

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

HOTEL WILLIAMS & COTTAGES

COMPARATIVE STATEMENT OF COSTS

	1930	1929	1928	1927	1926	1925	1924	1923	1922
Days Operated	81	92	92	92	92	92	147	147	153
Days Idle	284	273	274	273	273	273	219	212	212
OPERATING									
Management and Service	1,854.02	1,979.03	1,920.92	1,926.87	2,388.64	2,181.15	3,111.23	2,808.25	2,421.18
Provisions	4,170.69	5,082.92	5,377.07	5,595.19	5,066.23	5,997.02	7,532.44	7,257.80	5,500.98
Water		.61	9.60	5.45	3.85	52.95	9.07	1.13	3.96
Electric Current	449.32	459.38	413.97	299.17	158.79	332.90	216.60	287.49	235.65
Fuel	310.86	385.05	291.56	301.12	272.00	290.00	508.42	569.00	355.90
Cigars and Tobacco	98.89	64.89	104.45	149.70	131.72	225.31	198.56	183.04	198.82
Laundry	410.73	440.29	564.07	536.23	366.39	429.00	467.99	704.41	477.21
Tools and Miscellaneous Supplies	394.75	454.77	599.33	705.54	158.65	404.07	707.38	812.14	429.33
Post Cards, Photos, etc.		11.24	1.20	20.29	38.28	56.01	163.17	46.18	102.16
Confectionery	124.68	154.59	159.10	135.37	118.10	142.39	149.11	221.99	152.76
Total	7,813.94	9,032.77	9,441.27	9,674.93	8,702.65	10,110.80	13,064.17	12,891.43	9,877.95
MAINTENANCE									
Buildings	569.79	1,156.41	755.01	1,193.78	466.65	1,545.57	1,535.98	869.88	971.20
Machinery and Equipment	21.47	62.32	97.68	44.28	50.34	751.52	1,528.74	365.45	429.98
Yards, Grounds and Gardens	293.66	49.62	62.28	127.74	93.04	83.98	174.74	12.23	151.19
Sewer and Water System	38.92	20.34	35.91	13.65	6.86	5.99	-	52.00	-
Docks	98.39	5.62	-	-	29.09	18.84	5.90	276.10	42.02
Safety Devices	-	-	-	-	-	-	-	-	-
Electric Transmission Line	-	-	2.45	466.65	233.11	748.73	1,185.38	-	398.71
Total	1,022.23	1,294.31	953.33	1,846.10	879.09	3,154.63	4,430.74	1,575.66	1,993.10
SUNDRY EXPENSES									
Equipment	-	-	-	13.10	31.44	40.95	-	-	-
Supply Inventory	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	2.25	-	-	-	-
Fire Loss	-	-	-	-	-	-	-	-	-
Idle Expense	-	-	-	-	-	-	-	-	-
Total	-	-	-	13.10	33.69	40.95	-	-	-
Total Operating Cost	8,836.17	10,327.08	10,394.60	11,534.13	9,615.43	13,306.38	17,494.91	14,467.09	11,871.05
FIXED CHARGES AND GENERAL EXPENSE									
Depreciation - Plant	349.80	349.92	349.92	349.89	349.89	349.89	349.89	349.89	349.89
Do. - Equipment	-	-	2.55	18.34	-	-	-	-	-
" - Construction	-	-	-	-	-	-	-	-	-
Total	349.80	349.92	352.47	368.23	349.89	349.89	349.89	349.89	349.89
Insurance	450.41	990.17	990.24	997.95	997.92	979.99	671.64	663.06	663.10
Personal Injury	-	-	1.45	206.80	-	-	53.34	-	-
Advertising	-	-	-	-	-	-	-	-	-
Taxes	454.98	480.15	503.58	520.64	598.02	1,093.96	1,477.84	1,001.65	751.44
Local Office	38.47	219.50	32.23	86.21	111.81	129.12	232.21	253.83	182.88
Central Office	600.00	600.00	600.00	600.00	600.00	600.00	600.00	300.00	300.00
Total	1,543.86	2,289.82	2,127.50	2,411.60	2,307.75	2,803.07	3,035.03	2,218.54	1,897.42
Grand Total	10,729.83	12,966.82	12,874.57	14,313.96	12,273.07	16,459.34	20,879.83	17,035.52	14,118.36
Plant Account Not Charged Off	-	-	1,537.04	1,886.96	2,236.85	2,586.74	2,936.63	3,286.52	3,636.41
Equipment Account Not Charged Off	-	-	-	2.55	33.99	65.43	221.54	16.38	16.38
Average Number Employees - When Hotel is open	15	14	13	13	13	13	11	10	9

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

HOTEL WILLIAMS COSTS

	1930	1929	1928	1927	1926	1925	1924	1923	1922
Total Operating Cost as per Cost Sheet	10,729.83	12,966.82	12,874.57	14,313.96	12,273.07	16,459.34	20,879.83	17,035.52	14,118.36
Less Items:									
Cigars and Tobacco	98.89	64.89	104.45	149.70	131.72	225.31	198.56	183.04	198.82
Post Cards and Souvenirs	-	11.24	1.20	20.29	38.28	56.01	163.17	46.18	102.16
Confectionery	124.68	154.59	159.10	135.37	118.10	142.39	149.11	221.99	152.76
Electric Current Sold	644.90	619.00	637.80	373.60	387.70	658.40	545.40	423.70	415.60
Cost of Personal Laundry for Guests	31.86	19.87	109.05	41.61	50.15	113.12	176.44	161.99	117.55
Board of Grand Island Employees	1,411.80	1,108.20	1,457.40	1,363.45	1,242.15	1,362.86	2,249.10	2,338.70	996.10
Total Deductions	2,312.13	1,977.79	2,469.00	2,084.02	1,968.10	2,558.09	3,481.78	3,375.60	1,982.99
Net Expense Charged Guests	8,417.70	10,989.03	10,405.57	12,229.94	10,304.97	13,901.25	17,398.05	13,659.92	12,135.37
Meals Served Guests	5,509	7,425	8,277	7,965	7,159	11,655	10,725	12,999	7,548
Cost Per Meal	1.527	1.480	1.257	1.535	1.439	1.192	1.622	1.051	1.608
Cost per Guest Day	4.581	4.440	3.771	4.605	4.317	3.576	4.866	3.153	4.824
Revenue from Guests	7,189.10	9,957.59	10,657.61	10,463.66	8,974.50	13,474.13	13,154.91	14,180.22	9,756.50
Revenue per Meal	1.305	1.341	1.288	1.314	1.253	1.156	1.227	1.091	1.293
Revenue per Guest Day	3.915	4.023	3.664	3.942	3.759	3.468	3.681	3.273	3.679
Profit or Loss per Guest Day	.666	.417	.093	.663	.558	.108	1.185	.120	.945
Number of Meals Served Guests	5,509	7,425	8,277	7,965	7,159	11,655	10,725	12,999	7,548
Number of Meals Served Grand Island Employees	2,335	1,877	2,429	2,214	1,911	2,219	6,426	6,682	2,846
Total	7,844	9,302	10,706	10,179	9,070	13,874	17,151	19,681	10,394
Number of Meals Served Hotel Help	3,546	3,732	3,692	3,326	3,583	3,219	4,878	4,802	4,431
Grand Total Meals Served	11,390	13,034	14,398	13,505	12,653	17,093	22,029	24,483	14,825
Total Cost of Meals (Provisions Only)	4,170.69	5,082.92	5,377.07	5,464.36	5,066.23	5,997.02	7,532.44	7,257.80	5,500.98
# Cost per Meal of Provisions	.532	.546	.502	.537	.559	.432	.439	.369	.529

This rate does not include meals served Hotel help.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

HOTEL WILLIAMS

EARNINGS	1930	1929	1928	1927	1926	1925	1924	1923	1922
a. Transients & Boarders	7,189.10	9,957.59	10,657.61	10,463.66	8,974.50	13,474.13	13,154.91	14,180.22	9,756.50
aa. " " "	1,650.93	1,213.20	1,542.65	1,850.22	1,448.20	1,404.15	2,335.40	2,377.87	1,090.10
a. Cigars & Tobacco	117.15	86.59	117.62	159.30	166.47	221.27	266.23	222.45	241.49
aa. " " "	-	2.80	4.65	27.33	-	-	-	-	-
a. Souvenirs	31.04	31.54	53.36	68.36	53.24	82.40	80.49	95.46	63.76
aa. " " "	-	-	-	-	-	-	-	-	-
a. Rental of Rowboats	21.57	38.87	29.25	118.30	25.05	68.33	97.61	83.53	49.73
aa. " " "	-	-	-	-	-	-	-	-	-
a. Water	14.15	10.46	14.04	10.89	22.13	4.93	4.10	6.31	-
aa. " " "	-	-	-	-	-	-	-	-	-
a. Electric Current	76.40	56.90	129.80	138.90	90.10	59.60	56.50	55.90	31.70
aa. " " "	568.50	560.10	508.00	234.70	297.60	598.80	468.90	367.80	383.90
a. Confectionery	144.27	194.38	212.86	190.95	165.85	187.44	203.98	244.83	184.09
aa. " " "	-	-	-	-	-	-	-	-	-
a. Laundry	37.48	23.37	128.30	48.95	63.60	133.08	207.58	190.58	138.29
aa. " " "	-	-	-	-	-	-	-	-	-
a. Miscellaneous Earnings	-	-	-	130.83	5.50	77.50	16.65	24.40	28.25
aa. " " "	-	-	-	-	-	-	-	-	-
Total Earnings	9,850.59	12,177.80	13,398.14	13,442.39	11,302.24	16,311.63	16,912.35	17,853.35	11,967.83
Total Outside Parties	7,631.16	10,401.70	11,361.84	11,330.14	9,556.44	14,322.00	14,088.05	15,107.68	10,493.83
Total Other Operations	2,219.43	1,776.10	2,036.30	2,112.25	1,745.80	1,989.63	2,824.30	2,745.67	1,474.00
Total Cost to Operate	10,729.83	12,966.82	12,874.57	14,313.96	12,273.07	16,459.34	20,879.83	17,035.52	14,118.36
Net Profit or Loss	879.24	789.02	523.57	871.57	970.83	147.71	3,967.48	817.83	2,150.53
Electric Current Used	8,300 KW	8,060 KW	8,110 KW	5,890 KW	5,730 KW	9,860 KW	9,370 KW	6,400 KW	6,350 KW
Rate per KW	.054	.056	.051	.051	.028	.034	.023	.044	.037
Number of Guests Registered	886	951	959	1,431	1,094	821	987	910	789
Meals Served Guests	5,509	7,425	8,277	7,965	7,159	11,655	10,725	12,999	7,548
" " Grand Island Employees	2,335	1,877	2,429	2,214	1,911	2,219	6,426	6,682	(1) 2,846
" " Hotel Employees	3,546	3,732	3,692	3,326	3,583	3,219	4,878	4,802	4,431
Total Meals Served	11,390	13,034	14,398	13,505	12,653	17,093	22,029	24,483	14,825
(2) Cost per Meal - Provisions	.366	.390	.373	.414	.40	.351	.342	.296	.371
(2) Cost per Meal - Provisions & Service	.529	.542	.507	.557	.59	.478	.483	.411	.534

(1) During June and July 1922 the Grand Island men ate their meals at the Administration Building.
 (2) This rate is on total meals served which includes Hotel help.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT SHOWING NUMBER OF GUESTS REGISTERED AT HOTEL WILLIAMS
BY STATES AND CITIES DURING THE SEASON OF 1930

<u>CALIFORNIA</u>		1	<u>MICHIGAN - (Continued)</u>		
Los Angeles	1		Houghton	6	
<u>CANADA</u>		4	Ishpeming	34	
Winnipeg	4		Iron Mountain	10	
<u>DISTRICT OF COLUMBIA</u>		1	Iron River	9	
Washington	1		Ironwood	1	
<u>ILLINOIS</u>		146	Jackson	2	
Bloomington	10		Kalamazoo	4	
Belvidere	3		Lansing	1	
Cairo	2		Lake Linden	2	
Chicago	73		Laurium	3	
Evanston	10		Lennon	4	
Glencoe	2		Manistique	20	
Glenellyn	10		Marquette	173	
Kewanee	4		Menominee	3	
Oak Park	6		Mount Pleasant	2	
River Forest	3		Munising	56	
Rockford	16		Negaunee	44	
Waukegan	2		Newberry	7	
Wilmette	4		Norway	2	
Woodstock	1		Petoskey	1	
<u>INDIANA</u>		8	Pontiac	2	
Indianapolis	4		Saginaw	4	
South Bend	1		Stambaugh	1	
Terre Haute	2		Sault Ste. Marie	11	
West LaFayette	1		Stephenson	1	
<u>INDIA</u>		2	Wells	2	
Calcutta	2		<u>MINNESOTA</u>		11
<u>MICHIGAN</u>		575	Duluth	3	
Adrian	6		Minneapolis	8	
Albany	1		<u>MISSOURI</u>		4
Ann Arbor	1		Webster Gernes	4	
Battle Creek	1		<u>NEBRASKA</u>		2
Bessemer	2		Omaha	2	
Big Rapids	6		<u>NEW YORK</u>		8
Bloomfield Hills	2		Buffalo	3	
Calumet	3		Mount Vernon	1	
Crystal Falls	1		New Rochelle	2	
Dearborn	4		New York	1	
Detroit	55		Syracuse	1	
Escanaba	45		<u>NORTH CAROLINA</u>		2
Fenton	3		Wilmington	2	
Gladstone	33		<u>OKLAHOMA</u>		6
Grand Rapids	7		Tulsa	6	
Hancock	1				
Hillsdale	1				

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT SHOWING NUMBER OF GUESTS REGISTERED AT HOTEL WILLIAMS
BY STATE AND CITIES DURING THE SEASON OF 1930
 (CONTINUED)

<u>OHIO</u>		23
Cleveland	11	
Columbus	3	
Elyria	2	
Gambier	3	
Lakewood	4	
<u>PENNSYLVANIA</u>		3
Philadelphia	1	
Pittsburgh	2	
<u>TENNESSEE</u>		4
Memphis	4	
<u>TEXAS</u>		3
Dallas	3	
<u>WASHINGTON</u>		3
Selah	2	
Spokane	1	
<u>WISCONSIN</u>		82
Appleton	3	
Fond du Lac	3	
Goodman	3	
Green Bay	11	
Madison	3	
Marinette	6	
Marshfield	1	
Milwaukee	26	
Neenah	5	
New London	2	
Rhinelander	3	
Shawano	2	
Soperton	7	
Wausau	5	
Wauwatosa	2	
TOTAL		886

HJT:MD-2.
 1/21/31.

GRAND ISLAND

DEER

During the year we shipped 101 deer at an average price of \$65.20, or a total amount of \$6,585.00. We regret to have to report that our sales for the coming year are practically nil, as only orders for 14 animals have been received up to this date. Heretofore, we have been able to ship a great many deer to the different State Game Commissions but we find this year that none of the States are in the market.

ELK

A number of these animals are seen from time to time by the gamekeepers but we have no way of knowing just how many are on the Island. Those that are seen seem to be in good condition.

GAME BIRDS

Few birds of any character are seen on the Island but this year more partridge than usual have been reported.

PREDATORY ANIMALS

A number of coyotes on the Island have given us considerable trouble and the gamekeepers have been successful in killing seven during the past year. We still find tracks and the work of exterminating them is being continued and we are being assisted by the State trappers.

HUNTING

During the past season the hunting parties consisting of Carter H. Harrison, W. H. Klauer, and Oscar Mayer were at the Island for a few days, as were also a few of the State officials of the Y. M. C. A. In Addition to these, we had, as our guest, Governor Green for three days during the season.

Statement of Hunting Permits Issued at Grand Island
Season 1930

Permit No.	Name	Deer Killed
326	Chas. E. Allinger	
327	Fred Freeman	One
328	Geo. L. Gibson	
329	Oscar G. Mayer	"
330	Oscar F. Mayer	"
331	C. H. Harrison, Sr.	"
332	C. H. Harrison, Jr.	"
333	Jos. T. Stener	"
334	W. H. Klauer	"
335	Walter Klauer	
Total		7

MAPLE SYRUP

During the season we made 510 gallons of maple syrup, compared with 586 gallons last year. We, of course, have no difficulty in disposing of all of the syrup we can make.

ROADS

No new roads were built during the year but there was considerable expense incurred in repairs to the present roads.

DOCKS

During the year we were put to great expense in renewing the main docks at Munising, Powell's Point, and the merchandise dock at the Island. The first two docks were completely destroyed during the heavy storm on October 21st to 23rd, 1929, and were re-built during the past season.

BOATS

The OTTAWA was in commission all during the summer and was laid up on September 15th, 1930. During that period she made schedule trips between the Island and Munising and the Pictured Rocks. This boat made daily trips to the Pictured Rocks during this season in place of three days during each week as in past years. The launches "Trout Bay" and "Williams Island" were used between the Island and Powell's Point. Heavy repairs were made on these latter two boats and new engines were installed in them during the year.

EXPENSES

The following statements give a report of expenses and revenues of the Island for the years 1922 to 1930 inclusive.

The expense of carrying on this Island, due to our inability to sell deer, will be much greater during the coming year. This revenue from deer was of considerable help in reducing the carrying charges on this property.

