

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES

<u>AUTRAIN TOWNSHIP</u>	1928	1929
State	2,804.20	3,302.46
County	10,226.61	9,740.42
Township	1,500.00	1,000.00
Road Repair	1,500.00	1,500.00
Highway Improvement	1,500.00	1,500.00
School	9,000.00	7,000.00
Total	26,530.81	24,042.88
Total Township Taxes Only	13,500.00	11,000.00
<u>BURT TOWNSHIP</u>		
State	3,748.63	4,949.88
County	13,670.82	14,599.41
Township	4,000.00	4,000.00
Road Repair	7,803.68	7,804.20
Highway Improvement	7,803.68	7,804.20
Building & Repairs		250.00
Bond & Interest	13,000.00	9,000.00
School	20,000.00	24,000.00
Forest Fire	1,000.00	
Total	71,026.81	72,407.69
Total Township Taxes Only	53,607.36	52,858.40
<u>GRAND ISLAND TOWNSHIP</u>		
State	590.26	782.27
County	2,152.60	2,307.27
Township	200.00	300.00
School	1,400.00	800.00
Library	50.00	
Total	4,392.86	4,189.54
Total Township Taxes Only	1,650.00	1,100.00
<u>LIMESTONE TOWNSHIP</u>		
State	1,733.37	2,251.68
County	6,321.41	6,641.20
Township	3,500.00	3,500.00
Highway Improvement	3,750.00	3,500.00
Highway Repair	3,750.00	3,500.00
School	18,000.00	13,000.00
Buildings & Repairs	500.00	
Total	37,554.78	32,392.88
Total Township Taxes Only	29,500.00	23,500.00

ALGER COUNTY TAXES

Sheet No. 2

	1928	1929
<u>MATHIAS TOWNSHIP</u>		
State	1,414.08	1,573.85
County	5,157.00	4,641.98
Township	1,600.00	2,500.00
Highway Repair	3,000.00	3,000.00
Highway Improvement	2,100.00	1,500.00
School	14,000.00	16,000.00
Total	27,271.08	29,215.83
Total Township Taxes Only	20,700.00	23,000.00
<u>MUNISING CITY</u>		
State	8,694.23	11,151.40
County	31,706.86	32,890.45
City	60,000.00	45,632.78
School	83,709.11	81,703.30
Total	184,110.20	171,377.93
Total City Taxes Only	143,709.11	127,336.08
<u>MUNISING TOWNSHIP</u>		
State	3,635.01	4,135.48
County	13,256.48	12,197.35
Township	4,000.00	4,000.00
Highway Improvement	7,500.00	7,500.00
Road Repair	7,500.00	7,500.00
School	34,290.00	30,296.70
Total	70,182.38	65,629.53
Total Township Taxes Only	53,290.89	49,296.70
<u>ONOTA TOWNSHIP</u>		
State	2,048.09	2,653.38
County	7,469.17	7,826.00
Township	4,000.00	4,000.00
Highway Improvement	2,430.00	4,281.70
Highway Repair	4,315.88	4,281.70
School	14,500.00	10,000.00
Bond & Interest	6,000.00	2,500.00
Total	40,763.14	35,542.78
Total Township Taxes Only	31,245.88	25,063.40

ALGER COUNTY TAXES

Sheet No. 3

	1928	1929
<u>ROCK RIVER TOWNSHIP</u>		
State	1,532.56	1,921.00
County	5,589.05	5,665.92
Township	4,000.00	4,000.00
Highway Improvement	3,332.58	3,203.92
Road Repair	3,332.57	3,203.92
School	27,000.00	26,000.00
Total	44,786.76	43,994.76
Total Township Taxes Only	37,665.15	36,407.84
Grand Total Alger County	506,618.82	478,793.82

