

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

VALUATIONS OF MANUFACTURING SITES

CITY OF MUNISING

	1927	1928
The Munising Paper Company		
Site	\$ 950,000.00	\$ 950,000.00
Personal	289,000.00	420,000.00
The Cleveland-Cliffs Iron Company		
Sawmill		
Site	25,000.00	27,500.00
Personal	136,000.00	12,000.00
Other Property		
Real Estate	100,320.00	103,270.00
Personal	13,700.00	900.00
Total - The Cleveland-Cliffs Iron Company	275,020.00	143,670.00
The Munising Woodenware Company		
Site	145,000.00	140,000.00
Personal	68,000.00	85,000.00
Jackson & Tindle		
Site	70,000.00	65,000.00
Personal	119,000.00	140,000.00
First National Bank		
Site	29,000.00	29,000.00
Personal	158,100.00	175,000.00
Peoples State Bank		
Site	9,500.00	9,500.00
Personal	25,000.00	27,500.00
Michigan Gas & Electric Company		
Site	26,000.00	30,000.00
Personal	40,000.00	40,000.00
<b>TOTAL SITES</b>	<b>1,354,820.00</b>	<b>1,354,270.00</b>
<b>PERSONAL</b>	<b>848,700.00</b>	<b>900,400.00</b>
<b>TOTAL</b>	<b>2,203,520.00</b>	<b>2,254,670.00</b>
<b>Total Valuation - City of Munising</b>		
Real	2,561,990.00	2,589,960.00
Personal	1,073,510.00	1,120,230.00
<b>Total</b>	<b>3,635,500.00</b>	<b>3,710,190.00</b>
<b>Taxes - State</b>	10,136.83	8,694.23
County	30,169.22	31,706.86
City	60,000.00	60,000.00
School	84,494.40	83,709.11
<b>Total</b>	<b>184,800.45</b>	<b>184,110.20</b>

VALUATIONS OF MANUFACTURING SITES  
CITY OF MUNISING

Sheet No. 2

	1927	1928
Tax Rate Per \$100.00 Valuation	5.085	4.963
Amount Paid by Above Industries	112,007.55	111,939.00
Amount Paid by Others	72,792.90	72,171.20
Percent Paid by Above Industries	.606	.608
Percent Paid by Others	.394	.392
The Munising Paper Company	.340	.369
The C.C.I.Co. Sawmill	.044	.011
The C.C.I.Co. Other Property	.033	.028
Total C.C.I.Co.	.077	.039
The Munising Woodenware	.058	.061
Jackson & Tindle	.052	.055
First National Bank	.052	.055
Peoples State Bank	.009	.010
Michigan Gas & Electric Co.	.018	.019
	.606	.608

OMC:MD-2.  
2/15/29.



THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES

<u>AuTRAIN TOWNSHIP</u>	1927	1928
State	3,550.90	2,804.20
County	10,568.20	10,226.61
Township	2,000.00	1,500.00
Road Repair	2,000.00	1,500.00
Highway Improvement	2,000.00	1,500.00
School	9,000.00	9,000.00
<b>Total</b>	<b>29,119.10</b>	<b>26,530.81</b>
<b>Total Township Taxes Only</b>	<b>15,000.00</b>	<b>13,500.00</b>
 <u>BURT TOWNSHIP</u>		
State	4,623.88	3,748.63
County	13,761.59	13,670.82
Township	4,000.00	4,000.00
Road Repair	7,700.80	7,803.68
Highway Improvement	7,700.80	7,803.68
Indebtedness	9,000.00	
Bridge	2,000.00	
School	25,000.00	20,000.00
Forest Fire	1,200.00	1,000.00
Bond & Interest		13,000.00
<b>Total</b>	<b>74,987.07</b>	<b>71,026.81</b>
<b>Total Township Taxes Only</b>	<b>56,601.60</b>	<b>53,607.36</b>
 <u>GRAND ISLAND TOWNSHIP</u>		
State	726.26	590.26
County	2,161.50	2,152.60
Township	300.00	200.00
School	1,350.00	1,400.00
Library	50.00	50.00
<b>Total</b>	<b>4,587.76</b>	<b>4,392.86</b>
<b>Total Township Taxes Only</b>	<b>1,700.00</b>	<b>1,650.00</b>
 <u>LIMESTONE TOWNSHIP</u>		
State	2,243.43	1,733.37
County	6,676.91	6,321.41
Township	3,000.00	3,500.00
Highway Improvement	4,207.00	3,750.00
Highway Repair	4,207.00	3,750.00

ALGER COUNTY TAXES

Sheet No. 2

	1927	1928
Bridge	1,000.00	
Indebtedness	1,000.00	
Bond & Interest	3,500.00	
School	23,500.00	18,000.00
Buildings & Repairs	500.00	500.00
<b>Total</b>	<b>49,834.34</b>	<b>37,554.78</b>
<b>Total Township Taxes Only</b>	<b>40,914.00</b>	<b>29,500.00</b>
<u>MATHIAS TOWNSHIP</u>		
State	1,870.25	1,414.08
County	5,566.25	5,157.00
Contingent	1,800.00	1,600.00
Highway Improvement	1,572.18	2,100.00
Highway Repair	3,144.37	3,000.00
School	15,000.00	14,000.00
Bridge	300.00	
<b>Total</b>	<b>29,253.05</b>	<b>27,271.08</b>
<b>Total Township Taxes Only</b>	<b>21,816.55</b>	<b>20,700.00</b>
<u>CITY OF MUNISING</u>		
State	10,136.83	8,694.23
County	30,169.22	31,706.86
City	60,000.00	60,000.00
School	84,494.40	83,709.11
<b>Total</b>	<b>184,800.45</b>	<b>184,110.20</b>
<b>Total City Taxes Only</b>	<b>144,494.40</b>	<b>143,709.11</b>
<u>MUNISING TOWNSHIP</u>		
State	4,552.53	3,635.01
County	13,549.23	13,256.48
Township	4,000.00	4,000.00
Highway Improvement	6,500.00	7,500.00
Road Repair	6,500.00	7,500.00
School	35,505.20	34,290.89
<b>Total</b>	<b>70,606.96</b>	<b>70,182.38</b>
<b>Total Township Taxes Only</b>	<b>52,505.20</b>	<b>53,290.89</b>
<u>ONOTA TOWNSHIP</u>		
State	2,926.15	2,048.09
County	8,708.80	7,469.17
Township	4,000.00	4,000.00
Highway Improvement	5,644.37	2,430.00
Highway Repair	5,644.37	4,315.88



ALGER COUNTY TAXES

Sheet No. 3.

	1927	1928
School	25,000.00	14,500.00
Bridge	3,500.00	
Bond & Interest	9,000.00	6,000.00
<b>Total</b>	<b>64,423.69</b>	<b>40,763.14</b>
<b>Total Township Taxes Only</b>	<b>52,788.74</b>	<b>31,245.88</b>
<u>ROCK RIVER TOWNSHIP</u>		
State	2,868.86	1,532.56
County	8,538.30	5,589.05
Township	4,000.00	4,000.00
Highway Improvement	2,414.45	3,332.58
Road Repair	4,828.90	3,332.57
School	25,000.00	27,000.00
Bridge	500.00	
<b>Total</b>	<b>48,150.51</b>	<b>44,786.76</b>
<b>Total Township Taxes Only</b>	<b>36,743.35</b>	<b>37,665.15</b>
<u>GRAND TOTAL ALGER COUNTY</u>	<b>555,762.93</b>	<b>506,618.82</b>

OMC: EN-2  
1/30/29

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES.

City or Township	1927			1928		
	Valuation	Tax	Rate %	Valuation	Tax	Rate %
AuTrain	1,187,650.00	29,119.00	2.46	1,172,480.00	26,530.81	2.27
Burt	1,540,160.00	74,987.07	4.88	1,567,360.00	71,026.81	4.56
Grand Island	246,735.00	4,587.76	1.87	246,795.00	4,392.86	1.78
Limestone	751,025.00	49,834.34	6.64	724,750.00	37,554.78	5.20
Mathias	625,875.00	29,253.05	4.77	591,250.00	27,271.08	4.63
Munising	1,527,652.00	70,606.96	4.60	1,519,855.00	70,182.38	4.63
Munising City	3,635,500.00	184,800.45	5.10	3,710,190.00	184,110.20	4.96
Onota	974,075.00	64,423.69	7.39	856,340.00	40,763.14	4.76
Rock River	965,780.00	48,150.51	7.29	640,785.00	44,786.76	6.99
<b>TOTAL</b>	<b>11,457,452.00</b>	<b>555,762.93</b>	<b>4.85</b>	<b>11,029,805.00</b>	<b>506,618.82</b>	<b>4.59</b>
Marquette County	63,160,173.00	2,244,866.16	3.55½	60,347,000.00	2,194,989.90	3.64
Baraga "	9,251,830.00	515,957.67	5.57	9,130,670.00	519,574.94	5.69
Luce "	8,409,566.00	312,200.65	3.71	8,038,340.00	276,215.49	3.44

OMC: EN-2  
1/30/29



BOARD OF EDUCATION

City of Munising

COMPARISON OF MUNISING BOARD OF EDUCATION BUDGET

	1924	1925	1926
Retirement Bonds	33,400.00	32,200.00	
Interest on Bonds			31,000.00
Primary	40,000.00	41,145.00	46,360.00
Janitors	8,500.00	7,500.00	9,560.00
Transportation	5,500.00	5,000.00	5,000.00
General	20,000.00		
Library	500.00		2,000.00
Books & Supplies	3,500.00	4,000.00	4,150.00
Building & Repairs	4,000.00	755.00	4,200.00
Furniture & Fixtures	1,100.00	1,200.00	2,300.00
Cleaning Schools	600.00	500.00	1,000.00
Sundries	4,000.00	9,000.00#	13,730.00
Loans at Bank	30,000.00		
Lights	1,500.00	1,500.00	1,800.00
Fuel	7,500.00	4,500.00	5,000.00
Freight - Drayage - Exp.	300.00	500.00	
Yards & Grounds	5,000.00		1,000.00
Water		500.00	900.00
Washington School		21,700.00	
	165,400.00	130,000.00	128,000.00

# Includes \$5,000.00 for insurance premiums

OMC:BE 0-2  
2/11/29

BOARD OF EDUCATION  
City of Munising

Comparison of Munising Board of Education Budget.

	<u>1927-1928</u>	<u>1928-1929</u>
<u>General Control</u>		
School Elections	\$ 40.00	\$ 65.00
Finance - Office & Accounts	200.00	200.00
Legal Services	100.00	100.00
Other Expenses	600.00	400.00
<u>Educational Administration</u>		
Office of Superintendent	6,000.00	6,220.00
Census & Law Enforcement	175.00	150.00
Other Expense	500.00	600.00
<u>Expense of Instruction (Day Schools)</u>		
Principals	3,100.00	3,200.00
Other Expense - Office	200.00	200.00
Other Expense - Supervision	200.00	200.00
<u>Teaching</u>		
Salaries - A	15,150.00	15,100.00
Salaries - B	47,250.00	47,800.00
Textbooks	1,800.00	2,000.00
Other Expense of Instruction	2,000.00	2,000.00
"      "      "      "	1,000.00	1,000.00
Expense of Instruction (Night Schools)	500.00	405.00
<u>Co-ordinate Activities</u>		
Medical Inspection	1,550.00	1,550.00
<u>Auxiliary Agencies</u>		
Library - Exclude books	1,000.00	1,000.00
Books	1,000.00	1,500.00
Transportation	5,000.00	4,500.00
<u>Operation of School Plant</u>		
Wages - Janitor, etc.	9,560.00	9,620.00
Fuel	5,200.00	5,200.00
Water	750.00	750.00
Light & Power	1,600.00	1,700.00
Janitors Supplies	1,000.00	1,400.00
Other Expense	1,000.00	500.00
<u>Fixed Charges</u>		
Insurance	5,000.00	4,000.00
<u>Maintenance Plant</u>		
Repairs - Building Etc.	1,500.00	1,500.00
Repairs - Equipment	1,800.00	2,000.00



Comparison of Munising Board of Education Budget

	1927-1928	1928-1929
<u>Capital Outlay</u>		
Alteration Old Buildings	\$ 500.00	
Equipment - New	1,000.00	
Land		\$ 500.00
New Buildings		3,000.00
Equipment - Old Buildings		2,000.00
<u>Debt Service</u>		
Redemption Bonds	20,000.00	20,000.00
Interest on Bonds	9,900.00	8,800.00
Interest - Temporary Loans	100.00	
Refunds (Tax & Tuition)		100.00
<u>TOTAL</u>	<u>146,325.00</u>	<u>149,260.00</u>
Less Primary & Miscellaneous	26,325.00	31,260.00
Amount to be raised	120,000.00	118,000.00

OMC:EN-2  
2/12/29

REPORT OF MR. R. A. BROTHERTON FOR YEAR 1928

SURVEYS

Surveys were made of numerous lots and parcels of land in Negaunee, Ishpeming, Marquette, and Log Operation #159, to get the required description and acreage necessary to make up deeds and leases, and placing iron boundary corners. In the office it was necessary for the proper carrying on of our land work to make numerous maps and also blueprints, negatives, etc. Following is a summary of the number of prints made:

	<u>Blue and White Prints</u>		<u>Negatives</u>		<u>Plates</u>
	<u>Maps Made</u>	<u>Yds. Used</u>	<u>Maps Made</u>	<u>Yds. Used</u>	<u>14 x 17</u>
January	71	42	30	20	140
February	70	48	24	20	60
March	90	76	20	10	
April	110	82	5	2	140
May	64	56	22	16	
June	32	20	12	24	
July	48	40	10	8	
August	68	52	3	2	
September	40	20	5	3	160
October	36	20	1	1	120
November	12	8	0	0	
December	80	72	2	1	26
TOTAL	721	536	134	107	646

CONSTRUCTION - C.C.I.CO. ADDITION - NEGAUNEE

Considerable surveying was done in order to set the monuments required for the recorded plat and grades given for the street and sidewalk work. Six drawings were made of the plat to be recorded and photoprint of same is attached to this report.

FOREST FIRES

1927 and 1928 were both very wet years and very few forest fires occurred, none were found on our land. The total rainfall for this year, as will be noted from the attached chart, was 40.1 inches as compared with 30.86 inches in 1927 and 35.81 in 1926.



LOGGING

Careful inspections of all log jobs operated by the Lumbering Department were made during the year and a progress map of each job is attached to this report. These maps show the standing timber in green, partial cut land in red and the cut area in yellow.

OPERATION #114

This is the old Woodenware operation and cuttings this year were in the nature of a clean-up of the area operated in Sections 1, 11, 12, and 14-46-18.

Logs Removed	473,752 feet
Tie Cuts	559,530 "
Chemical Logs	718,329 "
Area cut	230 acres

OPERATION #119

Only Camp 7 is being operated on this job and the following amount of timber was removed during the year:

Logs Removed	1,877,078 feet
Tie Cuts	1,686,000 "
Chemical Logs	3,533,882 "
Cordwood	9,144,875 cds.
Area cut	790 acres

The following is a complete statement of this job since it started:

<u>Total Acreage-10,423</u>		<u>Saw Logs</u>	<u>Saw Logs</u>	<u>Saw Logs</u>	<u>Saw Logs</u>
<u>Material</u>		<u>Timber</u>	<u>Timber Remaining</u>	<u>Total</u>	<u>Original Land</u>
		<u>Removed</u>	<u>Land Lookers Est.</u>		<u>Lookers Est.</u>
Maple	Ft.	19,923,156	2,758,500	22,681,656	26,575,000
Birch	"	4,414,943	1,263,000	5,677,943	5,735,000
Basswood	"	115,002	4,750	119,752	15,000
Beech	"	3,574,848	159,000	3,733,848	3,770,000
Ash	"	138,393	176,000	314,393	245,000
Elm	"	566,438	685,000	1,251,438	963,000
Tie Cuts	"	4,204,440		4,204,440	
<b>Total Hardwood</b>	<b>"</b>	<b>32,937,220</b>	<b>5,046,250</b>	<b>37,983,470</b>	<b>37,303,000</b>
Hemlock	"	6,291,049	2,449,500	8,740,549	7,334,000
White Pine	"	490,692	55,500	546,192	206,500
Spruce	"	201,380	15,000	216,380	33,000
Balsam	"	30,114	24,000	54,114	60,000
Tamarack	"	46,193	5,000	51,193	414,000
Cedar	"	277,871	256,000	533,871	380,000
Tie Cuts	"	326,310		326,310	
<b>Total Softwood</b>	<b>"</b>	<b>7,663,609</b>	<b>2,805,000</b>	<b>10,468,609</b>	<b>8,427,500</b>
<b>Total Logs</b>	<b>"</b>	<b>40,600,829</b>	<b>7,851,250</b>	<b>48,452,079</b>	<b>45,730,500</b>
<b>" Avg.per A."</b>	<b>"</b>	<b>3,895</b>	<b>753</b>	<b>4,648</b>	<b>4,387</b>
<u>Miscl. Products:</u>					
Cedar Ties	Pcs.	6,109	13,013	19,122	21,750
Hemlock Ties	"	6,351	6,244	12,595	25
Tamarack Ties	"	2,271	252	2,523	14,600
<b>Total Ties</b>	<b>"</b>	<b>14,731</b>	<b>19,509</b>	<b>34,240</b>	<b>36,375</b>

<u>Material</u>		<u>Timber Removed</u>	<u>Timber Remaining Land Lookers Est.</u>	<u>Total</u>	<u>Original Land Lookers Est.</u>
Cedar Cuts 9"	Pcs.	2,733			
" " 7"-9"	"	413			
Total Cuts	"	3,146			
Cedar Posts	"	15,350	57,375	72,727	46,100
" Poles	"	329	1,685	2,014	3,815
Spruce Pulp	Cds.	775.73	817	1,592.73	835
Balsam "	"		919	919.00	1,175
Hemlock "	"	94.96	135	229.96	207
Tamarack "	"		151	151.00	1,995
Total Pulp	"	870.69	2,022	2,892.69	4,212
Hardwood	Cds.	28,184	25,330	53,514	176,750
Hemlock Bark	"	495	795	1,290	3,631
Stulls	Lin.Ft.	279,041			
Trestle Legs	"	1,010			
Spruce Poles	Pcs.	380			

Total Acres	10,423
Total Acres Swamp Area	1,514
Total Acres Standing Timber Left	660
Total Acres Cut	8,249
Total Saw Logs Removed	40,600,829
Yield per Acre Saw Logs	4,922
" " " " " on total Acreage	3,895
Total Chemical Logs Removed	60,965,116
Yield per Acre Chemical Logs	7,390
" " " " " on Total Acreage	5,849
Total Yield per Acre on Area Cut	12,312
" " " " " Total Acreage	9,744
Saw Logs 40% Chemical Logs 60%	

OPERATION #154 - VAIL 2

Two camps were operated on this job during the year.

<u>SAW LOGS AND TIE CUTS</u>	
Inventory, Dec. 31, 1928	512,668 feet
Shipments 1928	5,060,332 "
Total	5,573,000 "
Less Inventory 1/1/28	167,574 "
Produced during 1928 —	5,405,426 "
Area cut	930.00 acres
Yield per Acre	5,812 feet
<u>CHEMICAL LOGS</u>	
Inventory, Dec. 31, 1928	381,147 feet
Shipments 1928	6,314,661 "
Total	6,695,808 "
Less Inventory 1/1/28	180,450 "
Produced during 1928	6,515,358 "
Area cut	930.00 acres
Yield per Acre	7,006 feet



<u>RETURNS</u>	
Gross Returns (Logs, Tie Cuts, Chem.Logs)	\$153,162.35
Less Total Operating Cost	87,488.90
Profit	65,673.45
Total Yield per Acre (Logs, Tie Cuts, Chem.Logs)	12,818 feet
Total Returns per Acre	\$70.61
Saw Logs and Tie Cuts	45.4%
Chemical Logs	54.6%

OPERATION #159

There was no logging done on this job during the past year. Logging spurs were cut out and some graded and still laid as shown on the attached map. The following timber was removed from the right-of-way:

Logs	43,050 feet
Chemical Logs	43,110 "

OPERATION #164

This is an operation where the Hemlock Saw Timber was removed years ago. The Lumbering Department is now removing the remaining Hardwood Saw Timber and Chemical logs.

Logs Removed	94,838 feet
Tie Cuts	95,100 "
Chemical Logs	848,680 "
Area cut	95.00 acres

OPERATION #166 - WINDFALL JOB

Logs Removed	528,160 feet
Tie Cuts	610,350 "
Chemical Logs	1,295,938 "
Area cut	245.00 acres

LAFAVE JOB

Logs Removed	1,000,215 feet
Chemical Logs	697,671 "

EXPERIMENTAL FOREST STATION

The cutting this fall was done on the  $N\frac{1}{2}$  of  $NE\frac{1}{4}$  of  $NE\frac{1}{4}$ , 20 Acres, and one-third acre in the  $SW\frac{1}{4}$  of  $NW\frac{1}{4}$  of  $NW\frac{1}{4}$ .

AREA #1 - 1/3 ACRE

This was a small cutting made to thin out the forest, giving more light, and

thereby forcing the growth of some small Birdseye Maple trees.

AREA #2 - 10 ACRES

This area is over half swamp type and old cedar in the swamp was cut heavily, while only a light improvement cutting was made on the hardwood area.

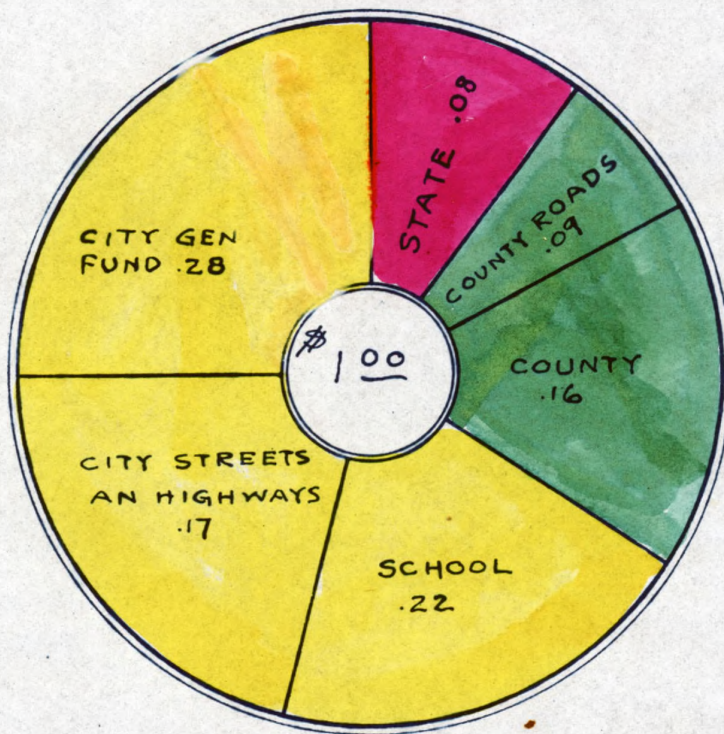
AREA #3 - 10 ACRES

This area includes about three acres of alder swamp. Regular selective cuttings were made to 18 inch diameter breast high, removing about one-half of the volume.

Complete data on the 1926, 1927, and 1928 cuttings is shown on the attached maps.

RAB:MD-4.  
2/13/29.