THE CLEVELAND - CLIFFS IRON COMPANY
LAND DEPARTMENT

GRAND ISLAND OPERATING EXPENSE

OPERATING	1930	1929	1928	1927	1926	1925	1924	1923	1922
Superintendence	1,560.00	1,560.00	3,240.00	3,240.00	3,240.00	3,240.00	3,240.00	3,357.50	3,182.50
Game Preserve									
Game Keepers	540.00	540.00	540.00	560.60	710.00	1,046.92	1,067.28	1,081.25	874.11
Feed	212.30	249.05	212.55	131.04	239.55	344.66	404.83	303.58	338.70
Game, Fish & Fowl Purchased	-	-	-	4.23	-	-	-	2.95	-
Shipping Expense	851.72	886.74	520.09	656.95	370.14	583.30	528.03	370.13	868.47
Medicine	50.00	-	-	-	-	-	-	-	-
Miscellaneous	-	50.00	8.00	6.50	5.00	20.20	350.89	157.90	18.42
Farm									
Farming	407.65	380.44	575.03	408.08	312.44	810.47	1,211.17	1,047.45	1,048.71
Livestock Purchased	32.00	32.25	30.00	18.00	37.65	-	10.51	88.84	-
Feed of Livestock	34.31	57.61	53.35	43.17	60.82	169.26	182.30	128.03	100.20
Launches and Boats	1,486.35	1,241.67	1,328.55	1,271.30	1,407.46	3,129.33	4,394.57	2,799.42	3,240.28
Syrup Making	833.46	702.54	1,236.33	657.56	798.54	986.13	757.57	351.36	1,199.86
Storing Ice	74.02	105.47	160.94	106.73	65.70	143.58	321.57	204.34	352.87
Autos	394.55	507.80	692.92	635.20	458.76	598.19	812.10	706.15	852.41
Tools and Miscellaneous Supplies	68.96	88.01	37.08	29.14	39.35	186.11	379.74	149.23	304.05
Planting Trees	-	-	-	57.63	-	-	-	-	94.00
Board of Men	2,660.34	2,311.13	3,382.94	2,599.85	2,667.73	5,351.97	7,339.54	6,215.40	5,622.42
Stable Expense	118.84	94.52	118.31	132.28	145.07	290.87	6609.53	425.57	531.00
Improving									
Roads	-	-	-	-	-	-	-	-	36.50
Game Fence	-	-	-	-	-	-	-	-	-
New Docks	-	-	-	-	-	-	-	-	-
Telephone Lines	-	-	-	-	-	-	-	-	-
Electric Current	568.50	560.10	508.00	294.70	297.60	598.80	488.90	367.80	383.90
Total	9,893.00	9,367.33	12,644.09	10,852.96	10,855.81	17,499.79	22,118.53	17,756.90	18,648.40
MAINTENANCE									
Buildings	304.69	671.01	582.51	179.74	94.77	583.41	2,068.41	2,534.43	730.59
Machinery & Equipment	47.48	9.54	50.30	73.11	-	28.22	75.11	29.91	31.62
Roads, Trails and Fences	235.12	383.17	207.41	255.46	235.20	228.11	945.58	1,787.91	614.96
Docks	979.75	99.37	22.40	4.92	15.11	642.05	1,590.16	518.33	26.47
Launches and Boats	1,195.30	452.22	971.86	1,805.34	1,591.25	622.29	2,017.18	1,342.31	1,636.83
Yards, Grounds and Gardens	2.83	23.01	80.84	-	.63	214.18	86.28	183.43	110.50
Telephone Lines	4.16	20.80	7.84	3.81	12.41	21.80	18.48	1.92	34.93
Safety Devices	-	-	-	-	-	-	-	-	-
Total	2,769.33	1,659.12	1,923.16	2,322.38	1,949.37	2,340.16	6,804.20	6,398.24	3,185.90
SUNDRY EXPENSE									
Equipment	-	-	312.27	524.78	772.16	722.04	884.47	522.13	290.12
Supply Inventory	-	-	-	-	-	-	-	-	-
Miscellaneous	-	-	-	-	1.85	-	-	-	-
Fire Loss	-	-	-	-	-	-	-	-	-
Total	-	-	312.27	524.78	774.01	722.04	884.47	522.13	290.12
Total Operating Cost	12,662.33	11,026.45	14,879.52	13,700.12	13,579.19	20,561.99	29,807.20	24,677.27	22,124.42
DEPRECIATION									
Plant	366.93	660.29	197.04	197.04	197.00	560.63	560.63	560.63	560.63
Equipment	2,198.26	1,843.91	1,837.92	1,837.92	1,837.97	1,809.02	593.52	-	-
Total	2,565.19	2,504.20	2,034.96	2,034.96	2,034.97	2,369.65	1,154.15	560.63	560.63
GENERAL EXPENSE									
Insurance	1,173.13	1,050.59	1,117.58	1,220.43	919.22	1,005.03	807.20	283.70	440.50
Compensation Fund	-	-	-	-	-	-	-	-	-
Personal Injury	-	-	9.00	64.10	5.65	31.80	57.95	2.00	-
Advertising	-	-	-	-	-	-	-	-	-
Taxes	324.18	341.93	358.87	374.90	432.83	773.67	819.70	554.72	376.22
Selling Expense	-	-	-	-	-	-	-	-	-
Local Office	62.50	56.60	78.01	70.02	187.47	255.05	624.51	635.40	357.88
Central Office	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00	1,200.00
Total	2,759.81	2,649.12	2,763.46	2,929.45	2,745.17	3,265.55	3,509.36	2,675.82	2,374.60
Total Depreciation and General Expense	5,325.00	5,153.32	4,798.42	4,964.41	4,780.14	5,635.20	4,069.99	3,236.45	2,935.23
Grand Total Operating Cost	17,987.33	16,179.77	19,677.94	18,664.53	18,359.33	26,197.19	34,470.71	27,913.72	25,059.65

THE CLEVELAND-CLIFFS IRON COMPANY Y

LAND DEPARTMENT

GRAND ISLAND EARNINGS

R-72	1930	1929	1928	1927	1926	1925	1924	1923	1922
Game and Fish a	6,565.00	6,482.00	5,055.00	5,570.00	4,265.00	3,370.00	3,019.25	1,650.00	1,830.00
" " " aa	-	-	-	-	-	-	-	-	-
Farm and Poultry a	220.14	129.90	87.04	112.33	240.56	377.36	370.54	386.95	300.77
" " " aa	397.40	484.23	538.65	478.45	452.00	385.82	572.05	655.66	753.77
Ice a	91.50	21.00	170.87	43.50	135.50	46.75	52.50	54.00	33.50
" " " aa	250.00	300.00	320.00	260.00	320.00	400.00	490.00	380.00	610.00
Maple Syrup a	1,540.40	1,727.30	2,607.99	2,451.86	2,022.01	1,577.28	1,978.58	637.40	1,249.54
" " " aa	92.50	106.25	133.50	116.15	243.35	128.75	57.50	111.75	158.25
Launches and Boats a	1,319.18	1,651.50	1,756.25	1,776.05	1,874.24	2,148.97	1,559.11	1,186.39	779.73
" " " aa	208.50	152.00	1173.50	384.00	346.25	214.25	1,526.68	410.51	696.83
House Rents a	521.76	535.06	581.05	887.15	777.65	1,166.14	1,208.00	1,047.68	764.60
" " " aa	-	-	-	-	7.50	-	-	7.00	17.50
Lot Rents a	350.00	350.00	350.00	350.00	350.00	350.00	350.00	300.00	300.00
" " " aa	-	-	-	-	-	-	-	-	-
Auto Earnings a	846.75	790.75	726.75	887.25	761.25	1,124.00	1,135.50	1,040.75	891.00
" " " aa	25.00	24.50	68.50	34.00	134.75	107.60	359.75	300.50	743.00
Teaming a	14.75	38.88	-	7.00	-	126.50	-	-	6.00
" " " aa	-	-	-	-	-	-	-	-	-
Miscellaneous a	86.00	107.50	75.00	32.50	100.24	85.21	243.53	68.80	133.22
" " " aa	-	403.42	74.00	40.96	-	-	-	-	-
Total R-72	12,548.88	13,304.29	12,718.10	13,451.20	12,030.30	11,608.63	12,922.99	8,239.39	9,267.71
" R-72a	11,575.48	11,833.89	11,409.95	12,117.64	10,526.45	10,372.21	9,917.01	6,373.97	6,288.36
" R-72aa	973.40	1,470.40	1,308.15	1,333.56	1,503.85	1,236.42	3,005.98	1,865.42	2,979.35
Inventory End of Year	174.12	268.00	162.37	351.40	251.23	366.50	618.00	3,928.44	2,077.92
Grand Total	12,723.00	13,572.29	12,880.47	13,802.60	12,281.53	11,975.13	13,540.99	12,167.83	11,345.63
Grand Total Operating Cost	17,987.33	16,179.77	19,677.94	18,664.53	18,359.33	26,197.19	34,470.71	27,913.72	25,059.65
Net Profit or Loss	5,264.33	2,607.48	6,797.47	4,861.93	6,077.80	14,222.06	20,929.72	15,745.89	13,714.02
Plant Account Not Charged Off			2,501.76	2,698.80	2,895.84	3,092.84	3,653.47	4,214.10	4,774.73
A5a Equipment Account Not Charged Off			9,582.19	11,420.11	13,258.03	15,096.00	16,360.25	81.36	81.36
A5b " " " " " "			104.06	416.33	941.11	1,713.27	2,460.31	1,641.06	425.66
Number of Miles Travelled by Launch "Ottawa"	3,318	2,019	1,993½	2,169	2,116	1,846	1,299		
" " " " " Grand Island	-	-	-	-	-	398	4,083	3,308	2,789
" " " " " Williams Island	335	121½	110	364	331	346	675	808	88
" " " " " Trout Bay	1,077½	1,402	1,282	1,162	1,607	2,097	992	972	1,102
Total Miles	4,730½	3,542½	3,385½	3,695	4,054	4,687	7,049	5,088	3,979
Number of Passengers Carried by Launch "Ottawa"	3,266	4,006	5,126	6,652	5,278	5,008	2,154		
" " " " " Grand Island	-	-	-	-	-	339	3,304	3,330	2,801
" " " " " Williams Island	228	86	79	1,174	247	417	632	481	11
" " " " " Trout Bay	1,274	1,156	1,489	508	1,838	2,728	852	1,012	194
Total Passengers	4,768	5,248	6,694	8,334	7,363	8,492	6,942	4,823	3,006
Gallons of Syrup Made	510	586	875	852	756	611	800½	305	623½
Number of Deer Shipped	101	106	83	106	117	100	78	(1) 47	71
Average Price Per Head	65.20	61.23	60.96	52.55	39.87	35.10	31.79	35.11	30.28
Shipping Expense Per head	8.43	8.36	6.27	6.20	3.16	5.83	6.77	7.88	6.60

(1) Of this number, two were elk (1 cow sold for \$60.00 and 1 bull for \$75.00).

The following time was spent by Land Department Employees on work for other Departments:

	Mining Dept.	The Cliffs Power and Light Co.	Lbrg. Dept.	Railway Dept.
R. A. Brotherton	12 days	5 days	4 days	2 days

LED:MD-2.
2/3/31.

REPORT OF MR. H. S. NIGHTINGALE
FOR YEAR 1930

I submit herewith my report for the year 1930 on various department matters.

<u>SUPERIOR REALTY COMPANY</u>			
Tax Title Account Balance Jan. 1st, 1930		\$ 2,858.90	
Tax Title Account (M.M.L.Co.) Jan. 1st, 1930		75.83	
Total Tax Titles Jan. 1st, 1930			\$ 2,934.73
Tax Titles Purchased 1930		2,102.28	
Tax Titles Purchased (M.M.L.Co.) 1930		<u>3,710.14</u>	
Total Tax Titles Purchased			<u>5,812.42</u>
Total			8,747.15
Redemptions 1930 Tax Title Account		1,622.03	
Redemptions 1930 Tax Title Account (M.M.L.Co.)		<u>1,708.88</u>	
Total			3,330.91
Balance Jan. 1st, 1931			5,416.24
Tax Title Account	\$3,339.15		
Tax Title Account (M.M.L.Co.)	2,077.09		
Total		5,416.24	

Tax titles to the amount of \$2,102.28 were purchased during the year in

Baraga County	\$ 852.38
Marquette County	1,211.11
Alger County	<u>38.79</u>
Total	\$2,102.28

We also purchased tax claims for the Michigan Mineral Land Company to the amount of \$3,710.14 in

Iron County	\$3,347.90
Baraga County	<u>362.24</u>
Total	\$3,710.14

Redemptions during the year in the Tax Title Account amounted to \$1,622.03 and in the Michigan Mineral Land Company account \$1,708.88, leaving balances as of December 31st, 1930, as follows:

Tax Title Account	\$3,339.15
Michigan Mineral Land Company	<u>2,077.09</u>

The following is the status of this account:

Tax Titles Purchased Account:

Titles in process of adjustment	\$1,662.93	
1927 Taxes subject to redemption up to May 1st, 1931	<u>1,676.22</u>	
Total		\$3,339.15

Michigan Mineral Land Company Account:

Titles in process of adjustment	1,073.52	
1927 taxes subject to redemption up to May 1st, 1931.	<u>1,003.57</u>	
Total		<u>2,077.09</u>
		\$5,416.24

These tax title claims are located in the following Counties:

Alger	\$ 16.61
Baraga	1,596.55
Houghton	192.63
Iron	1,639.02
Marquette	1,971.43
Total	\$5,416.24

TAXES

The Cleveland-Cliffs Iron Company's comparative statement for the year 1929-1930 shows a reduction in total taxes paid of \$70.14. The amount of taxes charged to Accounts Receivable in 1929 was \$22,258.65 and in 1930 \$17,760.62, eliminating these items, the result shows an increase in taxes paid for 1930 of \$4,427.89. This is due principally to increases in McMillan and Columbus Townships, Luce County, amounting to \$2,929.86, and an increase in Seney Township, Schoolcraft County, of \$1,136.28, and increase in County taxes in various Counties. The Michigan State Tax Commission completed their re-valuation of McMillan and Columbus Townships in October this year. We received a decrease in valuation of \$150,750.00 in McMillan Township and an increase of \$33,095.00 in Columbus Township. The Newberry Lumber & Chemical Company's furnace valuation at Newberry, Michigan, was reduced \$200,000.00. The budget for this township for 1930 increased \$8,886.20 which makes The Cleveland-Cliffs Iron Company bear a larger proportion of the tax burden which accounts for the increase in these two townships. In Seney Township, the increase is due to higher County taxes and the fact that a considerable acreage of lands were deeded to the State for non-payment of taxes which put the tax burden on a fewer number of taxpayers.

We attended the regular Board of Review meetings during the year in the various townships and cities where we have assessable property, the result being a reduction in valuation of \$250,932.00 as follows:

	<u>Decrease</u>	<u>Increase</u>
Superior Township	\$170,380.00 (1)	
Munising Township	34,840.00 (1 & 2)	
Mathias "	600.00 (1)	
AuTrain "	51,235.00 (1 & 2)	
Limestone "	300.00 (1)	
Onota "	2,890.00 (1)	
Skandia "	750.00 (3)	
Humboldt "	250.00 (1)	
Republic "	1,080.00 (1)	

	Decrease	Increase
Negaunee Township	\$ 3,200.00 (1)	
Turin "	600.00 (1)	
Chocolay "	110.00 (1)	
Powell "	8,100.00 (3)	
City of Munising	2,532.00 (4)	
McMillan Township	150,750.00 (5)	
Columbus Township		\$33,095.00 (6)
Rock River Township	9,410.00 (5)	
Net Reduction		<u>250,932.00</u>
Total	<u>\$284,027.00</u>	<u>\$284,027.00</u>

- (1) Reduction on cut-over lands.
- (2) Timber removed.
- (3) Timber lands.
- (4) General 5% reduction on real estate.
- (5) General reduction by State Tax Commission.
- (6) General increase by State Tax Commission.

In addition to our attendance at the regular Board of Review meetings, we met with the Michigan State Tax Commission at Newberry, Michigan, on September 30th and October 1st, 1930, at which time a review was held covering all property located in McMillan and Columbus Townships. The result of this hearing was a net reduction of The Cleveland-Cliffs Iron Company's valuations of \$117,655.00. In arriving at the timber values, the Commission used excessive stumpage rates, i.e., Birch \$7.00 per thousand, Maple \$5.00 per thousand, and Spruce cords at \$2.00.

We also had a special meeting with Mr. A. E. Richards, of the Tax Commission, at Chatham, Michigan, on June 17th, 1930, at which time we were able to get a net reduction of \$9,410.00 on the lands of this company in Rock River Township.

We also had a special meeting on June 12th, 1930, with Mr. A. E. Richards, of the Tax Commission, and W. H. Graham, Supervisor of Superior Township, Chippewa County, in Munising, Michigan, to discuss the valuations placed on cut-over lands. We were able to obtain a reduction of \$17,380.00 on our cut-over lands.

I attended a meeting of the Alger County Board of Supervisors on July 13th, 1930, to call the Board's attention to the resolution passed by them on December 17th, 1929, wherein it was agreed to pay its members living outside of the City of Munising three days' pay for each meeting held during the months of December, January, February and March. This being contrary to the statutes, the Board rescinded the resolution of December 17th, 1929.

I also attended a meeting of the same Board on June 23rd, 1930, to counsel

with the various members to get them to equalize the valuation of Alger County on the assessed value of each township and city and not by adding and deducting certain amounts as has been the custom in the past. The Board agreed and did equalize as suggested.

The Alger County Taxpayer's Association's third annual report is attached. This Association, under the direction of Mr. J. I. Keeton, Manager, continues active in the affairs of Alger County. It is sponsored by the large land and timber holders of Alger County representing 68.48% of the total valuations of the County. This Association has met with better cooperation during its third year of existence than in the past. The mere fact that this organization exists and that all township and city budgets and expenditures are carefully checked causes officials to watch carefully the expenditures of the taxpayer's money with the result that the affairs of the various townships are in better shape today than formerly.

We have followed the policy again this year of not paying the 1930 taxes on 43,079.46 acres of waste lands located in McMillan and Columbus Townships, Luce County. The taxes are delinquent for the years 1929 and 1930 on this grouping.

In Limestone Township, Alger County, the Township Board passed a resolution to raise a Bridge and Culvert tax amounting to \$2,000.00. The Alger County Board of Supervisors, at their annual session in October, 1930, eliminated this amount from the budget of this township but the township officials spread this tax on the 1930 tax roll. We did not pay our proportion of this tax and this policy was followed by all members of the Alger County Taxpayer's Association.

Attached statements show the financial condition of the City of Munising. This City is run under the Commission form of Government and since we have given careful attention to the selection of the men composing this commission, a marked difference is shown in the expenditures of the tax money and the city is not run on borrowed capital as was the custom for a number of years.

Statements covering comparison of taxes of the various townships and cities follow.

LAND LOOKING

Stephen Lowney, Sr., was employed during the year examining Company lands in

various districts. Stephen Lowney, Jr., was located principally in Luce County making a new examination of Company lands in McMillan and Columbus Township.

The following table shows acreages examined by each:

	Acres of Company Lands Re-looked	Acres of Sullivan Lands Looked	Time Spent Looking for Trespasses
Stephen Lowney, Sr.	16,540	2,400	78 days
Stephen Lowney, Jr.	32,520	2,560	3 "

Detailed yearly reports of both follow.