OMC:MD-2.
2/4/30.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

ALGER COUNTY TAXES

City or Township	1 9 2 8			1 9 2 9		
	Valuation	Tax	Rate %	Valuation	Tax	Rate %
Au Train	1,172,480.00	26,530.81	.02263	1,041,320.00	24,042.88	.02308
Burt	1,567,360.00	71,026.81	.04531	1,560,840.00	72,407.69	.04639
Grand Island	246,795.00	4,392.86	.01779	246,745.00	4,189.54	.01698
Limestone	724,750.00	37,554.78	.05182	709,960.00	32,592.88	.04563
Mathias	591,250.00	27,271.08	.04612	496,225.00	29,215.83	.05887
Munising	1,519,855.00	70,182.38	.04617	1,303,901.00	65,629.53	.05033
Munising City	3,710,190.00	184,110.20	.04962	3,516,325.00	171,377.93	.04873
Onota	856,340.00	40,763.14	.04760	836,615.00	35,542.78	.04248
Rock River	640,785.00	44,786.76	.06989	605,690.00	43,994.76	.07263
TOTAL	11,029,805.00	506,618.82	.04593	10,317,621.00	478,793.82	.046405
Marquette County	60,346,247.00	2,194,989.90	.036373	58,215,471.00	2,319,148.25	.039837
Baraga "	9,130,670.00	509,584.94	.055810	9,204,270.00	523,436.25	.056868
Luce "	8,038,340.00	276,215.49	.034362	7,828,700.00	259,906.85	.034362

OMO:EN-2
2/4/30

BOARD OF EDUCATION
City of Munising

Comparison of Munising Board of Education Budget

	1928-1929	1929-1930
<u>General Control</u>		
School Elections	65.00	65.00
Secretary's Office		175.00
Finance - Office & Accounts	200.00	350.00
Legal Services	100.00	100.00
Other Expense	400.00	200.00
<u>Educational Administration</u>		
Office of Superintendent	6,220.00	5,220.00
Census & Law Enforcement	150.00	150.00
Other Expense	600.00	500.00
<u>Expense of Instruction (Day Schools)</u>		
Principals	3,200.00	3,200.00
Other Expense - Office	200.00	200.00
Other Expense - Supervision	200.00	200.00
<u>Teaching</u>		
Salaries - A - Male	15,100.00	16,200.00
Salaries - B - Female	47,800.00	49,325.00
Textbooks	2,000.00	2,000.00
Other Expense of Instruction	2,000.00	2,200.00
" " " " "	1,000.00	700.00
" " " " (Night School)	405.00	445.00
<u>Co-ordinate Activities</u>		
Medical Inspection (Nurse)	1,550.00	1,650.00
Other Items (Clinic)		600.00
Supplies		300.00
Milage		200.00
<u>Auxiliary Agencies</u>		
Library - Exclude books	1,000.00	1,000.00
- Books	1,500.00	1,800.00
Transportation of Pupils	4,500.00	6,500.00
Recreation - Athletics		400.00
<u>Operation of School Plant</u>		
Wages of Janitor & Employees	9,620.00	9,800.00
Fuel	5,200.00	5,200.00
Water	750.00	1,000.00
Light & Power	1,700.00	1,700.00
Janitors Supplies	1,400.00	1,500.00
Other Expense	500.00	500.00
<u>Fixed Charges</u>		
Insurance	4,000.00	2,000.00

Comparison of Munising Board of Education Budget

Sheet No. 2

	1928-1929	1929-1930
<u>Maintenance</u>		
Buildings & Grounds	1,500.00	1,500.00
Repairs to Equipment	2,000.00	2,000.00
<u>Capital Outlay</u>		
Alterations Old Buildings		500.00
Equipment " "	2,000.00	2,500.00
Land	500.00	
New Buildings	3,000.00	
<u>Debt Service</u>		
Redemption of Bonds	20,000.00	20,000.00
Interest on Bonds	8,800.00	7,700.00
Interest - Short Term Loans		100.00
Refunds (Tax & Tuition)	100.00	
TOTAL	149,260.00	150,680.00
Less Cash on Hand, Primary Receipts, etc.	31,260.00	53,700.00
Amount to be Raised	118,000.00	112,000.00