## NEGAUNEE TAXES 1928

	AMT PER 100% VAL.	% PAID TO EACH 100
STATE	0.2762	.08
COUNTY ROADS	0.2750	.09
COUNTY	0.5442	.16
SCHOOL	0.7390	.22
CITY STREES & HIGHWAY	0.5916	.17
CITY GENERAL FUND	0.9527	.28
SPECIAL TAX		
TOTAL	3.3787	1.00



2

# NEGAUNEE CITY TAXES

YEAR	ASSESSED VALUATION		TAXES RAISED, SHOWING PROPORTION FOR EACH FUND												
	AMOUNT	%	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
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	45 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	62,262	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															
1930															



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	.2815	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														
1930														

06



# 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															
1930															

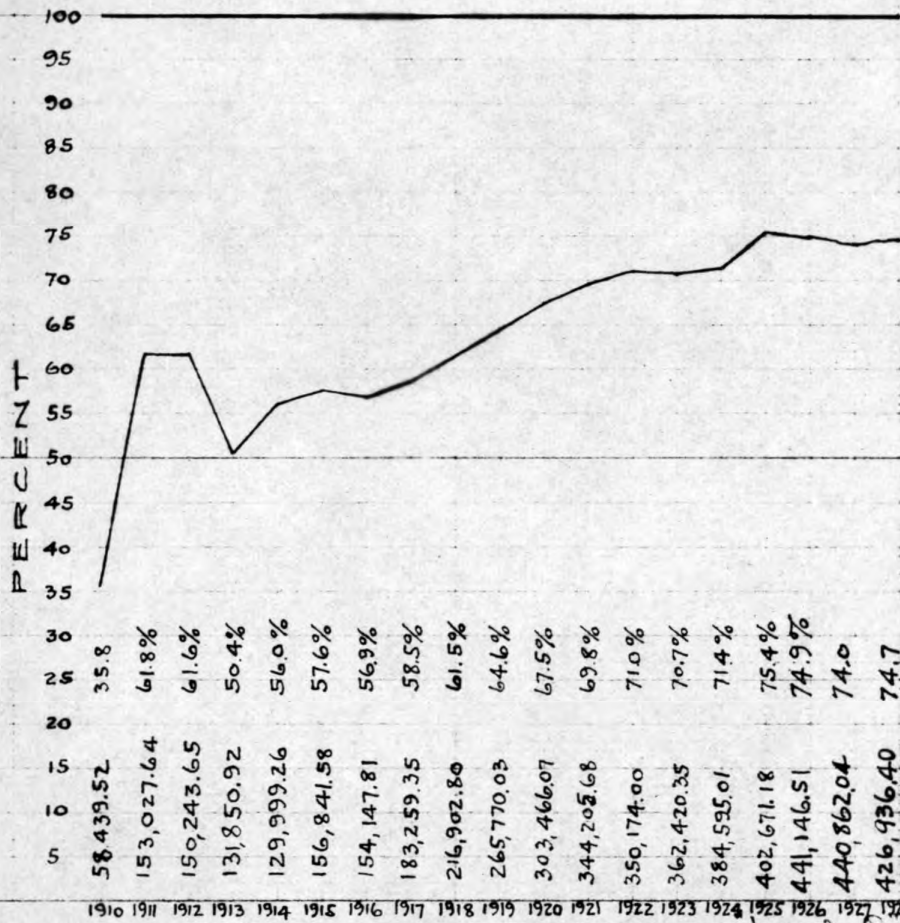
16



# NEGAUNEE CITY TAXES

5

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



1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

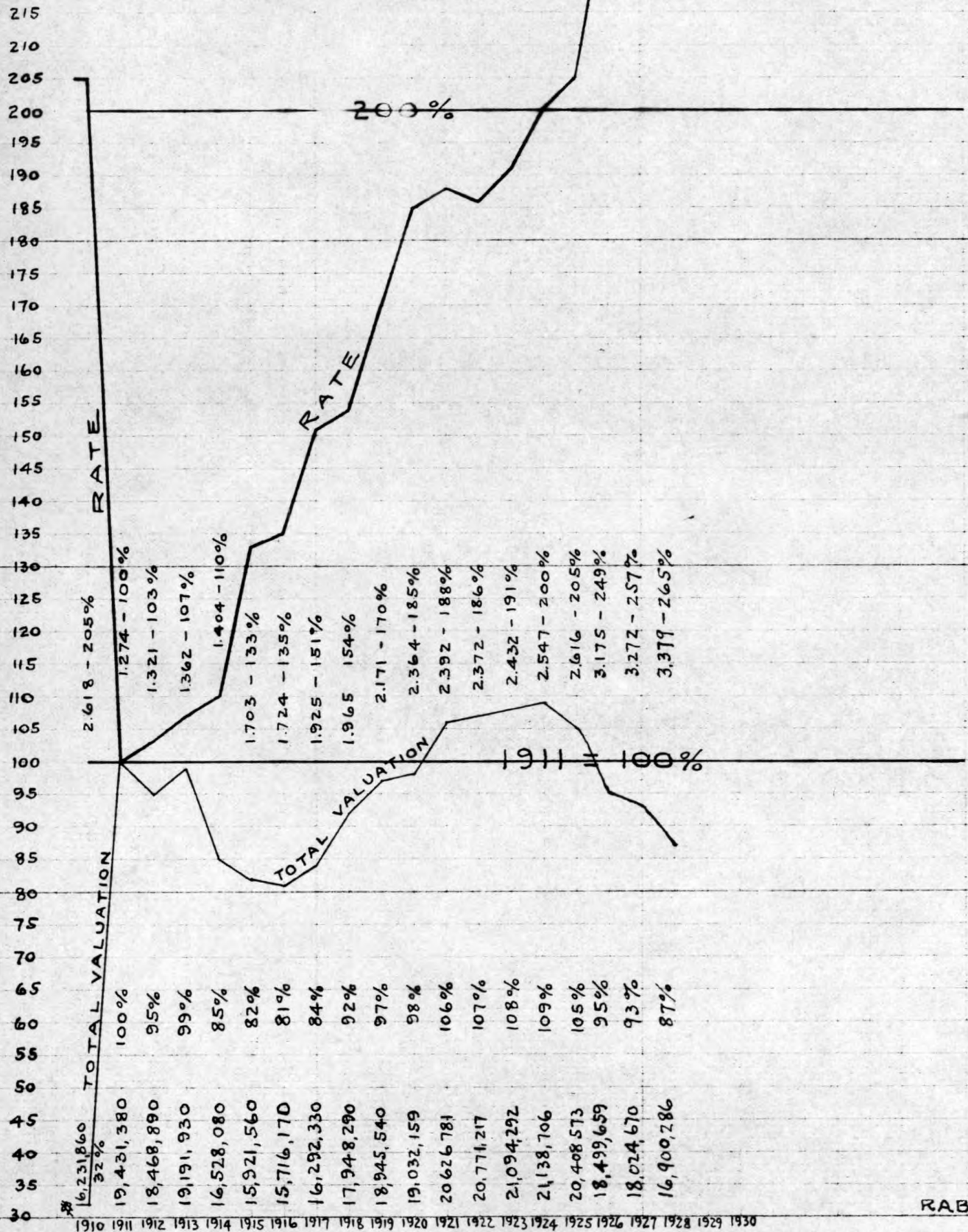
THE FREDERICK POST CO. REPRODUCED PROFILE PLATE A

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

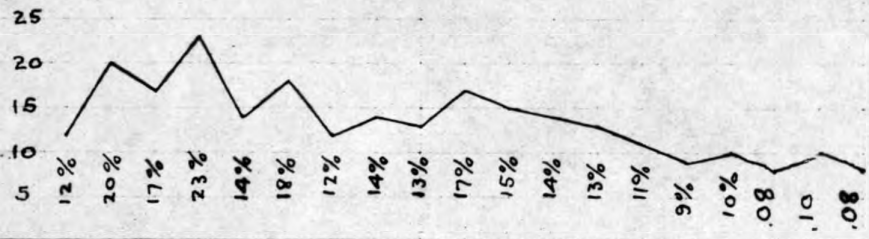
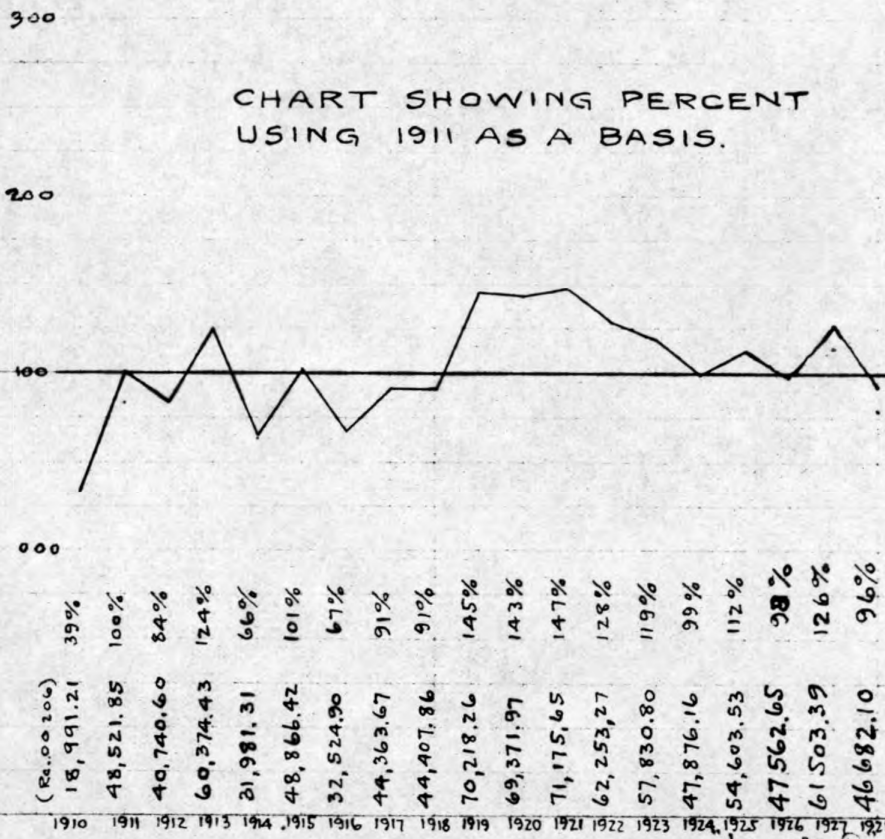


CHART SHOWING PERCENT  
USING 1911 AS A BASIS.



Year	Amount
1910	(\$2,000.00)
1911	18,991.21
1912	48,521.85
1913	40,740.60
1914	60,374.43
1915	31,981.31
1916	48,866.42
1917	32,524.90
1918	44,363.67
1919	44,407.86
1920	70,218.26
1921	69,371.97
1922	71,175.65
1923	62,253.27
1924	57,830.80
1925	47,876.16
1926	54,603.53
1927	47,562.65
1928	61,503.39
1929	46,682.10

RAB.

THE FREDERICK POST CO.  
Lithography Profile Plate A

# NEGAUNEE CITY TAXES

8

## COUNTY TAX

CHART SHOWING % OF TOTAL TAX PAID

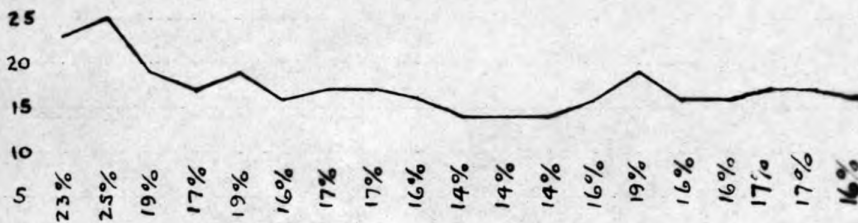
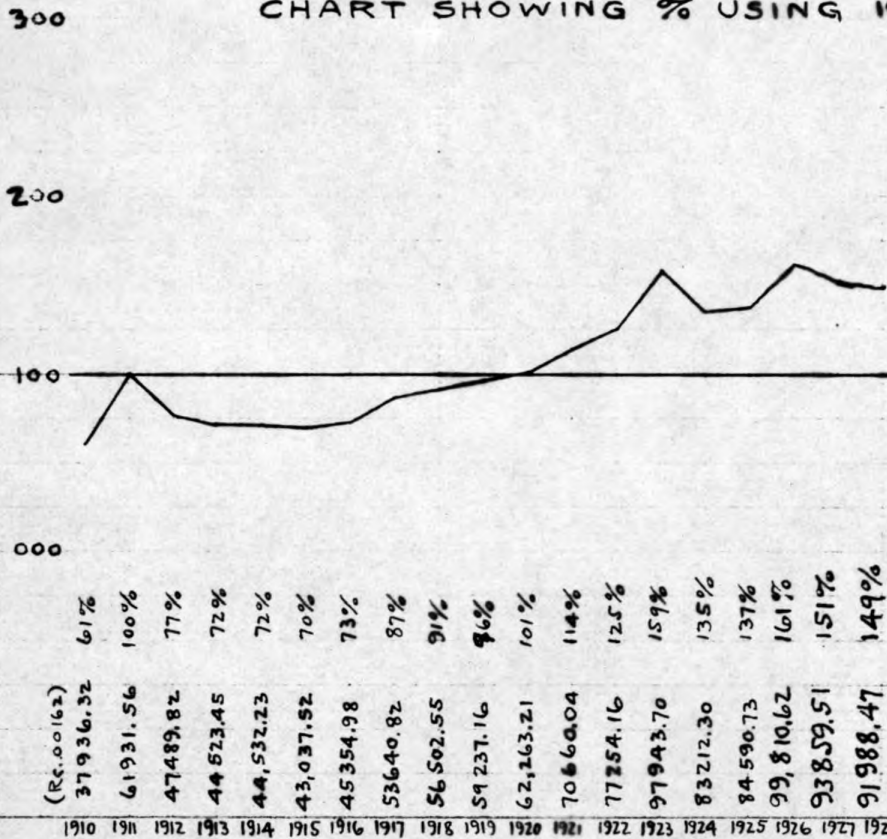


CHART SHOWING % USING 1911 AS A BASIS



1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

R.A.B.



# NEGAUNEE CITY TAXES

9

## COUNTY ROAD

CHART SHOWING % OF TOTAL TAX PAID.

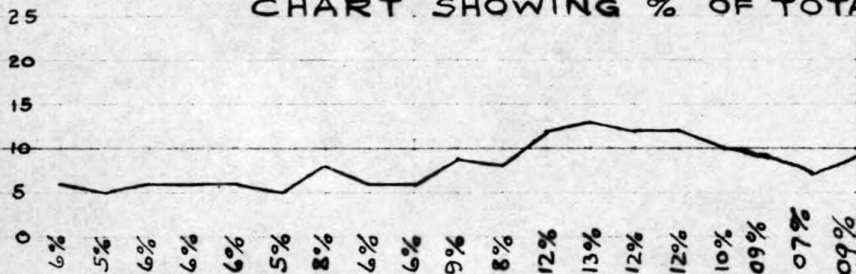
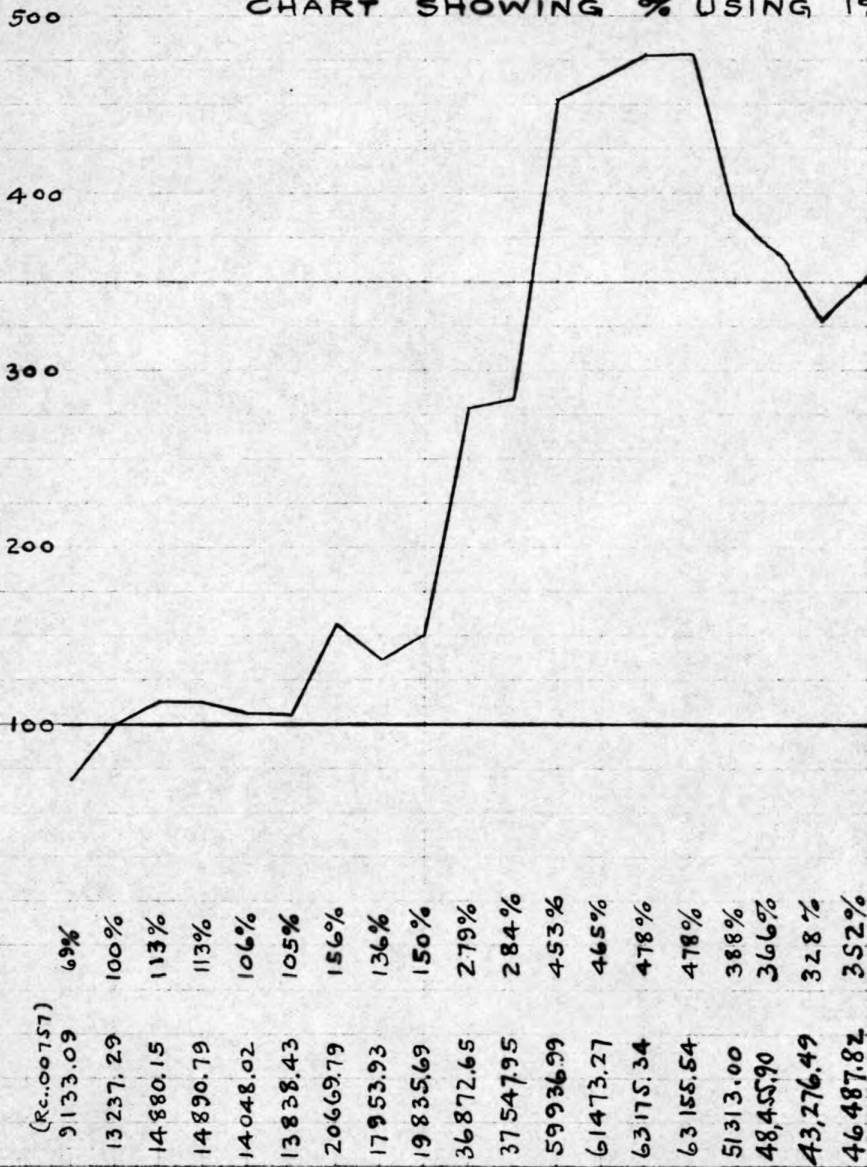


CHART SHOWING % USING 1911 AS A BASIS.



(Rc..00757)

9133.09
13237.29
14880.15
14890.79
14048.02
13838.43
20669.79
17953.93
19835.69
36872.65
37547.95
59936.99
61473.27
63175.34
63155.54
51313.00
48,455.90
43,276.49
46,487.82

1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

RAB.

# NEGAUNEE CITY TAXES

10

## SCHOOL AND 1 MILL TAX.

CHART SHOWING % OF TOTAL TAX PAID

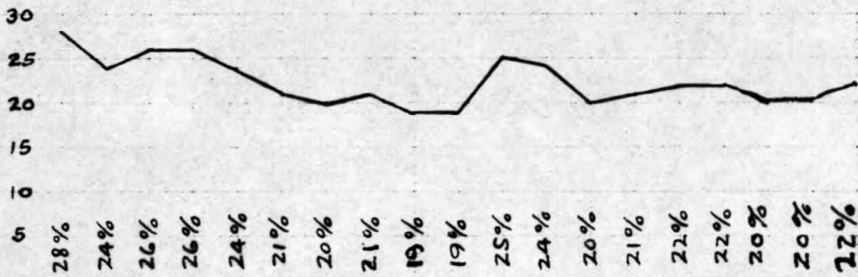
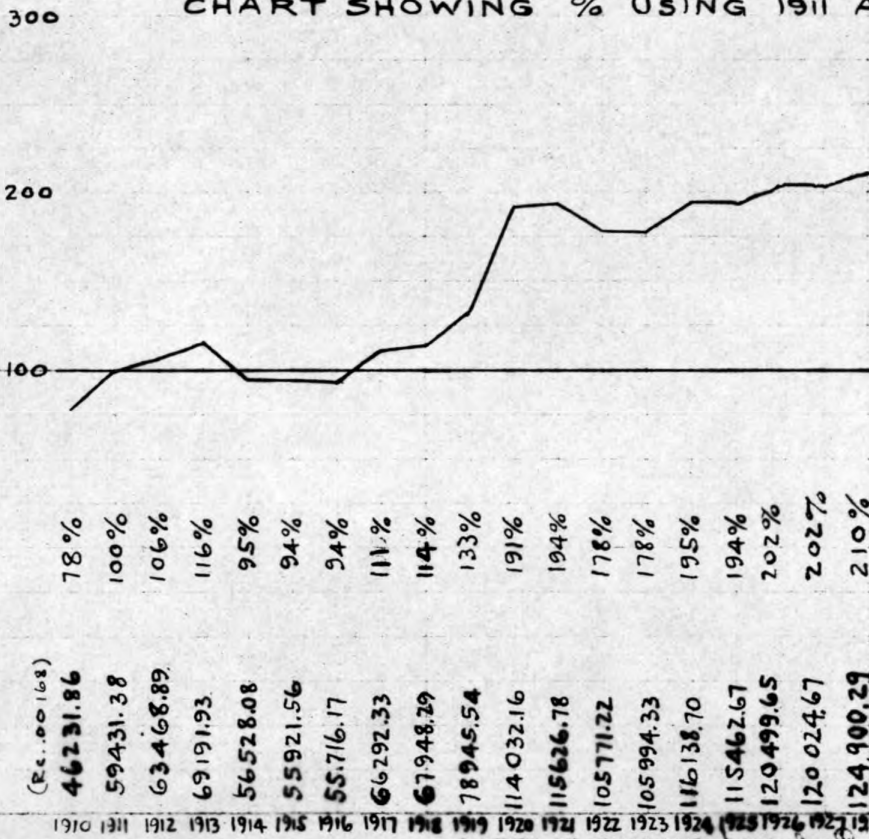


CHART SHOWING % USING 1911 AS A BASIS



1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

R.A.B.



# NEGAUNEE CITY TAXES

11

## CITY HIGHWAY FUND

CHART SHOWING % OF TOTAL TAX PAID

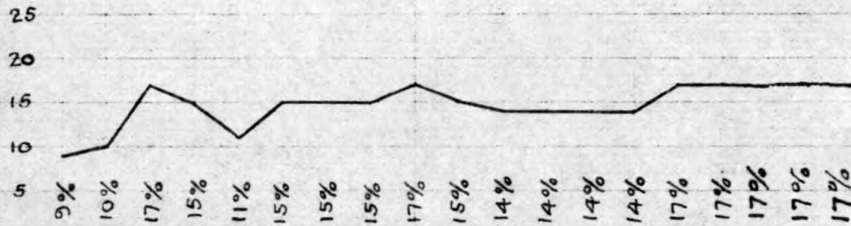
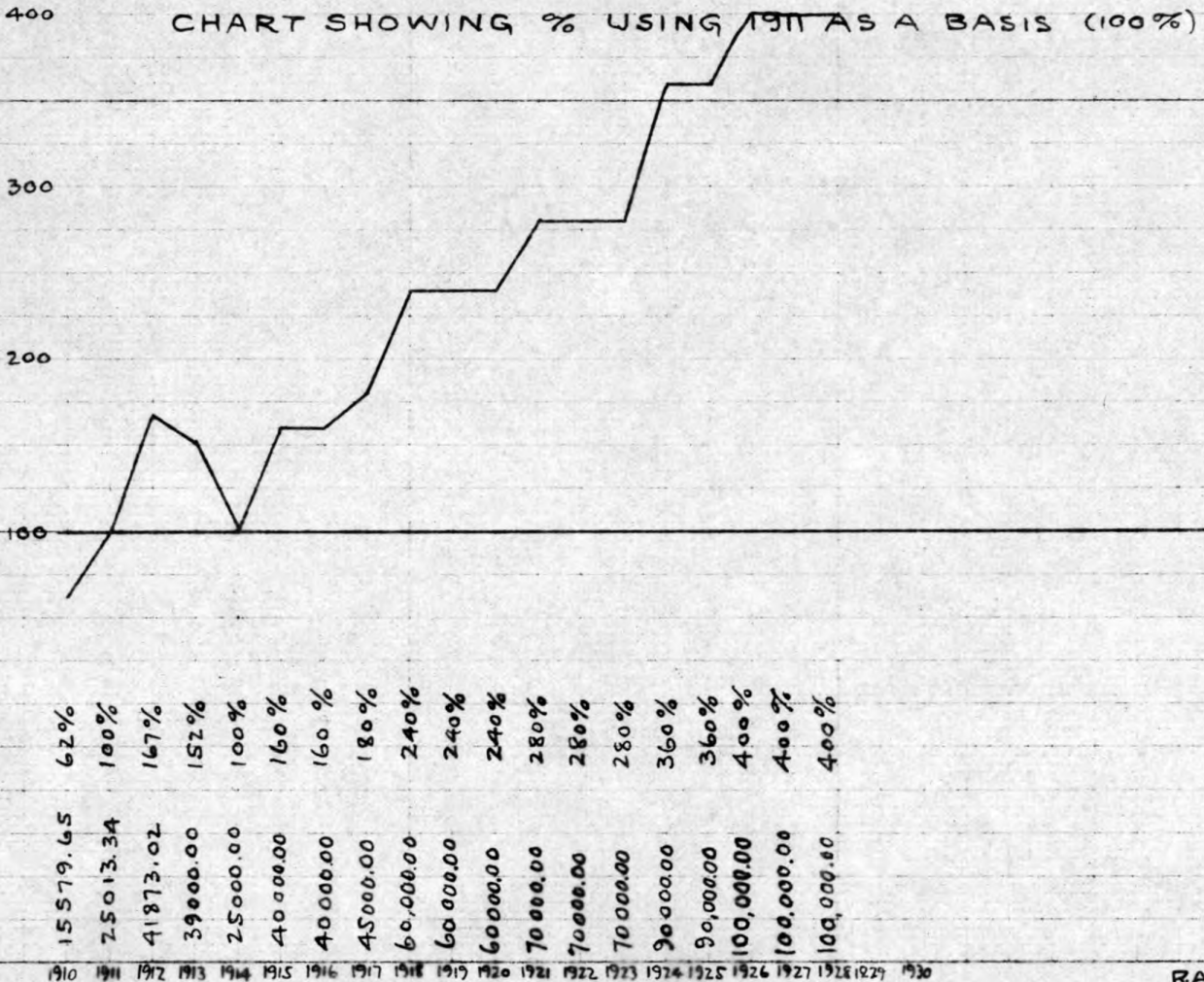


CHART SHOWING % USING 1911 AS A BASIS (100%)



R.A.B.