TIMBER EXPIRATION DATES

Attached plats show lands upon which The Cleveland-Cliffs Iron Company owns the timber only and the final dates for removal of same.

LANDS PURCHASED

No lands purchased or items charged to the various purchases this year.

LANDS OWNED AND CONTROLLED - ACREAGE STATEMENT

Attached statement shows acreages as of December 31st, 1930, owned by the various companies under Land Department supervision and Lands Owned and Controlled shows lands under the control of the Land, Furnace and Mining Departments.

FOREST FIRES

Attached statement shows the various forest fires reported on Company lands during the year.

TRESPASSES


Attached statement shows the number of trespasses collected during the year amounting to \$2,511.67.

DOCUMENTS ENTERED ON LAND DEPARTMENT RECORDS


The following table shows the number of documents passed through the Land Department records during the year as compared with the years 1929 and 1928.

	1930	1929	1928
Record of Conveyances	77	99	75
Record of Purchases	165	61	117
Record of Miscellaneous Documents	11	18	42
Record of Leases	112	192	61
Total	365	370	295


LEGEND




C. C. I. Co. owns all timber except Hemlock, Pine, Spruce and Balsam. Timber Permit expires Jan. 1, 1935 except on Sec. 3 which expires Jan. 1, 1930.




C. C. I. Co. owns all timber. Timber Permit expires Jan. 1, 1932.




C. C. I. Co. owns all timber. Timber reserved in sale of land. Expires Oct. 31, 1933.



C. C. I. Co. owns Cedar timber. Timber Permit expires Jan. 1, 1935.



C. C. I. Co. owns all timber and second growth reserved in sale to the Cliffs Power and Light Co. Reserved for 50 years to July 28, 1976.



C. C. I. Co. owns all timber. Timber Permit expires Dec. 31st, 1934.

DIAGRAM

OF

Township No. *45*

Range No. *19*

County, State of

6		5	4	3	2	1	
7		8	9	10	11	12	
18		17	16	15	14	13	
19		20	21	22	23	24	
30		29	28	27	26	25	
31		32	33	34	35	36	

75a

DIAGRAM OF

Township No. *45*

Range No. *20*

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. *46*

Range No. *20*

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

The diagram shows a 6x6 grid of sections. The sections are numbered 1 through 36 in a boustrophedon pattern. Section 21 is shaded brown. Section 23 is shaded yellow. Section 31 is shaded orange. There is also a small orange shaded area in the bottom-left corner of the grid.

DIAGRAM OF

Township No. 45

Range No. 21

County, State of

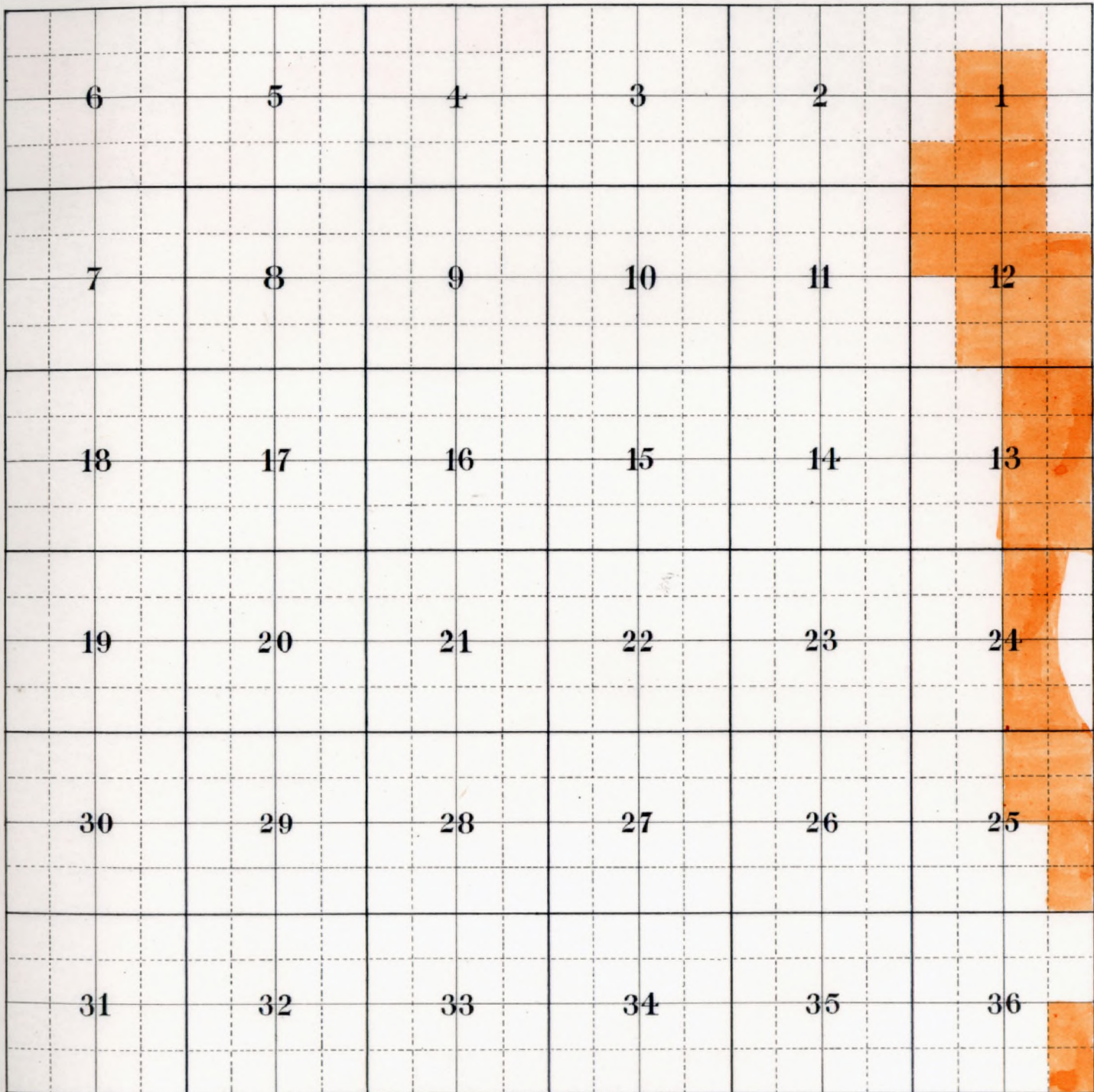


DIAGRAM OF

Township No. *47*

Range No. *25*

County, State of

6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

DIAGRAM OF

Township No. *485*

Range No. *25*

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. *45*

Range No. *26*

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. 47

Range No. 26

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. *48*

Range No. *26*

County, State of

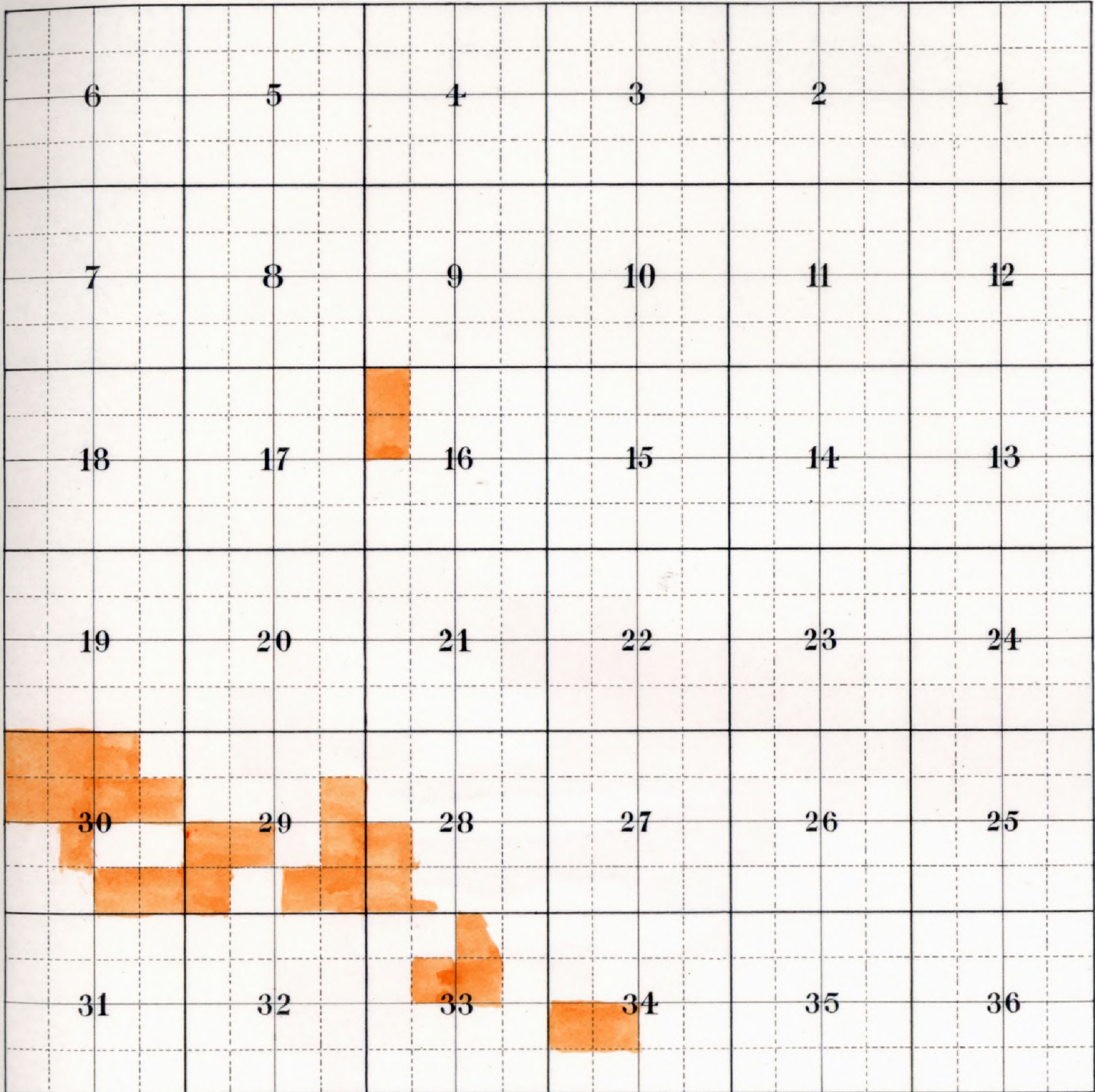


DIAGRAM OF

Township No. *48*

Range No. *27*

County, State of

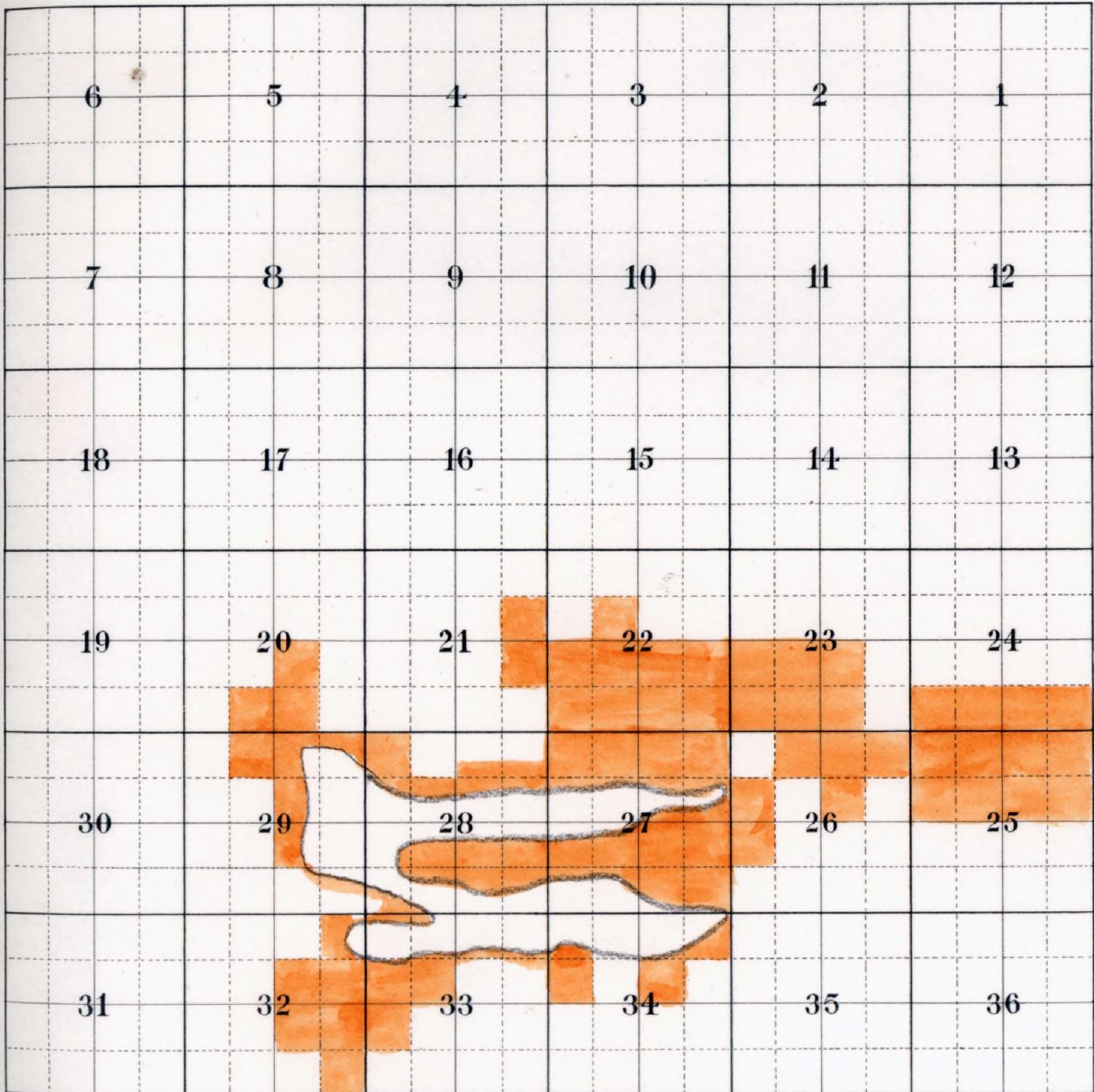


DIAGRAM OF

Township No.

46

Range No.

29

County, State of

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. 47 Range No. 30
County, State of

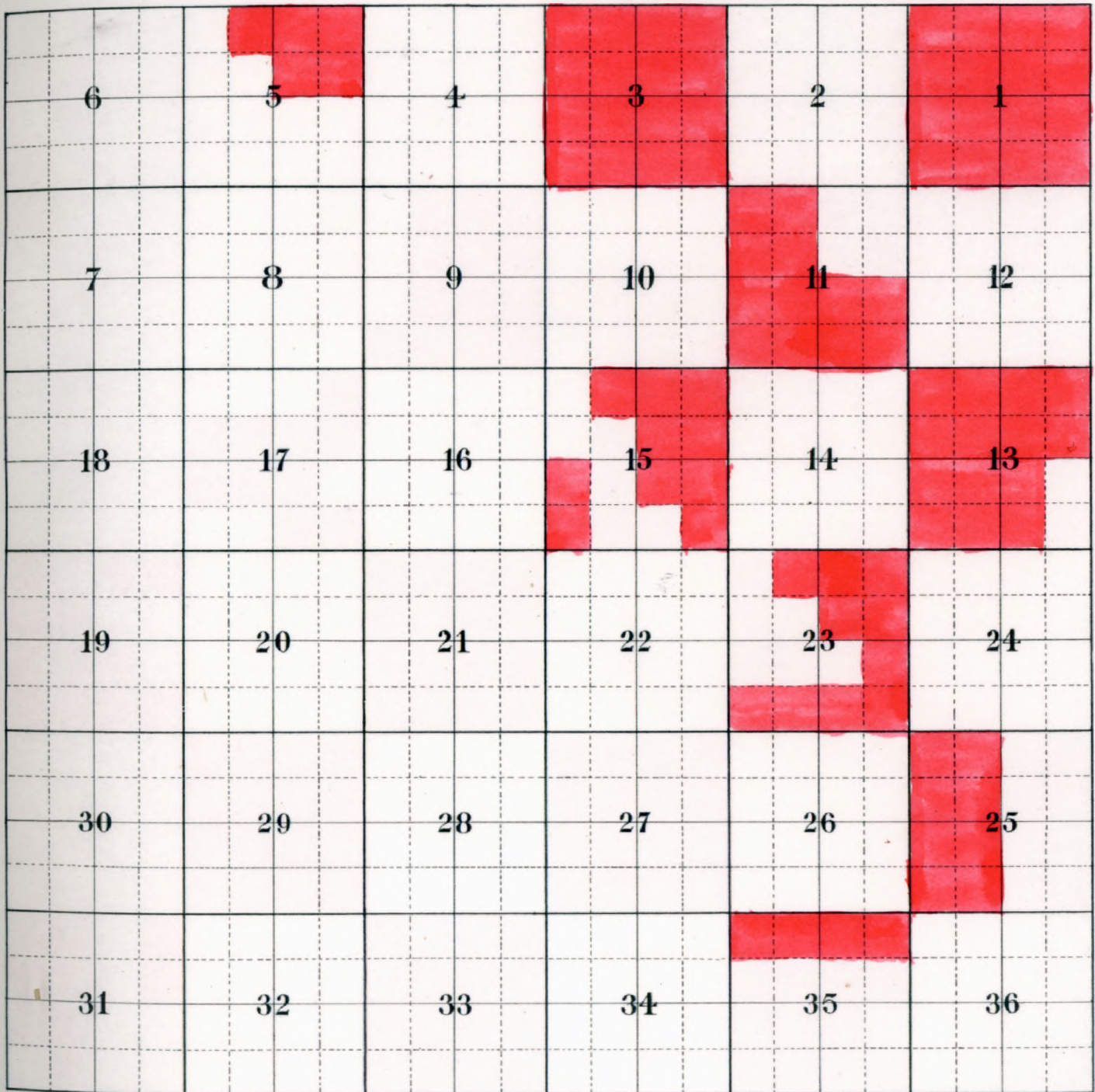
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