OMC:EN-2
2/4/30

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

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

COUNTIES	TOWNSHIP	TOTAL TAX	TOTAL TAX PAID BY THE C.C.I.CO. ALL DEPARTMENTS	TOTAL TAX PAID BY OTHERS	% PAID BY C.C.I.CO. ALL DEPTS.	% PAID BY OTHERS
<u>Alger</u>	Au Train	\$ 24,042.88	\$ 14,482.01	\$ 9,560.87	60.23	39.77
	Burt	72,407.69	48,261.81	24,145.88	66.65	33.35
	Grand Island	4,189.54	3,821.17	368.37	91.20	8.80
	Limestone	32,392.88	630.43	31,762.45	1.94	98.06
	Mathias	29,215.83	5,685.52	23,530.31	19.46	80.54
	Munising	65,629.53	49,617.07	16,012.46	75.60	24.40
	Munising City	171,377.93	6,602.45	164,775.48	3.85	96.15
	Onota	35,542.78	11,489.04	24,053.74	32.32	67.68
	Rock River	43,994.76	12,981.45	31,013.31	29.50	70.50
	Total	478,793.82	153,570.95	325,222.87	32.07	67.93
<u>Baraga</u>	Baraga	93,784.13	297.70	93,486.43	.31	99.69
	Covington	54,798.72	37.27	54,761.45	.07	99.93
	Spurr	46,977.02	1,800.66	45,176.36	3.80	96.20
	Total	195,559.87	2,135.63	193,424.24	1.09	98.91
<u>Chippewa</u>	Bay Mills	11,668.77	244.25	11,424.52	2.09	97.91
	Bruce	34,128.72	8.83	34,119.89	.02	99.98
	Chippewa	21,970.29	5.45	21,964.84	.02	99.98
	Hulbert	25,502.36	202.75	25,299.61	.79	99.21
	Kinross	12,494.37	46.43	12,447.94	.37	99.63
	Soo	26,079.98	13.17	26,066.81	.05	99.95
	Superior	28,699.10	2,672.89	26,026.21	9.31	90.69
	Trout Lake	11,561.95	85.91	11,476.04	.74	99.26
	Whitefish	35,826.26	565.67	35,260.59	1.57	98.43
	Total	207,931.80	3,845.35	204,086.45	1.85	98.15
<u>Delta</u>	Baldwin	24,057.96	6.48	24,051.48	.02	99.98
	Fairbanks	10,001.00	710.15	9,290.85	7.10	92.90
	Ford River	15,952.01	4.50	15,947.51	.02	99.98
	Garden	25,734.47	61.21	25,673.26	.23	99.77
	Maple Ridge	46,669.75	267.97	46,401.78	.57	99.43
	Masonville	56,766.54	250.53	56,516.01	.44	99.56
	Wells	73,703.66	29.46	73,674.20	.04	99.96
	Total	252,885.39	1,330.30	251,555.09	.52	99.48
<u>Iron</u>	Bates	122,644.10	8,430.33	114,213.77	6.87	93.13
	Crystal Falls	147,762.88	17.04	147,745.84	.01	99.99
	Iron River	282,225.08	19,233.72	262,991.36	6.81	93.19
	Mansfield	35,418.94	651.90	34,767.04	1.84	98.16
	Mastodon	81,631.45	8,164.77	73,466.68	10.02	89.98
	Total	669,682.45	36,497.76	633,184.69	5.45	94.55