# NEGAUNEE CITY TAXES

12

## GENERAL CITY FUND

CHART SHOWING % OF TOTAL TAX PAID

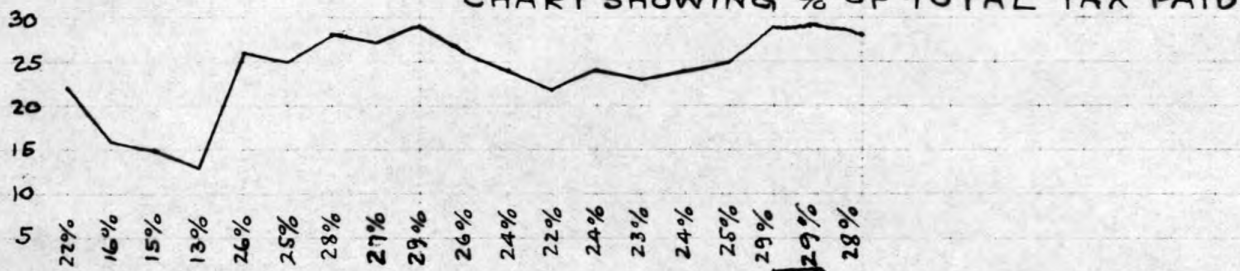
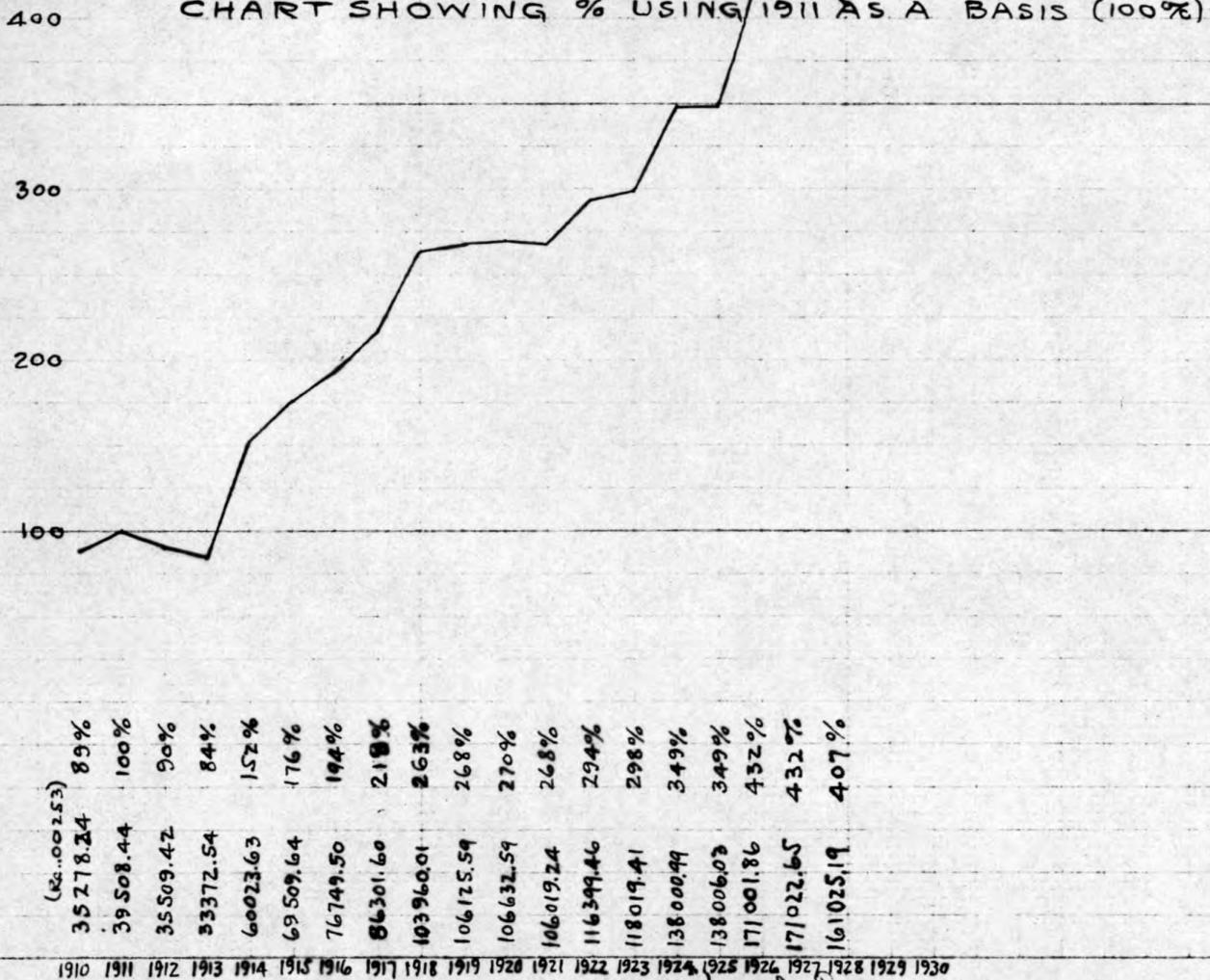


CHART SHOWING % USING 1911 AS A BASIS (100%)



Year	Total Tax Paid (\$)	% Using 1911 as a Basis (100%)
1910	35278.24	89%
1911	39508.44	100%
1912	35509.42	90%
1913	33372.54	84%
1914	60023.63	152%
1915	69509.64	176%
1916	76749.50	194%
1917	86301.60	219%
1918	103960.01	263%
1919	106125.54	268%
1920	106632.59	270%
1921	106019.24	268%
1922	116399.46	294%
1923	118019.41	298%
1924	138000.99	349%
1925	138006.03	349%
1926	171001.86	432%
1927	171022.65	432%
1928	161025.19	407%

1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

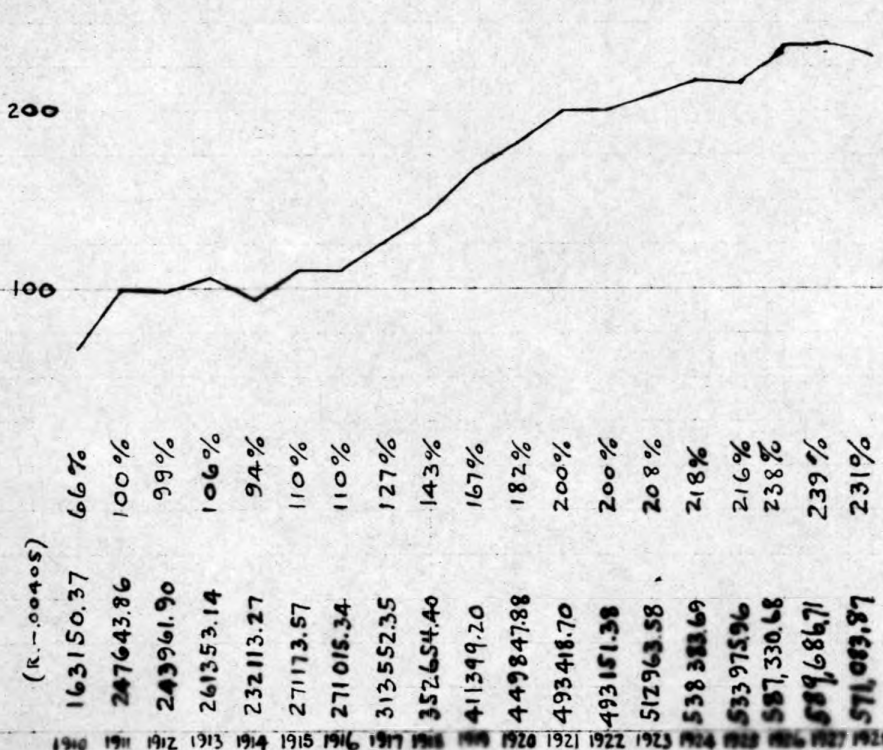


# NEGAUNEE CITY TAXES.

13

## TOTAL TAX RAISED

300 CHART SHOWING % USING 1911 AS A BASIS.



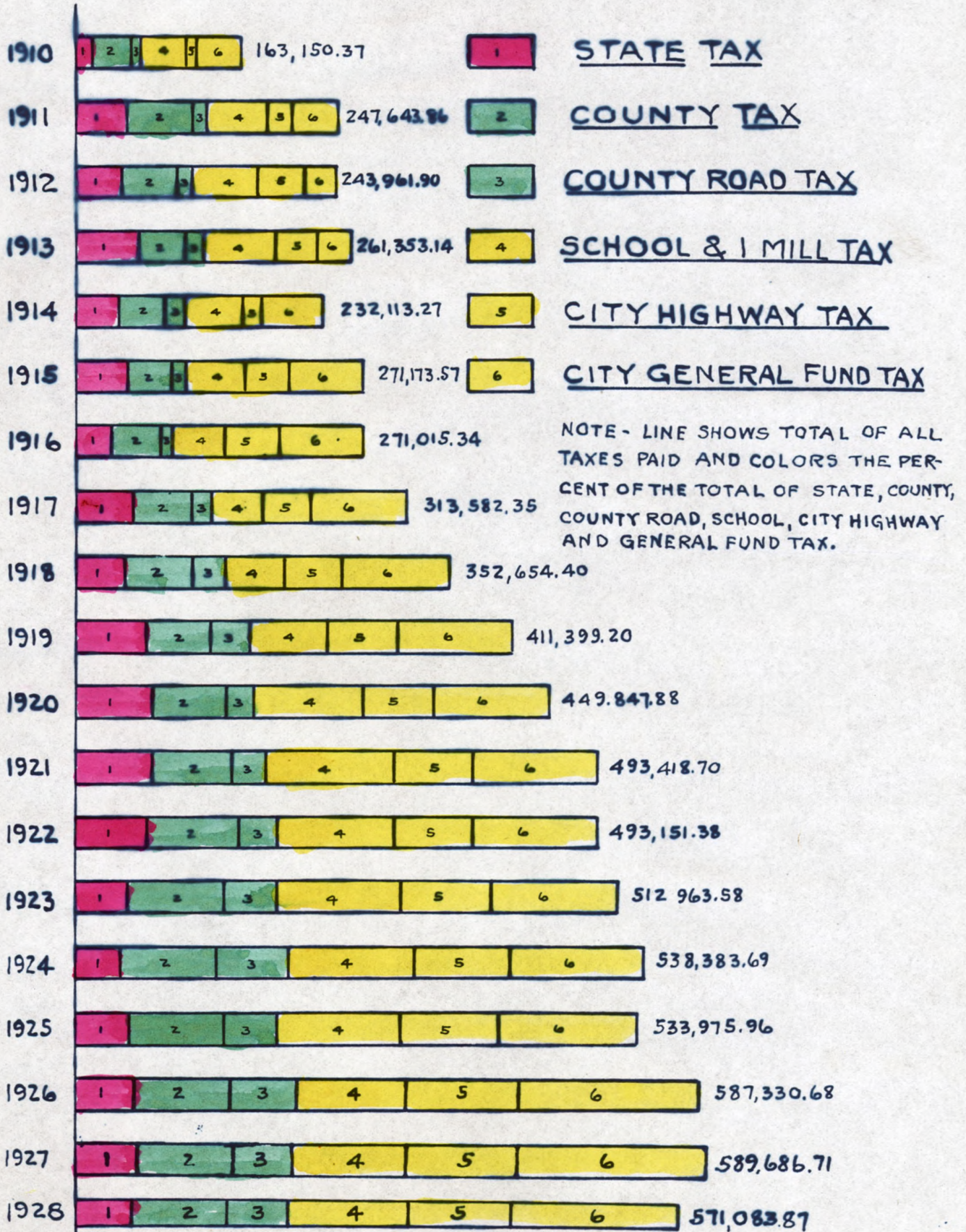
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

RAB



# NEGAUNEE CITY TAXES

# 14

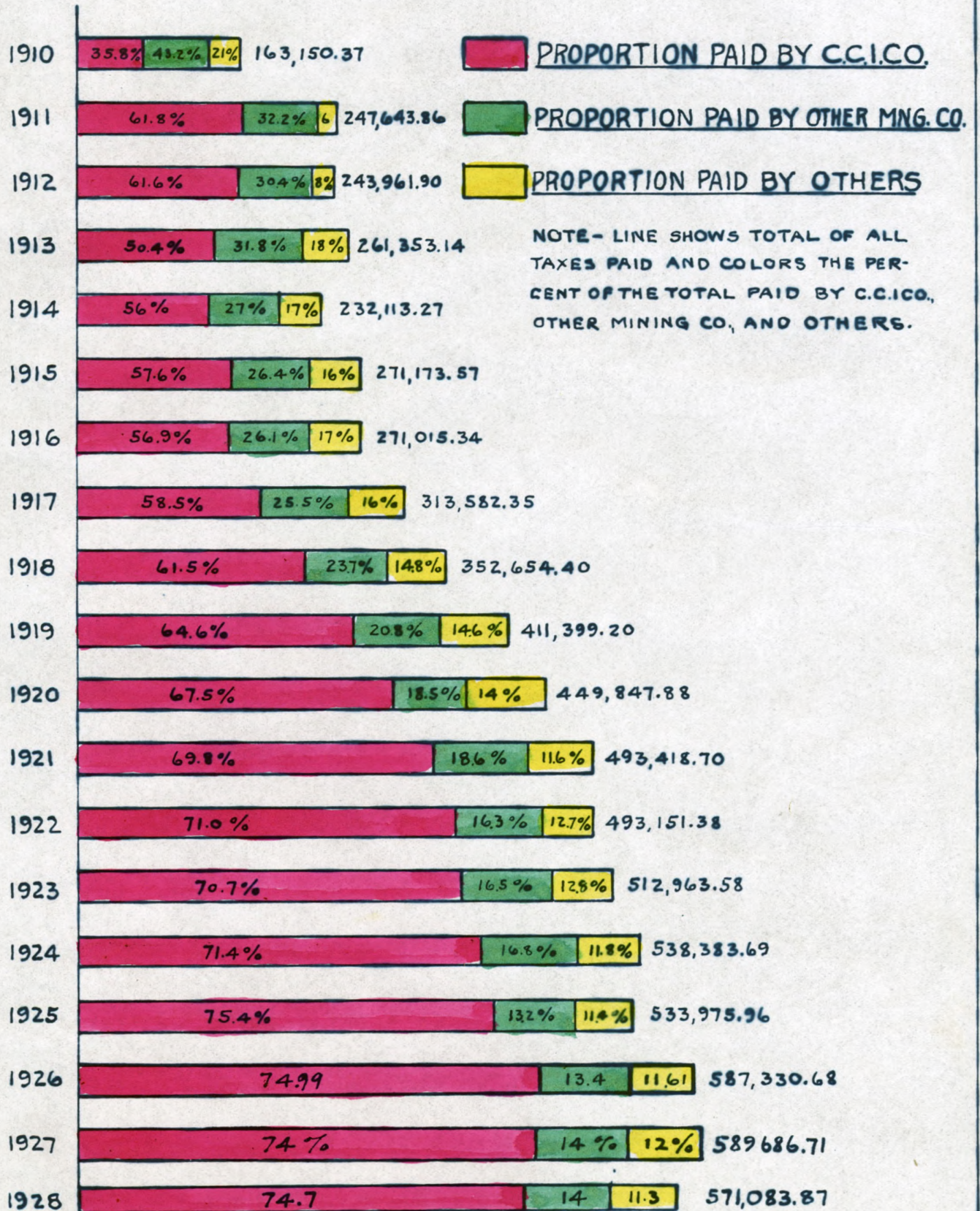


R.A.B.



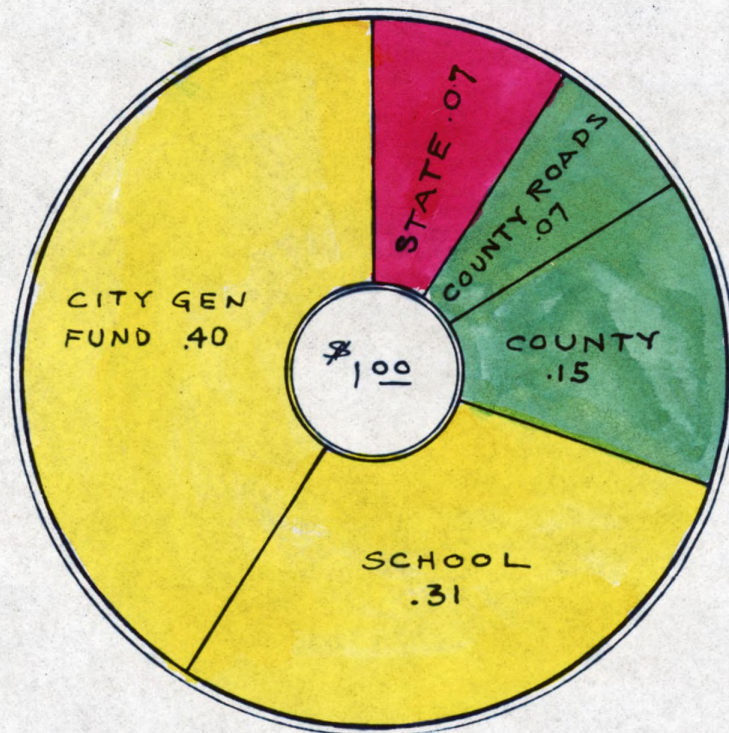
# NEGAUNEE CITY TAXES

# 15



R.A.B.

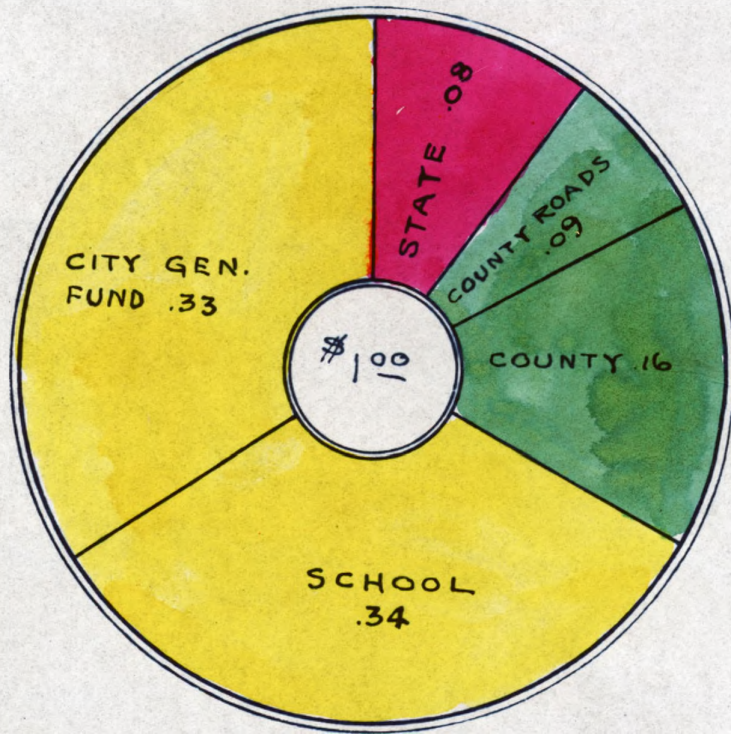




## MARQUETTE TAXES 1928

	AMT PAID PER 100% VAL	% PAID to EACH 1928
STATE	0.27	.07
COUNTY ROADS	0.27	.07
COUNTY	0.55	.15
SCHOOL	1.16	.31
CITY GENERAL FUND	1.45	.40
TOTAL	3.70	1.00





## ISHPEMING TAXES 1928

	AMT. PER 100% VAL.	% PAID TO EACH 100
STATE	0.2762	.08
COUNTY ROADS	0.2750	.09
COUNTY	0.5442	.16
SCHOOL	1.1290	.34
CITY GEN. FUND	1.0806	.33
TOTAL	3.3050	1.00



# ISHPEMING CITY TAXES

YEAR	CIVIC DIVISION OF TAXES	TOTAL TAXES PAID	PROPORTION PAID BY CCICO. & OTHERS
1910	1 2 3 4 5 6	227,960.64	
1911	1 2 3 4 5 6	278,040.45	8 7
1912	1 2 3 4 5 6	244,995.59	8 7
1913	1 2 3 4 5 6	263,774.56	8 7
1914	1 2 3 4 5 6	247,412.97	8 7
1915	1 2 3 4 5 6	265,415.91	8 7
1916	1 2 3 4 5 6	262,432.84	8 7
1917	1 2 3 4 5 6	283,091.12	8 7
1918	1 2 3 4 5 6	304,739.08	8 7
1919	1 2 3 4 5 6	378,112.50	8 7
1920	1 2 3 4 5 6	448,434.56	8 7
1921	1 2 3 4 5 6	451,348.37	8 7
1922	1 2 3 4 5 6	434,907.76	8 7
1923	1 2 3 4 5 6	437,387.88	8 7
1924	1 2 3 4 5 6	459,567.63	8 7
1925	1 2 3 4 5 6	458,391.77	8 7
1926	1 2 3 4 5 6	465,950.60	8 7
1927	1 2 3 4 5 6	467,523.27	8 7
1928	1 2 3 4 5-6	449,641.69	8 7
1929			
1930			

1 STATE  
 2 COUNTY  
 3 COUNTY ROADS  
 4 SCHOOL  
 5 CITY HIGHWAY  
6 CITY GENERAL FUND  
 7 PAID BY CCICO.  
 8 PAID BY OTHERS

SCALE 1" = \$200,000 - 2-8-1927-RAB.