DIAGRAM OF

Township No. *47*

Range No. *16*

County, State of



DIAGRAM

OF

Township No. *48*

Range No. *16*

County, State of

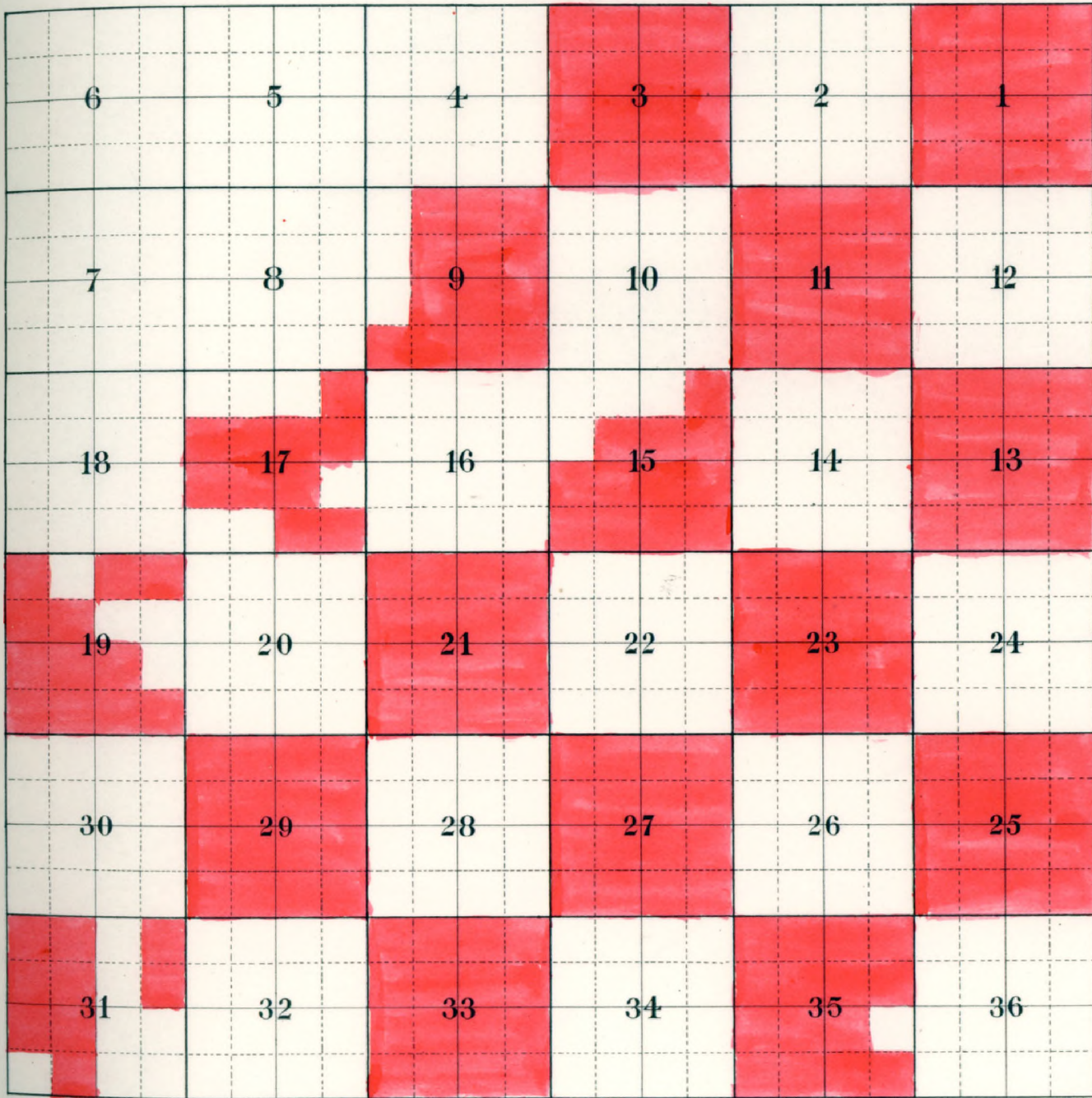


DIAGRAM OF

Township No. *49*

Range No. *16*

County, State of

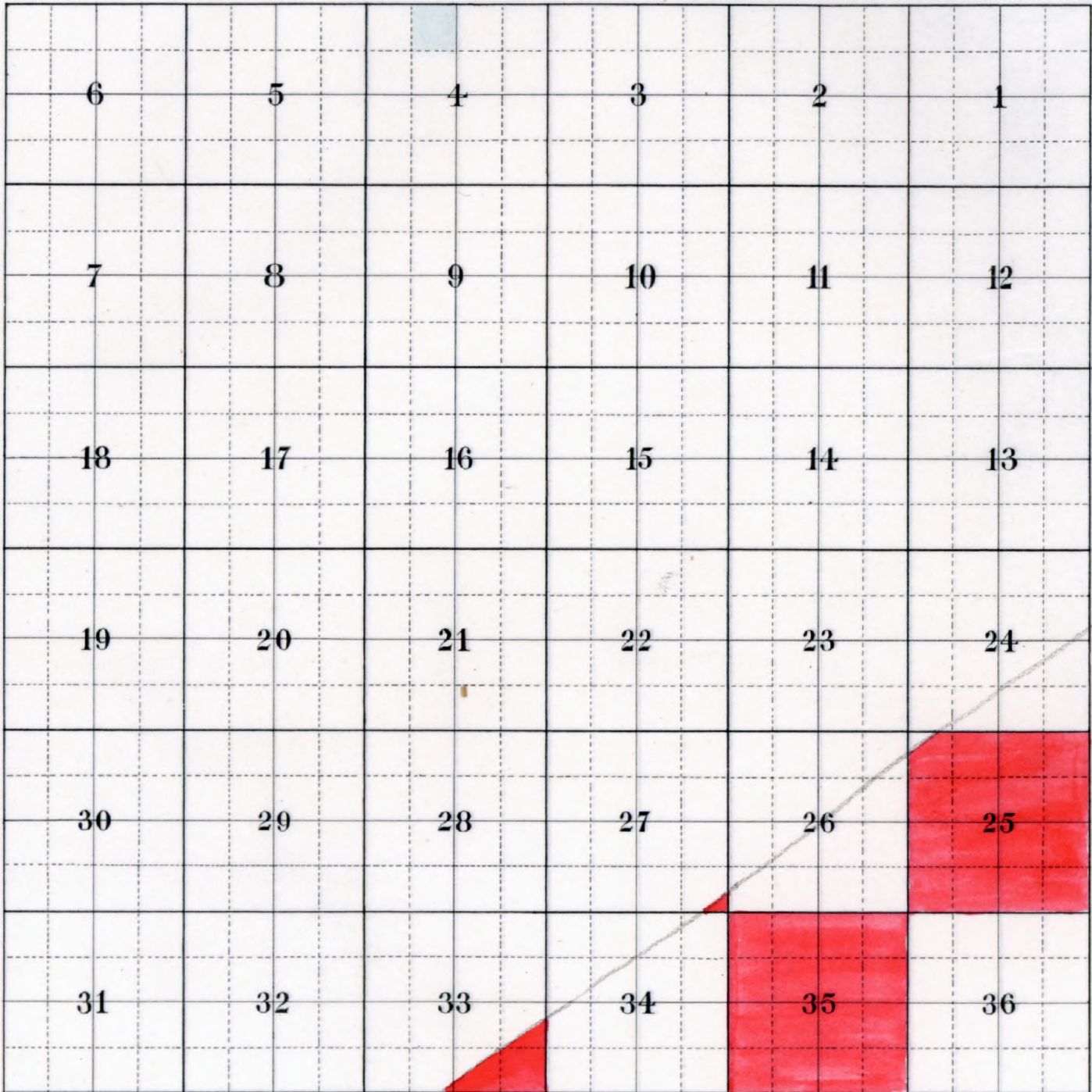


DIAGRAM OF

Township No. 45

Range No. 22

County, State of



6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

Interest
City Hall Payments
Interest
Fire Truck Payments
Interest

C I T Y O F M U N I S I N G

MUNISING, MICHIGAN.

STATEMENT OF BUDGET AND EXPENDITURES TO DECEMBER 31, 1930.

	BUDGET	EXPENDITURES		UNEXPENDED BALANCE OR DEFICIT
		MONTH OF DEC.1930	TOTAL FOR 12 MOS.1930	
GENERAL FUND				
Salary, Mayor	925.00	77.26	927.12	2.12*
" Health Officer	600.00	50.00	600.00	
" Comm. Records & Finances	490.00	40.63	487.56	2.44
" Comm. Public Works	490.00	40.63	487.56	2.44
" Supt. Public Works	2,100.00	175.00	2,100.00	
" City Clerk	2,100.00	175.00	2,100.00	
" Deputy City Clerk	1,560.00	130.00	1,560.00	
" City Treasurer	150.00		150.00	
" City Assessor	350.00		300.00	50.00
" Janitor City Hall	120.00		25.80	94.20
Office Supplies	300.00	14.53	163.56	136.44
Printing & Stationery	300.00		63.82	236.18
Fuel	130.00		238.48	108.48*
Light	100.00	8.73	81.79	18.21
Telephone & Telegraph	50.00	3.50	55.79	5.79*
Audit & Publishing	450.00		290.00	160.00
Traveling	200.00		3.00	197.00
Printing Notices & Proceedings	350.00	28.80	408.55	58.55*
Board of Review	100.00		64.00	56.00
Registration & Election	900.00	12.50	698.61	201.39
Comp. Insurance	500.00	108.31	528.83	28.83*
Fire "	335.00		507.00	172.00*
Officers' Bonds Premium	200.00		122.54	77.46
Ice Rink	350.00		374.36	24.36*
Miscellaneous	150.00		45.21	104.79
Legal Expense	100.00	1.00	1.00	99.00
Health Department Expense	100.00	4.00	10.95	89.05
Donations	1,250.00	175.00	2,099.59	849.59*
Services Tax & Asst. Roll			200.00	200.00*
Water			9.75	9.75*
TOTAL	14,750.00	1,045.19	14,704.87	45.13
SINKING FUND				
Bond Payments	1,000.00		1,000.00	
Interest	750.00		750.00	
City Hall Payments	600.00		600.00	
Interest	175.00		170.67	4.33
Fire Truck Payments	1,250.00		1,250.00	
Interest	125.00		187.50	62.50*
TOTAL	3,900.00		3,958.17	58.17*

* Denotes Deficit

CITY OF MUNISING

MUNISING, MICHIGAN.

	BUDGET	EXPENDITURES		UNEXPENDED BALANCE OR DEFICIT
		MONTH OF DEC. 1930	TOTAL FOR 12 MOS. 1930	
<u>STREET FUND</u>				
Cleaning	650.00		960.03	310.03*
Repairs & Improvements	7,400.00	68.00	13,552.72	6,152.72*
Lighting	7,500.00	618.25	7,684.92	184.92*
Snow Removal	3,000.00	357.02	2,747.19	252.81
Garbage Collection	1,200.00	46.35	1,852.45	652.45*
Tools	200.00	6.59	143.58	56.42
Supplies	1,000.00	5.27	315.88	184.12
Opening Gutters	300.00		68.52	231.48
Cleaning Catch Basins & Sewers	300.00		180.16	119.84
Sewer Construction	200.00	1.40	41.86	158.14
Miscellaneous	350.00	93.21	164.85	185.15
Maintenance, Equipment	600.00	82.27	767.05	167.05*
Buildings	200.00		74.54	125.46
Sidewalks	600.00		758.28	158.28*
Dock	200.00		204.47	4.47
Capital Investments				
Street Guides	200.00		198.00	2.00
Truck & Plow	6,400.00		5,976.57	423.43
Light Truck	400.00			400.00
Tractor		661.63	1,484.63	1,484.63*
TOTAL	30,700.00	1,939.99	37,675.70	6,975.70*
<u>FIRE FUND</u>				
Fire Chief	120.00	10.00	120.00	
Truck Drivers	1,800.00	148.40	1,761.05	38.95
Firemen	700.00	13.00	833.00	183.00*
Fuel	150.00		102.05	47.95
Light	80.00	6.67	70.74	9.26
Supplies & Expense	600.00	1.08	368.35	231.65
Hydrant Rental			1,200.00	1,200.00*
Maintenance				
Equipment	100.00		20.60	79.40
Building	100.00		35.70	64.30
Alarm System	100.00		60.95	39.05
TOTAL	3,750.00	179.15	4,622.44	872.44*

* Denotes Deficit

CITY OF MUNISING

MUNISING, MICHIGAN.

	BUDGET	EXPENDITURES		UNEXPENDED BALANCE OR DEFICIT
		MONTH OF DEC. 1930	TOTAL FOR 12 MOS. 1930	
<u>WATER FUND</u>				
Watchman	600.00	50.00	600.00	
Electric Power	3,800.00	378.00	4,102.70	302.70*
Fuel	50.00	18.71	139.15	89.15*
Light	25.00			25.00
Tools & Supplies	200.00	2.40	241.01	41.01*
Telephone	25.00	3.25	25.36	.36*
Maintenance Equipment	50.00		458.84	408.84*
" Building	300.00		562.42	262.42*
Distribution				
Pipe Line & Hydrants	2,000.00	69.21	1,308.56	691.44
Tools	25.00	18.90	28.10	3.10*
Supplies	175.00		48.80	126.20
Meter Repairs	200.00	20.93	186.75	13.25
Installation of Meters	50.00		10.60	39.40
Miscellaneous	50.00		15.00	35.00
Capital Invest. Meters	50.00			50.00
TOTAL	7,600.00	561.40	7,727.29	127.29*
<u>POLICE FUND</u>				
Chief of Police	1,800.00	150.00	1,800.00	
Night Watchman	1,650.00	135.00	1,633.50	16.50
Special Police	50.00	55.35	339.62	289.62*
Telephone	100.00	22.25	88.00	12.00
Supplies & Expense	200.00		238.04	38.04*
TOTAL	3,800.00	362.60	4,099.16	299.16*
<u>PARK & CEMETERY</u>				
<u>CEMETERY</u>				
Sexton	1,500.00	125.00	1,500.00	
Maintenance	500.00		1,775.60	1,275.60*
Light & Power	25.00		22.46	2.54
Water	10.00			10.00
Tools & Supplies	20.00		5.55	14.45
Capital Investment				
Fence	800.00		537.59	262.41
Lawn Mower	260.00		188.96	71.04
<u>PARKS</u>				
Tourist Camp	1,200.00		793.69	406.31
Base Ball Park	150.00		42.30	107.70
TOTAL	4,465.00	125.00	4,866.15	401.15*

* Denotes Deficit

CITY OF MUNISING

MUNISING, MICHIGAN.

	BUDGET	EXPENDITURES		UNEXPENDED BALANCE OR DEFICIT
		MONTH OF DEC.1930	TOTAL FOR 12 MOS.1930	
<u>MUNICIPAL COAL</u>				
Coal F.O.B. Lake Erie	15,750.00			15,750.00*
Lake Freight	1,600.00			1,600.00
Unloading & Dockage	2,800.00			2,800.00
Delivering	4,000.00		2,280.77	1,719.23
Interest	325.00		330.29	5.29*
Telephone	25.00		12.04	12.96
Miscellaneous	100.00		245.90	145.90*
TOTAL	24,600.00		2,869.00	21,731.00
<u>RECAPITULATION</u>				
General Fund	14,750.00	1,045.19	14,704.87	45.13
Street Fund	30,700.00	1,939.99	37,675.70	6,975.70*
Fire Fund	3,750.00	179.15	4,622.44	872.44*
Water Fund	7,600.00	561.40	7,727.29	127.29*
Police Fund	3,800.00	362.60	4,099.16	299.16*
Park & Cemetery Fund	4,465.00	125.00	4,866.15	401.15*
Sinking Fund	3,900.00		3,958.17	58.17*
Municipal Coal	24,600.00		2,869.00	21,731.00
TOTAL	93,565.00	4,213.33	80,522.78	13,042.22
<u>RECEIPTS</u>				
General Fund	1,050.00	31.80	1,263.81	
Street Fund	200.00	23.82	918.02	
Fire Fund			91.01	
Water Fund	12,000.00	805.16	12,887.73	
Police Fund	15.00		66.23	
Park & Cemetery Fund	800.00		484.56	
Municipal Coal	31,000.00		16,723.12	
Old Coal Accounts			19.53	
Special Assessments	3,000.00		1,627.53	
Miscl. Accounts Received			76.99	
NET RECEIPTS	48,065.00	860.78	34,158.53	
NET EXPENDITURES	45,500.00	3,352.55	46,364.25	864.25*

* Denotes Deficit

HSN:MD-3.
2/2/31.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY
COMPARATIVE ASSESSED VALUATIONS

	Acres	1930		1929	
			%		%
AuTrain Township	72,984.72	940,585.00	9.70	1,041,320.00	10.10
Burt Township	137,286.79	1,562,080.00	16.11	1,560,840.00	15.13
Grand Island Township	13,821.25	245,245.00	2.53	246,745.00	2.39
Limestone Township	47,779.23	572,575.00	5.91	709,960.00	6.88
Mathias Township	36,592.00	472,941.00	4.88	496,225.00	4.81
Munising Township	110,195.30	1,181,460.00	12.19	1,303,901.00	12.63
Onota Township	54,108.09	813,480.00	8.39	836,615.00	8.11
Rock River Township	50,616.14	574,615.00	5.93	605,690.00	5.87
Munising City	3,398.41	3,332,400.00	34.36	3,516,325.00	34.08
TOTAL ALGER COUNTY	526,781.93	9,695,381.00	100.00	10,317,621.00	100.00

COMPARATIVE EQUALIZED VALUATIONS

AuTrain Township	72,984.72	940,585.00	9.70	781,000.00	10.10
Burt Township	137,286.79	1,562,080.00	16.11	1,170,600.00	15.13
Grand Island Township	13,821.25	245,245.00	2.53	185,000.00	2.39
Limestone Township	47,779.23	572,575.00	5.91	532,500.00	6.88
Mathias Township	36,592.00	472,941.00	4.88	372,200.00	4.81
Munising Township	110,195.30	1,181,460.00	12.19	978,000.00	12.63
Onota Township	54,108.09	813,480.00	8.39	627,500.00	8.11
Rock River Township	50,616.14	574,615.00	5.93	454,300.00	5.87
Munising City	3,398.41	3,332,400.00	34.36	2,637,200.00	34.08
TOTAL ALGER COUNTY	526,781.93	9,695,381.00	100.00	7,738,300.00	100.00

OMC:MD-3.
1/26/31.

