etc.	839.42	.492	764.59	.457
Barn Supplies, Shoeing, etc.	48.24	.028	66.98	.040
Harness & Wagon Repairs	48.86	.029	27.70	.016
Total.	926.52	.549	859.27	.513
Barn Labor, Attendance, etc.	411.15	.241	408.00	.244
Total Cost,	1337.67	.790	1267.27	.757
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	24,992	23,136	392.12	.230
Hay	47,205	43,850	417.25	.245
Mixed Feed	1,500	1,650	22.25	.013
Total	73,697	68,636	831.62	.488
Salt				
Bedding			7.32	.004
Total,			838.94	.492
Oats	Lbs. per Horse per Day		14.6	13.8
Hay	"		27.6	26.2
Mixed Feed	"		.9	1.0
Total	"		43.1	41.0

Note: The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

NORTH LAKE MINE.

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	8 $\frac{1}{2}$		10 $\frac{5}{12}$	
Number of Days Worked	2355		3154	
Number of Days Idle	737		648	
Number of Days Sick	12			
Total Days	3104		3802	
Cost of Feed, Bedding, etc.	1362.87	.439	1585.13	.417
Barn Supplies, Shoeing, etc.	133.03	.043	299.93	.079
Harness & Wagon Repairs	59.81	.019	100.45	.026
Total	1555.71	.501	1985.51	.522
Barn Labor, Attendance, etc.	147.83	.048	255.42	.067
Total Cost,	1703.54	.549	2240.93	.589
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	36,507	50,214	600.69	.194
Hay	73,800	91,180	690.83	.222
Mixed Feed	1,607	2,022	24.16	.008
Total	111,914	143,416	1315.68	.424
Salt			1.10	.000
Bedding			46.19	.015
Total,			1362.97	.439
Oats	Lbs. per Horse per Day		11.8	13.2
Hay	"		23.8	24.0
Mixed Feed	"		.5	.5
Total,			36.1	37.7

Notes: The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

PRINCETON MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	5 $\frac{5}{12}$		6	
" Days Worked	1174		1652	
" " Idle	594		529	
" " Sick	208		9	
Total Days	1976		2190	
Cost of Feed, Bedding, etc.	820.95	.415	985.45	.450
Barn Supplies, Shoeing, etc.	50.84	.026	123.86	.056
Harness & Wagon Repairs	21.14	.011	34.33	.016
Total,	892.93	.452	1143.64	.522
Barn Labor, Attendance, etc.				
Total Cost,	892.93	.452	1143.64	.522
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	21,690	22,486	358.40	.161
Hay	47,700	71,358	430.04	.218
Mixed Feed	900	2,200	10.77	.005
Total	70,290	96,044	799.21	.404
Salt				
Bedding			21.71	.011
Total,			820.92	.415
Oats	Lbs. per Horse per Day		11.0	10.3
Hay	"		24.1	32.6
Mixed Feed	"		.5	1.0
Total	"		35.6	43.9

Note: The average number of horses is based on total days, which includes horses rented.

WS/BP

Ishpeming, Mich.,
February 27th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY

SALISBURY MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1, 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	3 $\frac{1}{2}$		3	
Number of Days Worked	925 $\frac{12}{100}$		900	
Number of Days Idle	203		195	
Number of Days Sick				
Total Days,	1128		1095	
Cost of Feed, Bedding, etc.	425.47	.377	397.69	.363
Barn Supplies, Shoeing, etc.	40.49	.036	59.85	.055
Harness & Wagon Repairs	33.41	.030	13.86	.013
Total,	499.37	.443	471.40	.431
Barn Labor, Attendance, etc.	213.00	.189	216.00	.197
Total Cost,	712.37	.632	687.40	.628
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	14,624	12,976	234.57	.208
Hay	18,180	22,785	169.71	.150
Mixed Feed	815	62	10.70	.009
Total	33,619	35,823	414.98	.367
Salt			.95	.001
Bedding			10.49	.009
Total,			426.32	.377
Oats	Lbs. per Horse per Day		13.0	11.9
Hay	"		16.1	20.7
Mixed Feed	"		.7	.1
Total,			29.8	32.7

Note: The average number of horses is based on total days, which includes horses rented.

Ishpeming, Mich.,
February 28th, 1913

THE CLEVELAND-CLIFFS IRON COMPANY

GWINN MINE

STATEMENT OF BARN EXPENSE FOR THE YEAR ENDING DECEMBER 31ST, 1912.

	1 9 1 2		1 9 1 1	
	AMOUNT	COST PER DAY	AMOUNT	COST PER DAY
Number of Horses	4		4	
" Days Worked	1184 $\frac{1}{2}$		1228	
" " Idle	279 $\frac{1}{2}$		232	
" " Sick				
Total Days,	1464		1460	
Cost of Feed, Bedding, Etc.	750.11	.512	437.90	.300
Barn Supplies, Shoeing, etc.	64.61	.044	63.71	.044
Harness & Wagon Repairs	10.28	.008	28.88	.019
Total	825.00	.564	530.49	.363
Barn Labor, Attendance, etc.				
Total,	825.00	.564	530.49	.363
<u>ANALYSIS OF FEED & BEDDING.</u>				
	1912	1911		
Oats	21,489	14,740	360.91	.246
Hay	39,684	22,290	365.70	.250
Mixed Feed,	700	680	9.75	.007
Total	61,873	37,710	736.36	.503
Salt Bedding			13.75	.009
Total,			750.11	.512
Oats	Lbs. per Horse Per Day		14.7	10.1
Hay	"		27.1	15.2
Mixed Feed	"		.5	.5
Total	"		42.3	25.8

Note:- The teamster takes care of this barn, therefore, there is no charge for labor, attendance, etc.

The average number of horses is based on total days, which includes horses rented.

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT

COMPARATIVE STATEMENT OF COST PER CAR FOR ELECTRIC HAULAGE TRAMMING
FOR YEAR ENDING DECEMBER 31ST, 1912.

	LAKE MINE		NEGAUNEE MINE		PRINCETON MINE		STEPHENSON MINE		CROSBY MINE		MAAS MINE
	1912	1911	1912	1911	1912	1911	1912	1911	1912	1911	1912
Tons Product,	335830	313865	270232	350926	22567	96670	209282	226022	115505	77927	60058
<u>OPERATING.</u>											
Number of Motors in use	6	6	4	4	5	5	4	5	2	2	3
Motor & Brakemen	.054	.054	.111	.095	.039	.032	.116	.085	.047	.060	.181
Chutemen	.029	.028	.082	.089	.123	.109	.060	.057	.069	.105	.141
Oiling and Repairing Cars	.009	.010	.010	.006	.024	.021	.012	.017	.013	.005	.009
Electric Power	.022	.034	.075	.054	.021	.022	.034	.054			.035
Prop. of Engine House Expense									.046	.066	
<u>Total,</u>	.114	.126	.278	.244	.207	.184	.222	.204	.175	.236	.366
Number of Cars	113100	107150	74150	92088	10529	39411	77370	72536	33600	25802	15907
Filling Rock	.114	.126									
Tramming Rock	.114	.126	.230	.201	.318	.204	.214	.211	.167	.187	.279
" Ore	.114	.126	.284	.245	.205	.183	.223	.203	.176	.239	.366
" Timber	.114	.126			.207	.186	.224	.202			
Sinking in Rock				.351							
<u>Total,</u>	.114	.126	.278	.244	.207	.184	.222	.204	.175	.236	.366
<u>FILLING ROCK, NO. CARS</u>	1056	767									
Prop. of Motor Expense	.114	.126									
Expense of Putting away	.641	.628									
<u>Total,</u>	.755	.754									
<u>TRAMMING ROCK, NO. CARS</u>	4512	4860	8514	6837	.185	1707	9353	6014	2459	1339	154
Prop. of Motor Expense	.114	.126	.230	.235	.318	.204	.214	.211	.167	.187	.279
<u>TRAMMING ORE, NO. CARS</u>	104669	99123	65636	85251	9733	36080	62021	62601	31141	24463	15753
Prop. of Motor Expense	.114	.126	.252	.245	.205	.183	.223	.203	.176	.239	.366
Tramming & Skip Tending	.032	.036	.065	.061	.080	.065	.091	.105	.039	.061	.042
<u>Total,</u>	.146	.162	.317	.306	.285	.248	.314	.308	.215	.300	.408
Tons per Car	3.21	3.17	4.12	4.12	2.32	2.41	3.37	3.61	3.71	3.19	3.81
Cost per Ton	.036	.040	.061	.063	.088	.083	.066	.071	.047	.072	.096
<u>TRAMMING TIMBER, NO. CARS</u>	2863	2400			611	1624	5996	3921			
Prop. Motor Expense	.114	.126			.207	.186	.224	.202			
<u>GRAND TOTAL</u>	.150	.164	.307	.322	.281	.243	.295	.294	.211	.294	.407
<u>MAINTENANCE OF PLANT-PER CAR.</u>											
Spotting Engine							.001				
Motors	.018	.032	.027	.017	.012	.006	.020	.025	.011	.011	.031
Wiring	.003	.003	.012	.010	.004	.005	.025	.008	.003	.004	.013
Main Line Tracks and Cars	.017	.022	.053	.026	.031	.045	.148	.079	.007	.134	.020
<u>Total Maintenance,</u>	.038	.057	.092	.053	.047	.056	.194	.112	.021	.149	.064
" <u>Operating,</u>	.114	.126	.278	.244	.207	.184	.222	.204	.175	.236	.366
<u>GRAND TOTAL,</u>	.152	.183	.370	.297	.254	.240	.416	.416	.196	.385	.430

Notes:

Maas Mine was not operated during 1911. Operations resumed Aug. 12th, 1912. Electric Haulage at Cliffs Shaft was commenced in January 1913. Testing same was done in December 1912.

Negaunee Mine. 2203 Cars of sand from caves included in 8514 cars rock.
Increased cost for Maintenance of main line Tracks and Cars due to General Repairs of Cars in October, November.

Princeton Mine. Operations resumed September 23rd, 1912.

Crosby Mine. Operations resumed May 20th, 1912. 2-8 Hour shifts.

Stephenson Mine. Increased cost for maintenance of main line tracks and cars due to General Repairs of Cars, July, August and October.

Current from Carp - Hydro-Dyn^m used in connection with Maas & Princeton plants in February 1912.
March 1912, the Carp plant furnished all the Current.

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT
COMPARATIVE STATEMENT SHOWING COST OF DIAMOND DRILLING AT MINES
AND EXPLORATIONS FOR YEAR ENDING DECEMBER 31ST, 1912.

	ASHLAND		CLIFFS SHAFT		NORTH LAKE		CHASE		N. JACKSON		IRON RIVER		CRYSTAL FALLS		BELLVUE FARM		C. & N.W. SEC. 21	
	AMOUNT	COST PR. FT.	AMOUNT	COST PER FT.	AMOUNT	COST PER FT.	AMOUNT	COST PER FT.	AMOUNT	COST PER FT.	AMOUNT	COST PER FOOT	AMOUNT	COST PER FOOT	AMOUNT	COST PER FOOT	AMOUNT	COST PER FOOT
DRILLING IN MINE, COMPANY DRILLS																		
COST FOR:																		
Labor	822 50	2.223	1467 27	.703	81 43	1.005												
Carbon	400 97	1.064	1133 57	.543	39 64	.492												
Fuel and Peaming	165 69	.445	118 38	.057														
Pipe, Fittings and Tools	9 64	.027			4 20	.052												
Drill Equipment, Repairs	146 72	.397	243 75	.117														
Rent of Drills	102 00	.277	218 75	.105	12 00	.148												
Miscellaneous Supplies	250 85	.678	615 15	.294	1 73	.022												
Total Cost,	1698 37	5.131	3796 87	1.819	(1) 139 20	1.719												
Total Cost per foot 1911				1.903														
" " 1910				2.120														
Drilled in Mine, feet	370'		2087'		81'													
DRILLING ON SURFACE, COMPANY DRILLS.																		
COST FOR:																		
Labor								(2) 4635 79	2.195									
Carbon								1732 96	.821									
Fuel and Peaming								589 41	.279									
Pipe, Fittings and Tools								219 02	.104									
Drill Equipment Repairs								204 35	.097									
Rent of Drills								750 50	.346									
Miscellaneous Supplies								922 38	.437									
Total Drilling Cost								9054 41	4.279									
Drilled on Surface, feet								2111 87'										
Standpipe, feet								87'										
Drilled with Carbon, feet								2034 87'										
Total Cost per foot, 1912									4.279									
" " 1911				2.085		2.399		3.352	36.701									
" " 1910				2.246		2.768		3.229	5.170									
MINE & SURFACE.																		
Carbon cost per ft. Actual drilling 1912				.543		.492			.856									
" " 1911				.80		1.173		1.302										
" " 1910				1.403		1.506		1.437	1.664									
Average cost per Karst for Carb. used '12			65 90		85 00			81 71										
" " '11			70 54		79 03		79 03											
" " '10			87 22		77 07		77 07		67 71									
DRILLING ON SURFACE, CONTRACT DRILLS.																		
By Cole & McDonald Expl. Co.												12101 28						
Standpipe, feet												2720'						
Drilled with Carbon, feet												561'						
Total Contract drilling on Surface,												3401' (3)						
Total Cost per Foot, 1912													3.558					
" " 1911													3.276					
" " 1910													3.813					
(a) Charges to Company Exploratory Acct. not included in drilling cost					336 65		182 57	791 90						47 46			1563 37	
(a) Charges to Contract Exploratory Acct. not included in drilling cost											3998 86	756 66						
Total cost Exploratory Acct. for Yr. ending Dec. 31st, 1912	1698 37	5.131	3796 87	1.819	475 85		182 57	9826 31			16100 14	756 66		47 46			1563 37	

AVERAGE COST PER FOOT FOR DIAMOND DRILLING AT ALL MINES & EXPLOR.

Exclusive of Items (a)	1912			1911		
	FEET	AMOUNT	PER FT.	FEET	AMOUNT	PER FT.
Drilling in Mines, Company Drills	2538	5834 44	2.299	1471	3173 05	2.157
Drilling on Surface "	2111 87	9034 41	4.279	20414 87	80875 42	2.492
Drilling on Surface, Cole & McDonald Expl. Co.	3401	12101 28	3.558	16144	46251 89	3.27
Total,	8050 87	26970 13	3.350	36029 87	100300 36	2.784

Item (a) includes costs, the detail of which is shown on the Exploration Statements as "Miscellaneous" "Cost per foot" for this item should not be considered as drilling cost, which is shown under caption "Total Drilling Cost."