COUNTY	TOWNSHIP	TOTAL TAX	TOTAL TAX PAID BY THE C.C.I.CO. ALL DEPARTMENTS	TOTAL TAX PAID BY OTHERS	% PAID BY C.C.I.CO. ALL DEPTS.	% PAID BY OTHERS
<u>Luce</u>	Columbus	\$ 34,961.78	\$ 26,273.45	\$ 8,688.33	75.14	24.86
	McMillan	181,647.16	48,171.32	133,475.84	26.51	73.49
	Pentland	22,207.64	98.35	22,109.29	.44	99.56
	Lakefield	21,090.19	3,356.26	17,733.93	15.91	84.09
	Total	259,906.77	77,899.38	182,007.39	29.97	70.03
<u>Mackinac</u>	Garfield	31,073.80	20.03	31,053.77	.06	99.94
	Hendricks	22,749.10	49.02	22,700.08	.21	99.79
	Hudson	17,510.43	42.68	17,467.75	.24	99.76
	Moran	19,740.85	31.92	19,708.93	.16	99.84
	Newton	25,739.05	34.66	25,704.39	.13	99.87
	Portage	26,372.91	74.61	26,298.30	.28	99.72
Total	143,186.14	252.92	142,933.22	.17	99.83	
<u>Marquette</u>	Champion	52,810.20	1,132.75	51,677.45	2.14	97.86
	Chocolay	14,675.81	1,881.70	12,794.11	12.82	87.18
	Ely	67,743.64	27,086.32	40,657.32	39.98	60.02
	Forsyth	80,475.49	47,148.56	33,326.93	58.58	41.42
	Humboldt	26,688.67	413.54	26,275.13	1.55	98.45
	Ishpeming	48,283.29	38,173.75	10,109.54	79.06	20.94
	Ishpeming City	479,101.70	182,748.24	296,353.46	38.14	61.86
	Marquette	19,194.00	10,922.44	8,271.56	56.90	43.10
	Marquette City	472,416.47	47,174.87	425,241.60	9.98	90.02
	Michigamme	35,285.50	858.15	34,427.35	2.43	97.57
	Negaunee	28,939.81	23,163.00	5,776.81	80.03	19.97
	Negaunee City	600,704.63	456,884.52	143,820.11	76.05	23.95
	Powell	59,283.77	3,497.25	55,786.52	5.90	94.10
	Republic	38,242.64	6,129.14	32,113.50	16.02	83.98
	Richmond	72,574.73	5,289.61	67,285.12	7.28	92.72
	Sands	11,486.91	6,438.44	5,048.47	56.05	43.95
	Skandia	24,059.26	9,920.35	14,138.91	41.23	58.77
	Tilden	104,442.11	9,668.82	94,773.29	9.25	90.75
	Turin	27,101.30	2,094.69	25,006.61	7.72	92.28
West Branch	16,487.34	1,975.33	14,512.01	11.96	88.02	
Total	2,279,997.27	882,601.47	1,397,395.80	38.71	61.29	
<u>Schoolcraft</u>	Doyle	21,841.13	69.25	21,771.88	.32	99.68
	Hiawatha	28,559.01	2,036.58	26,522.43	7.13	92.87
	Inwood	26,639.28	51.84	26,587.44	.19	99.81
	Manistique	16,041.25	7.64	16,033.61	.05	99.95
	Seney	23,597.02	6,436.23	17,160.79	27.27	72.73
	Thompson	13,097.87	14.15	13,083.72	.10	99.90
Total	129,775.56	8,615.69	121,159.87	6.64	93.36	
RECAPITULATION						
Alger	County	478,793.82	153,570.95	325,222.87	32.07	67.93
Baraga	"	195,559.87	2,135.63	193,424.24	1.09	98.91
Chippewa	"	207,931.80	3,845.35	204,086.45	1.85	98.15
Delta	"	252,885.39	1,330.30	251,555.09	.52	99.48
Iron	"	669,682.45	36,497.76	633,184.69	5.45	94.55
Luce	"	259,906.77	77,899.38	182,007.39	29.97	70.03
Mackinac	"	143,186.14	252.92	142,933.22	.17	99.83
Marquette	"	2,279,997.27	882,601.47	1,397,395.80	38.71	61.29
Schoolcraft	"	129,775.56	8,615.69	121,159.87	6.64	93.36
Total		4,617,719.07	1,166,749.45	3,450,969.62	25.26	74.74
State of Wisconsin			403.54			
State of Minnesota 1928 Taxes Paid in 1929			161,369.61			
GRAND TOTAL C.C.I.CO. ALL DEPARTMENTS			1,328,522.60			

REPORT OF MR. R. A. BROTHERTON FOR YEAR 1929

SURVEYS

Surveys were made of numerous lots, right-of-ways and parcels of land in Negaunee, Ishpeming, Marquette, Michigamme, Munising and Grand Marais to obtain the necessary data required to make up deeds, leases, taxes and placing of iron boundary corners.

MAPS

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

	Blue and White Prints		Negatives		Plates 14 x 17
	Maps Made	Yds. Used	Maps Made	Yds. Used	
January	86	54	21	15	160
February	92	70	26	16	24
March	70	36	10	8	76
April	66	50	12	6	12
May	54	39	18	12	32
June	46	38	14	10	64
July	54	46	8	8	-
August	51	42	12	8	70
September	38	30	10	5	-
October	23	20	5	4	19
November	20	18	6	5	8
December	12	12	4	4	42
TOTAL	612	465	146	101	507

TRANSMISSION LINE SURVEY

Part of September and all of October, November and December were spent surveying and locating a route for a transmission line between Ferguson and Seney, a distance of about sixty miles. This is a part of the transmission line running between Gwinn and the Inland Steel Company's plant near Manistique.