T H E C L E V E L A N D - C L I F F S I R O N C O M P A N Y

LAND DEPARTMENT

ALGER COUNTY COMPARATIVE TAX STATEMENT

Township or City	State Tax		County Tax		Township & City Taxes		Total Taxes	
	1930	1929	1930	1929	1930	1929	1930	1929
Au Train	3,039.05	3,302.46	8,833.10	9,740.42	9,500.00	11,000.00	21,372.15	24,042.88
Burt	5,047.13	4,949.88	14,669.61	14,599.41	53,620.08	52,858.40	73,336.82	72,407.69
Grand Island	792.39	782.27	2,303.11	2,307.27	850.00	1,100.00	3,945.50	4,189.54
Limestone	1,850.00	2,251.68	5,377.09	6,641.20	26,000.00	23,500.00	33,227.17	32,392.88
Mathias	1,528.08	1,573.85	4,441.42	4,641.98	23,500.00	23,000.00	29,469.50	29,215.83
Munising	3,817.34	4,135.48	11,095.17	12,197.35	44,744.50	49,296.70	59,657.01	65,629.53
Onota	2,628.38	2,653.38	7,639.45	7,826.00	24,800.00	25,063.40	35,067.83	35,542.78
Rock River	1,856.00	1,921.00	5,396.25	5,665.92	27,056.90	36,407.84	34,309.75	43,994.76
Munising City	10,767.08	11,151.40	31,294.80	32,890.45	131,555.50	127,336.08	173,617.38	171,377.93
Total Taxes - Alger County	31,326.05	32,721.40	91,050.00	96,510.00	341,626.98	349,562.42	464,003.03	478,793.82

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

CITY OF MUNISING TAXES

	1930	1929
Assessed Valuation	\$3,332,400.00	\$3,516,325.00
State Taxes	10,767.08	11,151.40
County Taxes	31,294.80	32,890.45
City Taxes	131,555.50	127,336.08
Total Taxes	173,617.38	171,377.93
Increase	2,339.45	Decrease 12,732.27
Tax Rate per \$100.00 Valuation	5.2099	4.8738
<u>ALGER COUNTY TAXES</u>		
Assessed Valuation	9,695,381.00	10,317,621.00
State Taxes	31,326.05	32,721.40
County Taxes	91,050.00	96,510.00
Township & City Taxes	341,626.98	349,562.42
Total Taxes	464,003.03	478,793.82
Rate on County Taxes per \$100.00 Valuation	.93911	.93539
County Taxes Decrease	5,460.00	Increase 959.10
All Taxes Entire County Decrease	14,790.79	Decrease 27,825.00

OMC:MD-3.
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THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

GRAND ISLAND

	1930	1929
C. C. I. Co. Grand Island		
Acres	12,836.94	12,836.94
Valuation	212,120.00	212,120.00
Total Taxes Paid	3,446.54	3,640.09
C. C. I. Co. Wood Island		
Acres	188.09	188.09
Valuation	1,900.00	1,900.00
Total Taxes Paid	30.89	32.65
C. C. I. Co. Williams Island		
Acres	32.80	32.80
Valuation	400.00	400.00
Total Taxes Paid	6.49	6.89
C. C. I. Co. Main Land		
Acres	84.93	119.99
Valuation	750.00	1,250.00
Total Taxes Paid	12.21	21.50
C. C. I. Co. Grand Island		
Personal Valuation	7,000.00	7,000.00
Personal Taxes Paid	113.76	120.04
Grand Total Taxes Grand Island Township Paid by The C. C. I. Co.	3,609.89	3,821.17
Others Grand Island		
Acres	199.44	199.44
Valuation Real Estate	2,100.00	2,100.00
Taxes	33.94	36.03
Others Grand Island		
Personal Property Valuation	14,950.00	14,950.00
Taxes	241.59	258.23
Others Main Land		
Acres	622.92	622.92
Valuation Real Estate	5,875.00	6,875.00
Taxes	93.93	117.93
Others Main Land		
Personal Property Valuation	150.00	150.00
Taxes	2.42	2.58

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

GRAND ISLAND

SHEET NO. 2

	1930	1929
Total Valuation Grand Island - Real Estate	214,220.00	214,220.00
Personal	21,950.00	21,950.00
Total	236,170.00	236,170.00
Total Taxes Grand Island - Real Estate	3,480.48	3,673.83
Personal	354.71	376.43
Total	3,835.19	4,051.26
Total valuation Wood Island	1,900.00	1,900.00
Total Taxes	30.89	32.65
Total Valuation Williams Island	400.00	400.00
Total Taxes	6.49	6.89
Total Valuation Main Land - Real Estate	6,625.00	8,125.00
Personal	150.00	150.00
Total	6,775.00	8,275.00
Total Taxes Main Land - Real Estate	106.14	139.09
Personal	2.42	2.60
Total	108.56	141.69
Total Acres Grand Island Township - 14,035.22		
Total Valuation Grand Island Township-Real Estate	223,145.00	224,645.00
Personal	22,100.00	22,100.00
Total	245,245.00	246,745.00
Total Taxes Grand Island Township -Real Estate	3,624.00	3,855.18
Personal	357.77	379.02
Total	3,981.77	4,234.20

Note: These tax items include a collection fee of 1%.

OMC:MD-3.
1/29/31.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

VALUATIONS OF MANUFACTURING SITES
CITY OF MUNISING

	1930	1929
The Munising Paper Company		
Site	\$ 911,125.00	\$ 945,250.00
Personal	400,000.00	420,000.00
The Cleveland-Cliffs Iron Company		
Sawmill		
Site	24,825.00	26,125.00
Personal	7,000.00	7,000.00
Other Property		
Real Estate	99,578.00	101,760.00
Personal	700.00	700.00
Total - The Cleveland-Cliffs Iron Co.	132,103.00	135,585.00
The Woodenware Company and Veneer Co.		
Site	123,000.00	133,000.00
Personal	63,000.00	68,000.00
Jackson & Tindle		
Site	58,675.00	61,750.00
Personal	115,000.00	115,000.00
First National Bank		
Site	40,625.00	42,750.00
Personal	120,000.00	165,000.00
Peoples State Bank		
Site	8,575.00	9,025.00
Personal	21,250.00	25,000.00
Michigan Gas & Electric Co.		
Site	23,725.00	24,950.00
Personal	47,200.00	47,200.00
TOTAL SITES	1,290,128.00	1,344,610.00
" PERSONAL	774,150.00	847,900.00
" TOTAL	2,064,278.00	2,192,510.00
Total Valuation - City of Munising		
Real Estate	2,357,895.00	2,460,120.00
Personal	974,505.00	1,056,205.00
Total	3,332,400.00	3,516,325.00
Taxes - State	10,767.08	11,151.40
County	31,294.80	32,890.45
City	50,000.00	45,632.78
School	78,255.50	81,703.30
City Band	3,300.00	
Total	173,617.38	171,377.93

VALUATIONS OF MANUFACTURING SITES
CITY OF MUNISING

Sheet No. 2.

	1930	1929
Tax Rate Per \$100.00 Valuation	\$ 5.2099	\$ 4.8738
Amount Paid by Above Industries	104,439.28	106,841.01
Amount Paid By Others	69,178.10	64,536.92
Percent Paid By Above Industries	61.94	62.37
Percent Paid By Others	38.06	37.63
The Munising Paper Company	39.34	38.83
The C.C.I.Co. Sawmill	.95	.94
The C.C.I.Co. Other Property	3.01	2.92
Total The C.C.I.Co.	3.96	3.86
The Munising Woodenware co.	5.58	5.71
Jackson & Tindle	5.21	5.03
First National Bank	4.82	5.91
Peoples State Bank	.90	.97
Michigan Gas & Electric Co.	2.13	2.06

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THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES

<u>AUTRAIN TOWNSHIP</u>	1930	1929
State	3,039.05	3,302.46
County	8,833.10	9,740.42
Township	1,000.00	1,000.00
Road Repair	1,500.00	1,500.00
Highway Improvement	1,500.00	1,500.00
School	5,500.00	7,000.00
Total	21,372.15	24,042.88
Total Township Taxes Only	9,500.00	11,000.00
<u>BURT TOWNSHIP</u>		
State	5,047.13	4,949.88
County	14,669.61	14,599.41
Township	4,000.00	4,000.00
Road Repair	7,810.04	7,804.20
Highway Improvement	7,810.04	7,804.20
Building & Repairs		250.00
Bond & Interest	9,000.00	9,000.00
School	24,000.00	24,000.00
Forest Fire	1,000.00	
Total	73,336.82	72,407.69
Total Township Taxes Only	53,620.08	52,858.40
<u>GRAND ISLAND TOWNSHIP</u>		
State	792.39	782.27
County	2,303.11	2,307.27
Township	450.00	300.00
School	400.00	800.00
Total	3,945.50	4,189.54
Total Township Taxes Only	850.00	1,100.00
<u>LIMESTONE TOWNSHIP</u>		
State	1,850.00	2,251.68
County	5,377.09	6,641.20
Township	4,000.00	3,500.00
Highway Improvement	3,500.00	3,500.00
Highway Repair	3,500.00	3,500.00
School	15,000.00	13,000.00
Total	33,227.09	32,392.88
Total Township Taxes Only	26,000.00	23,500.00

AIGER COUNTY TAXES

Sheet No. 2.

<u>MATHIAS TOWNSHIP</u>	1930	1929
State	1,528.08	1,573.85
County	4,441.42	4,641.98
Township	2,000.00	2,500.00
Highway Repair	2,500.00	3,000.00
Highway Improvement	2,000.00	1,500.00
School	17,000.00	16,000.00
Total	29,469.50	29,215.83
Total Township Taxes Only	23,500.00	23,000.00
<u>MUNISING CITY</u>		
State	10,767.08	11,151.40
County	31,294.80	32,890.45
City	50,000.00	45,632.78
School	78,255.50	81,703.30
Band	3,300.00	
Total	173,617.38	171,377.93
Total City Taxes Only	131,555.50	127,336.08
<u>MUNISING TOWNSHIP</u>		
State	3,817.34	4,135.48
County	11,095.17	12,197.35
Township	4,000.00	4,000.00
Highway Improvement	6,500.00	7,500.00
Road Repair	6,500.00	7,500.00
School	27,744.50	30,296.70
Total	59,657.01	65,629.53
Total Township Taxes Only	44,744.50	49,296.70
<u>ONOTA TOWNSHIP</u>		
State	2,628.38	2,653.38
County	7,639.45	7,826.00
Township	4,000.00	4,000.00
Highway Improvement	4,150.00	4,281.70
Highway Repair	4,150.00	4,281.70
School	9,000.00	10,000.00
Bond & Interest	3,500.00	2,500.00
Total	35,067.83	35,542.78
Total Township Taxes Only	24,800.00	25,063.40

ALGER COUNTY TAXES

Sheet No. 3.

<u>ROCK RIVER TOWNSHIP</u>	1930	1929
State	1,856.60	1,921.00
County	5,396.25	5,665.92
Township	4,000.00	4,000.00
Highway Improvement	3,028.45	3,203.92
Road Repair	3,028.45	3,203.92
School	17,000.00	26,000.00
Total	34,309.75	43,994.76
Total Township Taxes Only	27,056.90	36,407.84
GRAND TOTAL ALGER COUNTY	464,003.03	478,793.82

OMC:MD-3.
1/29/31.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES

City or Township	1 9 3 0			1 9 2 9		
	valuation	Tax	Rate %	Valuation	Tax	Rate %
Au Train	940,585.00	21,372.15	.022722	1,041,320.00	24,042.28	.02308
Burt	1,562,080.00	73,336.82	.047148	1,560,840.00	72,407.69	.04639
Grand Island	245,245.00	3,945.50	.016088	246,745.00	4,189.54	.01698
Limestone	572,575.00	33,227.09	.058231	709,960.00	32,392.88	.04563
Mathias	472,941.00	29,469.50	.062411	496,225.00	29,215.83	.05887
Munising	1,181,460.00	59,657.01	.051194	1,303,901.00	65,629.53	.05033
Munising City	3,332,400.00	173,617.38	.052099	3,516,325.00	171,377.93	.04873
Onota	813,480.00	35,067.83	.043208	836,615.00	35,542.78	.04248
Rock River	574,615.00	34,309.75	.059709	605,690.00	43,994.76	.07263
TOTAL	9,695,381.00	464,003.03	.047858	10,317,621.00	478,793.82	.046405
Marquette County	58,230,000.00	2,360,339.27	.040552	58,215,471.00	2,319,148.25	.039837
Baraga County	8,997,550.00	465,074.77	.051689	9,204,270.00	523,436.25	.056868
Luce County	7,659,795.00	268,286.50	.035025	7,828,700.00	259,906.85	.034362

OMC:MD-3.
2/2/31.

BOARD OF EDUCATION
City of Munising

Comparison of Munising Board of Education Budget

	1930-1931	1929-1930
General Control		
School Election	75.00	65.00
Secretary's Office	100.00	175.00
Finance - Office & Accounts	300.00	350.00
Legal Services	100.00	100.00
Other Expense	250.00	200.00
Educational Administration		
Office of Superintendent	5,970.00	5,220.00
Census & Law Enforcement	125.00	150.00
Other Expense	350.00	500.00
Expense of Instruction (Day Schools)		
Principal	3,200.00	3,200.00
Other Expense - Office	100.00	200.00
Other Expense - Supervision	100.00	200.00
Teaching		
Salaries - A - Male	17,325.00	16,200.00
Salaries - B - Female	50,150.00	49,325.00
Textbooks	1,700.00	2,000.00
Other Expense of Instruction	2,000.00	2,200.00
" " " "	600.00	700.00
" " " " (Night School)		445.00
Co-ordinate Activities		
Medical Inspection (Nurse)	1,750.00	1,650.00
Other Items (Clinic)	400.00	600.00
Supplies	300.00	300.00
Mileage	200.00	200.00
Auxiliary Agencies		
Library - Exclude books	1,000.00	1,000.00
- Books	1,000.00	1,800.00
Transportation of Pupils	5,000.00	6,500.00
Recreation - Athletics	400.00	400.00
Operation of School Plant		
Wages of Janitor & Employees	8,500.00	9,800.00
Fuel	5,200.00	5,200.00
Water	1,000.00	1,000.00
Light & Power	1,700.00	1,700.00
Janitor's Supplies	1,500.00	1,500.00
Other Expense	500.00	500.00
Fixed Charges		
Insurance	4,400.00	2,000.00

Comparison of Munising Board of Education Budget

Sheet No. 2

	1930-1931	1929-1930
Maintenance		
Buildings & Grounds	1,000.00	1,500.00
Repairs & Equipment	1,500.00	2,000.00
Capital Outlay		
Alterations Old Buildings	200.00	500.00
Equipment	1,500.00	2,500.00
Debt Service		
Redemption of Bonds	20,000.00	20,000.00
Interest on Bonds	6,600.00	7,700.00
Interest - Short Term Loans	100.00	100.00
Refunds (Tax & Tuition)		
TOTAL	146,195.00	150,680.00
Less Cash on Hand, Primary Receipts, etc.	40,195.00	53,700.00
Amount to be Raised	106,000.00	112,000.00

OMC:CN:2.
2/3/31.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT SHOWING THE AMOUNT AND PERCENTAGE OF TAXES PAID BY THE C.C.I.CO. & ASSOCIATE COMPANIES - ALL DEPARTMENTS - AS COMPARED WITH TOTAL AMOUNT, AND THE AMOUNT AND PERCENTAGE PAID BY OTHERS IN THE TOWNSHIPS AND CITIES LISTED.

COUNTIES	TOWNSHIP	TOTAL TAX	TOTAL TAX PAID BY THE C.C.I.CO. & ASSOCIATE COMPANIES ALL DEPARTMENTS	TOTAL TAX PAID BY OTHERS	% PAID BY C.C.I.CO. ALL DEPTS.	% PAID BY OTHERS
<u>Alger</u>	Au Train	\$ 21,372.15	\$ 13,466.16	\$ 7,905.99	63.01	36.99
	Burt	73,336.82	48,905.97	24,430.97	66.68	33.32
	Grand Island	3,945.50	3,609.89	335.61	91.49	8.51
	Limestone	33,227.09	813.74	32,413.35	2.44	97.56
	Mathias	29,469.50	5,772.13	23,697.37	19.59	80.41
	Munising	59,657.01	42,027.99	17,629.02	70.45	29.55
	Munising City	173,617.38	7,049.44	166,567.94	4.06	95.94
	Onota	35,067.83	11,554.60	23,513.23	32.95	67.05
	Rock River	34,309.75	10,324.47	23,985.28	30.09	69.91
	Total	464,003.03	143,524.39	320,478.64	30.09	69.91
<u>Baraga</u>	Baraga	77,828.97	168.57	77,660.40	.22	99.78
	Covington	49,552.24	35.56	49,516.68	.07	99.93
	Spurr	40,351.39	1,480.05	38,871.34	3.67	96.33
	Total	167,732.60	1,684.18	166,048.42	1.01	98.99
<u>Chippewa</u>	Bay Mills	10,181.93	199.71	9,982.22	1.97	98.03
	Bruce	34,729.09	9.45	34,719.64	.03	99.97
	Chippewa	24,123.08	7.11	24,115.97	.03	99.97
	Hulbert	22,358.10	190.08	22,168.02	.86	99.14
	Kinross	13,206.33	50.66	13,155.67	.39	99.61
	Soo	24,974.12	11.59	24,962.53	.05	99.95
	Superior	27,471.28	2,013.17	25,458.11	7.33	92.67
	Trout Lake	12,711.09	90.60	12,620.49	.72	99.28
	Whitefish	36,826.33	609.41	36,216.92	1.65	98.35
	Total	206,581.35	3,181.78	203,399.57	1.54	98.46
<u>Delta</u>	Baldwin	27,257.65	8.37	27,249.28	.03	99.97
	Fairbanks	9,128.93	647.95	8,480.98	7.10	92.90
	Ford River	15,668.45	4.55	15,663.90	.03	99.97
	Garden	25,283.43	67.12	25,216.31	.27	99.73
	Maple Ridge	36,300.50	229.11	36,071.39	.63	99.37
	Masonville	46,750.47	233.05	46,517.42	.50	99.50
	Wells	76,882.34	25.76	76,856.58	.03	99.97
		Total	237,271.77	1,215.91	236,055.86	.51
<u>Iron</u>	Iron River	276,315.47	17,956.79	258,358.68	6.50	93.50
	Bates	128,136.85	8,957.92	119,178.93	6.99	93.01
	Crystal Falls	146,256.29	8.67	146,247.62	.01	99.99
	Mansfield	31,480.06	585.60	30,894.46	1.86	98.14
	Mastodon	84,181.18	2,148.89	82,032.29	2.55	97.45
		Total	666,369.85	29,657.87	636,711.98	4.45
<u>Luce</u>	Columbus	35,007.55	26,633.19	8,374.36	76.08	23.92
	McMillan	190,533.36	50,741.44	139,791.92	26.63	73.37
	Pentland	22,746.15	103.58	22,642.57	.46	99.54
		Total	248,287.06	77,478.21	170,808.85	31.21