- (1) North Lake - The above expense was charged to account #14 1/2 Exploring under Opening Morris Mine. Work done on Hole #1 Morris Mine.
- (2) Jackson - During Jan. 1912 no drilling was done in Hole #66 until the 16th and in Febr. none until the 24th. Time lost cementing caving ground.
- (3) Iron River - The May 1912 Exploratory Statement is short 238 feet. The cumulative total on Dec. 1912 statement was 100 feet over. By way of adjustment 138 feet was added to Monthly Statement in March 1913.

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THE CLEVELAND-CLIFFS IRON COMPANY

MINING DEPARTMENT

STATEMENT SHOWING CHARGES TO "TRAVELING AND ENTERTAINMENT" "9-C" CLIFFS COTTAGE EXPENSE FOR THE YEAR-1912 AS COMPARED WITH THE YEAR 1911.

	1912	1911
<u>PRESIDENT'S COTTAGE:</u>		
Repairs to Doors and Windows,	20 49	
" " Roof,	4 80	
" " Heater,	35 07	
" " Barn,	2 35	
" " Bells,	1 19	
" " Water Works,	5 25	
" " " Tank,	25 63	
" " Electric Light,	18 24	
" " Floors,	16 72	
Painting and Kalsomining,	7 80	
Staining House,	39 35	
Water Rate,	20 55	
Insurance,	50 57	
Electric Lighting,	66 00	
Telephone Service,	15 00	
<u>Total Buildings,</u>	329 01	314 75
<u>Y A R D:</u>		
Choreman,	732 00	
Cleaning Up,	13 24	
Repairs to Tools,	7 67	
" " Fences,	3 16	
(/) Prop. Extending Pipe Line at "J" Shaft to H.O.Mach.Shop (Tank on Hill)	179 11	
(/) " of cost of Pump and Installing same in Hard Ore Shop	77 32	
Maintenance of Sewers,	12 85	
Planting and Gardening,	554 52	
Maintenance of Roads,	13 20	
" " Lawn,	9 40	
Bird Fountains,	16 62	
Prop. of Sewer Extension across Division Street,	29 36	
Oversight of Grounds by W.H.Manning,	93 75	
Freight and Teaming,	25 79	
Miscellaneous,	15 02	
<u>Total Yard,</u>	1763 01	1330 24
<u>Total Yard and Buildings,</u>	2112 02	1644 99

(/) Note:- This represents one-third proportion of cost of extending pipe line from "J" Shaft to Hard Ore Machine Shop, also installing pump in machine shop. A belt line pump was installed to be operated electrically to furnish water to the tank on hill which supplies Mr. Mather's cottage, Mr. Duncan's and Mr. McClure's residences with water. This was formerly operated by a pump located in No. 4 Engine House supplied by air from Lake Mine Compressor. The balance of this expense was taken up on Hard Ore Rented Buildings Cost Sheet under Mr. Duncan's and Mr. McClure's residences.

WS:CL.
1-17-13.
(3)

J.M.G. 1/21/13
J.M.G.

66

CLEVELAND IRON MINING COMPANY

MINING DEPARTMENT

STATEMENT OF CHARGES TO HARD ORE LOCATION FOR THE YEAR 1912 AS COMPARED WITH THE YEAR 1911

		1 9 1 2		1 9 1 1	
(1)	Engineering,	257	27		
(2)	Fire Insurance,	51	78		
	Taxes,	21656	38	22389	33
(3)	Watchman,	531	05		
	Surface,	1660	18	905	71
	Dismantling #3 Shaft,	26	67		
	Davis St. Sewer,	8	40	351	48
	Total,	24191	73	23646	52

- Note:- (1) Making contour of surface at Location.
 (2) Insurance on Mine Buildings and contents from May 1st, 1912 after mine closed.
 (3) Salary of Watchman from ~~May~~ 1st, 1912, formerly charged to Operating Moro Mine.

WS:CL.
 1-17-13.
 (5)

JMG 1/21/13
JY

BOND

JACKSON IRON COMPANY
MINING DEPARTMENT.

STATEMENT OF CHARGES TO JACKSON LOCATION FOR THE YEAR 1912 AS COMPARED WITH THE YEAR 1911.

	1 9 1 2		1 9 1 1	
Watchman,	800	56	790	12
Fire Insurance,	80	12 ✓	101	35
Dismantling #7 Shaft House,			44	50
Total,	880	68 ✓	935	97 ✓

WS:CL.
1-17-13.
(5)

JMG 1/21/13
AJY

BROTHER JONATHAN

BOND

CLEVELAND IRON MINING COMPANY

MINING DEPARTMENT

STATEMENT OF CHARGES TO HARD ORE LAND IMPROVEMENT FOR THE YEAR - 1912

AS COMPARED WITH THE YEAR 1911.

	1912	1911
<u>CLIFFS COTTAGE LAND IMPROVEMENT:</u>		
Repairs to Fence	13 85	
Opening Vistas, Picture Gallery, E & A #252	4 00	
Enlarging Beds at Entrance "	8 00	
Dividing & Planting Additional Area "	31 69	
Cleaning out Dogwood "	103 70	
Additional Ground Cover "	49 25	
" Plants "	38 58	
Cultivating Woods	80 12	
<u>Total Cliffs Cottage Land Improvement,</u>	<u>329 19</u>	<u>504 91</u>
<u>GENERAL WORK, HARD ORE LOCATION:</u>		
Repairs to Meadow Fence	21 02	
" " Mine "	39 95	
" " Office Lawn,	456 68	
" " Machine Shop Lawn	22 00	
" " Jasper Street	55 91	
" " Hill Street	21 00	
" " Jasper Street Sewers	25 36	
Cultivating Trees, Jasper Street Bluff	16 00	
" " " "	17 18	
" " Schoolhouse Mine	31 89	
Maintenance of Agent's Pasture	155 36	
" " Cleveland Field	12 09	
" " Division Street Walk	2 84	
Division Street Water Outlet	63 64	
Oversight of Grounds by W.H.Manning	91 77	
Planting about Office Buildings E & A # 252	36 00	
" " Machine Shop & Rescue Bldgs. "	25 75	
Jasper Street Improvement work between Division Street and Driveway leading to Cliffs Cottage, Land Dept. E & A #103	1469 93	
<u>Total General Work, Hard Ore Location</u>	<u>2564 37</u>	<u>4029 02</u>
<u>GRAND TOTAL LAND IMPROVEMENT,</u>	<u>2893 56</u>	<u>4533 93</u>

Charges to E & A #252 as above:
 Cliffs Cottage Land Improvement
 General Work, Hard Ore Location

YEAR

235.22
61.75
 296.97

NOTE:- During year 1911 extensive improvements were made on Division Street amounting to \$2305.53. This accounts for increase of 1911 over 1912.

WS:CL.
 1-22-13.
 (3)

JMS 1/22/13
JM

THE CLEVELAND CLIFFS IRON COMPANY

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF GENERAL OFFICE EXPENSES ALL COMPANIES.

ACCT. NO.	ACCOUNT	1912		1911	
		CURRENT	YEAR	LAST	YEAR
		DISTR.	TOTAL	DISTR.	TOTAL
1	Salaries, (1)		58826 64		53654 05
2	Printing and Stationery,		2808 15		2778 06
3	Postage,		841 93		887 76
4	Office Furniture & Fixtures, (2)		538 94		1366 91
	a. Furniture and Fixtures,	271 30		1130 10	
	b. Apparatus,	170 73		192 01	
	c. Repairs,	96 91		44 80	
5	Office Expenses, (3)		2917 76		3932 36
	a. Petty Office Expense,	1753 21		2202 38	
	b. Papers and Periodicals,	104 13		114 78	
	c. Moving, Changes, etc	520 40		910 76	
	d. Livery Hire,	21 16		13 50	
	f. Fidelity Bond Premium,	85 00		150 83	
	C. J. Shaddick, Paymaster, 75.00				
	R. H. McCartney, Cashier, 5.00				
	T. H. Bargh, Claim Agent, 5.00				
	j. Special & Annual Audits,	150 00		360 31	
	l. Fess for filing State Reports,	50		1 00	
	m. Insurance on Office Property,	30 74		27 54	
	n. Taxes,	252 62		151 26	
6	Telephone and Telegraph,		2224 69		2137 65
	a. Line Rentals,	366 03		320 00	
	b. Telephone Tolls, Telegrams, Cablegrams,	1310 98		1261 97	
	c. Salaries and Service,	445 00		442 50	
	d. Local Installation and Repairs,	102 68		113 18	
7	Rentals,		660 00		660 00
	a. Rent of Office or Depreciation,	300 00		300 00	
	b. Rental of Agent's House, etc.,	360 00		360 00	
8	Legal Expenses,		5550 46		5315 64
	a. Proportion of Salaries,	4625 00		4500 00	
	b. Proportion of Expenses,	849 59		772 07	
	d. Litigation and Other Expenses,	75 87		43 57	
9	Traveling and Entertainment,		825 15		708 43
	a. Carfare, Hotel and Expenses,	682 95		634 19	
	b. Expenses of Employes Meetings,	142 20		74 24	
10	Donations,		240 00		265 00
	a. Contributions, Charitable, etc.,	240 00		265 00	
11	General Welfare, (4)		7484 91		3430 96
	a-2. Proportion of Expense (charged by Treasurer,)	3060 88			
	b. Prizes to Tenants, Employes, etc., for best kept premises, Gardens, etc.,	855 90		774 00	
	c. Expenses of Supt. of Sociological Dept.,			559 03	
	f. Miscellaneous Expenses,	48 25		215 06	
	g. Expenses of Employes Clubs, etc.,	1900 85		202 87	
	h. Office Expenses,	127 43			
	i-1. School of Instruction, Salary of Instructor,	800 00			
	i-2. " " " Office Expenses, etc.,	691 60			
	j. Contributions to Ishpeming Y. M. C. A.,			1680 00	
13	Stable Expenses,		2676 01		2552 06
	b. Proportion of Stable Expenses,	2676 01		2552 06	
15	Pensions Paid, (5)		6978 95		4324 37
	Forward,		92573 59		82013 25

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THE CLEVELAND CLIFFS IRON COMPANY

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF CENTRAL OFFICE EXPENSES ALL COMPANIES.

(Continued)

ACCT. NO.	ACCOUNTS	1912		1911	
		DISTR..	TOTAL	DISTR.	TOTAL
	<u>Brought Forward.</u>				
16	Geological Expenses, (6)		92573 59		82013 25
	a. Salaries,	14897 33		10886 16	
	b. Traveling Expenses,	1234 44		969 47	
	c. Supplies, etc.,	1147 70		661 30	
	d. Office Expenses,	109 05		315 90	
	e. Analysis,			31 46	
17	Mechanical Engineering, (7)		9538 75		15224 19
	a. Salaries,	8140 06		13229 47	
	b-1 Traveling Expenses,	700 17		1267 70	
	b-2 Cost of Opt. Automobile,	284 64			
	c. Supplies, etc.,	226 44		532 26	
	d. Office Expenses,	187 44		1 41	
	e. Repairs,			9 18	
	f. Office Furniture and Fixtures,			184 17	
18	Mining Engineering, (8)		9033 20		10495 79
	a. Salaries,	5277 00		5280 00	
	b. Traveling Expenses,	1137 18		860 53	
	c. Supplies,	2284 14		2515 66	
	d. Office Expenses,	246 10		737 19	
	e. Insurance,	34 80		34 80	
	f. Taxes,	53 98		56 90	
	h. Repairs and Renewals,			242 72	
	i. Office Furniture and Fixtures,			767 99	
19	Abstracting and Recording,		2111 35		1976 07
	a. Salaries,	1662 90		1355 00	
	b. Expenses,	448 45		621 07	
21	Special & General Expenses (Detail attached)		1318 28		1921 44
	a. Special Payments,	59 75		199 80	
	d. Special Expenses,	1258 53		1721 64	
22	Safety Department, (9)		4165 78		3272 84
	a. Salaries,	2499 92		2213 01	
	b. Traveling Expenses, etc.,	567 94		656 62	
	c. Supplies,	957 13		343 89	
	d. Office Expenses,	140 79		59 32	
23	Workmens Compensation,		365 75		
	a. Salaries,	100 00			
	b. Traveling Expenses,	120 00			
	c. Supplies,	145 75			
24	Medical Services, Workmens Compensation, (To be shown as Acct. #30-g, Personal Injury Expense in year 1913)		12 70		
	Total,		136507 92		127767 87

TJR-AL.

THE CLEVELAND CLIFFS IRON COMPANY
MINING DEPARTMENT

EXPLANATIONS OF DIFFERENCES IN CHARGES TO CENTRAL OFFICE ACCOUNTS FOR THE YEARS 1911 AND 1912.
(SUPPLEMENTARY TO ANNUAL COMPARATIVE STATEMENT OF CENTRAL OFFICE EXPENSES YEAR 1912)

(1) Account No. 1 - Salaries.

Salary of Chief Sampler taken up on Central Office Roll for year 1912,		\$1265.00
New Departments added during year 1912.		
Traffic Dept.,	210.00	
File Dept.,	440.00	
Rented House Dept.,	495.00	1145.00
Increases in Salaries,		575.00
Extra Clerical force,		1825.00
	<u>Total.</u>	<u>\$4810.00</u>

(2) Account No. 4 - Office Furniture and Fixtures.

New furniture for Bookkeeping room on 2nd floor was purchased during year 1911.

(3) Account No. 5 - Office Expenses.

- (a) Less Janitor service in 1912 than in 1911.
- (c) Small amount of repairs made to Central Office Building in 1912.

(4) Account No. 11 - General Welfare.

- (a-2) This is the proportion of General Expense items charged to Treasurer and re-distributed to the various departments on basis of Operating Pay Roll. This account also account "i" have been added during year 1912.
- (j) Contributions to Ishpeming Y. M. C. A. for year 1911 is included in account "g" for 1912.
\$541.23 of charge to account "c" in year 1911 is expenses of Housing Committee. There was no expenses of Housing Committee in 1912.

(5) Account No. 15 - Pensions Paid.

Increase in number of Pensioners (See detail statement from Pension Dept.)

(6) Account No. 16 - Geological Expenses.

- (a) Salary of Geologist, E. E. White, which was paid from Cleveland Office in year 1911 was taken up on our pay roll in year 1912.
- (c) Amount paid to Geo. J. Maas for rental of Maas Patent Drill Hole Compasses \$300.00. Purchased 1 - 1 1/2" Special Core Barrel, \$75.00.
Account "e" Analysis for year 1911 included in account "c" in 1912.

(7) Account No. 17 - Mechanical Engineering.

- (a) Salaries of the Assistant Master Mechanics were charged direct to the various mines from February 1st, 1912.
- (b-1) 1 Horse was used in year 1912 and 2 during 1911. Account "2-b" is included in this account for year 1911.
- (d) From May 1st, 1912 proportion of cost of heating Hard Ore Office Bldg. was charged to this account.