FOREST FIRES

1929 was a very wet year 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 33.22 inches as compared with 40.1 inches in 1928 and 30.86 in 1927.

LOGGING

Careful inspection of all logs operated by the Lumbering Department was 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 #119

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

Saw Logs and Tie Cuts	168,433 feet	45%
Chemical Logs	205,761 "	55%
Cordwood	873,875 cds.	
Area Cut	200 Acres	

OPERATION #154 - VAIL 2

<u>SAW LOGS AND TIE CUTS</u>		
Inventory, Dec. 31, 1929	292,840 feet	
Shipments 1929	6,724,993 "	
Total	7,017,833 "	
Less Inventory 1/1/29	512,668 "	
Produced during 1929	6,505,165 "	X
Area Cut	1,145.00 Acres	
Yield per Acre	5,682 feet	
<u>CHEMICAL LOGS</u>		
Inventory, Dec. 31, 1929	None	
Shipments 1929	8,639,941 feet	
Total	8,639,941 "	
Less Inventory 1/1/29	381,147 "	
Produced during 1929	8,258,794 "	X
Area Cut	1,145.00 Acres	
Yield per Acre	7,213 feet	
<u>RETURNS</u>		
Gross Returns (Logs, Tie Cuts, Chem. Logs)	\$212,767.55	
Less Total Operating Cost	113,584.25	
Profit	\$ 99,183.30	
Total Yield per Acre	12,895	
Total Returns per Acre	\$86.62	
Saw Logs and Tie Cuts	44%	
Chemical Logs	56%	

OPERATION #159

No operating was done on this job until the Fall of 1929 when LaFave, a jobber, was started in Sections 6 and 7 and the following timber was cut:

Saw Logs Cut	2,505 feet	- 17%
Saw Logs Shipped	63,499 "	
Total	66,004 "	
Chemical Logs Cut	181,435 "	- 99%
Chemical Logs Shipped	120,274 "	
Total	301,709 "	
Acreage Cut	46 Acres	
Yield per Acre	7,993 feet	
Saw Logs	18%	
Chemical Logs	82%	

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 and Cordwood.

Logs Removed	79,985 feet
Tie Cuts	177,360 "
Chemical Logs	764,910 "
Area Cut	160 Acres

OPERATION #166 - WINDFALL JOB

		Total of Complete Operation 1928-1929
<u>SAW LOGS AND TIE CUTS</u>		
Inventory, Dec. 31, 1929	None	
Shipments 1929	2,107,811 feet	3,407,631 feet
Less Inventory 1/1/29	190,923 "	
Produced during 1929	1,916,888 "	3,407,631 "
Area Cut	477 Acres	722 Acres
Yield per Acre	4,019 feet	4,720 feet
<u>CHEMICAL LOGS</u>		
Inventory, Dec. 31, 1929	None	
Shipments 1929	3,792,724 feet	5,088,662 feet
Less Inventory 1/1/29	65,539 "	
Produced during 1929	3,727,185 "	5,088,662 "
Area Cut	477 Acres	722 Acres
Yield per Acre	7,814 feet	7,048 feet
<u>RETURNS</u>		
Gross Returns	\$66,532.11	\$116,445.14
Less Operating Cost	31,040.60	57,825.11
Profit	\$35,491.51	\$ 58,620.03
Total Yield per Acre	11,833 feet	11,768 feet
Total Returns per Acre	\$74.40	\$81.19
Saw Logs and Tie Cuts	34%	40%
Chemical Logs	66%	60%

OPERATION #167 - WINDFALL JOB

SAW LOGS AND TIE CUTS	
Shipments 1929	1,048,835 feet
Inventory 12/31/29	391,637 "
Produced during 1929	1,440,472 "
Area Cut	680 Acres
Yield per Acre	2,118 feet
CHEMICAL LOGS	
Shipments 1929	2,906,103 feet
Inventory 12/31/29	597,510 "
Produced during 1929	3,503,613 "
Area Cut	680 Acres
Yield per Acre	5,152 feet
RETURNS	
Gross Returns	\$48,637.79
Less Operating Cost	17,187.80
Profit	\$31,449.99
Total Yield per Acre	7,270 feet
Total Returns per Acre	\$46.24
Saw Logs and Tie Cuts	30%
Chemical Logs	70%