COUNTIES	TOWNSHIP	TOTAL TAX	TOTAL TAX PAID BY THE C.C.I.CO. & ASSOCIATE COMPANIES ALL DEPARTMENTS	TOTAL TAX PAID BY OTHERS	% PAID BY C.C.I.CO. ALL DEPTS.	& PAID BY OTHERS
<u>Mackinac</u>	Garfield	\$ 30,345.87	\$ 19.97	\$ 30,325.90	.07	99.93
	Hendricks	18,486.35	42.42	18,443.93	.23	99.77
	Hudson	14,513.33	35.13	14,478.20	.24	99.76
	Moran	18,242.20	31.91	18,210.29	.18	99.82
	Newton	22,275.73	32.84	22,242.89	.15	99.85
	Portage	20,817.81	64.02	20,753.79	.31	99.69
	Total	124,681.29	226.29	124,455.00	.18	99.82
<u>Marquette</u>	Champion	53,601.77	1,197.98	52,403.79	2.24	97.76
	Chocolay	14,831.13	1,909.88	12,921.25	12.88	87.12
	Ely	76,975.94	29,070.69	47,905.25	37.77	62.23
	Forsyth	76,621.21	45,245.51	31,375.70	59.05	40.95
	Humboldt	27,362.72	431.21	26,931.51	1.58	98.42
	Ishpeming	52,206.86	42,102.70	10,104.16	80.65	19.35
	Ishpeming City	494,457.04	201,973.50	292,483.54	40.85	59.15
	Marquette	19,826.39	11,270.11	8,556.28	56.84	43.16
	Marquette City	483,559.88	48,537.05	435,022.83	10.04	89.96
	Michigamme	33,263.54	422.02	32,841.52	1.27	98.73
	Negaunee	33,139.85	26,442.54	6,697.31	79.79	20.21
	Negaunee City	611,259.85	463,212.60	148,047.25	75.78	24.22
	Powell	59,442.33	3,358.21	56,084.12	5.65	94.35
	Republic	37,588.23	3,742.97	33,845.26	9.96	90.04
	Richmond	57,655.84	4,675.80	52,980.04	8.11	91.89
	Sands	11,421.66	6,496.73	4,924.93	56.88	43.12
	Skandia	24,725.08	10,718.94	14,006.14	43.35	56.65
	Tilden	111,708.36	23,901.48	87,806.88	21.40	78.60
	Turin	25,471.98	2,158.52	23,313.46	8.48	91.52
West Branch	17,546.86	2,165.00	15,381.86	12.34	87.66	
Total	2,322,666.52	929,033.44	1,393,633.08	40.00	60.00	
<u>Schoolcraft</u>	Doyle	20,786.22	73.22	20,713.00	.35	99.65
	Germfask	18,384.66	303.63	18,081.03	1.65	98.35
	Hiawatha	33,742.80	2,417.77	31,325.03	7.17	92.83
	Inwood	27,956.89	56.53	27,900.36	.20	99.80
	Manistique	14,983.56	7.55	14,976.01	.05	99.95
	Mueller	22,022.26	367.19	21,655.07	1.67	98.33
	Seney	24,552.58	7,980.21	16,572.37	32.50	67.50
	Thompson	10,385.50	12.00	10,373.50	.12	99.88
Total	172,814.47	11,218.10	161,596.37	6.49	93.51	

RECAPITULATION

Alger	County	464,003.03	143,524.39	320,478.64	30.09	69.91
Baraga	"	167,732.60	1,684.18	166,048.42	1.01	98.99
Chippewa	"	206,581.35	3,181.78	203,399.57	1.54	98.46
Delta	"	237,271.77	1,215.91	236,055.86	.51	99.49
Iron	"	666,369.85	29,657.87	636,711.98	4.45	95.55
Luce	"	248,287.06	77,478.21	170,808.85	31.21	68.79
Mackinac	"	124,681.29	226.29	124,455.00	.18	99.82
Marquette	"	2,322,666.52	929,033.44	1,393,633.08	40.00	60.00
Schoolcraft	"	172,814.47	11,218.10	161,596.37	6.49	93.51
Total		4,610,407.94	1,197,220.17	3,413,187.77	25.96	74.04

State of Wisconsin 452.90
 State of Minnesota 1929 Taxes Paid in 1930 197,119.19#
 Grand Total C.C.I.Co. & Associate Companies
 All Departments 1,394,792.26

#Figures furnished by Mining Department as approximately correct.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

ANNUAL DETAILED STATEMENT OF TAXES PAID - YEARS 1930 AND 1929.

DESCRIPTION	A C R E A G E		V A L U A T I O N				T A X E S P A I D			
	1930	1929	P E R A C R E		A M O U N T		P E R A C R E		A M O U N T	
			1930	1929	1930	1929	1930	1929	1930	1929
AuTrain Township	34,770.92	34,770.92	\$13.04	\$14.50	\$453,310.00	\$504,000.00	\$.301	\$.338	\$10,484.81	\$11,756.71
AuTrain Township (Lac La Belle)										
Charcoal Iron Company Lands	480.46	120.46	14.36	17.64	6,900.00	2,125.00	.332	.408	159.59	49.26
Burt Township	96,058.93	96,058.93	10.68	10.68	1,025,885.00	1,026,285.00	.509	.502	48,905.97	48,261.81
Grand Island Township	13,165.70	13,200.76	16.16	16.16	212,770.00	213,270.00	.262	.279	3,457.12	3,659.96
Grand Island - Personal					7,000.00	7,000.00			113.76	120.04
Limestone Township	2,190.55	2,190.55	3.53	3.53	7,740.00	7,740.00	.220	.170	455.08	371.68
Mathias "	10,027.38	10,067.38	9.12	9.39	91,450.00	94,550.00	.576	.565	5,772.13	5,685.52
Munising "	41,866.46	42,068.35	19.22	20.02	804,450.00	842,040.00	.994	1.019	41,591.83	42,861.42
Munising -Township (Lac La Belle)										
Charcoal Iron Company Lands		320.00		2.50		800.00		.127		40.70
Munising City					124,403.00	127,885.00			6,621.88	6,227.00
Munising City - Personal					7,700.00	7,700.00			401.48	375.45
Onota Township	20,752.64	20,752.64	12.74	12.87	264,300.00	267,000.00	.557	.554	11,554.60	11,489.04
Rock River Township	14,931.35	15,042.67	9.93	10.82	148,280.00	162,775.00	.600	.795	8,964.36	11,964.40
Baraga "	455.92	455.92	6.14	6.14	2,800.00	2,800.00	.370	.415	168.57	189.44
Covington "	38.35	40.00	19.56	18.75	750.00	750.00	.927	.932	35.56	37.27
Sparr "	120.00	120.00	5.00	5.00	600.00	600.00	.231	.262	27.69	31.45
Bay Mills "	640.00	680.00	6.72	6.62	4,300.00	4,500.00	.312	.360	199.71	244.25
Bruce "	120.00	120.00	2.50	2.50	300.00	300.00	.079	.073	9.45	8.83
Chippewa "	40.00	40.00	2.50	2.50	100.00	100.00	.178	.136	7.11	5.45
Hulbert "	211.26	211.26	18.49	18.49	3,900.00	3,900.00	.901	.961	190.08	202.75
Kinross "	166.56	166.56	7.21	7.79	1,200.00	1,300.00	.304	.279	50.66	46.43
Soo "	40.00	40.00	8.75	10.00	350.00	400.00	.290	.329	11.59	13.17
Superior "	4,176.63	4,176.63	9.13	12.83	38,150.00	53,590.00	.482	.640	2,013.17	2,672.89
Trout Lake "	448.30	448.30	6.08	6.18	2,720.00	2,770.00	.202	.192	90.60	85.91
Whitefish "	880.51	880.51	20.52	19.50	18,080.00	17,180.00	.692	.642	609.41	565.67
Baldwin "	3.46	3.46	28.90	28.90	100.00	100.00	2.419	1.873	8.37	6.48
Fairbanks "	2,936.78	2,936.78	4.93	4.93	14,475.00	14,475.00	.221	.242	647.95	710.15
Ford River "	40.00	40.00	2.50	2.50	100.00	100.00	.111	.110	4.55	4.50
Garden "	163.92	163.92	8.54	8.54	1,400.00	1,400.00	.409	.373	67.12	61.21
Maple Ridge "	920.00	920.00	2.64	2.64	2,430.00	2,430.00	.249	.291	229.11	267.97
Masonville "	658.60	658.60	3.60	3.60	2,375.00	2,375.00	.354	.380	233.05	250.53
Wells "	240.00	240.00	2.92	2.92	700.00	700.00	.107	.123	25.76	29.46
Crystal Falls "	80.00	80.00	2.50	2.50	200.00	200.00		.107	8.67	8.52
Mansfield "	115.22	115.22	56.41	56.41	6,500.00	6,500.00	5.083	5.658	585.60	651.90
Columbus "	43,463.07	43,463.07	14.43	15.14	627,070.00	657,860.00	.613	.605	26,633.19	26,273.45
McMillan "	88,811.70	88,811.70	15.07	16.92	1,338,003.39	1,502,891.05	.571	.542	50,741.44	48,171.32
Pentland "	839.00	839.00	3.81	3.81	3,200.00	3,200.00	.124	.117	103.58	98.35
Garfield "	40.00	40.00	8.75	8.75	350.00	350.00	.500	.501	19.97	20.03
Hendricks "	120.00	120.00	5.00	5.00	600.00	600.00	.354	.409	42.42	49.02
Hudson "	76.88	76.88	6.50	6.50	500.00	500.00	.456	.555	35.13	42.68
Moran "	200.00	200.00	3.25	3.25	650.00	650.00	.160	.160	31.91	31.92
Newton "	160.00	160.00	3.00	3.00	480.00	480.00	.207	.216	32.84	34.66
Portage "	277.00	277.00	4.33	4.51	1,200.00	1,250.00	.231	.270	64.02	74.61
Champion "	2,710.95	2,710.95	6.66	6.40	18,050.00	17,350.00	.333	.312	903.27	845.43
Choccolay "	8,174.90	8,174.90	4.58	4.60	37,410.00	37,585.00	.234	.230	1,909.88	1,881.70
Ely "	3,700.43	3,700.43	7.27	7.54	26,910.00	27,910.00	.265	.302	979.36	1,116.96

ANNUAL DETAILED STATEMENT OF TAXES PAID - YEARS 1930 AND 1929.

SHEET NO. 2.

DESCRIPTION	A C R E A G E		V A L U A T I O N				T A X E S P A I D			
	1930	1929	P E R A C R E		A M O U N T		P E R A C R E		A M O U N T	
			1930	1929	1930	1929	1930	1929	1930	1929
Forsyth Township	4,457.53	4,777.53	\$ 2.50	\$ 2.45	\$ 11,160.00	\$ 11,720.00	\$.097	\$.086	\$ 435.57	\$ 411.18
Ishpeming Township	6,585.44	6,585.44	5.61	5.65	36,955.00	37,182.50	.210	.210	1,382.33	1,381.51
Ishpeming City					109,510.00	109,284.00			4,309.27	4,145.81
Marquette Township	6,254.44	6,254.44	9.31	9.37	58,200.00	60,275.00	.242	.242	1,515.34	1,512.38
Marquette City					20,540.00	20,540.00			830.97	818.24
Michigamme Township	1,099.14	1,099.14	8.30	8.30	9,120.00	9,120.00	.389	.404	422.02	444.28
Negaunee "	4,284.20	4,244.20	10.09	10.53	43,200.00	44,700.00	.748	.682	3,204.00	2,894.84
Negaunee City					136,270.00	136,268.75			5,320.85	5,150.00
Negaunee Personal					500.00	700.00			19.53	26.46
Powell Township	8,147.86	8,147.86	13.78	14.51	112,250.00	118,200.00	.412	.429	3,358.21	3,497.25
Humboldt "	466.57	466.57	4.80	5.11	2,238.00	2,388.00	.325	.325	151.89	151.83
Republic "	2,612.40	2,612.40	5.51	6.00	14,380.00	15,650.00	.341	.346	890.44	903.53
Richmond "	5,676.99	5,676.99	6.19	6.11	35,110.00	34,710.00	.496	.559	2,816.61	3,171.92
Sands "	6,393.00	6,393.00	7.05	7.00	45,055.00	46,015.00	.313	.314	1,999.37	2,010.36
Skandia "	15,188.07	15,200.07	15.70	15.69	238,500.00	238,450.00	.693	.645	10,532.69	9,797.10
Tilden "	4,356.21	4,556.00	10.67	10.83	46,900.00	49,360.00	.416	.441	1,813.49	2,008.34
Turin "	7,044.77	7,084.77	4.44	4.42	31,250.00	31,950.00	.306	.293	2,158.52	2,078.41
West Branch "	2,226.37	2,226.37	19.81	20.35	44,100.00	45,000.00	.972	.878	2,165.00	1,975.33
Doyle "	440.00	440.00	2.50	3.18	1,100.00	1,400.00	.166	.157	73.22	69.25
Hiawatha "	6,780.81	7,484.66	9.65	10.05	65,390.00	75,230.00	.341	.272	2,310.91	2,036.58
Inwood "	175.78	175.78	6.20	6.20	1,100.00	1,090.00	.321	.294	56.53	51.84
Manistique "	80.00	80.00	2.50	3.00	200.00	240.00	.094	.096	7.55	7.64
Seney "	28,628.00	28,628.00	4.54	4.55	129,980.00	130,380.00	.264	.225	7,572.51	6,436.23
Thompson "	120.00	120.00	3.13	3.13	375.00	375.00	.100	.118	12.00	14.15
Lac La Belle (Hardwood Saw Timber)									744.45	785.00
TOTAL	506,331.41	507,956.97			\$6,503,524.39	\$6,850,494.30			\$279,306.67	\$279,376.81

89379.27

36224.59

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

ANNUAL DETAILED STATEMENT OF TAXES PAID - YEARS 1930 AND 1929.

	VALUATIONS		TAXES PAID	
	1930	1929	1930	1929
Charged to Operating Accounts:				
Land Department - General	\$5,995,406.39	\$6,221,205.97	\$257,157.05	\$253,076.29
Central Office Expense	15,000.00	15,000.00	585.62	566.82
Rented Buildings	54,360.00	55,860.00	2,659.24	2,408.47
Grand Island	19,950.00	19,950.00	324.18	341.93
Hotel Williams and Cottages	28,000.00	28,000.00	454.98	480.15
Retail Yard	7,000.00	5,000.00	364.98	244.50
TOTAL CHARGED TO OPERATIONS	6,119,716.39	6,345,015.97	261,546.05	257,118.16
Accounts Receivable:				
Farm Land Sales Receivable	7,500.00	12,350.00	432.00	766.66
Real Estate and Timber Land Sales Receivable	16,123.00	14,870.00	798.23	787.38
Lot Rents Receivable	3,000.00	3,000.00	117.15	113.38
Land Rents Receivable	64,925.00	59,035.00	2,551.82	2,310.48
Timber Sales Receivable	267,035.00	389,395.00	11,990.74	16,578.21
Jackson & Tindle, Inc.	-	1,603.33	-	68.88
Advance Industrial Supply Co.	25,225.00	25,225.00	1,870.68	1,633.66
TOTAL ACCOUNTS RECEIVABLE	383,808.00	505,478.33	17,760.62	22,258.65
GRAND TOTAL	\$6,503,524.39	\$6,850,494.30	\$279,306.67	\$279,376.81

ARCTIC IRON COMPANY

LAND DEPARTMENT

ANNUAL DETAILED STATEMENT OF TAXES PAID - YEARS 1930 AND 1929.

DESCRIPTION	A C R E A G E		V A L U A T I O N				T A X E S P A I D			
	1930	1929	P E R A C R E		A M O U N T		P E R A C R E		A M O U N T	
			1930	1929	1930	1929	1930	1929	1930	1929
Negaunee City	9.00	9.00	\$6,666.66	\$6,666.66	\$60,000.00	\$60,000.00	\$260.270	\$251.921	\$2,342.43	\$2,267.29
The Cleveland-Cliffs Iron Co. and Arctic	439.07	439.07	21.85	21.85	9,600.00	9,600.00	.854	.827	374.85	362.80
Negaunee Township										
The Cleveland-Cliffs Iron Co. and Arctic	381.14	381.14	5.00	5.00	1,900.00	1,900.00	.370	.323	141.04	123.02
Sands Township										
The Cleveland-Cliffs Iron Co. and Arctic	32.12	32.12	5.45	5.45	175.00	175.00	.242	.238	7.77	7.65
TOTAL	861.33	861.33			\$71,675.00	\$71,675.00			\$2,866.09	\$2,760.76

AMERICAN IRON MINING COMPANY

LAND DEPARTMENT

ANNUAL DETAILED STATEMENT OF TAXES PAID - YEARS 1930 AND 1929.

DESCRIPTION	A C R E A G E		V A L U A T I O N				T A X E S P A I D			
			P E R A C R E		A M O U N T		P E R A C R E		A M O U N T	
	1930	1929	1930	1929	1930	1929	1930	1929	1930	1929
Spurr Township	2,496.81	2,496.81	\$ 4.53	\$ 4.61	\$11,300.00	\$11,500.00	\$.209	\$.241	\$ 521.00	\$ 602.87

CAJ:MD-5.
1/24/31.

REPORT OF MR. R. A. BROTHERTON FOR YEAR 1930.

SURVEYS

Surveys were made of numerous lots, rights of way for roads and railroads, parcels of land and to obtain topography of various lands. These surveys were necessary to secure data to make descriptions for deeds, leases, taxes and 42 irons were placed at various section corners during the year.