COMPARATIVE TAX DATA - CITY OF ISHPELINE

YEAR	ASSESSED VALUATION	STATE TAX		COUNTY TAX		COUNTY ROAD		SCHOOL & 1 MILL		CITY HIGHWAY		ALL OTHER FUNDS		TOTAL TAXES RAISED		MINING DEPARTMENT TAXES PAID PER CENT		REMARKS
			%		%		%		%		%		%		%		%	
1910	\$ 6,743,220	22,789.45	11	45,523.59	21	10,959.70	5	85,229.65	34	28,000.00	13	35,458.25	16	227,950.64				13,486.43 For extra 2 Mill School 29,888.00 Tax included.  The year 1911 was the first year values were placed by the Michigan State Tax Commission.
1911	14,944,000	40,515.74	16	51,712.86	21	11,053.14	5	109,832.00	32	25,000.00	10	39,926.71	16	278,040.45	121,837.75	43.8		
1912	13,890,380	34,018.40	14	39,654.00	16	12,424.92	5	78,880.38	32	35,000.00	14	45,017.89	19	244,995.59	109,387.89	44.6		
1913	15,560,070	48,950.75	18	36,099.01	14	12,073.25	5	80,560.07	31	35,000.00	13	51,091.48	19	263,774.56	99,796.81	37.8		
1914	14,869,014	28,771.57	12	40,062.84	16	12,638.12	5	79,869.00	32	35,000.00	14	51,071.44	21	247,412.97	98,365.31	39.4		
1915	14,414,391	44,239.89	17	38,962.84	15	12,528.25	5	79,414.39	30	35,000.00	13	55,270.54	20	265,415.91	109,220.34	40.7		
1916	14,775,836	30,579.56	12	42,642.27	16	19,433.52	7	69,775.83	27	40,000.00	15	60,001.66	23	262,432.84	112,410.28	42.4		
1917	14,300,333	38,938.20	14	47,080.78	17	15,758.25	5	79,300.33	28	35,000.00	12	67,013.56	24	283,091.12	111,519.79	39.		
1918	14,783,704	36,577.18	12	46,539.15	15	16,337.96	5	86,783.70	29	40,000.00	13	78,501.09	26	304,739.08	126,867.17	41.2		
1919	14,788,161	54,807.75	14	46,236.62	12	28,780.37	8	94,788.16	25	60,000.00	16	93,499.60	25	378,112.50	155,279.38	40.7		
1920	14,604,826	53,235.48	12	28,813.99	6	47,780.27	11	134,604.82	30	86,000.00	19	96,000.00	22	448,434.56	172,988.88	38.2		
1921	15,177,632	52,373.30	11	44,103.54	10	51,993.90	11	125,177.63	28	80,000.00	18	97,700.00	22	451,348.37	185,670.69	40.7		
1922	14,744,463	44,189.60	10	43,635.93	11	54,837.77	12	124,744.46	28	75,000.00	17	91,960.12	22	434,907.76	174,488.94	40.19		
1923	14,444,906	39,602.05	9	43,261.91	10	67,071.05	15	136,444.91	31	65,000.00	15	86,007.96	20	437,387.88	172,282.91	39.39		
1924	14,771,565	33,456.00	7	58,149.02	13	44,133.29	10	165,771.56	36	67,500.00	14	90,557.76	20	459,567.63	178,966.54	38.94		
1925	14,538,115	39,897.00	8	60,258.49	13	36,553.00	8	155,538.12	35	60,000.00	13	107,145.16	23	458,391.77	177,632.12	38.75		
1926	14,237,464	36,602.67	8	76,811.01	16	37,290.09	8	154,237.46	33	55,500.00	12	105,509.37	23	465,950.60	177,511.33	38.1		
1927	14,155,127	47,773.34	10	72,910.84	16	33,617.54	7	154,155.13	33	63,000.00	14	96,063.42	20	467,523.27	179,712.96	38.07		
1928	13,601,615	37,572.17	8	74,037.10	16	37,415.81	9	153,601.62	34	58,000.00	13	89,014.99	20	449,641.69	164,701.68	36.6		
1929																		
1930																		

RATE PER \$100.00, AND PER CENT INCREASE USING 1911 AS A BASIS

YEAR	STATE TAX		COUNTY TAX		COUNTY ROAD		SCHOOL & 1 MILL		CITY HIGHWAY		ALL OTHER FUNDS		TOTAL TAXES RAISED				
	RATE	PER CENT	RATE	PER CENT	RATE	PER CENT	RATE	PER CENT	RATE	PER CENT	RATE	PER CENT	RATE	PER CENT			
	1910	.3380	125	.6750	195	.1625	220	1.0644*	199	.4153	248	.5258	197	3.1805*	192		
1911	.2711	100	.3460	100	.0740	100	1.2640		.1673	100	.2670	100	1.6604*	100			
1912	.2451	90	.2857	83	.0895	121	.5680	106	.2522	151	.3247	122	1.7652	106			
1913	.3143	116	.2317	67	.0775	105	.5172	97	.2247	134	.3280	123	1.6934	102			
1914	.1935	71	.2695	78	.0850	115	.5378	100	.2354	141	.3435	128	1.6647	100			
1915	.3070	113	.2703	78	.0869	117	.5508	103	.2428	145	.3835	145	1.8413	111			
1916	.2070	76	.2987	84	.1315	177	.4722	88	.2707	162	.4061	152	1.7762	107			
1917	.2723	101	.3292	95	.1102	149	.5546	104	.2447	146	.4685	175	1.9795	119			
1918	.2474	91	.3148	91	.1105	150	.5870	110	.2705	162	.5308	199	2.0610	124			
1919	.3707	136	.3127	91	.1947	263	.6410	120	.4060	243	.6323	237	2.5674	155			
1920	.3645	134	.3271	95	.1973	266	.9215	172	.5888	352	.6710	251	3.0702	185			
1921	.3450	127	.3425	99	.2905	393	.8250	154	.5271	315	.6436	241	2.9737	179			
1922	.2997	111	.3720	108	.2960	400	.8460	158	.5086	304	.6273	235	2.9496	178			
1923	.2742	101	.2995	86	.4644	627	.9440	176	.4500	269	.5954	223	3.0275	182			
1924	.2264	84	.3937	114	.2987	404	1.1220	210	.4570	273	.6130	230	3.1108	167			
1925	.2675	99	.4145	120	.2515	339	1.1390	213	.4127	247	.6878	250	3.1530	190			
1926	.2570	95	.540	156	.262	354	1.0830	203	.390	233	.741	276	3.273	197			
1927	.3375	125	.5151	149	.2375	321	1.0890	203	.445	265	.6785	254	3.3027	199			
1928	.2762	101	.5442	157	.2750	371	1.1290	211	.4264	255	.6542	245	3.3050	199			
1929																	
1930																	

\* 2 Mill extra tax deducted for comparative purposes.

# LUCE COUNTY TAXES

1915													1916													
TOWNSHIP	VALUATION	TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.			
											AMOUNT	%											AMOUNT	%		
COLUMBUS	659531 00	28816	29	4 33	2379	24	6921	99	19214	96	17789	90	62	650000 00	26228	74	4 05	1380	94	7002	50	17845	30	16173	95	61
LAKEFIELD	398335 00	14516	11	3 65	1431	22	4074	96	9009	93	892	39	06	436000 00	16350	37	3 71	926	29	4696	74	10727	34	936	34	06
Mc MILLAN	3527735 00	96263	96	2 74	12718	92	36645	12	46899	92	25789	79	27	3576000 00	96731	27	2 72	7597	25	38524	92	50609	10	24317	75	25
PENTLAND	594020 00	19788	85	3 34	2145	16	6225	93	11417	76	508	67	02	679000 00	22876	94	3 37	1442	54	7315	20	14119	20	609	88	02
TOTAL	5179621 00	159085	21		18674	64	53868	00	86542	57	44980	75	28	5341000 00	162187	32		11347	02	57539	36	93300	94	42037	92	26
TOTAL COUNTY																										

1917													1918													
													MICHIGAN STATE TAX COMMISSION SET VALUATIONS THIS YEAR.													
COLUMBUS	813000 00	53648	91	4 06	2153	77	9086	24	22408	90	21068	88	62	1176480 00	37976	21	3 22	1690	66	8330	07	27955	48	27830	45	73
LAKEFIELD	500000 00	19012	18	3 32	1324	60	5588	10	12099	48	1241	07	06	757200 00	22551	26	2 98	1088	88	5366	98	16095	40	1655	16	07
Mc MILLAN	3575000 00	99905	30	2 69	9470	88	39684	82	50749	60	24308	81	24	6772840 00	151041	07	2 23	9785	45	48221	92	93033	70	41169	42	27
PENTLAND	812000 00	25332	20	2 48	2151	14	9075	06	14106	00	567	79	02	1206410 00	25855	26	2 14	1747	93	8612	28	15495	05	615	39	02
TOTAL	5,700,000 00	177898	59		15100	39	63434	22	99363	98	47186	55	26	9912930 00	237423	80		14312	92	70531	25	152579		71270	42	30
TOTAL COUNTY																										

1919													1920													
COLUMBUS	1,134,000 00	32515	40	2 87	3973	35	7355	54	21186	51	24252	00	74	1134000 00	40812	33	3 61	3830	95	8080	89	28900	49	28593	97	70
LAKEFIELD	763000 00	27525	38	3 53	2673	77	4949	09	19902	52	1962	76	07	804000 00	28868	25	3 46	2716	13	5729	32	20422	80	2458	20	08
Mc MILLAN	6,706,000 00	163172	93	2 49	23493	11	43497	35	96182	47	45599	73	28	6956000 00	158004	43	2 36	23499	22	49568	51	84936	70	42319	56	27
PENTLAND	1,237,000 00	31659	19	2 56	4334	21	8023	88	19301	10	752	17	02	1,280,000 00	34115	11	2 62	4324	17	9121	28	20669	66	788	98	02
TOTAL	9,840,000 00	254872	90		34474	44	63825	86	156572	60	72566	66	28	10,174,000 00	261800	12		34370	47	72500	00	154929	65	74160	71	28
TOTAL COUNTY																										



# LUCE COUNTY TAXES

TOWNSHIP	1921												1922											
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO			
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%						
COLUMBUS	1,121,720 00	38196 00	3 52	3428 69	11440 00	23327 31	27675 51	72	1027000 00	37584 19	3 58	2885 03	8654 80	26044 36	27935 53	74								
LAKEFIELD	719600 00	27214 35	4 32	2196 88	7330 00	17687 47	2842 90	10	616000 00	25699 56	4 11	1732 56	5197 50	18769 50	2844 87	11								
MC MILLAN	6768600 00	168343 31	2 55	20677 05	68990 00	78676 26	45829 59	27	6379000 00	143100 32	2 29	17923 64	53769 10	71407 58	40703 36	28								
PENTLAND	1200960 00	32938 93	2 69	3677 46	12240 00	17021 47	682 25	02	1113000 00	33452 27	2 89	3126 30	9378 60	20947 37	616 92	02								
TOTAL	9810880 00	266692 59		29980 08	100000 00	136712 51	77030 25	29	9135000 00	239836 34		25667 53	77000 00	137168 81	72100 68	30								
TOTAL COUNTY																								

TOWNSHIP	1923												1924											
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO			
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%						
COLUMBUS	1044295 00	36454 50	3 50	2622 01	8778 00	25054 49	27258 78	75	1011000 00	36629 21	3 64	2084 59	9570 00	24974 62	27183 79	72								
LAKEFIELD	600060 00	27079 96	4 50	1509 78	5058 90	20511 28	3054 16	11	522000 00	18726 10	3 58	1108 62	5089 50	15527 98	2426 70	13								
MC MILLAN	6393775 00	140249 76	2 24	16056 09	53799 90	70393 77	39925 69	28	6460000 00	163658 07	2 58	13451 20	61752 60	88454 27	45965 79	28								
PENTLAND	1112800 00	29226 60	2 63	2794 36	9363 20	17069 04	547 86	02	1108000 00	30190 41	2 70	2306 31	10587 90	17296 20	522 64	02								
TOTAL	9150930 00	233010 82		22982 24	77000 00	133028 58	70786 49	30	9101000 00	249203 79		18950 72	87000 00	143253 07	76098 92	30								
TOTAL COUNTY																								

TOWNSHIP	1925												1926											
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCI CO			
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%						
COLUMBUS	940000 00	29666 33	3 18	2370 02	8126 55	19169 76	23121 49	78	934305 00	28215 15	2 95	2272 07	9559 95	16383 13	21784 64	77								
LAKEFIELD	445000 00	22617 79	5 15	1120 81	3843 14	17653 84	3404 41	15	439860 00	19205 29	4 28	1014 67	4269 29	13921 33	3020 92	15								
MC MILLAN	6225000 00	157709 11	2 53	15689 12	53796 44	88223 55	44955 85	28	6223550 00	214138 39	3 51	14606 61	61458 66	138073 12	62014 65	28								
PENTLAND	1025000 00	28718 92	2 72	2583 29	8857 87	17277 76	284 88	01	1061360 00	25849 08	2 69	2308 23	9712 10	13828 75	265 29	01								
TOTAL	8635000 00	238712 15		21763 24	74624 00	142324 91	71766 63	30	8659075 00	287407 91		20201 58	85000 00	182206 33	87085 50	30								
TOTAL COUNTY																								

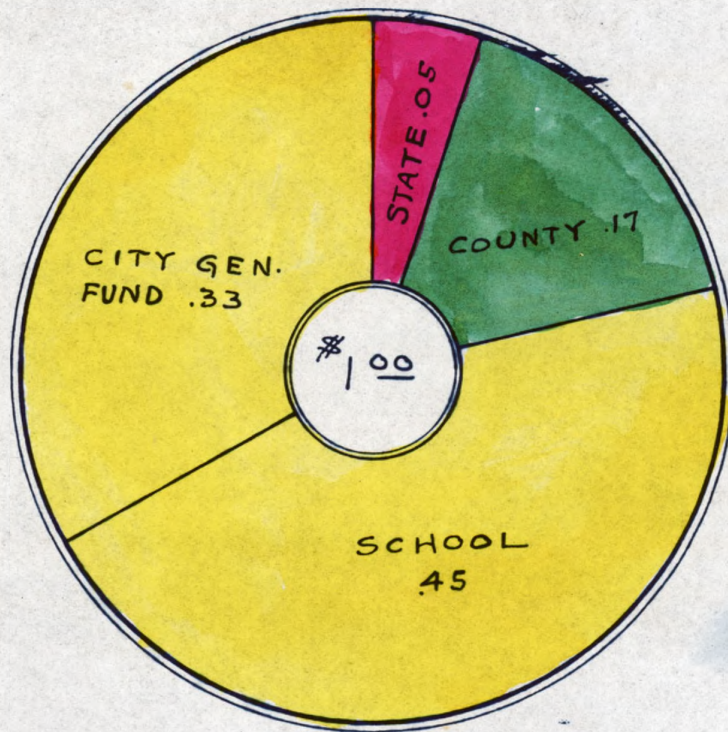
# LUCE COUNTY TAXES

1927													1928																
TOWNSHIPS	VALUATION		TOTAL TAX		RATE		STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION		TOTAL TAX		RATE		STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		
															AMOUNT	%													AMOUNT
COLUMBUS	926,000	00	32935	27	358	2850	54	9910	80	20173	93	26173	35	79	893,725	00	33321	19	374	2259	44	8334	75	22727	00	26791	08	80	
LAKEFIELD	413,000	00	21333	15	518	1271	25	4419	90	15642	00	3424	80	16	414,440	00	20655	48	499	1047	48	3864	00	15744	00	3301	81	16	
MC MILLAN	6,172,000	00	231132	80	378	18999	60	66058	20	146075	00	66233	34	27	5,881,190	00	197647	44	344	14879	19	54887	25	127881	00	56469	63	29	
PENTLAND	898,000	00	26799	43	298	2764	33	9611	10	14424	00	294	21	01	848,985	00	24591	38	292	2145	38	7914	00	14532	00	264	49	01	
<b>TOTAL</b>	<b>8,409,000</b>	<b>00</b>	<b>312200</b>	<b>65</b>	<b>371</b>	<b>25885</b>	<b>72</b>	<b>90000</b>	<b>00</b>	<b>196314</b>	<b>93</b>	<b>96125</b>	<b>70</b>	<b>31</b>	<b>8,038,340</b>	<b>00</b>	<b>276215</b>	<b>49</b>	<b>342</b>	<b>20331</b>	<b>49</b>	<b>75000</b>	<b>00</b>	<b>180884</b>	<b>00</b>	<b>88827</b>	<b>01</b>	<b>22</b>	

1929													1930															
COLUMBUS																												
LAKEFIELD																												
MC MILLAN																												
PENTLAND																												

1931													1932															
COLUMBUS																												
LAKEFIELD																												
MC MILLAN																												
PENTLAND																												
<b>TOTAL</b>																												





## MUNISING TAXES 1928

	AMT PER 100% VAL	% PAID TO EACH 1%
STATE	0.24	.05
COUNTY	0.86	.17
SCHOOL	2.26	.45
CITY GEN. FUND.	1.62	.33
TOTAL	4.98	1.00



# MUNISING CITY TAXES

YEAR	CIVIC DIVISION OF TAXES	TOTAL TAXES PAID	PROPORTION PAID BY CCICO. & OTHERS
1915		83,603.00	
1916		93,934.05	
1917		96,282.63	
1918		138,545.50	
1919		159,704.55	
1920		185,663.90	
1921		206,912.22	
1922		189,528.50	
1923		241,852.32	
1924		250,163.18	
1925		212,073.02	
1926		211,565.50	
1927		184,800.45	
1928		184,110.20	
1929			
1930			

1 STATE 
 2 COUNTY 
 3 CITY GEN. FUND 
 4 SCHOOL 
 5 PAID BY CCICO. 
 6 PAID BY OTHERS

SCALE 1" = \$100,000

2-8-1929 - R.A.B.



# ALGER COUNTY TAXES

YEAR	CIVIC DIVISION OF TAXES	TOTAL TAXES PAID	PROPORTION PAID BY CCICO & OTHERS
1915		337,652.23	
1916		397,094.83	
1917		400,467.86	
1918		432,865.36	
1919		502,706.26	
1920		563,211.51	
1921		610,118.24	
1922		575,996.66	
1923		675,733.07	
1924		688,808.19	
1925		601,114.83	
1926		560,317.24	
1927		555,763.93	
1928		506,618.82	
1929			
1930			

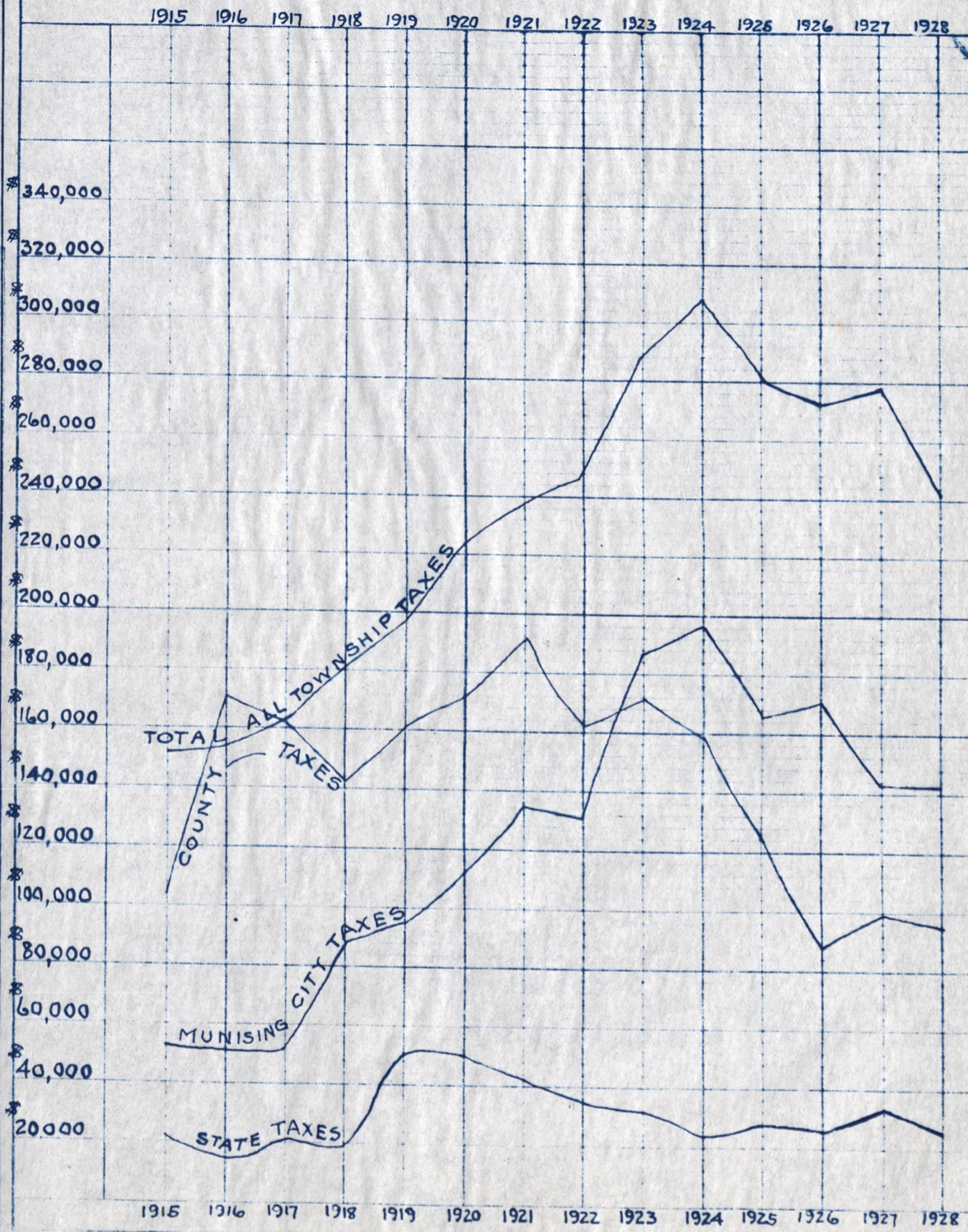
■ 1 STATE   
 ■ 2 COUNTY   
 ■ 3 TOWNSHIPS & CITIES   
 ■ 4 PAID BY CCICO.   
 ■ 5 PAID BY OTHERS

SCALE 1" = \$300,000

2-8-1929 - R.A.B.



# ALGER COUNTY TAXES





# ALGER COUNTY TAXES

1915													1916																					
TOWNSHIP	VALUATION	TOTAL TAX			RATE	STATE			COUNTY			TOWNSHIP			PAID BY C.C.I.CO.	AMOUNT	%	VALUATION	TOTAL TAX			RATE	STATE			COUNTY			TOWNSHIP			PAID BY C.C.I.CO.	AMOUNT	%
												AMOUNT	%	AMOUNT															%	AMOUNT	%			
AU TRAIN	565377.00	28052	76	4	97	2457	00	13209	00	12386	76	12641	49	45	677581.00	35886	55	6	09	1868	30	20863	59	13154	66	18793	78	52						
BURT	800,350.00	43333	60	5	73	2935	00	15855	00	24543	60	28979	77	66	870985.00	55824	80	6	41	2327	70	25993	60	27503	50	35642	13	63						
GRAND ISLAND	83,840.00	4189	00	5	01	435	00	2354	00	1400	00	3857	64	91	83915.00	5314	28	6	35	320	70	3693	58	1300	00	4898	45	91						
LIMESTONE	652089.00	34472	34	5	27	1600	34	8646	00	24226	00	8936	42	26	726475.00	47432	08	6	94	1205	82	13465	46	32760	80	12681	14	27						
MATHIAS	362,445.00	19309	50	5	34	1380	00	7460	00	10469	50	5492	63	21	406160.00	27441	95	6	78	1094	50	12223	01	14124	44	8054	66	29						
CITY OF MUNISING	1,461,570.00	83678	88	5	73	4522	00	24427	00	54729	88	11118	60	13	1430155.00	94539	94	6	62	3829	20	36731	60	53979	14	12189	66	13						
MUNISING TWP.	836,435.00	43374	90	5	19	3244	00	17525	00	22605	90	19498	75	44	1,030,780.00	53851	04	6	48	2366	80	26429	77	25054	47	29194	15	54						
ONOTA	411,995.00	20793	25	5	05	1355	00	7321	00	12117	25	7722	51	37	413295.00	22564	55	5	46	1027	70	11476	88	10059	97	8274	36	36						
ROCK RIVER	1,012,330.00	60448	00	5	77	2444	00	13205	00	44799	00	26213	34	43	929683.00	54239	64	5	83	1704	60	19035	04	33500	00	25235	15	46						
<b>TOTAL</b>	<b>6,186,422.00</b>	<b>337652</b>	<b>23</b>			<b>20372</b>	<b>34</b>	<b>110002</b>	<b>00</b>	<b>207277</b>	<b>89</b>	<b>124461</b>	<b>15</b>	<b>37</b>	<b>6,569,029.00</b>	<b>397094</b>	<b>83</b>			<b>15745</b>	<b>32</b>	<b>169912</b>	<b>53</b>	<b>211436</b>	<b>98</b>	<b>154963</b>	<b>48</b>	<b>39</b>						
<b>TOTAL COUNTY</b>	<b>6,186,422.00</b>	<b>337652</b>	<b>23</b>												<b>6,569,029.00</b>	<b>397094</b>	<b>83</b>																	