(8) Account No. 18 - Mining Engineering.

- (b) Cost of extra Livery Hire for year 1912 - \$254.50
- (d) Decrease in cost of Lighting is due to the decrease in Kw. Hr. Cost for year 1912. During 1912 the heating and lighting costs were distributed proportionately to Mining Engineering, Geological Expenses, Safety Dept. and Pension Department. This distribution is one-half of the total heating and lighting cost. This was charged to Mining Engineering in 1911. The other half of total costs is charged to Office Expenses "a".

(9) Account No. 22 - Safety Dept.

- (c) Purchased 9000 Safety Rule Books in year 1912, \$522.00

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THE CLEVELAND CLIFFS IRON COMPANY
MINING DEPARTMENT
LIST OF VOUCHERS MAKING UP CHARGES TO ACCOUNT "SPECIAL AND GENERAL EXPENSES" PER
ANNUAL STATEMENT OF CENTRAL OFFICE EXPENSE FOR YEAR 1912.

VOCHR.NO.	In favor of	"a" Special Payments	"d" Special Expenses	Total
D2026	Wm. P. Belden,		21 66	
3047	Wm. P. Belden,		3 45	
4006	Wm. P. Belden,		14 80	
4077	R. H. McCartney, Cashier,		15 75	
4118	R. H. McCartney, Cashier,		102 50	
5014	Wm. P. Belden,		43 00	
5086	D. J. Sliney, Treasurer,		312 22	
6018	Wm. P. Belden,		17 00	
7241	Childs Art Gallery,	14 00		
8026	Wm. P. Belden,		12 50	
8117	Independence Inspection Bureau,		225 00	
8126	R. H. McCartney, Cashier,		20 00	
9038	Wm. P. Belden,		8 50	
10011	Wm. P. Belden,		42 38	
10019	R. H. McCartney, Cashier,		29 00	
10061	G. M. Gillette, President,		75 00	
10086	R. H. McCartney, Cashier,		112 54	
10204	R. H. McCartney, Cashier,		46 98	
10221	Oscar F. Johnson,	45 75		
12363	Warren H. Manning,		156 25	
	Total	59 75	1258 53	1318 28

TJR-AL.

THE CLEVELAND CLIFFS IRON COMPANY

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF CENTRAL OFFICE EXPENSES ALL COMPANIES.

(Continued)

DISTRIBUTION	1912		1911	
	CURRENT YEAR AMOUNT		LAST YEAR AMOUNT	
Hard Ore,	2156	52 ✓	5760	17
Lake,	19642	62 ✓	15356	37
Cliffs Shaft,	18462	63 ✓	14128	61
Salisbury,	9582	81 ✓	8126	63
Athens Mining Co.,	82	92		
Ashland,	11025	92 ✓	9852	62
Austin,	8339	16 ✓	7354	97
Maas,	3390	33 ✓	1180	30
Negaunee,	17387	37 ✓	15942	56
Crosby,	3311	09 ✓	4464	61
Princeton,	1813	12 ✓	5914	68
Imperial,	414	49 ✓	4755	67
Stephenson,	17461	91 ✓	12541	74
Lucy,	106	83 ✓	2202	63
Morris-Lloyd (North Lake #1&2 Opening)	5265	47	4164	53
Lloyd,	8793	06 ✓	3900	76
Chase,	587	86	1726	11
South Jackson,	960	19 ✓	745	76
Gwinn,	341	11 ✓	3234	18
Francis,	11	10 ✓	180	96
Jopling,			11	82
Gardner,			165	98
Steam Electric Power Plant, Opt.,	292	70 ✓	371	39
Carp River Water Power Plant, Opt.,	222	68 ✓		
Au Train Water Power Plant, Opt.,	208	13	20	68
Iron River Explorations,	122	53 ✓	155	69
Jackson "	362	37 ✓	206	41
North Lake "	10	97 ✓	832	29
Barnes "			206	78
Menominee "			17	29
Crystal Falls "	6	93 ✓		
Jackson Union Hole No. 9,	2	05 ✓		
Carp River Water Power,	6143	05 ✓	4245	66
Total,	136507	92	127767	67 ✓

TJR-AL.

Ishpeming, Mich.,
March 11th, 1913.

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT
STATEMENT OF ANALYSIS OF LEGAL EXPENSE, ACCOUNT NO. 8, FOR YEAR ENDING
DECEMBER 31ST, 1912, WITH COMPARISON OF 1911

		YEAR 1912		YEAR 1911	
<u>CENTRAL OFFICE.</u>					
	Salary and Expenses of Solicitors, and Special Attorneys,	5550	46	5315	64 ✓
<u>CROSBY MINE.</u>					
	H.J. Grannis, to looking after taxes for 1910 & 1911	21	00		
	" " " 1911		5		00
	Total Crosby Mine,	26	00 ✓	116	85 ✓
<u>ASHLAND MINE.</u>					
(1)	H.M. Norris retainer fees from Oct. 1st, 1911 to Oct. 1, 1912	250	00		
	Hayes Mining Co. Lease covering land adjoining Ashland Mine		2		00
	Total Ashland Mine,	252	00 ✓		
<u>MAAS MINE.</u>					
	Joseph Primeau recording deed from Francois L'Huilier to Elzear Guimond,		75		
	Prep. of deed, J.D. Phelps et al., to C.C.I.Co.		1		00
	Fees covering appointments as Notary Public (E.A. Doty)		1		00
	For Notary Public Commissions		50		
	Total Maas Mine,	3	25 ✓	5	75 ✓
<u>CHASE MINE.</u>					
	J. Primeau recording mining leases from Barnes Land Co.	3	50	17	37 ✓
<u>GWINN DISTRICT.</u>					
	Fees covering appointment as Notary Public (J.I. Keeton)	1	00		
	Notary Commissions		50		
	Joseph Primeau, fees covering C. & N.W. Ry.Co. extension agreement	31	50		
	Total Gwinn District,	33	00 ✓		
<u>PRINCETON MINE.</u>					
	Current Year, None			2	00 ✓
<u>STEPHENSON MINE.</u>					
	Current Year, None			1	50 ✓
<u>NORTHWESTERN LEASE, SECTION 35.</u>					
	Current Year, None			1	50 ✓
	Total Forward,	5868	21 ✓	5460	61 ✓

STATEMENT OF ANALYSIS OF LEGAL EXPENSE, ACCOUNT NO. 8, FOR YEAR ENDING
DECEMBER 31ST, 1912 WITH COMPARISON OF 1911.
 (Continued)

	YEAR 1912		YEAR 1911	
<u>Brought Forward,</u>	5868	21	5460	61
<u>NORTHWESTERN LEASE, SECTION 27.</u>				
Current Year, None			1	50
<u>NORTHWESTERN LEASE, SECTION 21.</u>				
Current Year, None			1	50
<u>NORTHWESTERN LEASE, SECTION 19.</u>				
Current Year, None			1	50
<u>JOPLING MINE.</u>				
Current Year, None			5	25
<u>MORRIS-LLOYD MINES.</u>				
Current Year, None				56
<u>IRON RIVER EXPLORATIONS.</u>				
2) M.H. Moriarty, retainer fees from 4/1 to 6/30 - 1912	125	00		
Alex. D. Rogers for certified copies of assignments of Selden Lease	2	00		
<u>Total Iron River Explorations,</u>	127	00	626	00
<u>IMPERIAL MINE.</u>				
Wm. P. Belden, drawing up contract	2	00	1	00
<u>LUCY MINE.</u>				
Current Year, None			1	00
<u>CLIFFS SHAFT MINE.</u>				
Current Year None			2	50
<u>NEGAUNEE MINE.</u>				
Negaunee Iron Herald for publication chancery notice in petition to vacate Maas, Lonstorf & Mitchell Additions	13	48		
Preparation of petition for vacation of Maas, Lonstorf & Mitchell Addition, order of publication and other court proceedings and correspondence relating thereto	10	00		
Prep. of deed, C.C.I.Co. to Negaunee Mine	1	00		
Fees covering appointment as Notary Public (J.W. Whiting)	1	00		
For Notary Public Commissions	50			
<u>For'd</u>	25	98		
<u>Brought Forward,</u>	5997	21	6101	42

STATEMENT OF ANALYSIS OF LEGAL EXPENSE, ACCOUNT NO. 8, FOR YEAR ENDING
DECEMBER 31ST, 1912 WITH COMPARISON of 1911.
 (Continued)

	YEAR 1912		YEAR 1911	
<u>Brought Forward,</u>	5997	21	6101	42
<u>NEGAUNEE MINE (CONTINUED).</u>				
<u>Bro't For'd</u>	25	98		
John Rough, serving notice to quit in Negaunee Mine of Sam Kuusisto		50		
Expenses Mr. Clancey to Marquette regarding Sam Kuusisto and Mrs. Murphy		81		
Expenses Mr. Randall to Marquette copying records of Mitchell Estate,		88		
Expenses Mr. Berg to Marquette copying records of Mitchell Estate		1 63		
J.H. Primeau, fees, recording deed C.C.I.Co. to Negaunee Mine		1 00		
F.G. Jenks, fees, in Petition of Lonstorf Investment Co. and entering all files in Chancery Journal		11 85		
Prep. Contract for Buildings at Negaunee Mine with Lippsett and St.Clair		3 00		
Prep. of final decree and other papers in vacation proceedings in Maas, Lonstorf & Mitchell Addition		3 00		
<u>Total Negaunee Mine,</u>	48	65	21	39
<u>CARP RIVER WATER POWER.</u>				
Prep. Deed and other papers, Louis Cowling & Wife to C.C.I.Co.		4 50		
<u>GRAND TOTAL,</u>	6050	36	6122	81

(1) Retainer fee for H.N. Norris, Ashland Mine @ \$250.00 a year, paid in 1910 for years 1910 and 1911.

(2) Retainer fee M.H. Moriarity, \$500.00 per year.

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First quarter 1912 taken up in Central Office Legal Salaries and Expenses of Solicitors and Special Attorneys.	\$125.00
Second quarter 1912 taken up in Iron River Explorations Legal Expense,	125.00
Total Year 1912, to June 30th,	\$250.00

THE CLEVELAND-CLIFFS IRON COMPANY

Ishpeming, Mich.,
Mar. 11th, 1913.

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF DONATIONS, ACCT. NO. 10, ALL COMPANIES.

CENTRAL OFFICE	BY WHOM AND WHEN AUTHORIZED	YEAR	
		1912	1911
Hematite Lodge #612 B.R.T. Tickets, Ishpeming	Mr. Duncan	10 00	
First Methodist Episcopal Church, Ironwood	Mr. Mather Letter 2/7/12	100 00	
Treasurer, Ishpeming Ski Club	Mr. Duncan Letter 2/21/12	25 00	
Swedish Mission Church, Gwinn	Mr. Mather Letter 2/27/12	50 00	
Ishpeming Fire Dept. Tickets Annual Ball,	Mr. Duncan	25 00	
Methodist Episcopal Church	Mr. Duncan Letter 11/25/12	10 00	
Ishpeming Band, Concert Tickets	Mr. Duncan	5 00	
Gwinn Fire Dept., Tickets Annual Ball	Mr. Duncan	15 00	
<u>Total Central Office,</u>		240 00	265 00
<u>ASHLAND MINE.</u>			
Current Year, None			100 00
<u>CROSBY MINE.</u>			
Current Year, None			50 00
<u>MAAS MINE.</u>			
Negaunee Fire Dept., Tickets Annual Ball	Mr. Duncan	12 50	91 67
<u>LUCY MINE.</u>			
Current Year, None			91 66
<u>AUSTIN MINE.</u>			
Current Year, None			6 55
<u>STEPHENSON MINE.</u>			
Donated House Rent to Mrs. Krego Koski	W.G. Mather	14 13	
" Water " " " " "	"	88	
<u>Total Stephenson Mine,</u>		15 01	12 20
<u>PRINCETON MINE.</u>			
Current Year, None			82 07
<u>Forward,</u>		267 51	699 15

ANNUAL COMPARATIVE STATEMENT OF DONATIONS, ACCT. #10, ALL COMPANIES.
(Continued)

	BY WHOM AND WHEN AUTHORIZED	YEAR		YEAR	
		1912	1911	1911	1915
<u>Brought Forward,</u>		267	51	699	15
<u>GWINN MINE.</u>					
Current Year, None				3	80
<u>GWINN DISTRICT.</u>					
Roman Catholic Church, Gwinn	Letter 9/12/12 R.C. Mann Auth. 5/20/10	6	00		
Donated Water Rents, Finnish Ev.Luth.Church, Gwinn	Mr. Duncan Auth.5/20/10	1	50		
" Gwinn Methodist Church "	Mr. Duncan	1	50		
<u>Total Gwinn District,</u>		9	00	33	00
<u>LAKE MINE.</u>					
Donated House Rent to Mrs. James Nichols	Dec.1st, '08	60	00	60	00
<u>SALISBURY MINE.</u>					
Doanted House Rents to Mrs. Chas. Olson	"	36	00	36	00
" " Wm. Connibear	"	18	00	18	00
<u>Total Salisbury Mine,</u>		54	00	54	00
<u>NEGAUNEE MINE.</u>					
Negaunee Fire Dept. Tickets Annual Ball	Mr. Duncan	12	50	91	67
<u>GRAND TOTAL</u>		403	01	941	62
<u>S U M M A R Y.</u>					
<u>Religious Institutions.</u>					
First Methodist Episcopal Church - Ironwood		100	00		
Swedish Mission Church - Gwinn		50	00		
Methodist Episcopal Church		10	00		
Roman Catholic Church - Gwinn		6	00		
<u>Total Churches,</u>		166	00	600	00
Bands, Patriotic & Civic Societies		105	00	65	00
Holiday Celebrations				129	62
Donated House Rents		128	13	144	00
" Water "		3	88	3	00
<u>GRAND TOTAL,</u>		403	01	941	62

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THE CLEVELAND-CLIFFS IRON COMPANY.

STATEMENT OF EXPENSES OF PENSION DEPARTMENT FOR YEAR

ENDING DECEMBER 31ST, 1912, AS COMPARED WITH YEAR ENDING DECEMBER 31ST, 1911.