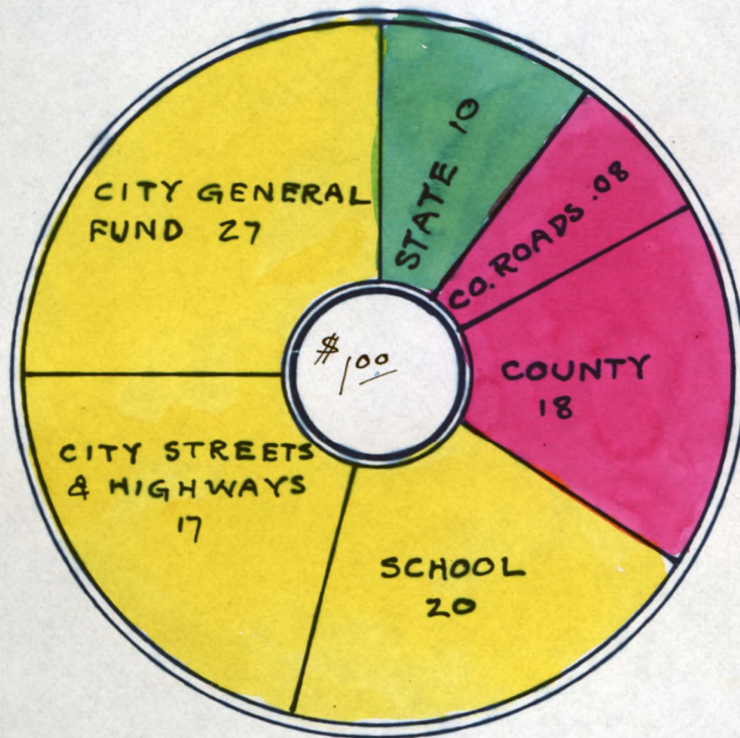
30%

70%

EXPERIMENTAL FOREST STATION

The cutting this fall was done on the southwest quarter of the Northeast quarter, 32 acres. Figures are not available at the present time and a more detailed report will follow later.

RAB:MD-3.
2/4/30.



NEGAUNEE TAXES 1929

	AMT PER 100 th VAL.	% PAID TO EACH 10 th
STATE	.3810	.10
COUNTY ROADS	.2886	.08
COUNTY	.6734	.18
SCHOOL	.7726	.20
CITY STREET & HIGHWAYS	.6228	.17
CITY GENERAL FUND	1.0026	.27
TOTAL	3.7410	1.00