1917													1918																
AU TRAIN	1,293,160.00	36907	86	2	86	2568	48	20648	92	13654	46	16336	40	44	1,629,095.00	34624	45	2	13	2134	62	15889	83	16600		18238	35	52	
BURT	936,415.00	56079	42	5	99	2835	35	22834	21	30409	86	36265	10	64	1,501,270.00	48674	32	3	24	1967	12	14643	06	32064	14	32138	88	65	
GRAND ISLAND	151,720.00	5216	39	3	43	416	02	3350	37	1450	00	4894	49	93	386,020.00	7520	93	2	08	505	77	3765	16	3250	00	7428	98	98	
LIMESTONE	975,900.00	40954	76	4	22	1593	44	12832	58	26528	74	10670	14	26	1,123,415.00	42045	44	3	74	1472	02	10957	53	29615	89	11072	83	26	
MATHIAS	691,645.00	34827	26	5	06	1520	50	12245	16	21061	60	8715	53	25	742,685.00	29133	56	3	93	973	14	7243	98	20916	44	4748	74	16	
CITY OF MUNISING	1,907,130.00	96282	63	5	11	4718	65	38001	03	53562	95	12296	92	13	4,553,875.00	138545	50	3	04	5966	98	44417	46	88161	06	16810	66	12	
MUNISING TWP.	1,030,830.00	51574	24	5	01	3041	87	24497	37	24035	00	25575	84	49	2,115,625.00	45607	34	2	16	2772	12	20635	34	22199	88	18310	17	40	
ONOTA	419,215.00	21734	13	5	42	1279	53	10304	60	10150	00	8210	95	38	1,223,495.00	31536	84	2	58	1603	16	11933	68	18000	00	11735	60	37	
ROCK RIVER	1,407,050.00	56891	17	4	06	2274	41	18316	76	36300	00	25932	80	45	1,371,735.00	55176	98	4	03	1797	39	13379	59	40000	00	19701	71	35	
<b>TOTAL</b>	<b>8,813,125.00</b>	<b>400467</b>	<b>86</b>	<b>4</b>	<b>65</b>	<b>20248</b>	<b>25</b>	<b>163067</b>	<b>00</b>	<b>217152</b>	<b>61</b>	<b>148898</b>	<b>17</b>	<b>37</b>	<b>14,672,215.00</b>	<b>432865</b>	<b>36</b>			<b>19192</b>	<b>32</b>	<b>142863</b>	<b>63</b>	<b>270807</b>	<b>41</b>	<b>140185</b>	<b>92</b>	<b>32</b>	
<b>TOTAL COUNTY</b>	<b>8,813,125.00</b>	<b>400467</b>	<b>86</b>												<b>14,672,215.00</b>	<b>432865</b>	<b>36</b>												

# ALGER COUNTY TAXES

TOWNSHIP	1919											1920										
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.	
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%				
AU TRAIN	1,569,498.00	366,774.5	2.34	55.15	65.17	66.18	80.13	500.00	206,483.56	1,611,308.00	399,493.0	2.48	54.09	81.18	53.99	49.16	00.00	217,284.54				
BURT	1,498,810.00	63,847.8	4.26	52.67	60.16	67.50	70.41	72.66	1,498,810.00	73,926.67	4.61	52.49	26.17	98.31	50,688.10	45,629.20	61.61					
GRAND ISLAND	336,520.00	8,719.45	2.62	11.82	55.37	86.90	37.50	00.00	8,044.76	317,270.00	8,870.79	2.80	11.11	54.38	25.39	25.00	00.00	8,308.50				
LIMESTONE	1,062,945.00	45,621.06	4.30	37.35	45.11	61.45	29.24	16.29	1,092,323.00	42,603.35	3.91	38.26	90.13	114.83	25,661.62	12,951.72	30.30					
MATHIAS	719,975.00	32,930.63	4.58	25.30	15.81	02.00	22.98	48.16	5,446.54	738,140.00	42,248.13	5.73	25.86	03.88	62.36	30,799.74	7,087.76	17.17				
CITY OF MUNISING	4,500,735.00	159,704.55	3.55	15.81	95.50	64.35	93.24	25.11	178,560.11	4,423,425.00	185,663.90	4.21	15.49	22.53	109.12	117,057.56	24,434.45	13.13				
MUNISING TWP.	2,083,475.00	64,589.47	3.10	73.21	92.23	44.80	33.82	75.41	26,680.23	2,111,676.00	73,694.11	3.52	73.98	83.25	353.54	40,942.44	30,277.84	41.41				
ONOTA	1,220,600.00	42,025.45	3.45	42.89	85.13	35.60	24,000.00	00.00	15,628.82	1,411,725.00	42,501.70	3.49	41.79	27.14	322.43	24,000.00	15,681.77	37.37				
ROCK RIVER	1,336,215.00	48,590.40	3.65	46.95	80.15	03.60	28.58	00.00	18,279.48	1,192,905.00	53,753.57	3.81	49.45	90.16	94.67	31,858.00	20,539.66	38.38				
TOTAL	14,328,773.00	502,706.26		50.35	92.16	124.00	291.10	34.16	1,682.74	14,397,087.00	563,211.51	3.91	50.20	06.17	205.00	340,957.45	186,639.13	33.33				
TOTAL COUNTY	14,328,773.00	502,706.26								14,397,087.00	563,211.51											

TOWNSHIP	1921											1922										
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.	
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%				
AU TRAIN	1,525,836.00	41,560.58	2.73	46.78	43.21	88.15	15,000.00	23,855.78	57.15	1,493,885.00	38,290.98	2.58	39.92	10.18	29.88	88.16	00.00	224,836.4				
BURT	1,494,135.00	74,732.45	5.02	45.80	55.21	24.34	48,727.56	49,657.46	66.66	1,467,385.00	68,760.72	4.68	39.21	31.17	96.57	46,873.84	46,420.94	67.67				
GRAND ISLAND	312,770.00	7,978.64	2.56	9.20	98.43	07.66	2,750.00	7,399.23	32.32	302,770.00	7,266.06	2.41	8.09	11.37	06.95	2,750.00	6,768.15	92.92				
LIMESTONE	1,030,325.00	50,095.97	4.85	31.43	73.14	704.00	32,248.24	16,150.48	32.32	1,022,093.00	42,421.77	4.64	27.31	36.12	51.37	99.27	17,176.62	15,623.29	37.37			
MATHIAS	734,675.00	37,192.57	5.31	22.27	70.10	41.95	24,545.35	6,497.95	17.17	753,320.00	36,936.80	4.93	20.13	21.92	23.59	25,700.00	6,908.59	18.18				
CITY OF MUNISING	4,007,505.00	206,912.22	5.18	12.33	28.57	70.14	136,864.80	30,485.19	15.15	3,856,650.00	189,528.50	4.94	10.30	05.47	217.37	132,005.08	25,927.54	14.14				
MUNISING TWP.	1,884,031.00	86,984.15	4.62	5.78	08.27	06.93	54,135.14	36,568.10	42.42	1,823,145.00	88,287.06	4.86	48.71	99.22	321.15	61,093.92	38,226.81	43.43				
ONOTA	1,207,385.00	46,963.81	3.90	36.92	60.17	271.21	26,000.00	17,243.37	36.36	1,241,780.00	47,420.57	3.82	33.18	19.15	202.38	28,900.00	16,869.53	36.36				
ROCK RIVER	1,351,840.00	57,697.85	4.37	39.31	32.18	38.73	35,378.80	22,528.24	39.39	1,283,790.00	57,084.20	4.46	34.30	75.15	718.05	37,935.40	22,437.33	39.39				
TOTAL	13,548,502.00	610,118.24	4.34	41.29	67.19	168.68	375.64	89.21	038.80	13,244,818.00	575,996.66		35.39	07.16	167.73	378,434.86	201,665.82	35.35				
TOTAL COUNTY	13,548,502.00	610,118.24								13,244,818.00	575,996.66											



# ALGER COUNTY TAXES

TOWNSHIP	1923												1924											
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.			
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%						
AU TRAIN	1,480,495 00	42131 06	2 85	3993	22	21137	84	17000	00	24601	99	58	1,482,875 00	38430 66	2 59	3005	31	19925	35	15500	00	21498	79	55
BURT	1,495,095 00	71916 82	4 81	3696	85	19569	03	48650	94	47823	63	66	1,549,900 00	72651 48	4 69	2942	64	19509	84	50199	00	48016	35	65
GRAND ISLAND	268,270 00	9536 05	3 56	1054	44	5581	61	2900	00	8791	98	91	264,870 00	13909 32	5 26	787	59	5221	73	7900	00	12829	19	91
LIMESTONE	1,062,745 00	49733 92	4 68	2178	77	11533	15	36022	00	18011	23	36	1,038,450 00	64705 56	6 26	1686	83	11183	73	51835	00	24111	37	37
MATHIAS	765,650 00	38118 00	4 98	1893	72	10024	28	26200	00	7093	40	18	740,625 00	36231 94	4 93	1406	13	9322	69	25503	12	6767	78	18
CITY OF MUNISING	3,875,335 00	241852 32	6 25	9273	18	49086	98	183492	16	32869	25	14	3,967,535 00	250162 58	6 32	6972	78	46229	80	196960	60	34766	31	14
MUNISING TWP	1,726,246 00	95931 47	5 56	4516	40	23907	23	67507	84	43034	44	44	1,657,699 00	93452 83	5 64	3147	22	20866	21	69439	40	41563	74	44
ONOTA	1,212,910 00	65929 64	5 44	3087	29	16342	35	46500	00	22795	94	34	1,214,110 00	65588 23	5 43	2305	13	15283	10	48000	00	22719	17	34
ROCK RIVER	1,347,240 00	60583 79	4 53	2660	85	14085	04	43837	90	24396	49	40	1,226,030 00	53674 99	4 39	1758	14	11656	55	40260	00	20317	44	37
TOTAL	13,233,989 00	675733 07	4 81	32354	72	171267	51	472110	84	229418	26	34	13,142,094 00	688808 19	5 24	24011	77	159199	00	505597	42	232590	14	34
TOTAL COUNTY	13,233,989 00	675733 07	4 81										13,142,094 00	688808 19	5 24									

TOWNSHIP	1925												1926											
	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.			
				AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%				AMOUNT	%	AMOUNT	%						
AU TRAIN	1,290,850 00	32964 70	2 56	3182	85	14281	85	15500	00	17923	01	54	1,232,560 00	29597 03	2 40	2916	88	9680	15	17000	00	15821	65	53
BURT	1,565,890 00	66024 00	4 22	3583	86	16081	24	46358	90	43377	16	65	1,544,855 00	63500 64	4 12	3439	05	11413	03	48648	56	41426	25	65
GRAND ISLAND	264,870 00	10179 22	3 85	949	35	4259	87	4970	00	9406	07	92	268,595 00	5671 07	2 15	778	27	2582	80	2400	00	5242	81	92
LIMESTONE	1,041,530 00	51321 06	4 93	2040	42	9155	64	40125	00	20298	40	40	841,545 00	32617 30	5 26	1657	27	5499	93	37125	00	17851	98	55
MATHIAS	601,650 00	33454 39	5 56	1376	75	6177	64	25900	00	6082	05	18	653,365 00	44282 20	4 99	1370	12	4546	95	26700	23	6126	28	14
CITY OF MUNISING	4,027,810 00	212073 02	5 27	8542	51	38331	31	165199	20	28284	53	13	4,012,870 00	211565 50	5 25	9235	46	30649	34	171680	70	27265	32	13
MUNISING TWP	1,647,133 00	80482 93	4 89	3769	36	16913	57	59800	00	44904	56	55	1,525,300 00	64239 82	4 25	2991	79	9928	73	51319	30	36688	15	57
ONOTA	1,192,400 00	68813 26	5 78	2728	80	12244	46	53840	00	21779	43	31	1,128,875 00	64356 57	5 70	2513	87	8342	70	53500	00	20382	27	31
ROCK RIVER	1,125,230 00	45802 25	4 07	1888	60	8474	42	35439	23	16346	54	35	1,004,150 00	44397 10	4 42	1705	62	5660	37	37031	12	14620	80	33
TOTAL	12,757,363 00	601114 83		28062	50	125920	00	447132	33	208401		34	12,212,115 00	560317 33	4 59	26608	33	88304	00	445404	91	185425	51	33
TOTAL COUNTY	12,757,363 00	601114 83											12,212,115 00	560317 24	4 59									

# ALGER COUNTY TAXES

1927

1928

TOWNSHIP	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.				
				AMT.	%	AMT.	%	AMT.	%	AMT.	%				AMT.	%	AMT.	%							
AU TRAIN	1,187,650 00	29,119 00	2 46	35 50	90	105 68	20	15000	00	15 17	77	52	1,172,480 00	26530	81	2 27	2804	20	10226	61	13500	00	13797	76	52
BURT	1,540,160 00	74987 07	4 88	46 23	88	13761	59	56601	60	4981	78	66	1,567,360 00	71026	81	4 56	3748	63	13670	82	53607	36	47271	33	66
GRAND ISLAND	246,735 00	4587 76	1 87	726	26	2161	50	1700	00	415	06	90	246,795 00	4392	86	1 78	590	26	2152	60	1650	00	3967	63	90
LIMESTONE	751,025 00	49834 34	6 64	2243	43	6676	91	40914	00	2197	21	44	724,750 00	37554	78	5 20	1733	37	6321	41	29500	00	485	73	01
MATHIAS	628,875 00	29253 05	4 77	1870	25	5566	25	21816	55	542	27	18	591,250 00	27271	08	4 63	1414	08	5157	00	20700	00	5166	32	19
MUNISING CITY	3,635,500 00	184800 45	5 10	10136	83	30169	22	144494	40	1406	86	07	3,710,190 00	184110	20	4 98	8694	23	31706	86	143709	11	7128	36	04
MUNISING TWP	1,527,652 00	70606 96	4 60	4552	53	13549	23	52505	20	4268	47	59	1,519,855 00	70182	38	4 63	3635	01	13256	48	53290	89	41670	99	59
ON OTA	972,075 00	64423 69	7 39	2926	15	8708	80	52788	74	2043	10	31	856,340 00	40763	14	4 75	2048	09	7469	17	31245	88	13022	87	32
ROCK RIVER	965,780 00	48150 51	7 29	2868	86	8538	30	36743	35	1509	73	31	640,785 00	44786	76	6 99	1532	56	5589	05	37665	15	11842	15	26
TOTAL	11,457,452 00	555762 93	4 85	33499	09	99700	00	422563	84	18822	25	34	11,029,805 00	506618	82	4 60	26200	43	95550	00	384868	39	144353	14	28

1929

1930

AU TRAIN																										
BURT																										
GRAND ISLAND																										
LIMESTONE																										
MATHIAS																										
MUNISING CITY																										
MUNISING TWP																										
ON OTA																										
ROCK RIVER																										
TOTAL																										



**PLAT OF  
THE CLEVELAND-CLIFFS IRON COMPANY'S FIRST ADDITION  
TO THE  
CITY OF NEGAUNEE, MICHIGAN**

Know All Men By These Presents, that THE CLEVELAND-CLIFFS IRON COMPANY, a corporation organized under the laws of the State of Ohio and authorized to do business in the State of Michigan, by Wm G. Mather President, and E. H. Jaynes Assistant Secretary, as aforesaid, has caused to be surveyed, laid out and divided that portion of the Northwest quarter (NW 1/4) of the Northeast quarter (NE 1/4) and the Southeast quarter (SE 1/4) of Section 18, Town Forty-seven (47) North, Range Twenty-six (26) West, and the Southwest quarter (SW 1/4) of the Southeast quarter (SE 1/4) and the Southeast quarter (SE 1/4) of Section 19, Town Forty-seven (47) North, Range Twenty-six (26) West, of the City of Negaunee, Marquette County, Michigan, described as follows:

Beginning at a point which is south 8.47 feet and east 11.85 feet from the quarter section corner between Section 18 (N. 1/4), Township 47 North, Range 26 West, and Section 19 (S. 1/4), Township 47 North, Range 26 West, to the West corner of the Northeast quarter (NE 1/4) of Section 18, North 81° 51' 0" East 625.45 feet, thence north 21° 11' East 129.95 feet, thence North 52° 22' East 225.11 feet, thence due West 249.45 feet, thence due North 131.68 feet, thence due West 1012.76 feet, thence North 87° 34' East 1228.45 feet, thence North 21° 01' East 745.89 feet to place of beginning.

That this plat shall be and is hereby designated as "The Cleveland-Cliffs Iron Company's First Addition to the City of Negaunee, Michigan," and that the streets and alleys shown on said plat are hereby dedicated to the use of the public as highways, and the several of said dedicated streets are hereby dedicated to the use of the public for park purposes, and said The Cleveland-Cliffs Iron Company, covenants from the operation of this grant and all interests, uses and profits that may exist or that be discovered in, on or under said land with the right to lease, its successors and assigns, forever to enter at any time hereafter on said land and to explore for, mine and remove said minerals, ores and metals and the such surface to lay electric, gas or such other lines, remove earth and rocks on any part of the surface of said land, and to do any other things as may seem necessary or convenient for the successful prosecution of mining operations upon said land, or adjoining lands, but only in such manner as shall not interfere with the use of said streets and alleys by the public.

IN WITNESS WHEREOF The Cleveland-Cliffs Iron Company has caused these presents to be duly executed this 3<sup>rd</sup> day of December A. D. 1928

Witness my hand and seal in presence of:  
H. G. Mather President  
Geo. H. Thobaben Assistant Secretary  
E. H. Jaynes Assistant Secretary

STATE OF OHIO  
 COUNTY OF CUYAHOGA  
 On the 3<sup>rd</sup> day of December A. D. 1928 before me,  
Geo. H. Thobaben and E. H. Jaynes appeared  
Wm G. Mather and E. H. Jaynes to me personally known, who being duly sworn did say that they are the President and Assistant Secretary respectively of The Cleveland-Cliffs Iron Company, an Ohio corporation, which made the above mentioned Plat, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was read and in behalf of said corporation by authority of its Board of Directors and the said Wm G. Mather and E. H. Jaynes acknowledged said instrument to be the free act and deed of said corporation.

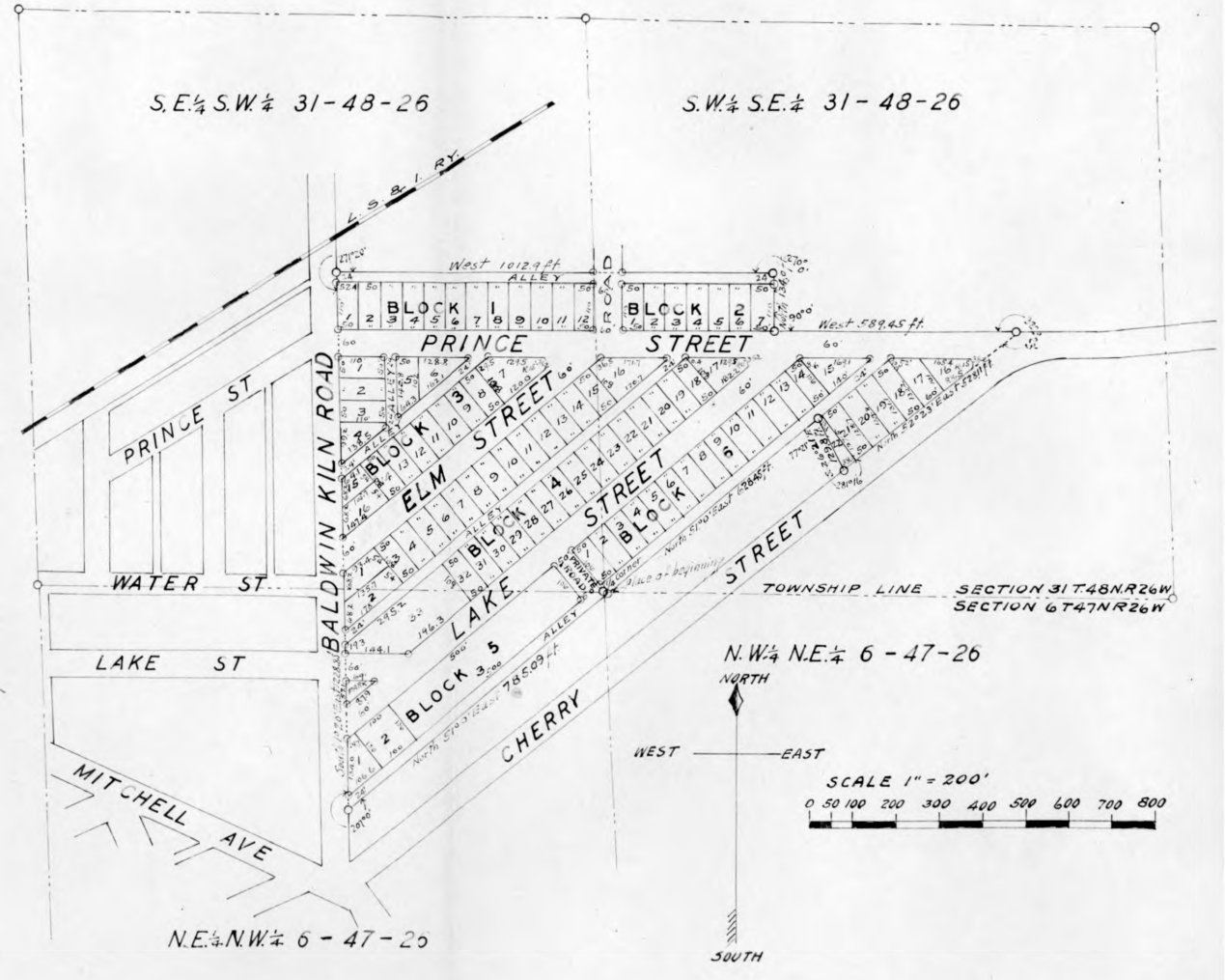
Geo. H. Thobaben  
 Mayor of Negaunee, Michigan  
 My Commission expires February 12, 1929

I hereby certify that the plat herein delineated is a correct one, and that permanent monuments consisting of iron pins one inch in diameter, set in concrete, have been located at all points marked thereon as shown on said plat, at all angles in the boundaries of the lands platted, and at all intersections of streets, alleys, streets and alleys and intersections of streets and alleys with the boundaries of the plat.