ACCT. NO.			1912	1911	
	<i>Account No 11</i>				
A-1	Salaries of Supt. of Pension Dept. and assistants	(y)	3409.19	3646.50	
A-2	Proportion of expenses charged by Treasurer (see distribution \$ 3060.88)	(x)			
b.	Prizes to tenants and employes for Best Kept Premises, gardens, etc.				
	Ishpeming	(x)	275.00	275.00 ✓	
	Negaunee	(x)	84.00	83.50 ✓	
	Ironwood	(x)	100.00	100.00 ✓	
	Austin, Princeton and Gwinn	(x)	100.00	95.00 ✓	
	North Lake	(x)	63.50		
	Miscellaneous	(x)	233.40	220.50 ✓	
	Austin, Princeton and Gwinn	(z)	38.50		
c.	All expenses of Supt. of Pension Dept. including travelling expenses and livery	(y)	312.65	577.56 ✓	
d.	Salary and expenses of Visiting Nurse - Ishpeming	(x)	1143.04	1143.94 ✓	
	Rest Cottage - Deer Lake	(x)	270.23	482.89 ✓	
	Salary and expenses of Visiting Nurse - Negaunee	(x)	1033.60	362.50 ✓	
	Salary and expenses of Visiting Nurse - Gwinn	(z)	1068.14	752.80 ✓	
e.	Apparatus, Express and Freight	(y)	43.22	113.35 ✓	
f.	Miscellaneous Expenses				
	Tina Lehtinen, care at Gwinn Hospital	(x)		150.00 ✓	
	Leader of Gwinn Band	(z)	103.33		
	Photographs and apparatus ✓ z	(y)	45.05	185.08 ✓	
	Books and Magazines	(y)	6.57	33.13 ✓	
	Livery and incidentals c	(x)	48.25	20.06 ✓	
	Livery and incidentals c	(y)	75.50	68.00 ✓	
	Peter A. Anderson, assistance previous to pension	(x)		45.00 ✓	
	Land Department Account. Auto for W. H. Manning		5.00	5.00 ✓	
	Expenses of Housing Committee	(x)		541.23 ✓	
	Mr. Belden's expenses, National Civic Federation Meeting New York, January 12-24, 1911	(x)		17.80 ✓	
g.	Employes Clubs				
	Bowling alley and Club Work	(x)	50.70	40.60 ✓	
	Tennis Court - Ishpeming	(x)	48.89	78.77 ✓	
	Superintendents lunches and incidentals (z)	(x)	13.30	83.50 ✓	
	Phonograph and 200 records for club room	(x)	75.00		
	Making record case	(x)	32.96		
	Gwinn Club House	(z)	3327.29	3677.48 ✓	
	Ishpeming Y. M. C. A.	(x)	1680.00	1680.00 ✓	
h.	Office Expense				
	Postage	(y)	54.50	55.00 ✓	
	Books, blank forms, stationery and files	(y)	58.82	132.08 ✓	
	Office Furniture and Equipment	(y)	129.58		
	Heat and Light	(y)	32.78		
	Printing Pension Booklets and incidentals	(x)	127.43		
	<u>SCHOOL OF INSTRUCTION.</u>				
I-1	Salary of Instructor	(x)	800.00		
I-2	Travelling expenses, livery, printing, stationery, etc.	(x)	691.60		
	Total Department Expense,		\$15581.02 ✓	\$14686.27 ✓	

THE CLEVELAND-CLIFFS IRON COMPANY.

STATEMENT OF EXPENSES OF PENSION DEPARTMENT FOR YEAR

ENDING DECEMBER 31ST, 1912, AS COMPARED WITH YEAR ENDING DECEMBER 31ST, 1911.

(CONTINUED)

DISTRIBUTION		1912	1911
	1912 1911		
Mining Department		14469.04	9850.57
(1) Charges to Central Office from Treas,	3060.88* (x)		
(1) Charges to Central Office - Direct	4424.03 3430.96 (x)		
(2) Visiting Nurse - Ishpeming	1143.04 1143.94 (x)		
(2) Rest Cottage - Deer Lake	270.23 482.89 (x)		
(3) Visiting Nurse - Negaunee	1033.60 362.50 (x)		
Charges to Gwinn District Office	4537.26 4430.28 (z)		
(4) Club House	3327.29 3677.48 ✓		
(4) Visiting Nurse	1068.14 752.80		
(4) Leader Gwinn Band	103.33		
(4) Prize Premises	38.50		
General Expense, To Treasurer	(y)		4830.70*
General Expense from Treasurer to other Departments	(y)	1106.98*	
Land Department		5.00	5.00
		\$15581.02	\$14686.27 ✓

- (1) Charged to Central Office Expense - General Welfare 11 D.
- (2) Charged to Opt. Ishpeming Dist. Mines - General Exp. 11 D.
- (3) Charged to Opt. Negaunee Dist. Mines - General Exp. 11 D.
- (4) Charged to Gwinn District Office Expense - General Welfare 11 D.

NOTE: * General Expense Items marked "y" absorbed by Treasurer for year 1911. The same expense for year 1912 was charged to Treasurer monthly and transferred to the various departments on basis of total payrolls and taken up as Account A-2.

Handwritten initials and date:
 JMD 3/15/13

Items on sheet 1 indicated by letter "y" are charged Treasurer for redistribution to Departments on basis of pay roll for each.
 Total for 1912, \$4167.86.

Handwritten summary:

Mining Department	14,469.04
Gwinn " "	586.00
Land " "	157.13
Land Dept " "	363.85
	<hr/>
	15,576.02
	1 5.00
	<hr/>
	15,581.02

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THE CLEVELAND-CLIFFS IRON COMPANY.

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF PENSIONS PAID 1912

(ACCOUNT NO. 15 - ALL COMPANIES)

Record No.	Name	Date began or ended	Rate per Month	Current Year 1912	Previous Year 1911	Total to Date
1	John Barry	Sept 1 1908	15.00	180.00	180.00	761.54
* 2	Dennis Coughlin	Feb. 1 1911	15.00	0.00	15.00	394.48
3	Swedish Lutheran Orphanage	Sept 1 1909	15.00	180.00	180.00	600.00
# 3	Chas. Bjork, Guardian	Nov. 1 1908	1.00	6.00	12.00	195.00
z 4	Widow and four children of Joseph Pryor	Dec. 1 1908	16.00	193.00	204.00	845.00
x 5	Widow and three children of Domnica Giorgianni	Sept 1 1909	15.00	0.00	45.00	285.00
6	Charles Renberg	Jan. 1 1910	15.65	187.80	187.80	563.40
7	George T. Gentry	Feb. 1 1910	17.32	207.84	207.84	606.20
8	Widow of Oscar Mattila	Jan. 1 1910	12.00	144.00	144.00	432.00
% 9	Daniel Oie	Mar. 1 1912	16.16	32.32	193.92	339.36
10	Children of Nich. Pearce	July 1 1910	14.00	168.00	168.00	420.00
11	Thomas Wolfendale	Oct. 1 1910	15.00	180.00	180.00	405.00
12	Widow and one child of John Ayotte	Aug. 1 1910	13.00	156.00	156.00	377.00
13	Widow and three children of Donato Carso	Sept 1 1910	15.00	180.00	180.00	420.00
14	Widow of James Williams	Oct. 1 1910	12.00	144.00	144.00	324.00
15	Widow and three children of Herman Hupala	Dec. 1 1910	15.00	180.00	180.00	375.00
16	Widow and five children of John Lepisto	Dec. 1 1910	17.00	204.00	204.00	425.00
17	Widow and two children of Abel Himmottu	Dec. 1 1910	14.00	168.00	168.00	350.00
18	Widow and three children of Edward Honkala	Dec. 1 1910	15.00	180.00	180.00	375.00
19	Widow and two children of Gustaf Johnson	Dec. 1 1910	14.00	168.00	182.00	350.00
20	Charles Erickson	Feb. 1 1911	15.00	180.00	165.00	345.00
21	Widow and four children of Henry Hill	May 1 1911	16.00	192.00	128.00	320.00
22	Peter A. Anderson	June 1 1911	17.88	214.56	125.16	339.72
23	Gust Anderson	June 1 1911	15.45	185.40	108.15	293.55
24	Widow of Oscar Johnson	June 1 1911	12.00	144.00	84.00	228.00
25	Widow and two children of Jacob Hannula	June 1 1911	14.00	168.00	98.00	266.00
26	Widow of Simon Mattson	June 1 1911	12.00	144.00	84.00	228.00
27	Walter Vicary	Sept 1 1911	28.42	341.04	113.68	454.72
28	Isaac Moss	Sept 1 1911	25.00	300.00	100.00	400.00
29	Widow and one child of Nicholas Peterson	Sept 1 1911	13.00	156.00	52.00	208.00
30	Matthew Ryan	Nov. 1 1911	18.47	221.64	36.94	258.58
31	John Scott	Nov. 1 1911	30.94	371.28	61.88	433.16
32	Widow and two children of Krego Koski	Sept 1 1911	14.00	168.00	56.00	224.00
33	Gunder Vinge	Dec. 1 1911	15.00	180.00	15.00	195.00
	Forward			\$5824.88	\$4339.37	\$13036.71

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THE CLEVELAND-CLIFFS IRON COMPANY.

MINING DEPARTMENT

ANNUAL COMPARATIVE STATEMENT OF PENSION PAID 1912

(ACCOUNT NO. 15 - ALL COMPANIES)

Record No.	Name	Date began or ended	Rate per Month	Current Year 1912	Previous Year 1911	Total to Date
	Brought forward			5624.88	4339.37	13036.71
34	Samuel Metherell	Feb. 1 1912	26.32	289.52		289.52
35	Thomas Coughlin	Mar. 1 1912	21.80	218.00		218.00
36	John A. Blomgren	Mar. 1 1912	18.97	189.70		189.70
37	A. P. Peterson	May 1 1912	29.24	233.92		233.92
38	Wife and two children of George Austin	Aug. 1 1912	14.00	70.00		70.00
39	Chas. A. Forsberg	Oct. 1 1912	24.71	74.13		74.13
40	Chas. O. Hellberg	Nov. 1 1912	17.02	34.04		34.04
41	John K. Stevens	Nov. 1 1912	22.38	44.76		44.76
	Total			\$6978.95	\$4339.37	\$14190.78

NOTE:

Total Pensions as above for 1911 \$4339.37

Less adjustment in 1911 of amount closed off in September 1910 as Pension of Thomas Wolfendale, whose pension was not entered on Pension Roll until October 1910.

m 15.00

Total Pensions as per Ledger 1911 \$4324.37

- m This amount closed off in 1910 in excess of Pensions Paid
- * Dennis Coughlin died February 2nd, 1911. Last pension payment was in January 1911.
- # Bjork boy under care of Chas Bjork reached the age of sixteen. Last payment made to Chas. Bjork in June, 1912.
- z Mrs. Pryor. Pension for January \$17.00
Pension from February to December 16.00
- x Mrs. Giorgianni remarried March 22nd, 1911. She received her last pension payment in March, 1911.
- % Daniel Oie died March 6th, 1912. Last pension payment made in February 1912.

M+M

JMA 3/28/13

THE CLEVELAND -CLIFFS IRON COMPANY

MINING DEPARTMENT

COMPARATIVE STATEMENT OF GENERAL, DISTRICT AND MINE OFFICE EXPENSES FOR THE YEAR 1912
AS COMPARED WITH YEAR 1911.

ACT. NO.	ACCOUNT	CENTRAL OFFICE		GWINN DISTRICT OFFICE		NORTH LAKE DISTRICT OFFICE		MINE OFFICE EXP. OPT. & OPG. MINES EXPLOS. ETC.		GRAND TOTAL 1912		GRAND TOTAL 1911	
		DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS
		1	Salaries		56626 64		14896 16		7505 76		50626 28	131	854 64		124756 43
2	Printing and Stationary		2808 15		231 35		16 40		293 36		3349 26		3253 60
3	Postage		841 93		155 96				198 51		1196 40		1286 58
4	Office Furniture & Fixtures (1)		538 94		84 82		227 90		180 33		1031 99		1985 64
	a. Furniture & Fixtures	271 30				221 55		72 04		564 89		1555 02	
	b. Apparatus	170 73		72 94				103 81		347 48		327 72	
	c. Repairs	96 91		11 88		6 35		4 48		119 62		102 90	
5	Office Expenses		2917 76		1247 64		369 37		3379 87		7914 64		10217 26
	a. Petty Office Expense (2)	1753 21		822 04		369 37		81 87		26 49		7974 09	
	b. Papers, Periodicals, etc.	104 13						7 85		111 98		116 78	
	c. Moving, Changing, Repairing, etc.	520 40		365 60				103 43		1009 43		1167 24	
	d. Livery Hire	21 16		35 00				30 70		86 86		64 77	
	f. Fidelity Bond Premiums	85 00		5 00				84 57		174 57		266 22	
	i. Extra Expenses							71 45		71 45		88 05	
	j. Special & Annual Audits	150 00								150 00		360 31	
	k. Mercantile Reports											1 00	
	l. Fees for Charter License, etc.	50								50			
	m. Insurance on Office Property	30 74								30 74		27 54	
	n. Taxes	252 62								252 62		151 26	
6	Telephone & Telegraph		2224 69		756 89		101 65		1223 41		4306 64		4341 89
	a. Line Rentals	366 03		255 00		101 65		812 60		1535 28		1573 02	
	b. Telephones, Tolls, etc.	1310 98		15 70				370 51		1697 19		1464 97	
	c. Salaries of Operators, etc.	445 00		320 00				60		765 60		755 00	
	d. Local Installation & Repairs	102 68		166 19				39 70		308 57		548 90	
7	Rentals		660 00								660 00		747 50
	a. Rental of Office or Depreciation	300 00								300 00		387 50	
	b. Rental of Agent's Residence, etc.	360 00								360 00		360 00	
8	Legal Expenses (See detail Statement)		5550 46		33 00				466 90		6050 36		6122 81
	a. Prop. of Salaries of Solicitors	4625 00								4625 00		4500 00	
	b. Prop. of Expenses	849 59								849 59		772 07	
	c. Retainers Fees & Special Fees			33 00				402 00		435 00		625 00	
	d. Litigation and other Legal Expenses	75 87						64 90		140 77		225 74	
9	Traveling and Entertainment		825 15		319 62		13 70		2068 83		3227 30		3813 89
	a. Car Fare - Hotel & Expenses	682 95		299 10		13 70		1989 75		85 50		3505 21	
	b. Expenses account Employees Meeting	142 20		20 50				79 08		241 80		308 68	
10	Donations (See detail Statement)		240 00		9 00				154 01		403 01		941 62
	a. Contributions, charitable, etc.	240 00						25 00		265 00		794 62	
	b. Donated Lot Rents			9 00						9 00		147 00	
	c. " House Rents							68 13		68 13			
	d. " Water "							60 88		60 88			
11	General Welfare (See detail statement) (3)		7484 91		4537 26		362 10		2084 77		14469 04		9850 57
	a. Prop. Expenses charged by Treasurer	3060 88								3060 88			
	b. Prizes to Tenants & Employees	855 90		38 50						894 40		774 00	
	c. Housing Committee											559 03	
	d. Salary & Expenses of Visiting Nurses			1068 14		362 10		2084 77		3515 01		2742 13	
	f. Miscellaneous Expenses	48 25		103 33						151 58		215 06	
	g. Expenses Employees Club	1900 85		3327 29						5228 14		+ 202 87	
	h. Office Expenses, etc.	127 43								127 43			
	i. Operating Gwinn Club House											+ 3677 48	
	i.1 Salary of Instructor	800 00								800 00			
	i.2 Traveling Expenses, etc.	691 60								691 60			
	j. Contributions to Ishpeming Y.M.C.A.											+ 1660 00	
13	Stable Expenses		2676 01		1845 44		535 64		2404 79		7461 88		7253 08
	a. Operating and Maintenance			1845 44		210 76		882 58		2938 78		4078 19	
	b. Prop. Stable Expense	2676 01				324 88		1522 21		4523 10		3174 89	
	Forward,		85594 64		24117 14		9132 52		63081 06		181925 36		174570 87

COMPARATIVE STATEMENT OF CENTRAL, DISTRICT AND MINE OFFICE EXPENSES FOR THE YEAR 1912, AS COMPARED WITH YEAR 1911.