MAPS

In the office it was necessary for the proper carrying on of our land work to make numerous maps, blueprints, negatives, etc. Following is a summary of the number of prints made:

	Blue and White Prints		Negatives		Plates
	Maps Made	Yds. Used	Maps Made	Yds. Used	14 x 17
January	77	42	18	16	166
February	72	54	12	12	78
March	86	43	36	16	80
April	54	50	22	12	32
May	51	56	16	12	52
June	51	48	4	6	24
July	65	47	12	12	18
August	102	74	18	14	42
September	90	60	30	22	26
October	44	34	4	4	15
November	64	50	12	9	36
December	42	36	10	8	30
TOTAL	798	594	194	143	599

TRANSMISSION LINE SURVEY

Part of January and February were spent in checking and relocating portion of the transmission line around Munising, also substation.

FOREST FIRES

1930 was a very dry year and many dangerous fires occurred mostly on pine plains, slashings and in Seney Swamp. We were fortunate in not having any fires in our timber land although 11 fires were on our land, mostly grass fires and causing no damage to standing timber. Railways caused seven of these fires while three were set from cigarettes and one from unknown cause. The total rainfall for this year, as will be

noted from the attached chart, was 26.86 inches as compared with 33.22 in 1929 and 40.1 in 1928.

INSECTS - GRAND ISLAND

During the first part of June it was noticed that Maple trees in the vicinity of the Farm on Grand Island and running Northerly for several miles were attacked by a small green worm and the trees defoliated. Specimens of the worm were sent to Professor S. A. Graham, at the University of Michigan, Ann Arbor, and he called them black, marked yellow looper and says that insects of this group can be controlled by dusting with an arsenical material during the feeding period of the larvae. A map is attached showing the area damaged.

LOGS - GRAND ISLAND

The terrific storm we had in October 1929 blew down a considerable number of White and Norway Pine in the vicinity of Trout Bay Cottages. The trees were cut up into logs and rafted to Munising where they were cut into lumber at Jackson & Tindle's Mill and the lumber placed into our Retail Yard.

White Pine	9,770 bd. ft.	-	75 logs
Norway Pine	43,730 " "	-	408 "
Total	53,500 " "	-	483 "

CONSTRUCTION - GRAND ISLAND AND MUNISING

The same storm referred to above, completely demolished our docks at Munising, Powell's Point, small dock at Williams Landing and also did considerable damage to the freight dock on the Island.

During May and June, these docks were rebuilt and repaired at the following cost:

Ottawa Dock Munising	\$ 220.31
Powell's Point Dock	180.12
Small dock Grand Island and repairs to Hotel Dock	128.22
Freight Dock Grand Island	540.75
Sidewalk Grand Island	178.15

Considerable saving in cost on these docks was effected by salvaging timbers from the shore.

MANNING'S REPORT

Considerable time was spent with Mr. Manning, taking him to various points of

interest in Upper Michigan, also in furnishing him with data, maps, etc., for use in his report of Upper Michigan.

LAND LOOKING

During October I examined about 4,880 acres of land in Luce County in Townships 48, 49 and 50, Range 12. These lands were all examined by various land lookers before and this examination was made as a check on previous estimates. Most of these lands were of little timber value and not worth paying taxes upon.

C. C. I. CO. SECOND ADDITION

Survey and complete plans were made of this proposed new Addition to the City of Negaunee during June and July and then all work was postponed until some future time. In November and December, at the request of the Mayor and Council, it was decided to go ahead with certain portions of this work. The work was done by local labor hired and paid for by the City, - seventy-five to eighty men were given three days work, then another crew of seventy-five to eighty were put on for three days, at the end of the three days the first crew would come on again for another three days. This work was done under my supervision as City Engineer and the cost of the street grading and 6" water main was borne by the City while the 24" storm sewer, 12" sanitary sewer and 3/4" service mains to lots were billed to the Company by the City. The cost of this work was as follows:

12" Sewer outlet for C.C.I.Co. 2nd Addition	\$2,843.95
24" " concrete for Maas Mine water	2,318.22
3/4" Service lines to lots (labor only)	533.95
Total Cost to Company	\$5,696.12
1800 ft. 6" C. I. Water Main	\$2,880.00
2100 " Grading on Baldwin Kiln Road	2,688.00
Total Cost borne by City	\$5,568.00
Total Cost of Improvement	\$11,264.12

SILICA SAND PROJECT ON MUNISING BAY

In March, soundings were taken to determine the best possible location for a dock, which was found to be off the shore near the center line of the E $\frac{1}{2}$ of NW $\frac{1}{4}$, Section 30-47-18. Surveys were then made and drill hole located, and three holes put down from the top of the sandstone ledge to the lake level. The result of this drilling was unsatisfactory, the material running too low in silica and carrying too high a percentage of iron. The drill was then moved to a new location on the NW $\frac{1}{4}$, Section 31-47-18, where

three more holes were drilled, giving better results.

Two tons of material were gathered in October and sent to the Hydrotator Company laboratory in Pennsylvania for further testing and washing and it is the intention to install a small plant in the spring on the ground to make further tests before going ahead with the project. Additional soundings will be taken this winter as soon as the Bay freezes over to determine the location and cost of a dock. A map is attached showing our ownership and location of drill holes.

U. S. EXPERIMENTAL STATION

The cutting this fall was done on the $S\frac{1}{2}$ of $N\frac{1}{2}$ of Section 35-46-23, 34 acres cut to 17 inch diameter breast-high. Figures are not available as the material has not been shipped and a detailed report will follow later.

The cuttings done during the fall of 1929 and shipped during February and March 1930 are as follows:

	<u>Feet</u>	<u>Amount</u>
Maple Logs	79,940	\$2,158.38
Soft Maple Logs	620	16.12
Birch Logs	9,310	251.37
Mine Stulls	12,237	256.58
	102,107	2,682.45
Total Operating Cost		1,235.95
Profit		\$1,446.50
Acres cut		32
Feet per acre		3,191
Net returns per acre		\$45.20

There were also 405 cords of wood recovered from broken and defective trees and tops. This parcel is shown on attached map marked Parcel 7 and in general, the selective logging idea was carried out, removing about one-half of the volume of the stand. The distinctive feature of this cutting scheme is the concentration of cutting on small groups of trees, amounting practically to a clear cutting on a number of scattered spots of a quarter to a half an acre in size. The remainder of the forest was cut lightly only to remove the most mature and defective trees. This system of cutting is described by the term "group selection".

LOGGING

Careful inspecting of all logging operations by the Lumbering Department was made during the year and a progress map showing the condition of each job is attached to

this report. These maps show the standing timber in green and the cut area in yellow.

OPERATION #119

The following amount of timber was cut on this operation before Camp 7 was torn down;

Saw Logs	211,998 feet	633
Furnace Logs	123,029 "	367
Total	335,027 "	
Area cut	47 acres	
Saw timber per acre	4,510 feet	

OPERATION #154

<u>SAW LOGS AND TIE CUTS:</u>		
Inventory, Dec. 31, 1930.	930,823 feet	
Shipments 1930	8,252,313 "	
Total	9,183,136 "	
Less inventory, Jan. 1, 1930	292,840 "	
Produced during 1930	8,890,296 "	✓ 437.
Area cut	1,345 acres	
Yield per acre	6,610 feet	✓
<u>CHEMICAL LOGS:</u>		
Inventory, Dec. 31, 1930.	1,159,334 feet	
Shipments 1930	10,531,931 "	
Total	11,691,265 "	
Less inventory, Jan. 1, 1930	None	
Produced during 1930	11,691,264 "	✓ 577.
Area cut	1,345 acres	
Yield per acre	8,692 feet	✓
<u>RETURNS:</u>		
Gross Returns (Logs, Tie Cuts, & Chemical Logs)	\$266,930.46	
Less total operating cost	128,052.95	
Profit	138,877.91	
Total Yield per acre all products	15,302 feet	✓
Total return per acre	\$103.25	
Saw Logs and Tie Cuts	43%	
Chemical Logs	57%	

OPERATION #159

<u>SAW LOGS AND TIE CUTS:</u>		
Inventory, Dec. 31, 1930	196,826 feet	
Shipments 1930	5,950,675 "	
Total	6,147,501 "	
Less inventory, Jan. 1, 1930	3,205 "	
Produced during 1930	6,144,296 "	✓
Area cut	1,444 acres	
Yield per acre	4,255 feet	

<u>CHEMICAL LOGS:</u>	
Inventory, Dec. 31, 1930	None
Shipments 1930	7,313,427 feet
Total	7,313,427 "
Less Inventory, Jan.1, 1930	181,435 "
Produced during 1930	7,131,992 "
Area cut	1,444 acres
Yield per acre	4,939 feet

<u>RETURNS:</u>	
Gross returns (Logs, Tie Cuts, & Chemical Logs)	\$172,530.71
Less total operating cost	78,612.85
Profit	\$ 93,917.86
Total Yield per acre	9,194 feet
Total return per acre	\$65.04
Saw Logs and Tie Cuts	46%
Chemical Logs	54%

COMPLETE OPERATION #167 - 1928 TO 1930

<u>SAW LOGS AND TIE CUTS:</u>	
Total Production	2,071,725 feet
Total Shipments	2,071,725 "
Area cut	740 acres
Yield per acre	2,799 feet

<u>CHEMICAL LOGS:</u>	
Total Production	4,074,138 feet
Total Shipments	4,074,138 "
Area cut	740 acres
Yield per acre	5,505 feet

<u>RETURNS:</u>	
Gross returns (Logs, Tie Cuts, & Chemical Logs)	\$ 68,169.11
Less total operating cost	36,076.65
Profit	\$ 32,092.46
Total Yield per acre	8,304 feet
Total returns per acre	\$43.37
Saw Logs and Tie Cuts	34%
Chemical Logs	66%

RAB:MD-2.
2/3/31.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

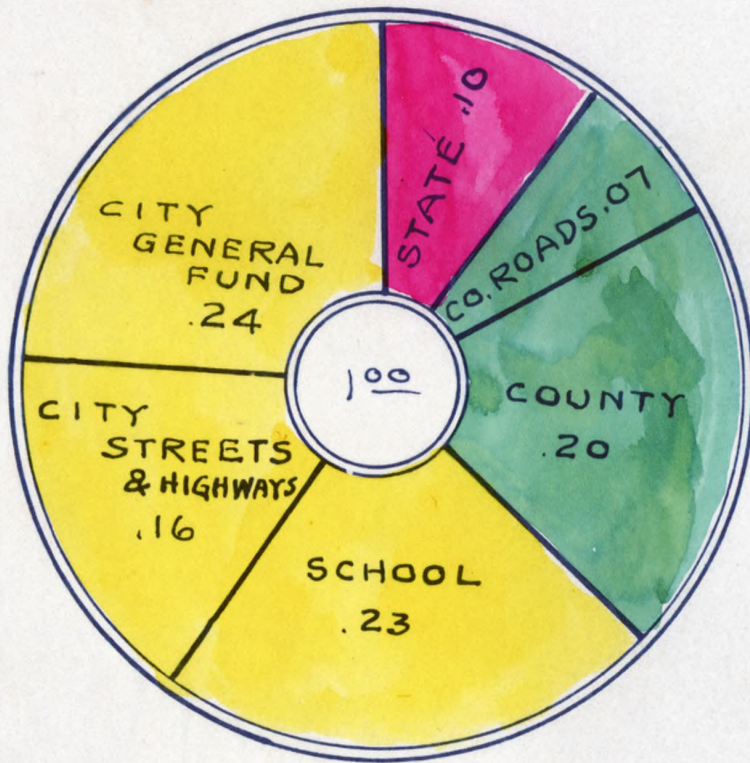
STATEMENT SHOWING DELIVERIES OF MAPLE, BIRCH AND BEECH SAW TIMBER, AND MAPLE, BIRCH AND BEECH MINE TIMBER, AND MAPLE, BIRCH AND BEECH TIES WITH TOTAL STUMPAGE RECOVERY FROM EACH FOR YEAR 1930.

SAW TIMBER	DELIVERIES			OPERATING COST & GENERAL EXPENSE		TOTAL RECOVERY	
	Quantity-Feet	Per M. Ft.	Amount	Per M. Ft.	Amount	Per M. Ft.	Amount
Maple, Birdseye Veneer	18,168	\$ 124.124	\$ 2,255.10	\$ 12.147	\$ 220.69	\$ 111.977	\$ 2,034.41
Maple Veneer, Plain	1,028	35.000	35.91	12.147	12.46	22.653	23.45
Maple Woodsrun	7,045,426	26.958	189,934.02	12.147	85,580.79	14.611	104,353.23
Total Maple	7,064,620	27.209	192,225.03	12.147	85,813.94	15.062	106,411.09
Birch Woodsrun	733,861	26.648	19,555.95	12.147	8,914.21	14.501	10,641.74
Birch Veneer	551,173	49.611	27,344.61	12.147	6,695.10	37.464	20,649.51
Total Birch	1,285,034	36.498	46,900.56	12.147	15,609.31	24.351	31,291.25
Beech	87,694	26.000	2,280.04	12.147	1,065.22	13.853	1,214.62
Grand Total Saw Timber	8,437,348	28.611	241,405.63	12.147	102,488.47	16.464	138,917.16
MINE TIMBER							
Maple	564,050	18.41	10,382.76	10.802	6,092.87	7.608	4,289.89
Birch	46,415	18.41	891.20	10.802	522.98	7.608	368.22
Beech	131,546	18.41	2,421.43	10.802	1,420.96	7.608	1,000.47
Total Mine Timber	744,011	18.41	13,695.39	10.802	8,036.81	7.608	5,658.58
HARDWOOD TIES							
159,168 pcs. @ 30 ft. per piece	4,775,040	28.613	136,626.90	18.541	88,531.55	10.072	48,095.35
Hardwood Slabs (5,631.41 cds.)	4,775,040	4.723	22,556.58	.754	3,602.36	3.969	18,954.22
Total	4,775,040	33.336	159,183.48	19.295	92,133.91	14.041	67,049.57
Grand Total Logs, Ties & Mine Timber	13,956,399	29.684	414,284.50	14.521	202,659.19	15.163	211,625.31

	SAW TIMBER	FEET	PERCENT
Maple	7,064,620	50.6	
Birch	1,285,034	9.2	
Beech	87,694	.6	
Total	8,437,348	60.4	
MINE TIMBER			
Maple	564,050	4.0	
Birch	46,415	.4	
Beech	131,546	.9	
Total	744,011	5.3	
Hardwood Ties	4,775,040	34.3	
Total	13,956,399	100.0	

SUMMARY YEARS 1927, 1928, 1929, AND 1930.

SAW TIMBER	SALES VALUE PER M FEET				OPERATING COST PER M FEET				TOTAL STUMPAGE RECOVERY PER M FEET			
	1930	1929	1928	1927	1930	1929	1928	1927	1930	1929	1928	1927
Maple	\$27.209	\$28.151	\$26.730	\$27.49	\$12.147	\$14.550	\$13.491	\$12.45	\$15.062	\$13.601	\$13.239	\$15.04
Birch	36.498	54.788	34.896	34.70	12.147	14.550	13.491	12.45	24.351	40.238	21.405	22.25
Beech	26.000	26.041	24.544	16.39	12.147	14.550	13.491	12.45	13.853	11.491	11.053	3.94
Total	28.611	32.200	28.432	27.82	12.147	14.550	13.491	12.45	16.464	17.650	14.941	15.37
MINE TIMBER												
Maple	18.41				10.802				7.608			
Birch	18.41				10.802				7.608			
Beech	18.41				10.802				7.608			
HARDWOOD TIES												
Hardwood Ties	28.613	28.147	28.185	28.21	18.541	20.942	18.932	16.955	10.072	7.205	9.253	11.26
Hardwood Slabs	4.723	4.905	5.184	5.21	.754	.810	.864	.72	3.969	4.095	4.320	4.49
Total	33.336	33.052	33.369	33.42	19.295	21.752	19.796	17.67	14.041	11.300	13.573	15.75
Grand Total	29.684	32.576	30.848	30.16	14.521	17.727	16.577	14.64	15.163	14.849	14.271	15.54



NEGAUNEE TAXES 1930

	AMT. PER 100% VAL.	% PAID TO EACH 100
STATE	.3742	.10
COUNTY ROADS	.2748	.07
COUNTY	.7825	.20
SCHOOL	.8904	.23
CITY STREET & HIGHWAY	.6324	.16
CITY. GEN. FUND	.9107	.24
TOTAL	3.8650	1.00

2

NEGAUNEE CITY TAXES

YEAR	ASSESSED VALUATION		TAXES RAISED, SHOWING PROPORTION FOR EACH FUND												
			STATE TAX		COUNTY TAX		COUNTY ROAD TAX		SCHOOL TAX AND 1 MILL		CITY HIGHWAY TAX		CITY GENERAL TAX		TOTAL
	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT
1910	6,231,860	32	18,991	21 12	37,936	32 23	9,133	09 6	46,231	86 28	15,579	65 09	35,278	24 22	163,150 37
1911	19,431,385	100	48,521	85 20	61,931	56 25	13,237	29 5	59,431	38 24	25,013	34 10	39,508	44 16	247,643 86
1912	18,468,890	95	40,740	60 17	47,489	82 19	14,880	15 6	63,468	89 26	41,873	02 17	35,509	42 15	243,961 90
1913	19,191,930	99	60,374	43 23	44,523	15 17	14,890	79 6	69,191	93 26	39,000	00 15	33,372	54 13	261,353 14
1914	16,528,080	85	31,981	31 14	44,532	23 19	14,048	02 6	56,528	08 24	25,000	00 11	60,023	63 26	232,113 27
1915	15,921,560	82	48,866	42 18	43,037	52 16	13,838	43 5	55,921	56 21	40,000	00 15	69,509	64 25	271,173 57
1916	15,716,170	81	32,524	90 12	45,354	98 17	20,669	79 8	55,716	17 20	40,000	00 15	76,749	50 28	271,015 34
1917	16,292,330	84	44,363	67 14	53,640	82 17	17,953	93 6	66,292	33 21	45,000	00 15	86,301	60 27	313,552 35
1918	17,948,290	92	44,407	86 13	56,502	55 16	19,835	69 6	67,948	29 19	60,000	00 17	103,960	61 29	352,654 40
1919	18,945,540	97	70,218	26 17	59,237	16 14	36,872	65 9	78,945	54 19	60,000	00 15	106,125	59 26	411,399 20
1920	19,032,159	98	69,371	97 15	62,263	21 14	37,547	95 8	114,032	16 25	60,000	00 14	106,632	59 24	449,847 88
1921	20,626,781	106	71,175	65 14	70,660	04 14	59,936	99 12	115,626	78 24	70,000	00 14	106,019	24 22	493,418 70
1922	20,771,217	107	62,253	27 13	77,254	16 16	61,473	27 13	105,771	22 20	70,000	00 14	116,399	46 24	493,151 38
1923	21,094,292	108	57,830	80 11	97,943	70 19	63,175	34 12	105,994	33 21	70,000	00 14	118,019	41 23	512,963 58
1924	21,138,706	109	47,876	16 9	83,212	30 16	63,155	54 12	116,138	70 22	90,000	00 17	138,000	99 24	538,383 69
1925	20,408,573	105	54,603	53 10	84,590	73 16	51,313	00 10	115,462	67 22	90,000	00 17	138,006	03 25	533,975 96
1926	18,499,659	95	47,562	65 08	99,810	62 17	48,455	90 09	120,499	65 20	100,000	00 17	171,001	86 29	587,330 68
1927	18,024,670	93	61,503	39 10	93,859	51 17	43,276	49 07	120,024	67 20	100,000	00 17	171,022	65 29	589,686 71
1928	16,900,286	87	46,682	10 08	91,988	47 16	46,487	82 09	124,900	29 22	100,000	00 17	161,025	19 28	571,083 87
1929	16,056,390	83	61,177	39 10	108,117	92 18	46,334	48 08	124,056	39 21	100,000	00 16	161,018	45 27	500,704 68
1930	15,813,779	81	59,182	25 10	123,799	75 20	43,452	51 07	140,813	78 23	100,000	00 16	144,001	56 24	611,259 85

3

NEGAUNEE CITY TAXES

NOTE - IN 1911 AND EVERY YEAR SINCE MINE VALUES ARE PLACED BY THE TAX COMMISSION - IN 1913 OTHER PROPERTY VALUED BY THE TAX COMMISSION BUT NO REASSESSMENT BY THEM SINCE.