R. A. Broderick  
 Registered Civil Engineer

CERTIFICATE OF MUNICIPAL APPROVAL  
 This plat was approved by the City Council of the City of Negaunee, Marquette County, Michigan, at a meeting thereof held on the 15<sup>th</sup> day of January A. D. 1929  
 Dated Jan 16 1929  
Samuel C. Mitchell  
Joe H. Goodman  
 City Recorder

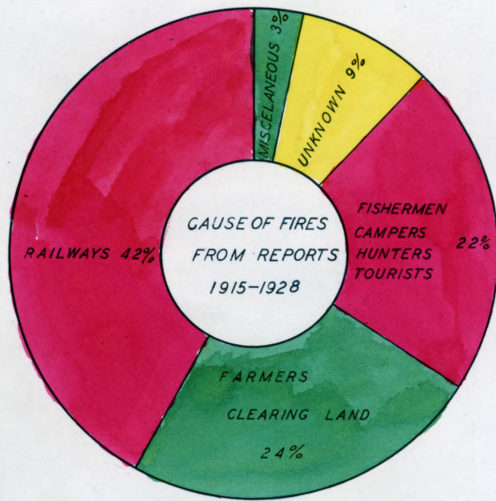
CERTIFICATE OF COUNTY PLAT BOARD  
 THIS PLAT approved by me \_\_\_\_\_ 1928  
 Probate Judge  
 County Clerk  
 County Treasurer



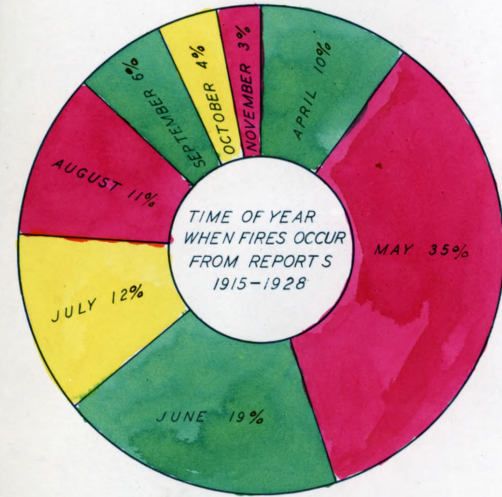
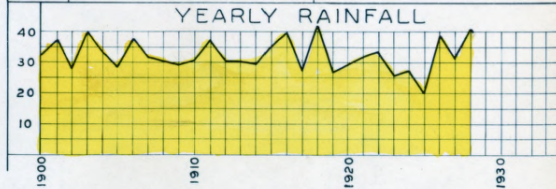
Seal

Seal

# FOREST FIRES



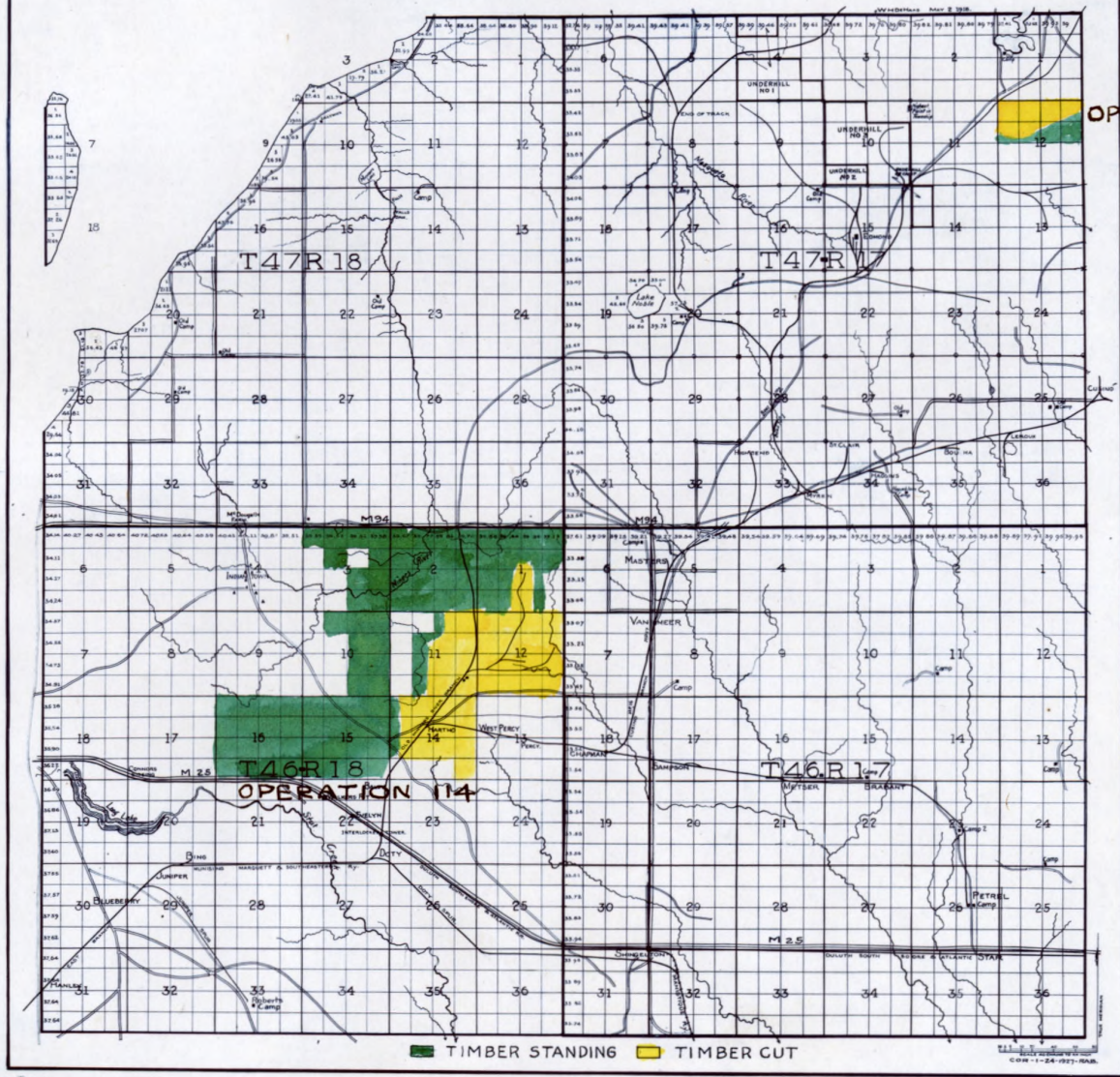
YEAR	NUMBER OF FIRES ON CCICO LAND	LOSS FROM FIRES ON CCICO LAND
1915	34	3038
1916	25	124
1917	22	1012
1918	27	1641
1919	56	8898
1920	22	53535
1921	56	17655
1922	4	00
1923	36	56857
1924	29	81529
1925	71	33158
1926	4	00
1927	4	00
1928	00	00
1929		
1930		
1931		
1932		
1933		
1934		



R. A. BROTHERTON, C. E.  
NEGAUNEE, MICH.



MUNISING WOODENWARE CO. OPERATIONS  
 TOWNS 46 & 47 RANGES 17 & 18  
 ALGER COUNTY MICHIGAN

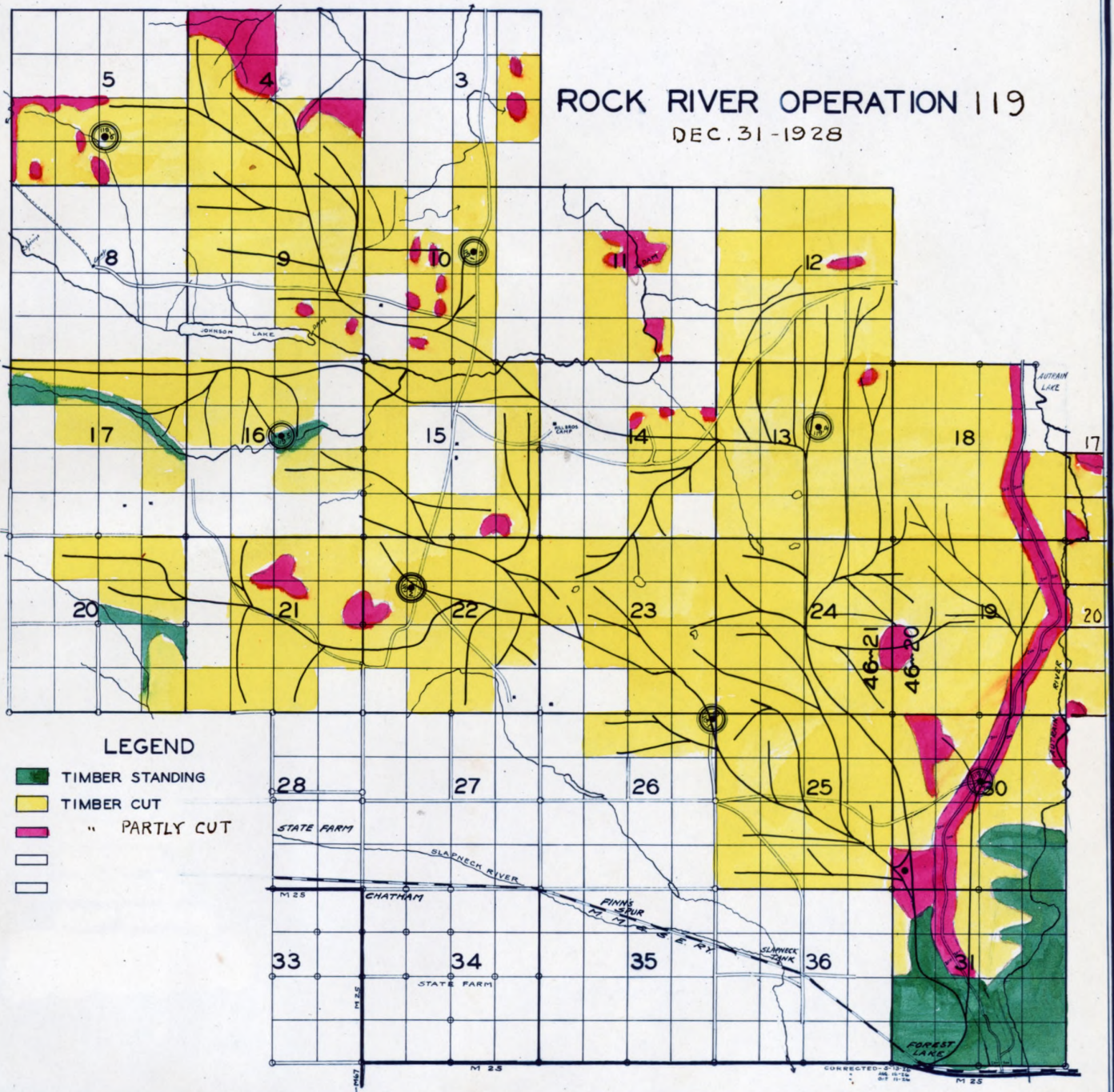


OPERATION  
166



# ROCK RIVER OPERATION 119

DEC. 31 - 1928



### LEGEND

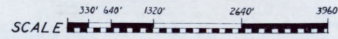
- TIMBER STANDING
- TIMBER CUT
- " PARTLY CUT
- 
-





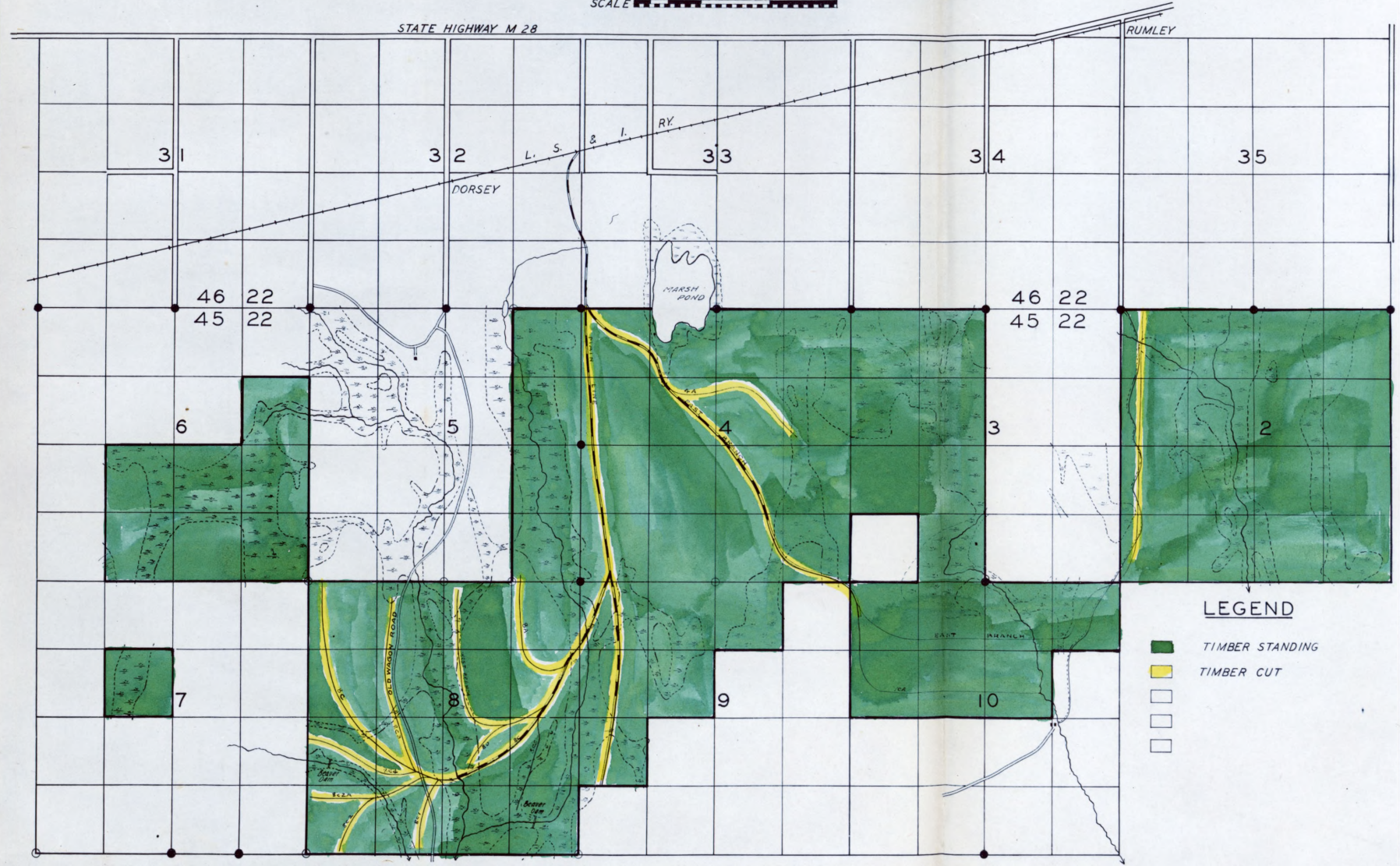


# LOGGING OPERATION 159



STATE HIGHWAY M 28

RUMLEY



## LEGEND

- TIMBER STANDING
- TIMBER CUT
- 
- 
-



# EXPERIMENTAL FOREST

## LAKE STATES FOREST EXPERIMENT STATION RUSE MICH.

### NORTH 1/2 SECTION 35 T. 46 N. R. 23 W.

SCALE 0 100 200 300 400 500 600 700 800 900 1000 1100 1200

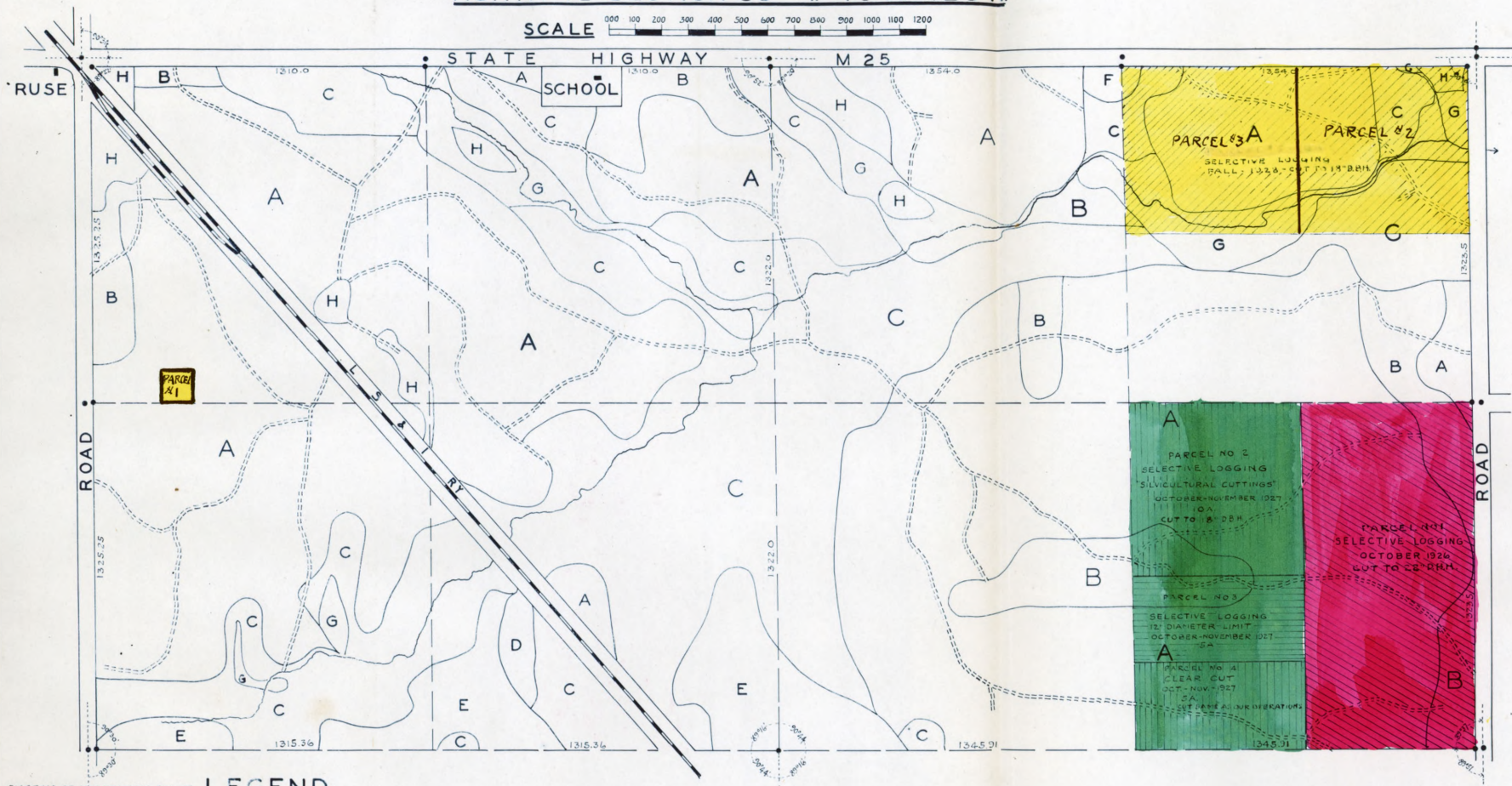
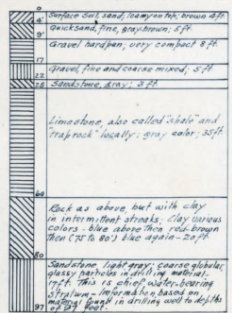


DIAGRAM OF UNDERLYING SOIL AT U. R. EXP. STATION, RUSE, MICHIGAN



### LEGEND

HARDWOODS		HARDWOOD CONIFERS		HEMLOCK HARDWOODS	CONIFEROUS SWAMP	SECOND-GROWTH HARDWOODS	ALDER SWAMP	OPEN
A	B	C	D	E	F	G	H	
HEAVY	LIGHT							
AVERAGE STAND PER ACRE GROSS	13.2 M	5.3 M	8.1 M	16.3 M	6.2 M			
AREA - ACRES	17.0	23.0	75.0	1.0	12.0	0.6	14.0	4.0

### ESTIMATE OF TIMBER

	HARDWOOD				SOFTWOOD				PULPWOOD		MISCELLANEOUS				TOTAL cu. ft.	TOTAL PER ACRE				
	BIRCH	MAPLE	ELM	WALNUT	ASH	HEMLOCK	PINE	SPRUCE	BALSAM	CEDAR	TAMARACK	BALSAMIC	SPRUCE CD.	HARDWOOD CD.			CEDAR POSTS	CEDAR TIES	CEDAR POLES	MISCELLANEOUS
HOWIE 1913	255,000	1,635,000			58,000	13,000	14,000	22,000		120,000		200	15	6,900	6,900	5,000	975		2,117,000	631+
LOWNEY 1926	175,000	1,880,000	3,000		7,000	10,000	15,000	7,000	5,000	55,000	2,000	75	30	4,500	2,000	1,700	360	9700	2,601,000	8,130
GOV'T 1926	423,400	2,021,500	9,300	4,600	39,900	21,700				43,000	26,100	271,200							2,861,700	8,94+

NOTE: IN LOWNEY'S ESTIMATE, PULPWOOD AND MISCELLANEOUS PRODUCTS WERE REDUCED TO 4 FT. AS FOLLOWS: PULPWOOD 50,000 FT CEDAR POST 10,000 FT CEDAR TIES 54,000 CEDAR POLES 1800 FT HARDWOOD TIES 210,000 FT OR A TOTAL OF 442,800 FT ALSO 20,900 FT OF BIRDSEYE MAPLE WAS INCLUDED IN MAPLE ESTIMATES.



# LAKES STATES FOREST EXPERIMENT STATION

## TIMBER CUTTINGS ON SE 1/4 NE 1/4 SECTION 35 46 23

PARCEL NO 2 AREA 10 ACRES

PARCEL NO 1 AREA 20 ACRES

DATE OF CUTTING	TIMBER REMOVED			GROSS VALUE	OPG COST	PROFIT	BD. FT. REMOVED PER ACRE	PROFIT PER ACRE	CORDWOOD REMOVED	REMARKS	DATE OF CUTTING	TIMBER REMOVED			GROSS VALUE	OPG COST	PROFIT	BD. FT. REMOVED PER ACRE	PROFIT PER ACRE	CORDWOOD REMOVED	REMARKS
	LOGS	MNG. TIM.	TOTAL									LOGS	MNG. TIM.	TOTAL							
OCT. NOV. 1927	47,319	6,125	48,444	1478.38	548.63	929.75	4,844	92.97		CUT TO 18" DBH	OCT. 1926	45,173		45,173	1428.52	544.29	884.23	2,258	44.21	148 cdb	CUT TO 22" DBH

PARCEL NO 3 AREA 5 ACRES

DATE OF CUTTING	TIMBER REMOVED			GROSS VALUE	OPG COST	PROFIT	BD. FT. REMOVED PER ACRE	PROFIT PER ACRE	CORDWOOD REMOVED	REMARKS
	LOGS	MNG. TIM.	TOTAL							
OCT. NOV. 1927	27,127	10,412	37,539	1090.34	425.13	665.21	7,508	133.04		CUT TO 12" DBH.

PARCEL NO 4 AREA 5 ACRES

DATE OF CUTTING	TIMBER REMOVED			GROSS VALUE	OPG COST	PROFIT	BD. FT. REMOVED PER ACRE	PROFIT PER ACRE	CORDWOOD REMOVED	REMARKS
	LOGS	MNG. TIM.	TOTAL							
OCT. NOV. 1927	39,064	14,088	53,152	1550.97	601.99	948.98	10,630	189.79		CLEAN CUTS SAME AS 02100. OPG.

TOTAL OF PARCELS 2-3-4

DATE OF CUTTING	TIMBER REMOVED	GROSS VALUE	OPG COST	PROFIT	BD. FT. REMOVED PER ACRE	PROFIT PER ACRE	CORDWOOD REMOVED
OCT. NOV. 1927	108,510	39,625	13,913	41,712	11,962	2543.94	6,356

ESTIMATE OF TIMBER ON SE 1/4 - NE 1/4 - 35-46-23

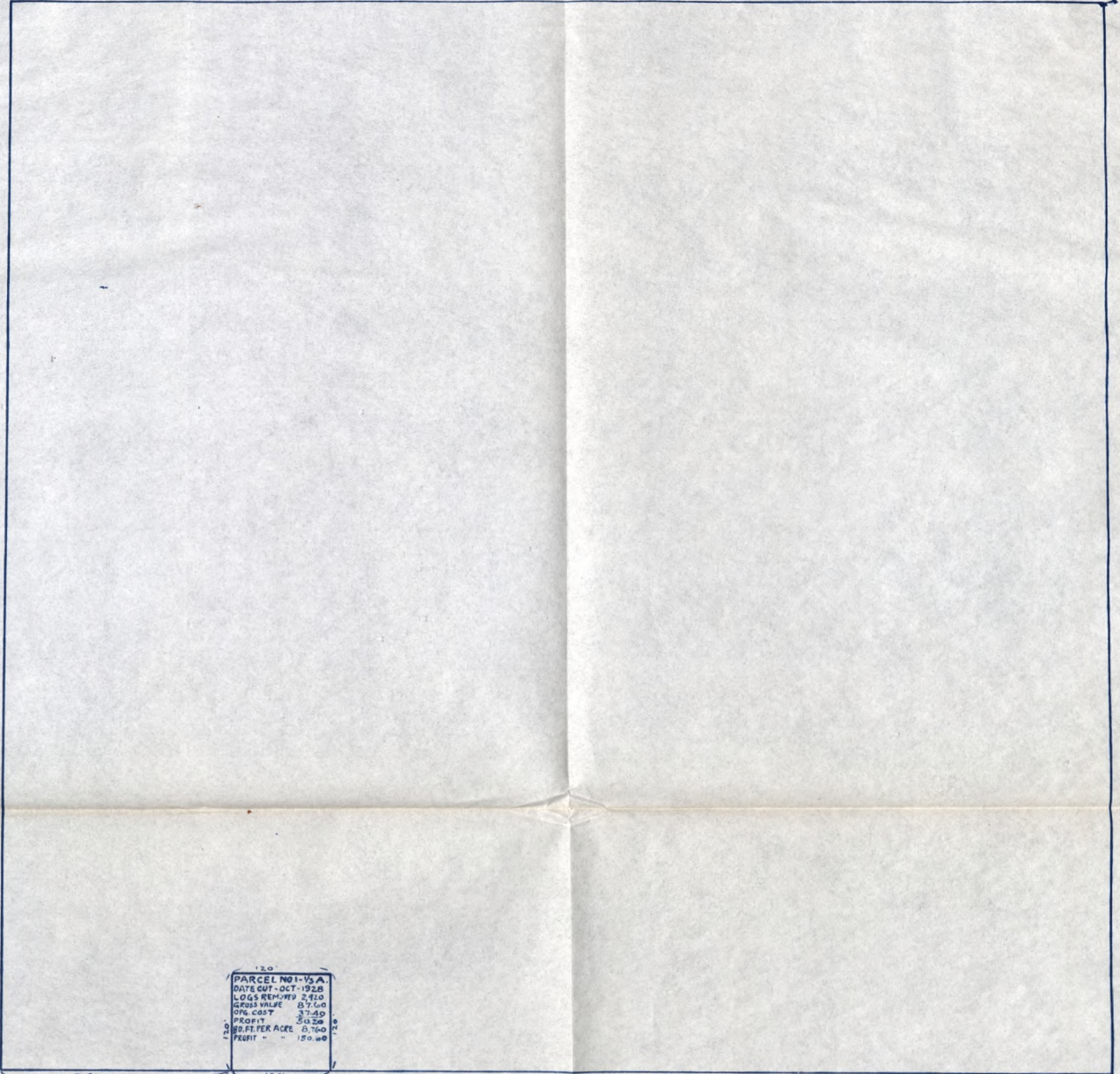
SPECIE	ESTIMATE BY LOWNEY MCH. 31-1926	CUT AND REMOVED 1926-1927	REMAINING NOV. 30-1927	ESTIMATE BY LOWNEY AUG. 19-1928
BIRCH	25,000	10,844	14,156	15,000
MAPLE	395,000	173,163	221,837	230,000
BLACK ASH		301		
HARDWOOD CDS.	600	458	142	440







LAKE STATES FOREST EXPERIMENT STATION  
TIMBER CUTTINGS ON NW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub> SECTION 35-46-23



2.0'  
PARCEL NO 1-15A  
DATE CUT - OCT - 1928  
LOGS REMOVED 2,710  
GROSS VALUE \$7,140  
OPER. COST 37.50  
PROFIT 50.50  
\$8.75 PER ACRE 8,760  
RENTY - 150.00

280'

110'

R.A.B.