ACCT. NO.	ACCOUNT	CENTRAL OFFICE		GWINN DISTRICT OFFICE		NORTH LAKE OFFICE		MINE OFFICE EXP. OPT. & OPC. MINES EXPENSES, ETC.		GRAND TOTAL 1912		GRAND TOTAL 1911	
		DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS	DETAIL	TOTALS
	Brought Forward,		86594 64		24117 14		9132 52		68081 06		181925 36		174870 87
14	Exchange								1603 50		1603 50		1990 00
15	Pension Paid (See detail statement)		6978 95								6978 95		4324 37
16	Geological Expenses (4)		17388 52								17388 52		12864 29
	a. Salaries	14897 33									14897 33	10886 16	
	b. Traveling	1234 44									1234 44	969 47	
	c. Supplies	1147 70									1147 70	661 30	
	d. Office Expenses	109 05									109 05	315 90	
	e. Analysis											31 46	
17	Mechanical Engineering (5)		9538 75	1550 00	1550 00	1375 00	1375 00	4427 29	4427 29		16891 04		18618 10
	a. Salaries	6140 06									15492 38	16482 22	
	1 b. Traveling	700 17									700 17	1405 28	
	2 b. Cost of Operating Automobiles	284 64									284 64		
	c. Supplies	226 44									226 44	535 84	
	d. Office Expenses	187 44									187 44	1 41	
	e. Repairs											9 18	
	f. Office Furniture and Fixtures											184 17	
18	Mining Engineering		9033 20		450 85				6 75	6 75	9490 80		11144 75
	a. Salaries	5877 00									5223 75	5227 44	
	b. Traveling Expenses	1137 18									1137 18	923 85	
	c. Supplies	2284 14		450 85							2734 99	3070 46	
	d. Office Expenses	246 10									246 10	760 59	
	e. Insurance Office Building	34 80									34 80	34 80	
	f. Taxes for Mining Engineering	53 98									53 98	56 90	
	g. Repairs & Renewals											242 72	
	h. Office Furniture and Fixtures											767 99	
19	Abstracting and Recording		2111 35						22 00		2133 35		1976 07
	a. Salaries	1662 90									1662 90	1355 00	
	b. Other Expenses	448 45							22 00		470 45	621 07	
21	Special and General Expense		1318 28							36 80	1355 08		3339 25
	a. Special Payments	59 75									59 75	199 80	
	d. " Expenses (See detail Statement)	1258 53							36 80		1295 33	3139 45	
22	Safety Dept. Expenses		4165 78		68 66		40	40	677 52	677 52	4912 36		3549 81
	a. Salaries	2499 92		81		40		607 59			3108 72	2289 98	
	b. Traveling Expenses	567 94						69 25			637 19	656 62	
	c. Supplies	957 13		67 85				68			1025 66	343 89	
	d. Office Expenses	140 79									140 79	59 32	
	Personal Injury Expenses - b. Gratuities											15 50	15 50
23	Workmen's Compensation		365 75								365 75		
	a. Salaries	100 00									100 00		
	b. Traveling Expenses	120 00									120 00		
	c. Supplies	145 75									145 75		
24	Medical Service		12 70						235 00		247 70		
	GRAND TOTAL		136507 92		26186 65		10507 92		70089 92		243292 41		232162 01

- Office furniture and fixtures - This account for 1911 was higher on account of furniture for new Bookkeeping Department.
- Petty Office Expense - Decreased in 1912 on account of less janitor service and repairs to Central Office, also change in heating distribution at Regaunes Mine.
- General Welfare - Accounts A-2 and 1 & 2 were added to this in 1912.
- Geological Expenses - Salary of chief Geologist paid from Central Office 1912. From Cleveland Office in 1911.
- Mechanical Engineering - One Engineer less in 1912.

DIVISION.

Charged to Operating Mines	\$214,825.22
" Opening "	13,009.40
" Explorations, etc.	15,457.79
Total,	243,292.41

DIVISION OF EXPLORATIONS, ETC.

Iron River Explorations	\$2136.72
North Jackson "	373.53
Jackson Union Hole #9	2.05
Crystal Falls	177.76
North Lake	20.29
Chase	2.74
Carp River Water Power, Constr.	10475.57
Steam Electric	36.88
Au Train Water Power Plant, Opt.	245.09
St. Elec. & Carp River Water Power Plant, Opt.	651.20
Hard Ore Shops	.35
Jackson Location	800.56
Hard Ore Location	531.05
Total,	\$15,457.79

JLF/EP
3-25-13-2.

949080
27645.04
37126.06

76

THE CLEVELAND-CLIFFS IRON COMPANY

MINING DEPARTMENT

SUMMARY OF CENTRAL, DISTRICT AND MINE OFFICE EXPENSES FOR YEAR 1912 AS COMPARED WITH

1 9 1 1.

MINES AND OPEATIONS.	CENTRAL OFFICE		GWINN DISTRICT		NO. LAKE DISTRICT		MINE OFFICES		TOTAL 1 9 1 2		TOTAL 1 9 1 1		
	Hard Ore	2156	52	✓				1437	97	✓	3594	49	10420	73
Lake	19642	62	✓				6173	40	✓	25816	02	20330	51
Cliffs Shaft	18462	63	✓				6194	17	✓	24656	80	20155	25
Salisbury	9582	81	✓				3128	66	✓	12711	47	10565	56
Austin	8339	16	✓	7822	04		2016	37	✓	18177	57	15275	27
Princeton	1813	12	✓	1644	18		1983	38	✓	5440	68	13354	77
Stephenson	17461	91	✓	16381	84		3413	45	✓	37257	20	25999	94
Maas	3390	33	✓				5268	93	✓	8659	26	6255	40
Lucy	106	83	✓				804	89	✓	911	72	3201	13
South Jackson	960	19	✓				418	98	✓	1379	17	1364	48
Negaunee	17387	37	✓				11876	31	✓	29263	68	25268	13
Iloyd	8793	06	✓			6340	51	24	76	15158	33	6646	96
Imperial	414	49	✓				935	56	✓	1350	05	6390	15
Ashland	11025	92	✓				11254	95	✓	22280	87	21293	59
Crosby	3311	09	✓				4676	82	✓	7987	91	10649	36
Foster							60	00		60	00	60	00
Ogden							120	00		120	00	120	00
Opening Chase	587	86				408	55	726	88	1723	29	3891	26
" Gwinn	341	11	✓	314	12			1139	88	1795	11	7362	84
" Morris-Lloyd (1)	5265	47				3746	80	359	94	9372	21	7993	05
" Athens	82	92						30		83	22		
" Kidder												33	46
" Francis	11	10	✓	11	30					22	40	420	44
" MacJinaw				8	90					8	90		
" Gardner				4	27					4	27	307	74
Iron River Exploration	122	53	✓					2016	19	2138	72	2543	62
North Jackson "	362	37	✓					11	16	373	53	223	19
Jackson Union Hole #9	2	05	✓							2	05		
Crystal Falls Expl.	6	93	✓					170	83	177	76		
North Lake "	10	97	✓			9	32			20	29	1641	82
Chase "						2	74			2	74	472	27
Menominee Explorations												281	24
C & N W - Sec. 19 Expl.												1	50
" " 21 "												1	50
Au Train Water Power Const.												61	87
Carp River Water Power	6143	05	✓					4332	52	10475	57	8964	04
Steam Electric Constr.								38	88	38	88	60	57
Opt. Au Train Power Plant	208	13						36	96	245	09	133	18
Carp River Water Power Plant and Steam Electric	515	38	✓					135	82	651	20	417	19
Hard Ore Shops								35		35			
Jackson Location								800	56	800	56		
Hard Ore "								531	05	531	05		
Total,	136507	92		26186	65	10507	92	70089	92	243292	41	232162	01
Total Last Year,	127767	87		25112	27	8149	31	71132	56	232162	01		

(1) Opening Morris-Lloyd Mine.

Mine Office and Medical Service as per Opening Statement

\$470.59

Mine Office as above

359.94

General Welfare included in Mine Office in 1911 Annual Statement

but not charged until January 1912.

\$110.65

JMF/BMP
3-25-13-3.
General Welfare
Copy

THE CLEVELAND-CLIFFS IRON COMPANY

MINING DEPARTMENT

(CORRECTED COPY)

STATEMENT OF CHARGES TO SAFETY DEPARTMENT AND TELEPHONE & SAFETY DEVICES FOR THE YEAR 1912

AS COMPARED WITH THE YEAR 1911.

ACCT. NO.		CENTRAL OFFICE	OPERATING MINES	OPENING MINES	TOTAL MINES	MISCELL-ANEVOUS	TOTAL 1912	TOTAL 1911	
	<u>SAFETY DEPARTMENT, ACCT.#22.</u>								
a	Salaries	2499 92	591 61	17 19	608 80		3108 72	2289 98	
b	Traveling Expenses, etc.	567 94	69 25		69 25		637 19	656 62	
c	Supplies, etc.	957 13	68 53		68 53		1025 66	343 89	
d	Office Expenses, etc.	140 79					140 79	59 32	
	(1) Total Safety Department, 1912	4165 78	729 39	17 19	746 58		4912 36		
	" 1911	3272 84	54 22	22 75	76 97			3349 81	
	<u>MAINTENANCE. TELEPHONES & SAFETY DEVICES. ACCOUNT #137.</u>								
a	Lighting for Shafts and Levels		1184 69		1184 69		1184 69	857 83	
b	Mine Telephones		769 17		760 92		760 92	763 18	
c	Safety Gates & Underground Improvement		2417 55	38 79	2457 34		2457 34	2963 61	
d	Signboards, Signals, etc.		143 97	14 19	158 16		158 16	345 70	
e	Appliances for Care of Injured		142 32	138 50	280 82		280 82	121 83	
f	Miscellaneous (See detail below)		3017 50	495 71	3513 21	752 42	4265 63	6535 35	
	Total Telephone & Safety Devices, 1912		7675 20	679 94	8355 14	752 42	9107 56		
	" 1911		9492 18	883 02	10375 20	1212 30		11587 50	
	GRAND TOTAL 1912,	4165 78	8404 59	697 13	9101 72	752 42	14019 92		
	" 1911,	3272 84	9546 40	905 77	10452 17	1212 30		14937 31	
	<u>DETAIL OF "F" MISCELLANEOUS.</u>								
	Pumps		20 22	163 90	184 12		184 12		
	Shops		287 41	156 74	444 15	396 44	840 59		
	Cages		19 93	20 27	40 20		40 20		
	Hoisting Rope		30 23	49 11	79 34		79 34		
	Engine House		739 22	16 24	755 46		755 46		
	Boiler "		115 53		115 53		115 53		
	Shaft "		117 00	30 16	147 16		147 16		
	Air Compressor		77 05		77 05		77 05		
	Counter Balance		29		29		29		
	Fire Helmets		973 74		973 74		973 74		
	Negaunee New Shaft					215 28	215 28		
	Trestles		293 88	29 97	323 85		323 85		
	Crusher		1 56		1 56		1 56		
	Open Pits		14 65		14 65		14 65		
	Sample Crusher		32 49		32 49		32 49		
	Steam Shovels		186 96		186 96		186 96		
	Skip Hoist		2 30	29 32	31 62		31 62		
	Coal Dock		48 01		48 01		48 01		
	Top Tram Motor		8 06		8 06		8 06		
	Miners Candle Holders		3 17		3 17		3 17		
	Transfer Engines		45 80		45 80		45 80		
	Central Power Plant					140 70	140 70		
	Total,		3017 50	495 71	3513 21	752 42	4265 63	6535 35	

* Item C - Supplies, etc. - Increase in 1912 due to purchase of Safety Rule Books \$522.00
 Also 4 Industrial Boxes, 6 Pneumatic Cushions for Helmets 60.00
 \$582.00

JMF/BMP
 1-30-13-3.

JMF 3/15/13

THE CLEVELAND-CLIFFS IRON COMPANY

STATEMENT OF CHARGES TO TELEPHONES & SAFETY DEVICES, ACCT. #137 FOR THE YEAR 1912

AS COMPARED WITH THE YEAR 1911.