Remarks: The year 1911 was the first year values were placed by Michigan State Tax Commission.

RATES PER \$100.00 AND PER CENT, USING 1911 AS A BASIS.

YEAR	STATE TAX		COUNTY TAX		COUNTY ROAD TAX		SCHOOL & 1 MILL TAX		CITY HIGHWAY TAX		CITY GENERAL TAX		TOTAL	
	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%
1910	.3050	122	.6090	191	.1460	214	.7420	242	.2500	195	.5660	279	2.618	205
1911	.2497	100	.3187	100	.0682	100	.3060	100	.1284	100	.2030	100	1.274	100
1912	.2206	88	.2570	81	.0806	118	.3437	112	.2267	177	.1924	95	1.321	103
1913	.3145	126	.2320	73	.0776	114	.3605	118	.2032	158	.1742	86	1.362	107
1914	.1935	77	.2695	85	.0850	124	.3420	112	.1510	117	.3630	179	1.404	110
1915	.3068	123	.2703	85	.0869	127	.3510	115	.2510	195	.4370	215	1.703	133
1916	.2070	83	.2885	90	.1315	192	.3545	116	.2545	198	.4880	240	1.724	135
1917	.2722	109	.3292	103	.1102	161	.4070	133	.2764	215	.5300	261	1.925	151
1918	.2474	99	.3148	99	.1105	161	.3786	124	.3343	260	.5794	285	1.965	154
1919	.3705	148	.3125	98	.1946	284	.4167	136	.3167	247	.5600	276	2.171	170
1920	.3645	146	.3271	103	.1973	289	.6000	196	.3152	245	.5599	276	2.364	185
1921	.3450	138	.3426	107	.2906	425	.5606	183	.3394	264	.5138	253	2.392	188
1922	.2997	120	.3719	116	.2960	434	.5093	166	.3371	262	.5580	275	2.372	186
1923	.2741	109	.4643	145	.2995	439	.5030	164	.3318	258	.5593	276	2.432	191
1924	.2265	91	.3937	124	.2990	439	.5495	179	.4258	331	.6525	321	2.547	200
1925	.2675	107	.4145	130	.2515	368	.5655	185	.4410	344	.6760	333	2.616	205
1926	.2571	103	.5396	169	.2620	384	.6514	213	.5406	420	.9243	455	3.175	249
1927	.3413	137	.5208	164	.2400	352	.6660	218	.5550	432	.9489	467	3.272	257
1928	.2762	110	.5442	171	.2750	403	.7390	241	.5916	461	.9527	469	3.379	265
1929	.3810	153	.6734	211	.2886	423	.7726	252	.6228	485	1.0026	494	3.741	294
1930	.3742	150	.7825	246	.2748	403	.8904	291	.6324	493	.9107	449	3.865	303



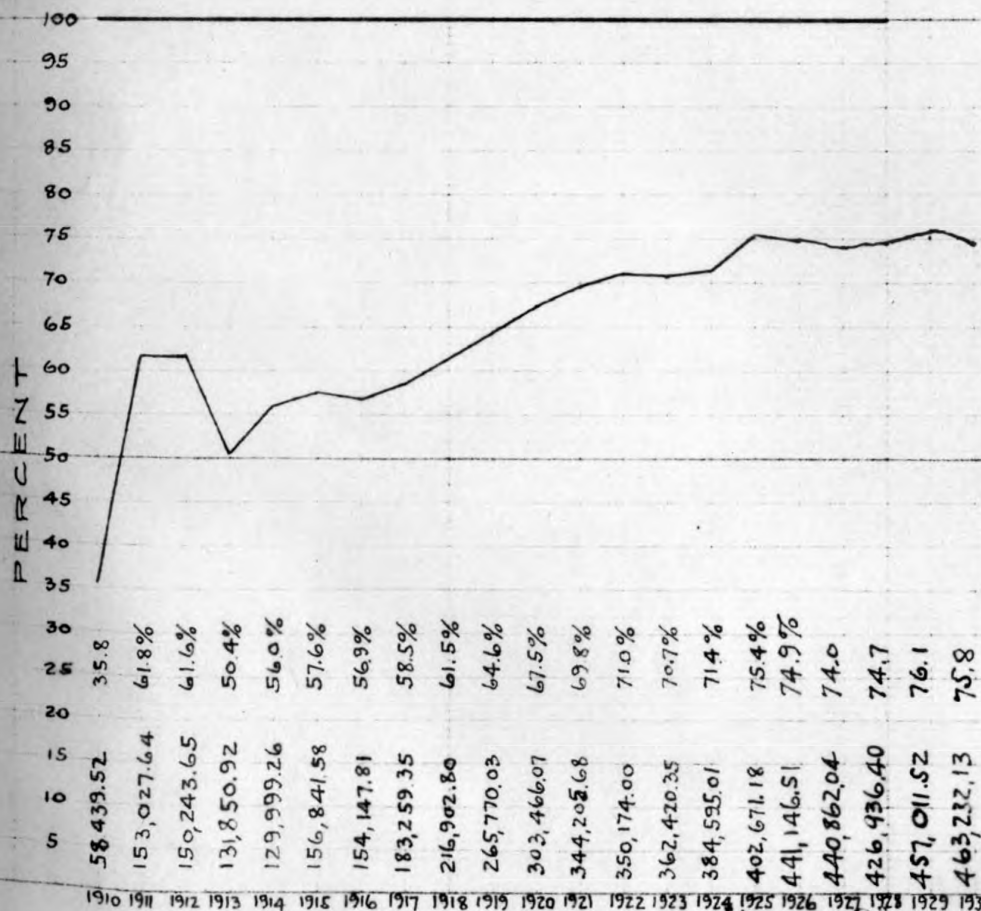
NEGAUNEE CITY TAXES

YEAR	AMOUNT AND PROPORTION PAID BY THE CLEVELAND CLIFFS IRON COMPANY														
	THE C.C.I.CO.		NEGAUNEE MINE		ATHENS MINE		TOTAL MINE DEPT			LAND DEPT		TOTAL C.C.I.CO.			% PAID
	AMOUNT		AMOUNT		AMOUNT		AMOUNT		%	AMOUNT		AMOUNT		%	1911 BASIS
1910	22 677	11	32082	84			54 759	95	33.6	3 679	57	58 439	52	35.8	38%
1911	63 371	96	75 504	03	7 612	88	150 488	87	60.8	2 538	77	153 027	64	61.8	100%
1912	65 419	59	75 344	67	7 703	91	148 468	17	60.8	1 775	48	150 243	65	61.6	98%
1913	50 287	77	67 993	26	10 649	89	128 930	92	49.3	2 920	00	131 850	92	50.4	86%
1914	49 122	01	67 891	20	9 227	00	126 240	21	54.4	3 759	05	129 999	26	56.0	85%
1915	58 772	14	78 968	25	13 353	20	151 093	59	55.7	5 747	99	156 841	58	57.6	102%
1916	58 028	49	76 953	76	13 532	15	148 514	40	54.8	5 633	41	154 147	81	56.9	101%
1917	64 520	46	98 003	94	15 274	32	177 798	72	56.7	5 460	63	183 259	35	58.5	120%
1918	74 177	06	119 425	26	15 456	19	209 058	51	59.3	7 844	29	216 902	80	61.5	142%
1919	86 018	78	149 583	85	23 761	64	259 364	27	63.1	6 405	76	265 770	03	64.6	174%
1920	93 512	90	162 621	64	38 802	96	294 937	40	65.5	8 528	67	303 466	07	67.5	198%
1921	91 708	18	169 627	32	69 284	09	330 619	59	67.0	13 586	09	344 205	68	69.8	225%
1922	89 227	06	168 379	92	82 206	82	339 813	80	67.0	10 360	20	350 174	00	71.0	229%
1923	94 275	98	178 234	31	79 320	10	351 830	39	68.6	10 589	96	362 420	35	70.7	237%
1924	100 738	24	182 329	00	90 587	69	373 654	93	69.4	10 940	08	384 595	01	71.4	251%
1925	120 407	97	182 488	73	90 291	62	393 188	32	73.6	9 482	86	402 671	18	75.4	263%
1926	127 808	65	197 766	68	104 367	01	429 942	34	72.5	11 204	17	441 146	51	74.9	288%
1927	125 212	97	202 405	02	101 927	80	429 545	79	72.1	11 316	25	440 862	04	74.0	288%
1928	124 937	56	193 546	02	96 812	30	415 295	88	72.7	11 643	52	426 936	40	74.7	279%
1929	146 585	15	199 695	33	97 739	13	444 019	61	73.9	12 991	91	457 011	52	76.1	299%
1930	163 994	34	190 689	79	95 122	50	449 806	63	72.9	13 425	50	463 232	13	75.8	303%

NEGAUNEE CITY TAXES

5

CHART SHOWING THE PERCENT OF THE TOTAL AMOUNT OF TAXES RAISED PAID BY C.C.I.CO.



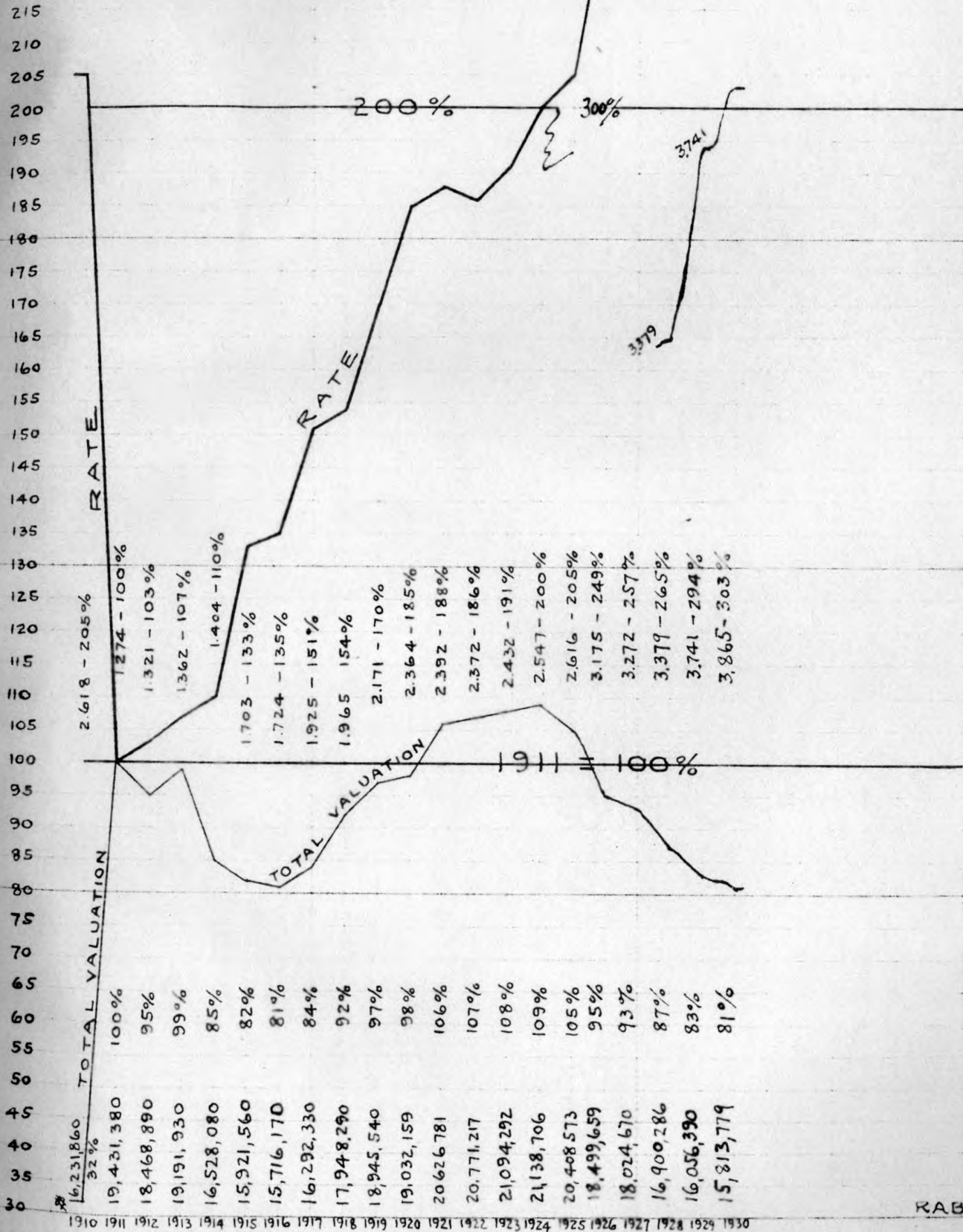
THE FREDERICK POST CO. JACKSON PROFILE PLATE

R.A.B.

NEGAUNEE CITY TAXES

6

CHART SHOWING TOTAL VALUATION AND RATE - PERCENTAGES USING 1911 AS A BASE.



RAB.

NEGAUNEE CITY TAXES.

7

STATE TAX

CHART SHOWING RATE PERCENT OF TOTAL TAX PAID

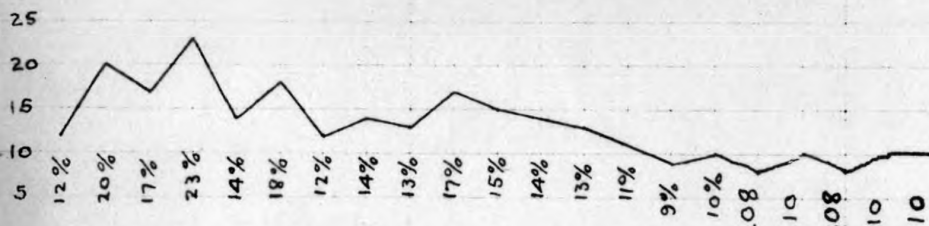
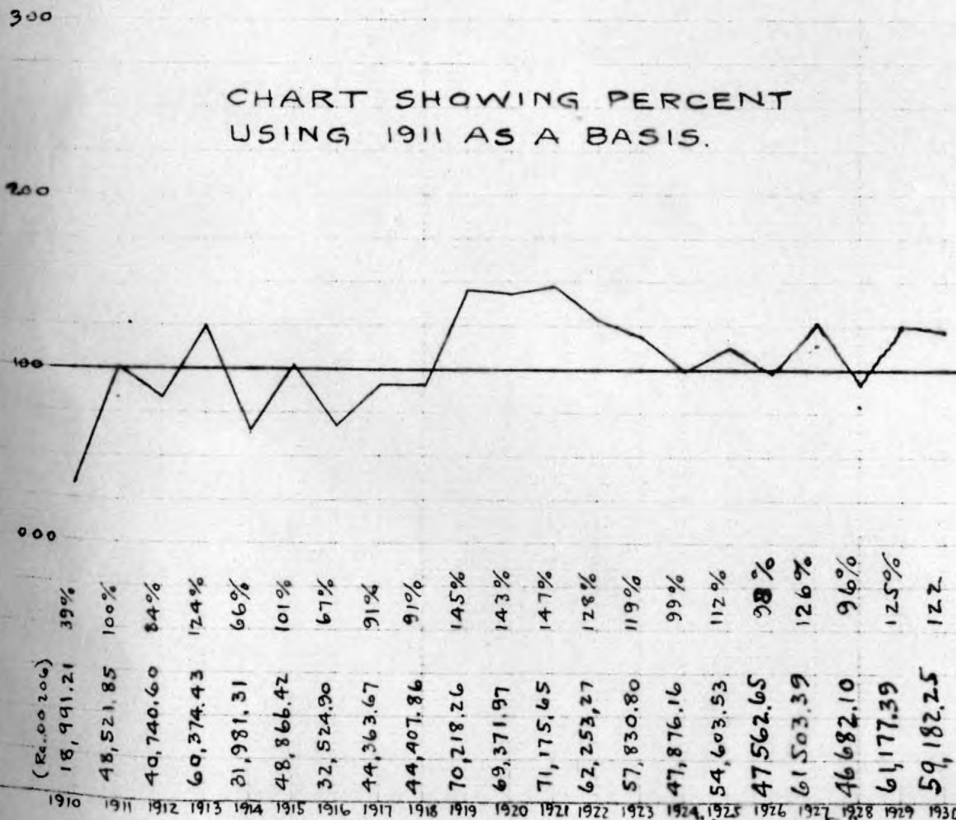


CHART SHOWING PERCENT USING 1911 AS A BASIS.



RAB.

THE FREDERICK POST CO. NEGATIVE PLATE A