# LOGGING COST PER M FEET BORNE BY LAND DEPARTMENT





THE CLEVELAND-CLIFFS IRON COMPANY  
 LAND DEPARTMENT  
 STATEMENT OF FOREST FIRES OCCURRING DURING THE YEAR 1928 AS REPORTED BY THE VARIOUS  
 DEPARTMENTS OF THE CLEVELAND-CLIFFS IRON COMPANY.

REPORT NO.	DATE 1928	LOCATION	OWNER OF LAND			CAUSE			PREVENTABLE OR NOT	ATTRIBUTABLE		QUANTITIES & KINDS	LOSS			LOSS VALUE TO OUTSIDE PARTIES
			CO.	CO. LAND SOLD	OTHER PARTIES	SPARKS FROM ENGINE	FARMERS BURNING BRUSH	MISCL.		TO PRACTICES OF COMPANY	TO PRACTICES OF OUTSIDE PARTIES		LAND DEPT.	LBR. DEPT.	RY. DEPT.	
1	Apr. 28	6 different places between Harvey & Mangum				1			No.			Grass				
2	May 12	1/4 mile west of Slapneck				1			"			Grass				10 min. labor
3	May 10	2 miles east of Little Lake				1			"			Grass				12 hrs. "
4	May 14	1/2 mile east of Mack switch				1			"			Grass				6 " "
5	May 14	3/4 mile of North Lake siding				1			"			Grass				6 " "
6	May 14	1 mile west of Skandia at M. P. 35				1			"			Grass and black muck				8 " "
7	May 22	3/4 mile west of Poe Spur				1			"			Dry stump				3 " "
8	May 22	East end of set out truck belonging to L.S. & I. on M. & L.S. Track.				1			"			Grass				5 " "
9	May 25	About 200 ft. east of Cliffs Shaft switch			1	1			"			Black muck				11 " "
10	May 26	300 ft. west of M. P. No. 4				1			"			Dry grass				
11	May 28	Consolidated Fuel & Lbr. Co. yard 100 yds. east of switch.				1			"			Grass				15 min. labor
12	June 6	3/4 mile west of Birch							Yes		1	Grass				10 hrs. "
13	May 31	Bridge 9, Queen Mine							Unknown			Grass				
14	June 7	1 1/2 miles east of Little Lake				1			No			Grass				4 " "
15	June 7	Mile Post 39				1			"			Grass				
16	June 8	1/2 mile east of Carlshend						1	Yes		1	Brush				
17	June 14	1/4 mile west of Myron switch							Unknown							
18	June 14	First curve west of Myron				1			No							
19	June 15	Between Basil and Mangum					1		Yes		1	Tie Piles				
20	June 15	3 3/4 miles west of Birch				1			No			Grass				18 hrs. "
21	June 16	One mile east of Little Lake				1			"			Grass				
22	June 21	Between Big Creek and Mangum				1			"							
23	June 27	Signal tower at crossing with Marquette City Street Railway Company near Furnace							"			In roof of tower				
24	Aug. 14	Right-of-way near Schneider & Brown mill				1			"							
25	Aug. 14	3/4 Mile east of Juniper				1			"			Grass and brush				24 hrs. labor
26	Oct. 3	On Bridge 459-14, south main line				1			"			On a cap east end of bridge				5 mins. "

MD-2.  
1/25/29.



REPORT OF STEPHEN LOWNY, SR., LAND LOOKER,  
FOR YEAR 1928.

Following is a report of the work in general done on The Cleveland-Cliffs Iron Company's lands during the year 1928 by the Land Lookers.

During the year the Company had two crews, comprising four men, continuously engaged. One in charge of Stephen Lowney, Jr., with his compassman, Toivo Pelto, and our own party consisting of Thomas Billings and myself.

During the year Stephen Lowney, Jr., examined 31,400 acres of land and 186 trespasses. If the time he took working on other projects, patrolling, looking for trespasses and collecting them, etc., is taken out, then the cost of examining these lands would not be more than ten cents per acre.

The trespasses he found were about as follows:

- 60 for cutting second growth timber, mostly hardwood for fuel, by farmers and others living near Ishpeming, National Mine, Negaunee, Palmer, Goose Lake, etc., and ranged in quantities from one to twenty cords.
- 4 for gravel being taken from Company land.
- 2 for cordwood cut by the Company's Lumbering Department on lands owned by Jackson & Tindle.
- 120 for saw logs, etc., ranging in quantities from one to twenty M. Ft.

The most detrimental feature of this trespassing second growth timber is not so much in the quantities they cut and remove, as is the injury and loss that is likely to develop from these scattered haphazard slashings, making fire hazards in these young and generally thrifty second growth forests which, if protected from fires, will in a few years be large enough to furnish to the Company's mines and their other industries a good share of the timber and lumber necessary for their needs.

Our own party examined 21,000 acres of land and 32 trespasses. The cost of examining these lands would be about ten cents per acre if the time spent on other projects was cut out.



The character of the trespasses we found were as follows:

- 1 for cutting and maintaining a wagon road through Company's lands.
- 4 for cutting and maintaining a logging road through Company's lands.
- 1 for drain ditch through Company's lands.
- 2 for occupying hunting camps on Company's lands.
- 24 for cutting saw logs, etc., ranging in quantities from 2 to 30 M.  
Ft. on Company's lands.

In addition spent considerable time patrolling the lands to prevent trespasses, also spent considerable time examining township and state roads which are under repair or construction to prevent them from cutting any timber that was not absolutely necessary and to also see and insist that they do the work in a manner that does not increase the fire hazard, etc., also took various prospective purchasers over the lands, worked on records in the Negaunee Land Office, interviewed various Supervisors and Township officials regarding unreasonably high values they had on Company's lands which meant unjust and excessive taxation, and examined and reported on the condition of the New Dalton Saw Mill and on the character of the buildings adjacent to it. Since then the supplies and mill machinery, etc., have been disposed of and the land and remaining material sold to Mr. Benzing.

In company with Mr. Jopling and Mr. Derby, located and reported on the character of The Cleveland-Cliffs Iron Company's sandstone on Section 20 in Town 47-18 near what is known as Sand Point on Munising Bay.

Examined and reported on the method of selective logging, etc., being done on the E $\frac{1}{2}$  of NE $\frac{1}{4}$  of Section 35 in Town 46-23 by the United States Experimental Station.

Made a trip to the Ontonagon District to examine Mr. Mather's lands.

Examined Company's Lumbering operations in Town 46-20 and also in Town 47 of Ranges 16, 17 and 18. At intervals and especially during the latter part of the year, complaints were made by the Marquette Prison, Big Bay and the Escanaba Veneer Company against the quality of logs the Company was sending them. They said some of the logs were from 2 to 4" too short, some of them too small and crooked and many of them had large, hollow, rotten, shaky butts and more of them were dead and rotten. At your request, I then went to the Company's west yards in North Marquette where there were assembled many cars loaded with logs ready to be shipped to Big Bay, the



Marquette Prison and to the Company's Furnace. I examined these logs and found that all of the complaints made by the log buyers could be verified to a certain extent.

The Cleveland-Cliffs Iron Company also had a complaint against the Marquette Prison. The Company claimed that their scale of logs per car made by their own scaler in the woods was usually about 1 M. Ft. more per car than the scale the Prison gave them. I then went to the Prison and scaled about ten cars of the same logs that the Prison scaler, Mr. Ancliffe, scaled. The result of the scale was unusually close, the total for the contents of all of the cars being practically the same.

#### MARQUETTE FURNACE

On this trip and on several other trips made to the Furnace, noticed that about 25% of the material classed as chemical logs and also considerable of the unsplit and split cordwood being sent there would, if properly cut in the woods, make first class lumber, railroad ties, and mining timber.

#### FOREST FIRES

We have had no forest fires on Company lands during the past year, due largely to the unusually large amount of rainy weather. However, these rainy, wet summers are the exceptions and past experience teaches us that dry, warm summers are these that predominate. This feature, together with the much broken condition of the forests with their now numerous slashings and roads, makes it imperative that every one of us be on the job patrolling continuously and prepared and ready to stamp out every and all fires at their inception.

#### INSECT PESTS

About three years ago, you called my attention to a report gotten out by the Wisconsin foresters stating that much Hemlock in that State was being injured and killed from the effects of fly pests.

S. Lowney, Jr., while working on the Tahquamenon River, north of Soo Junction, this summer, reports that considerable Hemlock is being injured and killed in that region by these fly pests.



I am pleased to say, however, that so far, in our large extent of travel in the woods through Alger, Marquette, Baraga, and Ontonagon Counties, we see none of these pests and see no Hemlock or other timber injured or killed by them. We do see some Hemlock and other timber sick, dying, and dead which is due to natural causes. The porcupines live largely on Hemlock buds. They get up into these trees, bite off the smallest and tenderest branches and eat the buds. This conduct on the part of the porcupines is the means of killing considerable Hemlock timber.

#### FARMING IN THESE REGIONS

The high pay and eight hours with overtime in the automobile factories in the cities have foolishly attracted many of these owning and operating farms in these regions to leave them. These people ere long will realize their mistake and will get back to their farms and if they exercise ordinary judgment and work on their farms as steady and hard and as many hours per day as they have to at the auto factories and cut out this unwise agitation of "trying to farm by laws" and if they do as herein suggested then I am sure they will make much more money, have much more liberty and better homes than they would have working in the city factories. When this change develops, it will help to develop and cultivate these areas of cut-over lands where the soil is suitable for agriculture.

#### SECOND GROWTH TIMBER

I am pleased to report the rapid natural growth of what is called second growth timber. It is agreeably surprising to get back into these areas of second growth timber located between Marquette and Birch and between Marquette, Negaunee, Cliffs Drive, Ishpeming, Humboldt, Republic and numerous other places that we used to tramp over twenty-five or thirty years ago and report at that time that the second growth which consisted of principally Poplar, mixed with Maple, or Birch, Balsam, White Pine, Jack Pine, etc., was from 2 to 4" on the stump. We now find in these same areas a surprisingly heavy growth of tall thrifty sound second growth timber with diameters on stump of from 6 to 10" and commercial lengths suitable for pulpwood, excelsior, and woodenware products of from 20 to 40 feet. Areas of second growth timber of the character described will easily cut for the purposes mentioned 10 cords per acre.



They are now getting for this second growth timber on cars on the St. Paul and Chicago & Northwestern Railroads and for the purposes mentioned the following prices:

White Birch	6" & Up Diameter, unpeeled	\$ 7.00 per cord.
Poplar	4" " " "	7.50 " "
Balsam	4" " " "	10.00 " "
Spruce	4" " " "	15.00 " "
Jack & White Pine	4" " " "	10.00 " "
Tamarack	4" " " "	6.00 " "

TRESPASSES

During the past two weeks we have run over a considerable area of the Company's lands lying west of Range 17 looking for trespasses. We found quite a few of them but mostly in minor quantities which indicates that these parties cutting timber on lands joining these owned by The Cleveland-Cliffs Iron Company are more careful in running their lines, knowing that if they don't do so and make trespass they are sure to be caught.

I take this opportunity to thank you and to gratefully acknowledge your always friendly, loyal, whole-hearted cooperation in assisting me in every way to strengthen and better in every way the position of The Cleveland-Cliffs Iron Company's timber and lands.

SL:MD  
2/4/29.



REPORT OF MR. A. J. ERICKSON  
FOR YEAR 1928

THE CLEVELAND-CLIFFS IRON COMPANY

SALES OF LAND AND TIMBER

Following is a statement showing the sales by districts:

District	No. of Sales	Acreage	Total Am't. of Sales	Timber Value	Land Value	Avg. Price Per Acre, Land Only
Rumely-Chatham	3	129.07	\$ 1,140.00	\$ 269.40	\$ 870.60	\$ 6.75
Yalmer	1	63.01(3)	1,500.00		1,500.00	6.00
Brimley	1	40.00	200.00		200.00	5.00
Negaunee	4	187.31	3,894.97	2,686.87	1,208.10	6.45
Ishpeming	2	200.00	1,501.00	600.00	901.00	4.50
Trenary	1	40.00	675.00	435.00	240.00	6.00
Maple Ridge	1	80.00(1)	550.00	550.00		
Fayette	1	229.50(2)	25.00		25.00	
Wis. Land & Lumber Co.	1	11,255.81	618,222.89	577,280.28	40,942.61	3.64
Ford Motor Co.	1	2,376.52	134,200.00	134,200.00		
I. Stephenson Co. Trustees	1	7,074.55	221,391.00	214,316.45	7,074.55	1.00
Bay De Noquet Co.	1	12,909.33(1)	165,000.00	165,000.00		
Miscellaneous	12	1,730.49(4)	45,200.00	42,648.66	2,551.34	1.18(5)
<b>TOTAL</b>	<b>30</b>	<b>36,315.59</b>	<b>1,193,499.86</b>	<b>1,137,986.66</b>	<b>55,513.20</b>	<b>2.41(5)</b>

- (1) Timber Only Sold.
- (2) Quit Claim Deed of Mineral Interest.
- (3) Includes Buildings - Land Value \$378.06.
- (4) 544.36 Acres Timber Only.
- (5) Based only on Sales which included land.

AGRICULTURAL LANDS

The demand for agricultural lands was extremely light during the year and only four sales, of forty acres each, one at Chatham, one at Grand Marais and two north of Negaunee, were made. The agricultural situation in this district does not seem to improve although conditions as to crops and prices have been good. The Company controls considerable land in well established agricultural communities that should command a good price as soon as general agricultural situation becomes normal.

LAND AND TIMBER SALES

The principal sales were to the Wisconsin Land & Lumber Company, compris-



ing 11,335.81 acres, for a consideration of \$618,500.00 which included 80 acres of Wm. G. Mather's personal lands; the so-called Ford Small Contract comprising 2,376.52 acres for \$134,200.00 and the I. Stephenson Company, Trustees, comprising 7,074.55 acres for a consideration of \$221,391.00. The balance of the sales were made up of scattering parcels or small groups, the principal ones of which were the sales to Guy H. Burrell covering 200 acres in 46-18 and to the Wisconsin Land & Lumber Company covering 320 acres in Section 36-45-26. We were also successful in the past year in disposing of the Dalton Sawmill Property, comprising 63.01 acres, to William Benzing; the consideration of this sale was \$1500.00, in which the land was figured at \$6.00 per acre,- the balance of the consideration represents the value placed on remaining buildings; the scrap metal was not included in this sale.

#### TIMBER SALES

The largest timber sale made during the year was to the Bay De Noquet Company covering 12,909.33 acres made up principally of our holdings in the Sturgeon River Swamp; the consideration of this sale was \$165,000.00. We also disposed of 228.18 acres of timber in Section 11-45-19 to Wallace H. Masters and wife; this was timber purchased from the Charcoal Iron Company. The Brunswick Lumber Company purchased the timber on our lands in Section 6-51-27 and 32-52-27, comprising 316.18 acres, for a consideration of \$12,000.00. We also sold eighty acres of timber in 42-23 to George Lusardi for \$550.00; the timber on this land was mostly second growth Poplar and Balm of Gilead.

#### LAKE FRONTAGE SALES

The only sale that could be classed under this heading is the one to William C. Burley covering 80.01 acres in Towns 45 and 46-22 for a consideration of \$600.00. This frontage was on a small, marshy lake which is



suitable only for fur farming or propagation of ducks and geese. The land was sold for \$7.50 per acre; one forty contained no timber whatever and the timber on the other forty is reserved to the Company indefinitely. We also sold forty acres near Brimley to John A. Doelle; a small stream runs through this description and we understand Mr. Doelle intends to use this land in connection with some fur farming project.

#### MISCELLANEOUS PARCELS

The above statement of sales includes two right-of-way conveyances for highway purposes, - one covering the so-called Negaunee-East road through Towns 47-25 and 47-26 covering 67.31 acres for a consideration of \$2,974.97 and the other the highway south of Chatham, which crosses three of our forties in 45-21, covering 9.06 acres for a consideration of \$200.00. The average price received for these is \$10.00 per acre plus stumpage and land looking expense. We also sold a small parcel of land containing .13 of an acre to E. W. Peterson and wife for a gasoline station site on the SW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Section 29-46-23 for a price of \$125.00. A Quit Claim Deed was issued to Alfred A. Henes, covering our mineral interest in 229.50 acres on Little Summer Island, for a consideration of \$25.00.

#### LAND AND TIMBER NEGOTIATIONS

##### GROUP NO. 1 LANDS - HAMMERMILL PAPER COMPANY

Negotiations with these people, covering a large acreage in so-called "Group 1", in the district northeast of Newberry, were resumed and several different propositions were considered but eventually they decided they would not be interested in purchasing any of these holdings.

##### RANGE 22 LANDS

As previously reported, we were successful in disposing of these lands to the Wisconsin Land & Lumber Company and the only remaining holdings we have in Towns 44 and 45-22 are some cut-over lands suitable for agricultural purposes and the group south of Rumely which the Company intends to operate.

RANGE 23 AND 24 LANDS

The sale to the I. Stephenson Co. Trustees, covered 7,074.55 acres, in addition to which they are to take 120 acres to which we are now perfecting our title. This leaves some lands in 45-23 which are tributary to the Lake Superior and Ishpeming Railroad and for that reason were not included in this sale. In 44 and 45-24 we have left only the holdings west of the Chicago & Northwestern Railway; the greater portion of these comprise a solid grouping which should be sold as such, and the balance of the lands are scattering small groups which have been partly operated. The amount of the timber along the Northwestern available to small operators is getting smaller each year and should have a tendency to facilitate the sale of our holdings in that district. We have had a number of inquiries this past year and a few sales resulted.

BRUNSWICK LUMBER COMPANY

During the year we renewed our offer made the previous year to the Brunswick Lumber Company of all of our holdings in the district northwest of Marquette, comprising 17,691.63 acres, for a price of \$40.00 per acre but they were not interested in considering the entire group. We were successful in selling them the timber only on 316.18 acres, as previously reported, in Sections 6-51-27 and 32-52-27. We later offered them all of our holdings in Town 52-28, comprising 2,710.95 acres, at a price of \$46.00 per acre but were advised that they were interested only in considering the lands adjacent to their present operations and offered a price of \$37.00 per acre for them. Their offer covered our best lands in this Town and which we figured had a value in the neighborhood of \$60.00 per acre and their offer was therefore declined.

SPRUCE GROUP - 46-18

This is a group comprising 1,640 acres and is practically a solid stand of Spruce. We submitted it to A. W. Havela, of Duluth, at a price of



\$35,000.00 but were unable to make a satisfactory arrangement with him as to terms. This group is particularly well located being tributary either to the Lake Superior & Ishpeming, South Shore or Manistique and Northern Railroads. Mr. Havela is still anxious to make this purchase and is endeavoring to find some way of financing the deal.

#### MACKINAC NATIONAL FOREST

Our first proposal to the Government, covering 32,656.59 acres which included some timbered lands, was not accepted by the Government as they did not at this time wish to purchase any timbered holdings. The proposal was therefore revised and resubmitted on 20,549.67 acres of cut-over or barren lands at a price of \$1.50 per acre. This proposal was accepted and an option for a period of six months from November 24, 1928, was executed and accepted by the National Forest Reservation Committee. Abstracts of Title have been furnished the Government and they are now examining the title.

#### MISCELLANEOUS

In addition to the above, we had a large number of inquiries covering smaller groups and individual forties. Our holdings of small timbered groups or tracts within easy access of railroads are quite limited.

#### LAKE AND RIVER FRONTAGE

On account of press of other matters we were unable to make much progress in the special survey of our lands having lake and river frontage. However, we have this matter before us and take every opportunity to make examinations. The demand and interest in property of this character continues very good and our holdings should command a good price.

#### LOT SALES

No sales of lots at Munising during the year. One contract, which has been issued to Harold L. Dunklee, was surrendered; he purchased these lots with the intention of putting up a greenhouse but conditions have been so poor at Munising that

he was obliged to give up his flower business this fall and therefore surrendered his contract. There was no demand for our lots in Marquette and Chatham.

CLIFFLAND FARM

The crops at the Cliffland Farm, particularly the hay and potatoes, were very good but owing to the wet weather at the time of harvesting the hay, some of it was spoiled. The yield of potatoes was good but the market became demoralized this fall with the result that Koskela was unable to dispose of his crop.

Mr. Koskela kept busy improving the fertility of the soil and apparently is a good hard worker. They increased their herd of cattle this year and are wintering thirty-two head. Electric lights were installed by him in the buildings during the past year.

The total payments secured from Koskela for the year 1928 on his contract amounted to \$269.23 and the amount due and payable on December 31st, 1928 was as follows:

Principal	\$500.00
Interest to Dec. 31st	1,312.50
Balance of 1927 Taxes	218.36
Interest on Taxes	2.64
1928 Taxes	411.30
Insurance for Year ending Apr.1, 1929	82.92
<b>Total</b>	<b>\$2,527.72</b>

BEACH INN

Since this contract was issued, Mr. Heckathorn has made twelve payments of \$250.00 each in addition to the first payment of \$2500.00. The monthly payments due for September to December, both inclusive, are delinquent. He is taking good care of the property, doing a lot of repair work and making all necessary replacements of linens, furniture, dishes, etc. During the year he redecorated all of the guest rooms; he also rebuilt the rear porch. Mr. Heckathorn has given us a statement showing replacement of equipment, improvements and betterments amounting to \$2,137.50 which he has made since purchasing the property. In 1929 he expects to be able to paint the exterior and if possible, redecorate the lobby and dining rooms.



NEW LEASES

During the year we issued four new camping leases for a rental of \$60.00 per year; eight garden leases - \$14.00 per year; one trapping permit - \$15.00; two airplane field permits - \$2.00; one fishhouse site - \$6.00; one power line right-of-way lease - \$1.00; two garage leases - \$11.00; five residence leases - \$60.00 per year and four of them will pay taxes in addition; one railroad right-of-way lease - \$25.00; one bathhouse site - \$6.00; one log camp site - \$25.00; and one lease to the Alger County Road Commission covering 80 acres in 47-18 for park purposes at a rental of \$1.00 per year and taxes. The total annual rental of these leases amount to \$236.00, in addition to which taxes are to be assumed, by some of the lessees, which in 1928 amounted to \$99.34.

The leases covering the residence lots in the C. I. M. Co's 3rd Addition, Ishpeming, expired January 1st, 1928, and these, numbering 233, were renewed for a period of twenty years. In addition to these, a great number of camping and other leases were renewed.

LAND RENTALS

The earnings from lot rents for the year amount to \$12,266.93 as compared with \$12,214.15 for the year 1927, or an increase of \$52.78. The land rents earned from leases covering unplatted parcels amount to \$8,444.75 as compared with \$8,625.49 for the year 1927, or a decrease of \$180.74. This decrease is due to a cancellation during the year of a number of leases. The rental cancellations amounted to \$355.25 as compared with rental on new leases amounting to \$132.00 or a net decrease of \$223.25.