	A	B	C	D	E	F	TOTAL	TOTAL
	LIGHTING FOR SHAFTS & LEVELS	MINE TELEPHONES	SAFETY GA. & UNDERGR. IMP.	SIGNBOARDS SIGNALS ETC.	APPLIANCES FOR CARE OF INJURED	MISCELL- ANEOUS	1912	1911
<u>OPERATING MINES.</u>								
Hard Ore			50	5 25			5 75	135 25
Lake			574 65	34 72		185 60	794 97	2711 02
Cliffs Shaft	496 49	92 97	541 45	59 91	15	466 58	1657 55	2085 32
Salisbury	59 98	4 69	26 45		3 52	54 80	149 44	538 52
Negaunee		231 73	46 81		138 65	220 40	637 59	487 84
Maas	142 80	47 78	44 88	13 71		695 75	944 92	240 12
Austin	67 99	109 13	320 76	75		25 31	523 94	675 90
Stephenson	383 30	137 39	735 56	19 91		132 57	1408 73	1057 54
Princeton	16 78	16 40	1 46			35 51	70 15	472 15
Ashland	13 60	94 74	76 60	9 72		1078 06	1272 72	647 47
Lloyd	3 75	34 34	48 43			19 59	106 11	158 14
Crosby						103 33	103 33	75 08
South Jackson								28 48
Lucy								83 11
Imperial								96 24
<u>Total 1912,</u>	<u>1184 69</u>	<u>769 17</u>	<u>2417 55</u>	<u>143 97</u>	<u>142 32</u>	<u>3017 50</u>	<u>7675 20</u>	
<u>" 1911,</u>	<u>855 99</u>	<u>758 11</u>	<u>2803 67</u>	<u>335 20</u>	<u>121 83</u>	<u>4617 38</u>		<u>9492 18</u>
<u>OPENING MINES.</u>								
Morris			39 79	11 79	138 50	448 29	638 37	438 92
Chase				2 40		47 42	49 82	192 91
Gwinn		8 25					8 25	89 44
Lloyd								161 75
<u>Total 1912</u>		<u>8 25</u>	<u>39 79</u>	<u>14 19</u>	<u>138 50</u>	<u>495 71</u>	<u>679 94</u>	
<u>" 1911</u>	<u>1 84</u>	<u>5 07</u>	<u>159 94</u>	<u>10 50</u>		<u>705 67</u>		<u>883 02</u>
<u>MISCELLANEOUS.</u>								
(2) Hard Ore Shop Machinery						396 44	396 44	712 98
(3) Negaunee New Shaft						215 28	215 28	
(4) Central Power Plant						140 70	140 70	4 05
Steam Shovel #3								65 66
" #4								100 71
" #8								96 01
" #10								121 57
" #11								111 32
<u>Total 1912,</u>						<u>752 42</u>	<u>752 42</u>	
<u>" 1911,</u>						<u>1212 30</u>		<u>1212 30</u>
<u>GRAND TOTAL 1912,</u>	<u>1184 69</u>	<u>760 92</u>	<u>2457 34</u>	<u>158 16</u>	<u>280 82</u>	<u>4265 63</u>	<u>9107 56</u>	
<u>" 1911</u>	<u>857 83</u>	<u>763 18</u>	<u>2963 61</u>	<u>345 70</u>	<u>121 83</u>	<u>6535 35</u>		<u>11587 50</u>

- (1) Safety Department Expense Acct. #22 closed off as Central Office Expense on basis of Operating Pay Rolls.
- (2) Hard Ore Shop Machinery closed off by Hard Ore Shop Earnings.
- (3) Negaunee New Shaft - Charged to E & A #193 New Construction Account #76I.
- (4) Central Power Plant, Gwinn District, closed off to mines for which power was furnished.

STATEMENT OF FIRE INSURANCE ON MINE BUILDINGS FOR YEAR ENDING DECEMBER 31ST, 1912.

Property Insured	Location	Term	Expiration Date	Amount of Policy	Rate	Premium Paid	Agent	Accrued during year	Unearned Balance	Losses Paid	Number of Buildings covered by same	Policy Number	Detail attached to Voucher #	Date.	
Hard Ore Dwellings,	Ishpeming	3 yrs	12-31-13	23450	00	95	222 56	Gwinn S.S.Bank	74 19	74 18		37 & Cts	10033	C-1054	2-6-11
" " Mine Bldgs & Contents	"	3 "	"	1600	00	95	15 19	"	5 06	5 06		2 "	10033	"	"
" " " " "	"	3 "	12-31-14	15850	00	2 587	409 76	"	132 90	265 80		4 "	6999580	C-12049	1-2-12
Second Addition Dwellings,	"	3 "	12-31-13	14400	00	75	117 50	Miners' Natl Bnk	36 00	36 00		20 "	1153134	E-10051	10-28-10
Lake Mine Bldgs & Contents,	"	3 "	12-31-14	18650	00	2 587	482 21	Gwinn S.S.Bank	156 39	312 78		6 "	6999580	C-12049	1-2-12
" " Office Bldg,	"	3 "	12-31-13	300	00	95	2 85	"	95	95		1 "	10033	C-1054	2-6-11
Hematite Dwellings,	"	3 "	12-31-13	2700	00	95	25 63	"	8 54	8 54		5 "	10033	"	"
Total C. I. M. Company,				76950	00	1 66	1,275 72		414 03	703 31					
Cliffs Shaft Mine Bldgs & Cts,	Ishpeming	3 yrs	12-31-14	17000	00	2 587	439 58	Gwinn S.S.Bank	142 56	285 12	71 73	5 & Cts	6999580	C-1240	1-12-12
" " Dwellings,	"	3 "	12-31-13	8050	00	95	76 41	"	25 47	25 47		11 "	10033	C-145	2-6-11
" " Sup't Dwelling,	"	3 "	12-31-13	3000	00	95	28 47	"	9 49	9 49		1 "	10033	"	"
" " Laboratory,	"	3 "	12-31-13	200	00	95	1 90	"	63	63		1 "	10033	"	"
" " Bar. Board House,	"	3 "	12-31-14	2500	00	4 00	109 32	Miners' Natl Bnk	33 33	66 66		1 "	840	C-926	9-28-11
Salisbury Mine Bldgs & Cts.	"	3 "	12-31-14	24550	00	2 587	634 76	Gwinn S.S.Bank	205 87	411 74		7 "	6999580	C-1240	1-2-12
" " " " "	"	3 "	12-31-13	550	00	95	5 22	"	1 74	1 74		1 "	10033	C-145	2-6-11
" " Dwellings,	"	3 "	12-31-13	16450	00	95	156 12	"	52 04	52 04		25 "	10033	"	"
Foster " Buildings,	"	3 "	12-31-13	1500	00	95	14 24	"	4 75	4 74		11 "	10033	"	"
Ogden " Buildings,	"	3 "	12-31-14	350	00	2 587	9 05	"	2 95	5 86		2 "	6999580	C-1240	1-2-12
Total Iron Cliffs Company,				74150	00	1 99	1,475 07		478 61	863 49	71 73				
Negaunee Mine Bldgs & Contents,	Negaunee	3 yrs	12-31-15	32591	00	2 50	837 41	Gwinn S.S.Bank	22 63	814 78		2 & Cts	7068956-7	D-1246	12-31-12
" " " " "	"	1 "	6-28-13	4750	00	67	31 68	1st Nat Bnk, Neg.	15 84	15 84			10029	D-832	8-30-12
" " Dwelling,	"	3 "	12-31-13	1000	00	90	9 50	"	3 00	3 00		1 #25	10016	C-1088	11-4-11
" " " " "	"	3 "	12-31-13	1000	00	90	8 58	"	3 00	3 00		1 #40	10016	"	"
" " " " "	"	3 "	12-31-13	1500	00	90	10 70	"	4 20	4 20		1 #19	2199	"	"
" " (Barn)	"	3 "	12-31-14	200	00	90	1 80	Adams & Son	53	1 06		1 #19	2845	"	"
" " " " "	"	3 "	1-1-14	1000	00	80	7 20	1st Nat Bnk, Neg.	3 00	3 00		1 #37	10016	"	"
" " " " "	"	3 "	1-1-14	1600	00	80	11 52	"	4 80	4 80		1 #41	10016	"	"
" " " " "	"	3 "	12-31-14	1000	00	90	10 59	"	3 30	6 59		1 #31	10019	C-1238	12-25-11
" " " " "	"	3 "	12-31-14	1000	00	90	9 25	"	3 00	6 00		1 #20	10021	C-1238	"
" " " " "	"	3 "	12-31-14	800	00	90	7 40	"	2 40	4 80		1 #23	10021	C-1238	"
" " " " "	"	3 "	12-31-14	1700	00	90	7 40	"	2 40	4 80		1 #24	10021	"	"
" " " " "	"	3 "	12-31-15	2800	00	90	31 60	"	6 39	25 21		1 #44	7647	D-614	6-4-12
Total Negaunee Mine,				50941	00		984 63		74 49	897 08					
S. Jackson Mine Bldgs & Cts,	Negaunee	3 yrs	12-31-14	19300	00	2 587	499 29	Gwinn S.S.Bank	161 93	323 86		3 & Cts	6999580	C-1216	1-2-12
" " " " "	"	3 "	12-31-14	8500	00	2 587	219 40	"	71 16	142 32		3 "	6999580	"	"
" " " " "	"	3 "	12-31-14	8000	00	2 587	206 96	"	67 12	134 24		3 "	6999580	"	"
" " " " "	"	3 "	12-31-12	1375	00	1 75	86 06	1st Nat Bnk, Neg.	24 04			3 "	10024	C-1211	12-26-11
" " " " "	"	3 "	1-1-14	2000	00	90	18 00	"	6 00	6 00		1 "	10016	C-106	2-6-11
Total Jackson Iron Company,				39175	00	2 48	969 71		330 25	606 42					
Negaunee - Bro't for'd,				50941	00		984 63		74 49	897 08					
Negaunee Mine Bldgs & Contents,	Negaunee	3 yrs	11-30-12	33841	00	2 54	860 24	Gwinn S.S.Bank,	240 46			6 & Cts	10009	A-944	10-5-09
" " " " "	"	3 "	11-30-12	2700	00	2 50	88 13	"	27 31			1 "	10009	B-1242	1-9-11
" " " " "	"	3 "	12-31-12	5600	00	1 80	100 09	1st Nat Bnk, Neg.	56 43		850 00	4 "	7630	C-939	9-28-11
" " " " "	"	1 "	11-30-12	8900	00	1 07	94 94	"	94 94			1 "	1009	D-1040	10-28-11
Total Negaunee Mine,				101982	00	2 09	2128 03		493 63	897 08	850 00				
Meas Mine Dwelling,	Negaunee	3 yrs	11-30-12	1000	00	95	10 80	Adams & Son	2 86		475 90	1 #18	1978	A-10320	11-30-09
" " " " "	"	3 "	12-31-12	2000	00	90	18 00	1st Nat Bnk, Neg.	6 00			1 #30	1108	B-1314	2-9-10
" " " " "	"	3 "	12-31-12	600	00	90	5 04	"	1 82			1 #34	190898	B-4056	4-15-10
" " " " "	"	3 "	12-31-12	1500	00	90	12 45	"	4 63			1 #10	629	B-4056	"
" " " " "	"	3 "	12-31-12	500	00	1 00	4 20	Adams & Son	1 56			1 #12	884135	E-6304	6-30-10
" " " " "	"	3 "	12-31-15	600	00	90	6 39	1st Nat Bnk, Neg.	99	5 40		1 #47	10028	D-7148	7-30-12
" " Bldgs & Contents,	"	3 "	12-31-14	10180	00	2 585	263 22	Gwinn S.S.Bank,	85 37	170 74			6999580	C-12255	1-2-12
" " Dwellings,	"	3 "	1-1-14	24300	00	90	218 70	1st Nat Bnk, Neg.	72 90	72 90		13 #	10016	C-1211	2-6-11
" " " " "	"	3 "	12-31-13	2500	00	80	17 20	Adams & Son	6 65	6 65		1 #16	2192	C-8249	8-31-11
" " " " "	"	3 "	12-31-14	500	00	80	4 52	"	1 32	2 64		1 #17	2845	C-9223	9-27-11
" " " " "	"	3 "	12-31-14	2000	00	80	17 80	"	5 34	10 68		1 #39	2228	C-9223	9-27-11
" " " " "	"	3 "	12-31-13	700	00	90	7 35	1st Nat Bnk, Neg.	2 06	2 06		1 #9	3594593	B-6303	6-30-10
" " " " "	"	3 "	12-31-13	2100	00	90	20 46	"	6 30	6 29		1 #14	218719	B-10230	10-28-10
" " " " "	"	3 "	12-31-13	1500	00	90	13 90	"	4 50	4 49		3 #2-3-4	10014	B-11216	11-30-10
" " " " "	"	3 "	12-31-13	1750	00	80	12 58	Adams & Son	4 56	4 56		1 #38	15003	C-4189	5-1-11
" " " " "	"	3 "	9-30-14	1300	00	90	11 70	T. A. Thoren	3 90	6 83		1 #26	1323	C-11246	12-1-11
" " " " "	"	3 "	1-1-14	4000	00	90	25 00	1st Nat Bnk, Neg.	12 00	12 00		1 #11	10016	C-12206	12-26-11
" " " " "	"	3 "	1-1-14	1500	00	90	9 39	"	4 50	4 51		1 #15	10016	"	"
" " " " "	"	3 "	1-1-14	400	00	90	2 50	"	1 20	1 20		1 #16	10016	"	"
" " " " "	"	3 "	1-1-14	1000	00	90	6 25	"	3 00	3 00		1 #27	10016	"	"
" " " " "	"	3 "	1-1-14	500	00	90	3 15	"	1 51	1 51		1 #41	10016	"	"
" " " " "	"	3 "	12-31-15	1800	00	90	14 40	Neg. State Bank		14 40		1 #23	276	D-12130	12-24-12
" " " " "	"	3 "	12-31-15	1500	00	90	13 90	1st Nat Bnk, Neg.	1 08	12 82		1 #45	1261079	D-10202	10-28-12
" " " " "	"	3 "	12-31-15	2000	00	90	19 92	"	1 56	18 36		1 #50	5036	"	"
" " " " "	"	3 "	12-31-15	1200	00	90	11 95	"	93	11 02		1 #51	20733	"	"
" " " " "	"	3 "	12-31-15	1000	00	90	9 25	Adams & Son,	25	9 00		1 #18	2333	D-12130	12-24-12
" " " " "	"	3 "	12-31-15	600	00	90	6 40	1st Nat Bnk, Neg.	1 00	5 40		1 #12	10027	D-7148	7-30-12
Forward,				68330	00		766 73		237 79	386 46	475 90				