ROYALTIES

Royalties received from the Advance Industrial Supply Company, under its Trap Rock License, amounted to \$1,521.11 or a decrease of \$1,381.39 from the previous year due to decreased operations.

LAND PRODUCTS SALES

This item for the year 1928 amounted to \$327.89 and represents sales of sand and gravel and also rock used by the Negaunee and Ishpeming municipal rock plants.

RENTED BUILDINGS

Houses Nos. 114 and 125 were vacant the entire year and part of 115 and 123, and 208 for a portion of the year. The earnings amounted to \$6,748.09 compared with \$8,612.45 for 1927. This decrease is due principally to the sale of the Beach Inn and the transfer of a number of the Negaunee houses to the Mining Department. We have not the actual figures on the result of the operation of rented buildings but believe they will, including the sawmill houses, show a profit for the year.

The repairs to the buildings during the year consisted mainly of necessary attention to roofs, chimneys and some interior redecorating. The largest repair items were the construction of an enclosed porch at the Assistant Auditor's residence, and exterior painting and interior redecorating. We also redecorated practically all the interior of House No. 208 and it was necessary to repair the concrete work at House No. 101.

COLLECTIONS

Collections are about normal during the year.

SURRENDERED AND CANCELLED CONTRACTS

The cancellation of the Mook Contract, covering the Coalwood Tract, was completed early in the year. The only other contract surrendered or cancelled was the one to Harold L. Dunklee covering lots at Munising and which has already been mentioned.

MANUFACTURERS HOTEL

The patronage of this hotel continued very light during the year with the result that we were only able to secure \$220.00 rent for the entire year. Conditions improved somewhat during December and he had a crew of from twenty-five to thirty men as steady boarders for the month. These men were working on the new road job west of Munising and some were employed by the Michigan Gas & Electric Company installing new street lights. It is hoped that when the road work resumes in 1929 we will be able to again put this hotel on the regular rental of \$85.00 per month.



BELLEVUE AND CLIFFS FARMS

The Bellevue Farm was leased again during the year for a rental of \$300.00, the same as previous years. The lease on the Cliffs Farm, however, was surrendered. We were unable to re-lease it and disposed of the old buildings remaining which were torn down and removed. We also sold the so-called "Maples", the old superintendent's house at the Cliffs Furnace. It became imperative to dispose of these buildings as they were gradually being torn down and removed.

LOCATION IMPROVEMENTS AND GARBAGE COLLECTION

No new improvements of any kind were done by the Company in any of its locations. The City of Ishpeming constructed sewers in the Barnum Addition and some street improvements in the Cleveland Iron Mining Company's 2nd and 3rd Additions.

The garbage collection cost of the year was \$37.18.

UNSETTLED MATTERS

This pertains to the so-called "Isaac Rosenwald Title" which affects a large acreage of the Company's holdings. There is a considerable acreage affected by this complication in the sales made to the Wisconsin Land & Lumber Company and the I. Stephenson Co. Trustees. On one of Mr. Berg's visits to Detroit, during the past summer, he had some conversation with Wm. C. Weber with reference to this matter and Mr. Weber advised him that he was planning on having the Rosenwald Estate probated in Michigan as soon as he is in a financial position to do so. He is familiar with the Inheritance Tax feature as he mentioned this particularly to Mr. Berg.

BUNKER HILL MINING COMPANYRENTED BUILDINGS

The five dwellings of this Company were occupied during the entire year and the earnings amounted to \$568.80. The maintenance expense is made up mainly of repairs to chimneys and some interior redecorating and amounted to \$100.87.

LAND RENTALS

The earnings from land rentals amount to \$697.00 the same as the previous year.

COLLECTIONS

The collections of the rentals continued about normal.

UNSETTLED MATTERS

There has been no change in the situation with reference to the Chicago & Northwestern right-of-way across the property of this Company and is awaiting Mr. Mather's decision as to what shall be done.

AMERICAN IRON MINING COMPANY

LAND AND TIMBER ACCOUNTS

No sales of land or timber were made during the year. All the contracts have been paid up and deeds issued.

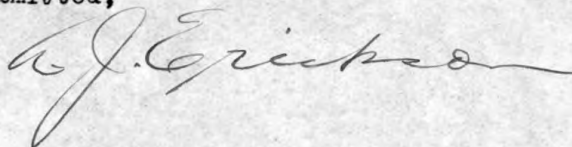
COLLECTIONS

The only collection made during the year was the taxes from the Piqua Handle & Manufacturing Company on its Timber Permit.

TIMBER PERMIT

The Timber Permit to the Piqua Handle & Manufacturing Company expired on July 1st, 1928, but at their request we extended the Permit, only as to the SW $\frac{1}{4}$  of NW $\frac{1}{4}$  and NW $\frac{1}{4}$  of SW $\frac{1}{4}$  of Section 2-47-31, until July 1st, 1930, with the understanding that they will pay the taxes for the year 1928 and 1929 and one-half of the taxes for 1930.

Respectfully submitted,



AJE:EN-3.







THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LAND AND TIMBER SALES FOR YEAR 1928

SHEET NO. 2

	U N P L A T T E D L A N D S							P L A T T E D L A N D S				MINERAL RIGHTS RESERVED IN SALES
	FEE	SURFACE ONLY	MINERALS ONLY	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE ONLY	MINERALS ONLY	TOTAL	
Total Acreage as per Acreage Statement Dec. 31st, 1927	546,712.82	62,812.69	4,499.83	2,332.78	53,308.36	1,270.74	432.95	214.34	92.43	283.72	671,960.66	103,847.95
Purchased In 1928 (1)	40.00	600.00						.32	4.22		644.54	
Cancelled Contracts (2)								.34			.34	
<b>TOTAL</b>	<b>546,752.82</b>	<b>63,412.69</b>	<b>4,499.83</b>	<b>2,332.78</b>	<b>53,308.36</b>	<b>1,270.74</b>	<b>432.95</b>			<b>283.72</b>	<b>672,605.54</b>	<b>103,847.95</b>
Sold in 1928 (3)	11,958.84	10,594.85				228.18		215.00	96.65	283.72	672,605.54	103,847.95
Surrendered						(4) 362.10			.78		22,782.65	10,461.08
<b>TOTAL</b>	<b>11,958.84</b>	<b>10,594.85</b>				<b>590.28</b>			<b>.78</b>		<b>23,144.75</b>	<b>10,461.08</b>
Total Acreage as per Acreage Statement Dec. 31st, 1928	534,793.98	52,817.84	4,499.83	2,332.78	53,308.36	680.46	432.95	215.00	95.87	283.72	649,460.79	114,309.03

(1) Purchase Nos. 2804, 2806, 2811, 2812, 2813, 2819, 2820, 2883, 2888, 2889, 2890, 2891, 2892, 2893, 2894, 2895, 2896, 2897, 2898, 2899, 2900, 2902, 2903, 2904, 2906, 2907, 2908, 2909, 2912, 2913, 2914, 2915, 2917, 2918.

(2) Conveyance No. 4335.

(3) As per Statement above and Conveyance Nos. 4364, 4488, 4538 & 4541.

(4) Conveyance No. 4493

AJE:EN-2  
2/9/29



THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE - DECEMBER 31, 1928

TOWN	RANGE	UNPLATTED LANDS						PLATTED LANDS				MINERALS RESERVED IN FARM LAND SALES	
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS		TOTAL
45	1 E												120.00
45	1 W	120.00										120.00	160.00
46	1												80.00
47	1	40.00										40.00	
45	2												123.13
45	2	2,833.61										2,833.61	3,019.00
47	2	1.18										1.18	290.35
45	3	166.56										166.56	
46	3	1,341.84										1,341.84	1,871.47
47	3	600.00										600.00	560.00
46	4												120.00
47	4												222.50
43	5	200.00										200.00	200.00
45	5	120.00										120.00	680.00
46	5	40.00										40.00	842.71
47	5	40.00										40.00	120.00
44	6	368.30										368.30	460.05
45	6												2,109.99
46	6												280.00
44	7	120.00										120.00	4,153.59
45	7												671.27
46	7	211.26										211.26	640.00
47	7	338.81										338.81	
48	7	497.70										497.70	
49	7	44.00										44.00	
44	8	76.88										76.88	
46	8	2,311.92										2,311.92	
47	8	6,957.72										6,957.72	
48	8	5,041.52										5,041.52	
49	8	3,923.04										3,923.04	
50	8	160.00										160.00	
44	9	40.00										40.00	
46	9	512.23										512.23	200.00
47	9	17,793.74										17,793.74	
48	9	4,136.58										4,136.58	
49	9	800.00										800.00	
50	9												23.00
45	10	840.00										840.00	600.00
46	10	254.54										254.54	46.18
47	10	14,579.08										14,579.08	40.00
48	10	14,534.01										14,534.01	
49	10	3,385.47										3,385.47	30.52
43	11	160.00										160.00	320.00
44	11	277.00										277.00	
46	11	4,102.55										4,102.55	480.00

LAND ACREAGE - DECEMBER 31, 1928

SHEET NO. 2

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS				MINERALS RESERVED IN FARM LAND SALES
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS	TOTAL	
47	11	13,653.88										13,653.88	119.41
48	11	19,592.71										19,592.71	
49	11	745.17										745.17	
46	12	15,514.00										15,514.00	
47	12	16,868.38	198.41									17,066.79	
48	12	21,576.80	160.00									21,736.80	
49	12	8,229.41										8,229.41	
50	12	359.65										359.65	
45	13												1,273.71
46	13	913.25										913.25	400.00
47	13	5,174.53										5,174.53	
48	13	19,469.63	114.51									19,584.14	
49	13	16,360.85										16,360.85	40.00
50	13	164.35										164.35	
42	14												35.00
43	14												236.85
45	14	440.00										440.00	
46	14	840.00										840.00	
47	14	6,069.80	437.25									6,507.05	
48	14	18,922.14	553.68									19,475.82	
49	14	9,250.07	360.00									9,610.07	40.00
42	15												1,766.77
43	15												194.10
45	15	80.00										80.00	
46	15	5,392.78	40.00									5,432.78	
47	15	8,786.64	974.20									9,760.84	
48	15	14,179.22	520.00									14,699.22	
49	15	4,850.91	393.59									5,244.50	
41	16												903.65
42	16												14.20
43	16	80.00										80.00	485.50
44	16												80.00
45	16	63.85										63.85	
46	16	1,456.03										1,456.03	31.06
47	16	4,437.38	240.00									4,677.38	11.40
48	16	8,740.01	495.37									9,235.38	79.25
49	16	1,004.60	600.00									1,604.60	
41	17												5,797.51
42	17	240.00										240.00	1,840.00
44	17												238.69
45	17	576.00										576.00	476.37
46	17	3,378.81										3,378.81	202.00
47	17	7,843.30	200.00									8,043.30	440.00
48	17	4,276.15	201.00									4,477.15	
39	18	2.51										2.51	29.92
41	18	160.00										160.00	800.00
43	18	40.00										40.00	
44	18	55.78										55.78	160.00
45	18	360.00										360.00	
46	18	12,481.10										12,481.10	520.04





LAND ACREAGE = DECEMBER 31, 1928

SHEET NO. 4

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS			TOTAL	MINERALS RESERVED IN FARM LAND SALES
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS		
45	25	1,442.57	659.49		393.37					58.73		2,554.16	1.65
47	25	5,939.90	450.47									6,390.37	261.67
48	25	2,574.93	160.00						1.17			2,736.10	1,941.55
49	25	40.14										40.14	831.90
44	26	162.91										162.91	
45	26	517.47										517.47	410.02
46	26	185.00										185.00	
47	26	7,923.38	285.53	278.67					41.71	20.09	82.77	8,632.15	2,437.31
48	26	3,211.48	1,064.62	59.11	157.50						3.00	4,495.71	1,809.61
49	26	600.00	3,654.40									4,254.40	153.04
50	26												240.00
51	26	89.65	570.01									659.66	160.00
46	27	61.68										61.68	40.00
47	27	11,658.10	161.77	721.88	378.65			111.60				13,332.14	3,095.24
48	27	2,911.63	1,659.76	1,120.00					122.75	.44	197.95	5,691.39	2,379.39
49	27	919.28										919.28	
50	27												180.00
51	27	1,449.17	79.03									1,528.20	520.00
52	27	40.00										40.00	
47	28	1,733.73	73.60	75.00	727.94							2,610.27	5.00
48	28	2,945.64										2,945.64	4.00
50	28	1,921.62	789.33									2,710.95	160.00
51	28	3,320.00	840.00									4,160.00	109.05
52	28												240.00
50	29	739.14										739.14	
51	29												531.40
52	29	2,120.00										2,120.00	704.25
45	30	46.20	160.00									206.20	
46	30	586.80	160.00									746.80	345.70
47	30	327.90	860.96									1,188.86	80.00
48	31	60.00	120.00									180.00	
49	28		16.40									16.40	
52	31												40.00
49	33			36.55								36.55	
50	33			40.00								40.00	
43	34				160.00							160.00	
47	34	40.00										40.00	
50	34	415.92		1964.68								2,004.68	
43	35		80.00									415.92	40.00
48	39				120.00							200.00	
49	39												711.57
45	29		43.17									43.17	480.00
46	29	1,238.47		146.64								1,385.11	168.49
47	29	40.00										40.00	80.00
48	30												56.00
43	31	115.22										115.22	
42	33											120.00	
44	33												80.00
50	22 Minn.	440.00										440.00	934.56
49	23			2.50								2.50	189.96
50	23	704.89		54.80								759.69	343.09



LAND ACREAGE - DECEMBER 31, 1928

SHEET NO. 5

TOWN	RANGE	U N P L A T T E D L A N D S							P L A T T E D L A N D S			TOTAL	MINERALS RESERVED IN FARM LAND SALES	
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS			
46	25													280.05
47	25													39.75
46	26													440.00
57	22		119.88		80.00			319.60		.51	(Nashwauk)	519.99		
57	23		40.00									40.00		
58	15				152.09							152.09		
59	15							1.75		1.08		2.83		
57	20		4.50							.69		5.19		
45	1 E Wis.	133.33										133.33		
41	31 Mich.					42.38						42.38		
42	31					929.79						929.79		
43	31					456.85						456.85		
44	31					835.45						835.45		
45	31					4,239.77						4,239.77		
46	31					990.00						990.00		
41	32					1,493.40						1,493.40		
42	32					1,360.00						1,360.00		
43	32					400.05						400.05		
44	32					2,281.50						2,281.50		
45	32					5,709.45						5,709.45		
46	32					4,974.49						4,974.49		
42	33					1,331.00						1,331.00		
43	33					519.59						519.59		
44	33					2,075.18						2,075.18		
45	33					3,878.99						3,878.99		
46	33					3,227.69						3,227.69		
44	34					1,452.85						1,452.85		
45	34					2,815.50						2,815.50		
46	34					3,182.49						3,182.49		
43	35					1,066.37						1,066.37		
44	35					2,978.74						2,978.74		
45	35					2,000.00						2,000.00		
43	36					561.40						561.40		
44	36					1,597.92						1,597.92		
47	32					160.00						160.00		
47	33					1,631.69						1,631.69		
49	33					80.00						80.00		
47	35					475.82						475.82		
47	36					120.00						120.00		
48	36					440.00						440.00		
47	29 Mim.	160.00										160.00		
56	24 "		600.00									600.00		
TOTAL		534,793.98	52,817.84	4,499.83	2,332.78	53,308.36	680.46	432.95	216.00	95.87	283.72	649,460.79	114,309.03	

*Mich. Min. Ld. Co.  
Option*

THE CLEVELAND-CLIFFS IRON COMPANY & SUBSIDIARY COMPANIES  
ACREAGE STATEMENT - LANDS OWNED AND CONTROLLED - SHOWING OWNERSHIP BY COMPANIES  
DECEMBER 31, 1928.

COMPANIES	UNPLATED LANDS							FEE	SURFACE ONLY "G"	MINERALS ONLY	TOTAL ACRES	ACRES OF LAND NOT TIMBERED "H"	ACRES OF LANDS TIMBERED "I"	LANDS ON MINERAL FORMATION "J"	MINERAL RIGHTS RESERVED IN SALES "K"
	FEE "A"	SURFACE ONLY "B"	MINERALS ONLY "C"	LEASED MINERALS "D"	MINING OPTION "E"	TIMBER ONLY "F"	LEASED SURFACE SURFACE								
<b>CONSTITUENT COMPANIES</b> (Entire stock owned by The C.C.I.Co) The Cleveland-Cliffs Iron Company	534,793.98	52,817.84	4,499.83	2,332.78	53,308.35	680.46	432.95	215.00	95.87	283.72	649,460.79	233,436.76	416,024.03	106,558.65	114,309.03
<b>ALLIED COMPANIES</b> (A portion of the stock only owned by The C.C.I.Co.)															
The Negaunee Mine Co.	2.40	3.49		213.36					5.04	103.53	224.29	224.29		198.40	
Arctic Iron Co.	990.48		37.98								1,131.99	1,131.99		288.02	93.06
The Athens Iron Mining Co.	43.05	.22	17.39	21.61					4.23		86.50	86.50		82.05	
Bunker Hill Mining Co.	43.10		10.20								53.30	53.30		53.30	
Lucky Star Mining Co.	49.74										49.74	49.74		49.74	
Michigan Mineral Land Co.	28,175.62	834.43	24,298.31								53,308.36	53,308.36		52,473.93	
<b>TOTAL ALLIED COMPANIES</b>	<b>29,304.39</b>	<b>838.14</b>	<b>24,363.88</b>	<b>234.97</b>					<b>9.27</b>	<b>103.53</b>	<b>54,854.18</b>	<b>54,854.18</b>		<b>53,145.44</b>	<b>93.06</b>
<b>ASSOCIATE COMPANIES</b> (The C.C.I.Co. has no ownership but acts as agent)															
American Iron Mining Co.	2,501.70		314.80								2,816.50	2,816.50		2,816.50	
<b>GRAND TOTALS LANDS OWNED AND CONTROLLED - ALL COMPANIES</b>	<b>566,600.07</b>	<b>53,655.98</b>	<b>29,178.51</b>	<b>2,567.75</b>	<b>53,308.35</b>	<b>680.46</b>	<b>432.95</b>	<b>215.00</b>	<b>105.14</b>	<b>387.25</b>	<b>707,131.47</b>	<b>291,107.44</b>	<b>416,024.03</b>	<b>162,520.69</b>	<b>114,402.09</b>

"A" - Lands where entire fee is owned  
 "B" - Lands where surface only is owned  
 "C" - Lands where minerals only are owned in known mineral district.  
 "D" - Lands where our interest is confined to a mining lease.  
 "E" - Lands where our interest is confined to a mining option from Michigan Mineral Land Co.  
 "F" - Lands where timber only is owned.  
 "G" - Lands where we own the entire fee, surface only, or minerals only.  
 in lands which are a part of recorded plats or townships or villages.

"H" - Lands which have been examined and which reports show do not contain sufficient timber to be classed as timber land.  
 "I" - All lands not included in "H". This includes both lands that have been examined and other lands which have not but which were purchased for timber purposes and are classed as timber lands until such time as reports will show that they are barren either through fire or through operation of the Lumbering Department.  
 "J" - Approximate acreage of lands inside the mineral formation as indicated by maps furnished to the Land Department by the Mining Department, April 1914.  
 "K" - Acres of minerals reserved in Farm Land Sales, outside of mineral formation.



ACREAGE STATEMENT - LANDS OWNED AND CONTROLLED - SHOWING OWNERSHIP BY COMPANIES - SHEET NO. 2

COMPANIES	FEE	SURFACE ONLY	MINERALS ONLY	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE ONLY	MINERALS ONLY	TOTAL ACRES	ACRES OF LAND NOT TIMBERED	ACRES OF LANDS TIMBERED	LANDS ON MINERAL FORMATION	MINERAL RIGHTS RESERVED IN SALES
	"A"	"B"	"C"	"D"	"E"	"F"			"G"			"H"	"I"	"J"	"K"
Total Acreage Dec. 31, 1927	578,532.98	63,650.83	29,178.51	2,567.75	53,308.36	1,270.74	432.95	214.34	100.57	387.25	729,644.28	275,776.65	453,865.63	162,480.59	103,926.94
Purchased during 1928															
The C. C. I. Co.	40.00	600.00						.32	4.22		644.54	644.54		40.00	
The Negaunee Mine Co.									1.13		1.13				
Cancelled Contracts (The C.C.I.Co)								.34			.34				
TOTAL	578,572.98	64,250.83	29,178.51	2,567.75	53,308.36	1,270.74	432.95	215.00	105.92	387.25	730,290.29	276,424.66	453,865.63	162,520.59	103,926.94
Sales - The C. C. I. Co.	11,956.84	10,594.85				228.18			.78		22,782.65	713.56	22,069.09		10,461.08
Surrendered - The C. C. I. Co.						362.10					362.10		362.10		
Arctic Iron Co.	14.07										14.07	14.07			14.07
Operated and Classification Changed											14.07	15,410.41	15,410.41		
TOTAL	11,972.91	10,594.85				590.28			.78		23,156.82	14,682.78	37,841.60		10,475.15
TOTAL ACREAGE DEC. 31, 1928	566,600.07	53,655.98	29,178.51	2,567.75	53,308.36	680.46	432.95	215.00	105.14	387.25	707,131.47	291,107.44	416,024.03	162,520.59	114,402.09

CAJ:MD-2.  
2/11/29.

ARCTIC IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1928

TOWN	RANGE	UNPLATTED LANDS		PLATTED LANDS	TOTAL	MINERALS RESERVED IN SALE
		FEE	MINERALS	MINERALS		
47	25	32.12			32.12	
47	26	810.36	4.43	88.03	902.82	93.06
48	26	148.00	33.55	15.50	197.05	
TOTAL		990.48	37.98	103.53	1131.99	93.06

CAJ:MD-2.  
1/30/29.



A M E R I C A N I R O N M I N I N G C O M P A N Y

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1928

TOWN	RANGE	U N P L A T T E D L A N D S		
		FEE	MINERALS	TOTAL
47	31	515.98	38.42	554.40
48	31	1985.72	276.38	2262.10
TOTAL		2501.70	314.80	2816.50

CAJ:MD-2.  
1/30/29.

BUNKER HILL MINING COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1928

TOWN	RANGE	UNPLATTED LANDS		
		FEE	MINERALS	TOTAL
47	26	43.10	10.20	53.30

CAJ:MD-2.  
1/30/29.



THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LANDS PURCHASED AND EXPENSES INCURRED ON ACCOUNT OF LAND TRACTS FOR YEAR 1928

PURCHASE OR TRACT	GRANTOR	PURCHASE NO.	ACREAGE	PURCHASE PRICE	ABSTRACTS & RECORDING	PATENTS	LEGAL EXPENSE	BACK TAXES	TOTAL
Cavis	Ellen S. Cavis	20				¢ .40			¢ .40
Danaher	Danaher & Melendy	80			\$ 1.25				1.25
Burt	Wellington R. Burt & Wife	81					7.50		7.50
"	" " " " "	82			1.00				1.00
Youngs	Dan Youngs & Wife	348				.40			.40
Culver & McKnight	R. Culver & Wife & W. F. McKnight	360					235.37		235.37
Weber	Wm. C. Weber & Wife et al	453			1.65	.40			2.05
Negaunee Lands	E. C. Cooley & Wife	560			1.50				1.50
Glover Tax Pur.	Statutory Tax Notice	1685				.40			.40
Powell	Mary E. Nester et al	2583			4.00		1.50		5.50
"	Irma T. Jones	2781 )							
"	Wm. H. Porter et al	2792 )							
Superior Realty Co.	Superior Realty Company	2806		371.21	30.25		10.40		40.65
Akinson	Margaret L. King et al	2817	524.76	2,500.00	2.25			66.90	440.36
Acker	Wm. H. Acker & Wife	2821		4,000.00	38.00		57.75		2,595.75
Prickett	Superior Realty Company	2883	38.35	140.84	1.25			82.36	4,000.00
Norgard	C. A. Norgard	2916			1.00				224.45
Mather	Wm. G. Mather	2791			1.25				1.00
									1.25
TOTAL			563.11	7,012.05	83.40	1.60	312.52	149.26	7,558.83

大正六年



圖書