Property Insured	Location	Term	Expiration Date	Amount of Policy	Rate	Premium Paid	Agent	Accrued during year	Unearned Balance	Losses Paid	Number of Buildings covered by same	Policy Number	Detail attached to Voucher #	Date
Brought forward,				68330	00	766 73		237 79	386 46	475 90				
Imperial Mine Bldgs & Contents	Michigan	3 ys	12-31-14	9450	00	2 585	Gwinn S.S.Bank	79 25	158 49		6 & Cts	6999580	C-12255	1-2-12
" Dwellings	"	3 "	12-31-13	800	00	95	"	2 53	2 53		3	10033	C-1212	2-5-11
Webster Mine Bldgs & Contents,	"	3 "	12-31-14	2200	00	2 585	"	18 45	36 90		2	6999580	C-12255	1-2-12
" Dwellings,	"	3 "	12-31-13	2700	00	95	"	8 54	8 54		4	10033	C-1212	2-6-11
Austin " Bldgs & Contents,	Princeton	3 "	12-31-14	15100	00	2 585	"	126 63	253 25	206 95	6	6999580	C-12255	1-2-12
" Dwellings,	"	3 "	12-31-13	41880	00	95	"	132 50	132 50	374 26	37	10033	C-1212	2-6-11
" Bldgs & Contents,	"	3 "	12-31-13	11250	00	95	"	35 59	35 59		3	10033	"	
" Dwellings,	"	3 "	12-31-13	570	00	95	"	1 33	1 33		4	10033	C-12258	1-3-12
Princeton " " "	"	3 "	12-31-12	9140	00	1 66	"	50 12		135 00	21	6470145	E-8223	6-30-10
" " " "	"	3 "	12-31-12	2000	00	1 45	"	9 60			1	663076	B-1249	2-8-10
" " " "	"	3 "	12-31-12	225	00	1 20	"	2 70			1	829	E-8407	9-6-10
" " Bldgs & Contents,	"	3 "	11-30-12	29550	00	3 26	"	1 09			12	10007	A-3114	8-19-09
" " " "	"	2 "	11-30-12	1200	00	1 39	"	7 48				10007	E-11211	11-30-10
" " " "	"	2 "	12-31-12	150	00	1 90	"	96				6470145	E-11211	11-30-10
" " " "	"	2 "	11-30-12	2600	00	2 40	"	19 75			1	10007	E-1249	2-9-10
" " " "	"	3 "	12-31-14	3200	00	2 585	"	26 84	53 88		2	6999580	C-12255	1-2-12
" " " "	"	3 "	12-31-15	26880	00	2 80	"	22 31	803 04			7068953	D-12190	12-31-12
" " Boarding Houses,	"	3 "	12-31-13	800	00	95	"	2 53	2 53		2	10033	C-1212	2-6-11
" " Dwellings,	"	3 "	12-31-13	3300	00	95	"	10 44	10 44		2	10033	C-7191	7-31-11
" " " "	"	3 "	12-31-14	700	00	95	"	2 22	4 44		1	10043	C-12258	1-3-12
Stephenson " Bldgs & Contents,	"	3 "	12-31-14	7450	00	2 585	"	62 48	124 96		2	6999580	C-12255	1-2-12
Gwinn " " "	"	3 "	12-31-14	14200	00	2 585	"	135 08	238 58		6	6999580	"	
" " Dwellings,	"	3 "	12-31-13	3525	00	95	"	11 15	11 15		2	10033	C-1212	2-6-11
Jopling " Buildings,	"	3 "	12-31-14	700	00	2 585	"	5 87	11 76		1	6999580	C-12255	1-2-12
North Lake " " "	North Lake	3 "	12-31-12	900	00	2 50	Miners' Natl Bnk	7 78			1	1153142	E-7172	7-29-10
" " Dwelling,	"	3 "	12-31-12	600	00	2 00	"	3 96			1	1153142	"	
" " Sup't. Dwelling,	"	3 "	12-31-12	4400	00	65	"	9 48			1	90426	A-11463	12-6-09
" " Dwellings,	"	3 "	12-31-12	12650	00	65	"	27 36			10	90423	"	
Barnes " Bldg & Contents,	"	3 "	12-31-12	1900	00	2 50	"	15 84			2	1153142	E-7172	7-29-10
" " Dwellings,	"	3 "	12-31-12	5075	00	75	"	12 67			4	1153142	E-6202	6-30-10
" " & Mine Bldgs,	"	3 "	12-31-12	5905	00	92	"	19 32			5	1153142	E-4017	4-9-10
" " Buildings,	"	2 "	12-31-12	250	00	1 64	"	2 09				1153142	C-1206	2-6-11
North Lake " & Contents	"	3 "	12-31-13	800	00	2 50	"	4 61	4 60		1	1153142	E-10233	10-28-10
" " Dwelling,	"	3 "	12-31-14	225	00	65	"	44	96		1	90497	D-2212	2-29-12
" " " "	"	3 "	12-31-13	12650	00	65	"	27 42	27 39		10	90455	E-10233	10-28-10
" " & Mine Bldgs,	"	3 "	12-31-13	5500	00	95	"	17 40	17 39		2	10033	C-1212	2-6-11
" " " "	"	3 "	12-31-14	24050	00	65	Gwinn S.S.Bank	170 60	104 22		15	90497	C-10247	10-28-11
Ashland Mine Bldgs,	Ironwood	1 "	12-31-12	36500	00	1 49	Miners' Natl Bnk	52 11			10	692653	D-1259-60	12-31-12
" " Office Bldg,	"	2 "	12-31-14	2000	00	2 00	Shea & others,	529 61				1293	C-12236	12-29-11
" " Dwelling,	"	3 "	12-31-14	5000	00	1 45	J. A. Sullivan,	26 02			1	1294	C-12236	12-29-11
" " " "	"	3 "	12-31-14	1000	00	1 45	"	72 49			1	1385533	C-12233	12-29-11
" " " "	"	3 "	12-31-14	800	00	1 69	H. M. Erickson,	13 57			1	1385533	C-12233	12-29-11
" " " "	"	3 "	12-31-14	1000	00	1 45	John J. Shea,	13 20			1	684650	C-12234	12-29-11
Grosby " Bldgs & Contents,	Nashwauk	1 "	3-1-12	18550	00	2 54	H. M. Erickson,	14 51			1	50391	C-12233	12-29-11
" " Dwelling,	"	3 "	11-30-12	2500	00	1 50	John J. Shea,	13 20			1	50391	C-12233	12-29-11
" " Bldgs & Contents,	"	1 "	3-1-13	18880	00	2 368	Nashwauk Bank,	72 20			7	4220182	C-4052	4-10-11
" " Dwellings,	"	3 "	3-1-13	3275	00	2 10	"	12 03			1	10	20370	10-20-09
" " " "	"	3 "	11-30-15	2500	00	2 00	"	21 17	73 58		7	4220195	D-3273	3-30-12
Lucy " Buildings & Contents	Negaunee	3 "	12-31-14	4475	00	2 585	"	367 94	48 62		5	4220195	D-3273	3-30-12
" " Dwellings,	"	3 "	1-1-14	2000	00	90	"	21 17	3 52		1	3284242	E-3300	4-6-10
Gwinn Plate Glass,	Gwinn	1 "	9-19-12				Gwinn S.S.Bank,	37 53	75 06		5	66	D-12194	12-31-12
" " Club House,	"	3 "	12-31-12	31500	00	1 38	1st Nat Bnk, Neg	6 00	6 00		2	6999580	C-12255	1-2-12
" " Townsite Dwellings,	"	3 "	12-31-13	27600	00	95	Gwinn S.S.Bank,	32 25				10018	C-1211	2-6-11
" " " "	"	3 "	12-31-14	30000	00	95	"	160 31			24	37734	C-12246	10-28-11
" " " "	"	3 "	8-7-14	2100	00	95	"	87 32	87 32		24	1562350	E-418	4-27-10
" " Hotel & Bank,	"	3 "	12-31-14	18000	00	2 64	"	94 92	189 84		2	848	C-7191	2-6-11
" " Hospital,	"	3 "	12-31-14	14200	00	1 593	"	6 63	10 63		2	6999567	C-9234	9-27-11
" " Hotel - Contents of,	"	3 "	12-31-14	2625	00	3 54	"	159 20	318 40		3	22579	C-9234	9-27-11
" " Dwelling (Capt. Francis Mine	"	3 "	12-31-14	1765	00	95	"	75 38	150 76		3	6999576	C-10248	10-28-11
Francis Mine Bldgs & Contents,	"	3 "	12-31-14	7800	00	2 585	"	30 99	61 98		1	22501	C-12258	1-3-12
Gwinn Sup't Residence,	"	3 "	12-31-13	8000	00	95	"	6 17	11 17		1	856	C-12258	1-3-12
" " Plate Glass,	"	1 "	9-19-13				"	65 41	130 82		1	6999580	C-12255	1-2-12
Gardner & Mackinaw Mines, Timber,	"	1 "	5-6-13	5000	00	2 25	"	25 35	25 36		2		C-3128	3-20-11
" " " Edg. House	"	1 "	12-31-13	2130	00	95	"	8 76	26 24			7253	D-10204	10-28-12
Cliffs Cottage & Contents,	Ishpeming	3 "	12-31-13	7500	00	95	"	75 04	37 46		1	6999580	D-6014	6-4-12
Central & Engineering Bldgs Cts	"	3 "	12-31-13	17000	00	95	"	9 42	9 42		1	10033	D-8122	8-26-12
" " Office Bldg & Contents,	"	3 "	12-31-13	3700	00	95	"	50 57	50 57		1	10033	C-1212	2-6-11
Au Train Water Power Dwelling,	Au Train	3 "	12-31-15	1530	00	1 45	"	53 78	53 78		2	10033	C-1212	2-6-11
Carp River " "	Marquette	3 "	12-31-15	3225	00	70	1st Nat Bnk, Neg	11 76	11 76		1	10033	C-4286	5-3-11
Total C. G. I. Company,				605760	00	1 67	Miners' Natl Bnk	3604 74	3842 49	1192 11		90534	D-12131	12-24-12

#Nos. 1-6-7-8-13-5-29-28-32-33-35-22-11.

HLR-WR
(2)
3-4-13

Cost sheets

Insurance

Hard on cost sheet	66.25
" " location	51.78
	<hr/>
	118.03

Ins

Annual statements

Fire Insur. Sta.	137.96
Boiler " "	48.39
	<hr/>
	186.35
	118.03
	<hr/>
	68.32

Difference

ashland

ashland Rented Bldg's
cost sheet

38.34
34.40

Difference

3.94

Annual Ins. Sta. 34.40

} Difference due to charging
to much in the cost sheet of

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.

ANNUAL STATEMENT OF FIRE INSURANCE ON MINE BUILDINGS AND CONTENTS FOR YEAR 1912.

Amount of premiums accrued during year as follows:-

The Cleveland-Cliffs Iron Company,	3,604.74
Cleveland Iron Mining Company,	414.03
Iron Cliffs Company,	478.81
Negaunee Mine,	493.63
Jackson Iron Company,	330.25
Total,	5,321.46

Premium charged as follows:--

Hard Ore Mine,	137 96
" " " Dwellings,	74 19
2nd. Addition "	36 00
Hematite "	8 54
Lake Mine,	157 34
Cliffs Shaft Mine,	143 19
Salisbury " "	207 61
" " "	52 04
Foster " "	4 75
Cliffs Shaft " "	58 80
" " Supt's. "	9 49
Ogden Mine,	2 93
Negaunee Mine,	457 61
" " "	36 02
North Jackson Mine,	82 96
South " "	167 17
Jackson Location,	80 12
Imperial Mine,	79 25
" " "	2 53
Webster " "	18 45
" " "	8 54
Lucy " "	37 53
" " "	6 00
Austin " "	120 30
" " "	133 83
Princeton " "	330 61
" " "	76 00
Stephenson " "	62 48
Gwinn " "	135 08
" " "	11 15
" Townsite " "	182 24
" " Buildings,	231 20
" Club House,	160 31
Dr. D.R. Mac Intyre,	75 38
Central Power Plant,	41 92
Travel and Entertainment,	50 57
Engineering,	34 80
Central Office,	30 74
Au Train Water Power Dwellings,	7 40
Maas Mine,	85 37
" " "	152 42
Ashland Mine,	538 31
" " "	34 40
Hayes Mining Company,	97 64
Crosby Mine,	440 14
" " "	21 17
" " Superintendent's "	13 41
Lloyd " "	27 42
" " "	113 66
" " " "	9 48
Chase " "	25 96
" " "	23 96
Gwinn-Superintendent's Residence,	25 35
Francis Mine,	65 41
Jopling " "	5 87
Victor Carlson,	1 52
Total,	3,517 80

THE CLEVELAND-CLIFFS IRON COMPANY.
MINING DEPARTMENT.

Sheet 4.

ANNUAL STATEMENT OF FIRE INSURANCE ON MINE BUILDINGS AND CONTENTS FOR YEAR 1912.

Amount brought forward,	5,234 82	5,234 82
Francis Mine-Captain's Dwelling,	9,517 80	4 65
Gardner Mine,	37 52	37 52
Mackinaw "	37 52	62
Carp River Water Power Dwellings,	6 63	6 63
Gwinn Dwellings--Special,		
Total,	3,604 74	3,604 74
<u>NOTES:</u>		
<u>Central Power Plant.</u>		
Amount as per statement above,	41 92	
Amount charged in 1912 a/c 1911 adjustment,	3 50	
Amount as per Cost Sheet,	45 42	
Total amount "Unearned Balance" as per statement,	3,842 49	
Less amount charged twice in month December, to		
Ashland Mine, .73		
" " Dwellings, 3.21 3.94		
and also to Hayes Mining Company,	3 94	
Amount as per Ledger,	3,838 55	

THE CLEVELAND CLIFFS IRON COMPANY

STATEMENT OF BOILER INSURANCE FOR YEAR ENDING DECEMBER 31ST, 1912.

Property Insured	Location	Term	Expiration	Amount of Policy		Rate	Premium Paid	Agent	Accrued during year.	Unearned Balance	Losses Paid	Number Boilers Insured	Policy Number	Detail attached to	
														Voucher #	Date
Ashland Mine,	Ironwood	3 ys	1- 1-13	2600	00	26 00	260 00	Gwinn S.S.Bank	86 66			10	69878	B-1263	2-8-10
Stephenson Mine,	Princeton	3 "	1- 1-13	7800	00	26 00	78 00	"	26 00			3	69878	"	"
Gwinn	"	3 "	1- 1-13	7800	00	26 00	78 00	"	26 00			3	"	"	"
Princeton	"	3 "	1- 1-13	10400	00	26 00	104 00	"	34 66			4	"	"	"
Central Pumping Plant	"	3 "	1- 1-13	5200	00	26 00	52 00	"	17 32			2	"	"	"
" Power "	"	3 "	1- 1-13	7800	00	26 00	78 00	"	26 00			3	"	"	"
Steam Shovels #8 & #10	"	3 "	1- 1-13	5200	00	26 00	52 00	"	17 32			2	"	"	"
Maas Mine,	Negaunee	3 "	1- 1-13	10400	00	26 00	104 00	"	34 66			4	"	"	"
Lucy	"	3 "	1- 1-13	5200	00	26 00	52 00	"	17 32			2	"	"	"
Imperial Mine,	Michigamme	3 "	1- 1-13	7800	00	26 00	78 80	"	26 80			3	"	"	"
Crosby	Nashwauk	3 "	1- 1-13	10400	00	26 00	104 00	"	34 66			4	"	"	"
North Lake	North Lake	3 "	1- 1-13	2600	00	26 00	26 00	"	8 66			1	"	"	"
Diamond Drill Boilers,	Ishpeming	3 "	1- 1-13	33800	00	26 00	338 00	"		225 33		13	"	"	"
Steam Shovel No. 11,	Negaunee	3 "	1- 1-13	2600	00	26 00	22 79	"	8 64			1	"	B-6223	6-30-10
Imperial Mine,	Michigamme	3 "	12-31-13	2600	00	26 00	26 00	"	8 67	8 66		1	72198	C-1212	2-6-12
Crosby Mine,	Nashwauk	3 "	1- 1-13	2600	00	26 00	22 20	"	8 64			1	69878	B-6223	6-30-10
North Lake,	North Lake	3 "	1- 1-13	2600	00	26 00	19 86	"	8 87			1	"	B-10223	10-25-10
Carp River Wtr Power,	Marquette	End.	12-31-12	2600	00	26 00	1 44	"	1 44			1	"	D-12120	12-21-12
Central Power Plant,	Princeton	2 Ys	12-31-12	2600	00	26 00	17 50	"	8 66			1	"	C-1212	2-6-12
Gwinn Club House,	"	3 "	12-31-13	2600	00	26 00	26 00	"	8 67	8 66		1	72198	"	"
" H. & Bank Bldg,	"	3 "	12-31-13	5200	00	26 00	52 00	"	17 33	17 33		2	"	"	"
" Hospital,	"	3 "	12-31-13	2600	00	26 00	26 00	"	8 67	8 66		1	"	"	"
Total C. C. I. Co.,				143000	00		1618 59		435 65	268 64					
Hard Ore Mine,	Ishpeming	3 Ys	1- 1-13	13000	00	26 00	130 00	Gwinn S.S.Bank	43 33			5	69878	B-1049	2-8-10
Lake	"	3 "	1- 1-13	13000	00	26 00	130 00	"	43 33			5	69878	"	"
Steam Shovel No. 4,	"	3 "	1- 1-13	2600	00	26 00	26 00	"	9 39			1	"	"	"
Total C. I. M. Co.,				28600	00		286 00		96 05						
Cliffs Shaft Mine,	Ishpeming	3 Ys	1- 1-13	13000	00	26 00	130 00	Gwinn S.S.Bank	43 33			5	69878	B-132	2-8-10
Salisbury,	"	3 "	1- 1-13	10400	00	26 00	104 00	"	34 66			4	"	"	"
Steam Shovel No. 3,	"	3 "	1- 1-13	2600	00	26 00	26 00	"	8 67			1	"	"	"
Total I. C. Co.,				26000	00		260 00		86 66						
South Jackson Mine,	Negaunee	3 Ys	1- 1-13	5200	00	26 00	52 00	Gwinn S.S.Bank	17 33			2	69878	B-103	2-8-10
North	"	3 "	1- 1-13	5200	00	26 00	52 00	"	17 33			2	"	"	"
Total J. I. Co.,				10400	00		104 00		34 66						
Negaunee Mine,	Negaunee	3 Ys	1- 1-13	15600	00	26 00	156 00	Gwinn S.S.Bank	52 00			6	69878	B-128	2-8-10
Steam Shovel No. 10,	"	3 "	1- 1-13	2600	00	26 00	22 79	"	8 64			1	"	B-622	6-30-10
Total Negaunee Mine,				18200	00		178 79		60 64						

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THE CLEVELAND CLIFFS IRON COMPANY

STATEMENT OF BOILER INSURANCE FOR YEAR ENDING DEC. 31ST, 1912.

<u>Premium accrued during year as follows:</u>			
The Cleveland-Cliffs Iron Company,	\$435.65		
Cleveland Iron Mining Company,	96.05		
Iron Cliffs Company,	86.66		
Negaunee Mine,	60.64		
Jackson Iron Company,	34.66	713.66	
<u>Premium charged as follows:</u>			
Hard Ore Mine,	48.39		
Lake "	47.66		
Cliffs Shaft Mine,	47.66		
Salisbury "	39.00		
Negaunee "	60.64		
North Jackson "	17.33		
South " "	17.33		
Imperial "	35.47		
Lucy "	18.76		
Princeton "	43.32		
Central Power Plant,	37.54		
Stephenson Mine,	34.66		
Gwinn "	26.00		
Lloyd "	18.99		
Maas "	43.30		
Ashland "	86.66		
Crosby "	43.30		
Gwinn Buildings,	17.33		
" Club House,	8.67		
Dr. MacIntyre,	8.67		
Central Pumping Plant,	34.66		
Carp River Water Power,	1.44	736.78	
<u>Less amounts included in charges for 1912 account 1911 adjustment as follows:</u>			
Lucy Mine,	1.44		
Lloyd "	1.46		
Central Power Plant,	2.88		
" Pumping Plant,	17.34	23.12	
		\$713.66	

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THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT
RECORD OF UNINSURED PROPERTY, DECEMBER 31ST, 1912.

ITEM	VALUE	REMARKS.
<u>HARD ORE MINE.</u>		
1	Stone engine & Boiler House No. 3, \$20000 00	Solid stone, steel truss and roof.
2	Contents of same, 5000 00	
3	Stone shop building, used for machine and Carpenter Shop, 15000 00	Solid stone, wood truss & Steel covering.
4	Contents of same, 15000 00	
5	Brick Blacksmith Shop, 2418 00	Wood truss, composition roof.
6	No. 5 Shaft House,	
7	No. 5 Engine and Boiler House, (Abandoned and of no practical value)	Wood, iron clad.
<u>LAKE MINE.</u>		
1	Stone and brick engine & boiler house, 19920 00	Steel truss, composition roof.
2	Contents of same, consisting of hoisting engine, compressor, electric engine, etc., boilers and fittings, 66538 00	
3	Brick Changing House, 9768 00	Wood truss, composition roof.
4	Frame cooling tower, 2361 00	Water running over this constantly.
5	Brick smoke stack, 6097 00	
6	Steel Shaft House, 9910 00	
<u>CLIFFS SHAFT MINE.</u>		
1	Stone Engine House, 15000 00	Solid stone with steel truss and steel covering.
2	Contents of same, 50000 00	
3	Stone Boiler House, 10000 00	Solid stone with steel truss and steel covering.
4	Contents of same, consisting of boilers, feed water heater, etc., 6000 00	(covering.
5	Stone Machine & Blacksmith Shop Bldg, 10000 00	Solid stone with steel truss and steel
6	Contents of same, 4000 00	
7	Brick changing house, 7367 00	Composition roof, wood truss.
8	Laboratory and Office Building, 5000 00	Solid stone, shingle roof.
9	Steel Crusher Building, 10285 00	
10	Contents of same, 10000 00	
<u>AUSTIN MINE.</u>		
1	Central Power Plant Building, 10000 00	Brick, steel truss & Composition roof.
2	Contents of same, 50500 00	
3	Shop Building, 5700 00	Brick, wood truss & Composition roof.
4	Contents of same, 6000 00	
5	Central Pumping Plant Building, 3500 00	Brick, steel truss & Composition roof.
6	Contents of same, 6000 00	
7	Frame cooling tower, 900 00	Water running over this constantly.
8	Brick sub-station building, 2400 00	Concrete roof.
9	Contents of sub-station, 5000 00	
10	Brick Crusher Building, 740 00	
<u>PRINCETON MINE.</u>		
1	Brick changing house, 7500 00	Wood truss, composition roof.
<u>STEPHENSON MINE.</u>		
1	Power House, 5600 00	Brick, wood truss, composition roof.
2	Contents of same, 24375 00	
3	Steel Shaft House, 11000 00	
4	Brick changing house, 10000 00	Wood truss, composition roof.
<u>MAAS MINE.</u>		
1	Power House, 14000 00	Brick, steel truss, composition roof.
2	Contents of same, 83650 00	
3	Brick changing house, 10000 00	
4	Steel Shaft House, 13000 00	
5	Brick Sub-Station Building, 2800 00	Concrete roof.
6	Contents of same, 5000 00	
Total forward,		\$577329 00

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT.
RECORD OF UNINSURED PROPERTY, DECEMBER 31ST, 1912, (CONTINUED).

ITEM	VALUE	REMARKS
Brought forward, \$577329 00		
<u>NORTH LAKE MINE (No. 1 Shaft)</u>		
1		Power House) Brick steel truss, composition roof.
2	14000 00	Shop Building) Brick, wood " " "
3	10000 00	Contents of Power House,
4	3500 00	Contents of Shop Building,
5	8000 00	Steel Shaft House,
6	3100 00	Sub-Station Building, Concrete roof.
7	5000 00	Contents of same,
8	8000 00	Brick changing house, Wood truss, composition roof.
9	3000 00	Laboratory Building, Brick, wood truss, composition roof.
10	676 00	Crusher and Sampling Building, " " " " "
No. 2 Shaft.		
11	7000 00	Power House, Brick, Steel truss, " "
12	8000 00	Steel Shaft House,
<u>GWINN MINE.</u>		
1	4360 00	Brick Power House, Steel truss, composition roof.
2	5000 00	Contents of same,
3	8000 00	Steel Shaft House,
4	9315 00	Brick Changing House, Wood truss, composition roof.
<u>FRANCIS MINE.</u>		
1	8000 00	Steel Shaft House,
<u>MEGAUNNE MINE.</u>		
1	8000 00	Steel Head Frame,
2	5647 00	Office & Warehouse Building, Brick, wood truss, composition roof.
3	9300 00	Brick Changing House, " " " " "
4	2924 00	Laboratory Building, " " " " "
5	668 00	Crusher & Sampling Building, " " " " "
6	8500 00	Power House, " steel " " "
7	35000 00	Contents of same,
8	5266 00	Brick Shop Building, Wood truss, composition roof.
9	1000 00	Contents of same,
10	2800 00	Brick supply Warehouse, Wood truss, composition roof.
11	4500 00	Contents of same, " "
<u>LAKE MINE.</u>		
1	1160 00	Brick pump house, Wood truss, composition roof.
2	10000 00	Contents of same,
<u>AU TRAIN WATER POWER.</u>		
1	8000 00	Brick Power House, Steel truss, composition roof.
2	19000 00	Contents of same,
<u>CARP RIVER WATER POWER.</u>		
1	29000 00	Brick Power House, Steel truss, composition roof.
2	50000 00	Contents of same,
<u>BARNES MINE</u>		
1	1160 00	Brick Power House, Wood truss, composition roof.
2	10000 00	Contents of same,
GRAND TOTAL,		\$894205 00

THE CLEVELAND-CLIFFS IRON COMPANY
MINING DEPARTMENT

STATEMENT OF ANALYSIS AND SAMPLING FOR EACH MINE AND COST OF OPERATING LABORATORIES
FOR YEAR ENDING DECEMBER 31ST, '12.

	NUMBER OF DETS.	A M O U N T			COST FOR DETERMINATION			COST PER TON FOR ANALYSIS		
		LABORATORY	SAMPLING	TOTAL	LABORATORY	SAMPLING	TOTAL	1911	1912	1911
North Jackson Explorations	339	46 85		46 85	.138		.138			
Hard Ore Mine	641	94 89		108 77	.148		.170	.150	.006	.004
Lake Mine	30920	3922 90	2234 73	6157 63	.127	.072	.199	.252	.018	.011
Cliffs Shaft Mine	5741	717 27	910 71	1627 98	.125	.159	.284	.543	.006	.009
Salisbury "	18165	2343 39	517 37	2860 76	.129	.028	.157	.173	.025	.026
Imperial "	447	52 49	209 74	262 23	.117	.469	.586	.250		.015 No prod. '12
Lucy "	904	86 67	220 25	306 92	.096	.244	.340	.164		.021 "
Negaunee "	36632	3749 03	2575 30	6324 33	.103	.070	.173	.135	.023	.021
Maas "	6237	623 23	376 16	999 39	.100	.060	.160	.319	.017	
South Jackson "	997	100 72	376 76	477 48	.102	.382	.484	.356	.009	.006
Austin "	22043	3956 62	2909 28	6865 90	.179	.132	.311	.269	.059	.048
Princeton "	3093	565 09	473 31	1038 40	.183	.153	.336	.315	.046	.023
Stephenson "	36325	6561 02	3355 60	9916 62	.181	.082	.273	.244	.047	.043
Ashland "	16978	1896 78	831 44	2728 22	.112	.049	.161	.162	.018	.017
Crosby "	6397	1870 29	463 53	2333 82	.293	.072	.365	.236	.020	.012
Lloyd Mine	17106	2820 37	163 37	2983 74	.165	.010	.175	.190	.021	.017
Opening Morris Lloyd Mine	567	45 33		45 33	.080		.080	.147		
Opening Chase Mine	612	53 04	14 80	67 84	.086	.024	.110	.244		
Opening Athens Mine	559	65 91		65 91	.118		.118			
Iron River Expl. "Bates"	12	2 23		2 23	.186		.186	.155		
Athens Exploratory	1580	186 87		186 87	.118		.118			
Cliffs Shaft Exploratory	574	67 54		67 54	.118		.118	.150		
Iron Belt Option, Treas. Acct.	20	2 47		2 47	.124		.124			
Lake Superior Ores "	24	2 67		2 67	.111		.111			
Geological Department	354	45 68		45 68	.129		.129	.158		
Coal Analysis (a)	340	41 45	194 65	236 10	.122	.572	.694	.593		
Outside Parties	360	47 59		47 59	.132		.132	.146		
Total 1912	207957	29968 39	15840 88	45809 27	.144	.076	.220	.208		
" 1911	214543	29133 60	15276 91	44410 51	.136	.071	.207			

COST OF OPERATING COMPANY LABORATORIES.

DETAIL OF COAL ANALYSIS.

	NUMBER OF DETS.	A M O U N T			COST PER DET.	COST FOR 1911
		LABOR	SUPPLIES	TOTAL		
Cliffs Shaft Laboratory	60388	6397 04	1287 20	7684 24	.127	.149
Gwinn District "	61425	7616 12	3461 49	11077 61	.180	.163
Negaunee "	44390	3383 20	1130 71	4513 91	.102	.082
North Lake "	18110	1902 08	987 19	2889 27	.160	
Ashland "	17255	1499 90	434 11	1934 01	.112	.138
Crosby "	6389		1869 35	1869 35	.293	.205
Total all Lab. 1912	207957	20798 34	9170 05	29968 39	.144	.135
" 1911	214543	21397 76	7735 84	29133 60	.135	

(a) Analysis 340 Dets.	41.45
Labor Sampling	126.86
Traveling Expenses of Samplers	67.79
Total,	236.10

Coal Analysis closed off to Mines receiving coal on basis of tons received per year.

LABORATORY WORK DONE FOR OUTSIDE PARTIES.

	NO. DETS.	AMT. ACTUAL		EARNINGS
		DATE	COST	
Cliffs Shaft Laboratory	80	.27 21.80	10.28	11.52
Ashland "	280	.40 112.00	37.31	74.69
Total.	360	.37 133.80	47.59	86.21