2

NEGAUNEE CITY TAXES

YEAR	ASSESSED VALUATION		TAXES RAISED, SHOWING PROPORTION FOR EACH FUND															
			STATE TAX		COUNTY TAX		COUNTY ROAD TAX		SCHOOL TAX AND 1 MILL		CITY HIGHWAY TAX		CITY GENERAL TAX		TOTAL			
	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	%	AMOUNT	
1910	6,231,860	32	18,991	21 12	37936	32 23	9 133	09 6	46231	86 28	15579	65 09	35278	24 22	163150	37		
1911	19,431,380	100	48521	85 20	61931	56 25	13 237	29 5	59431	38 24	25013	34 10	39508	44 16	247643	86		
1912	18,468,890	95	40740	60 17	47489	82 19	14 880	15 6	63468	89 26	41873	02 17	35509	42 15	243961	90		
1913	19,191,930	99	60374	43 23	44523	45 17	14 890	79 6	69191	93 26	39000	00 15	33372	54 13	261353	14		
1914	16,528,030	85	31981	31 14	44532	23 19	14048	02 6	56528	08 24	25000	00 11	60023	63 26	232113	27		
1915	15,921,560	82	48866	42 18	43037	52 16	13838	43 5	55921	56 21	40000	00 15	69509	64 25	271173	57		
1916	15,716,170	81	32,524	90 12	45354	98 17	20669	79 8	55716	17 20	40000	00 15	76749	50 28	271015	34		
1917	16,292,330	84	44,363	67 14	53640	82 17	17953	93 6	66292	33 21	45000	00 15	86301	60 27	313552	35		
1918	17,443,290	92	44,407	86 13	56502	55 16	19835	69 6	67948	29 19	60000	00 17	103960	61 29	352654	40		
1919	18,945,540	97	70,218	26 17	59237	16 14	36872	65 9	78945	54 19	60000	00 15	106125	59 26	411399	20		
1920	19,032,159	98	69,371	97 15	62263	21 14	37547	95 8	114032	16 25	60000	00 14	106632	59 24	449847	88		
1921	20,626,781	106	71,175	65 14	70660	04 14	59936	99 12	115626	78 24	70000	00 14	106019	22 22	493418	70		
1922	20,771,217	107	62,253	27 13	77254	16 16	61473	27 13	105771	22 20	70000	00 14	116399	46 24	493151	38		
1923	21,094,292	108	57830	80 11	97943	70 19	63175	34 12	105994	33 21	70000	00 14	118019	41 23	512963	58		
1924	21,138,706	109	47876	16 9	83212	30 16	63155	54 12	116138	70 22	90000	00 17	138000	99 24	538383	69		
1925	20,408,573	105	54603	53 10	84590	73 16	51313	00 10	115462	67 22	90000	00 17	138006	03 25	533975	96		
1926	18,499,659	95	47562	65 08	99,810	62 17	48455	90 09	120499	65 20	100,000	00 17	171001	86 29	587,330	68		
1927	18,024,670	93	61503	39 10	93,859	51 17	43,276	49 07	120,024	67 20	100,000	00 17	171022	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	161025	19 28	571,083	87		
1929	16,056,390	83	61,177	39 10	108,117	92 18	46,334	48 08	124,056	39 21	100,000	00 16	161,018	45 27	600,704	68		
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 & MILL TAX		CITY HIGHWAY TAX		CITY GENERAL TAX		TOTAL	
	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%	RATE	%
1910	.3050	122	.6090	191	.1460	214	.7420	242	.2500	195	.5660	279	2.618	205
1911	.2497	100	.3187	100	.0682	100	.3060	100	.1284	100	.2030	100	1.274	100
1912	.2206	88	.2570	81	.0806	118	.3437	112	.2267	177	.1924	95	1.321	103
1913	.3145	126	.2320	73	.0776	114	.3605	118	.2032	158	.1742	86	1.362	107
1914	.1935	77	.2695	85	.0850	124	.3420	112	.1510	117	.3630	179	1.404	110
1915	.3068	123	.2703	85	.0869	127	.3510	115	.2510	195	.4370	215	1.703	133
1916	.2070	83	.2885	90	.1315	192	.3545	116	.2545	198	.4880	240	1.724	135
1917	.2722	109	.3292	103	.1102	161	.4070	133	.2764	215	.5300	261	1.925	151
1918	.2474	99	.3148	99	.1105	161	.3786	124	.3343	260	.5794	285	1.965	154
1919	.3705	148	.3125	98	.1946	284	.4167	136	.3167	247	.5600	276	2.171	170
1920	.3645	146	.3271	103	.1973	289	.6000	196	.3152	245	.5599	276	2.364	185
1921	.3450	138	.3426	107	.2906	425	.5606	183	.3394	264	.5138	253	2.392	188
1922	.2997	120	.3719	116	.2960	434	.5093	166	.3371	262	.5580	275	2.372	186
1923	.2741	109	.4643	145	.2995	439	.5030	164	.3318	258	.5593	276	2.432	191
1924	.2265	91	.3937	124	.2990	439	.5495	179	.4258	331	.6525	321	2.547	200
1925	.2675	107	.4145	130	.2515	368	.5655	185	.4410	344	.6760	333	2.616	205
1926	.2571	103	.5396	169	.2620	384	.6514	213	.5406	420	.9243	455	3.175	249
1927	.3413	137	.5208	164	.2400	352	.6660	218	.5550	432	.9489	467	3.272	257
1928	.2762	110	.5442	171	.2750	403	.7390	241	.5916	461	.9527	469	3.379	265
1929	.3810	153	.6734	211	.2886	423	.7726	252	.6228	485	1.0026	494	3.741	294
1930														

RAB.



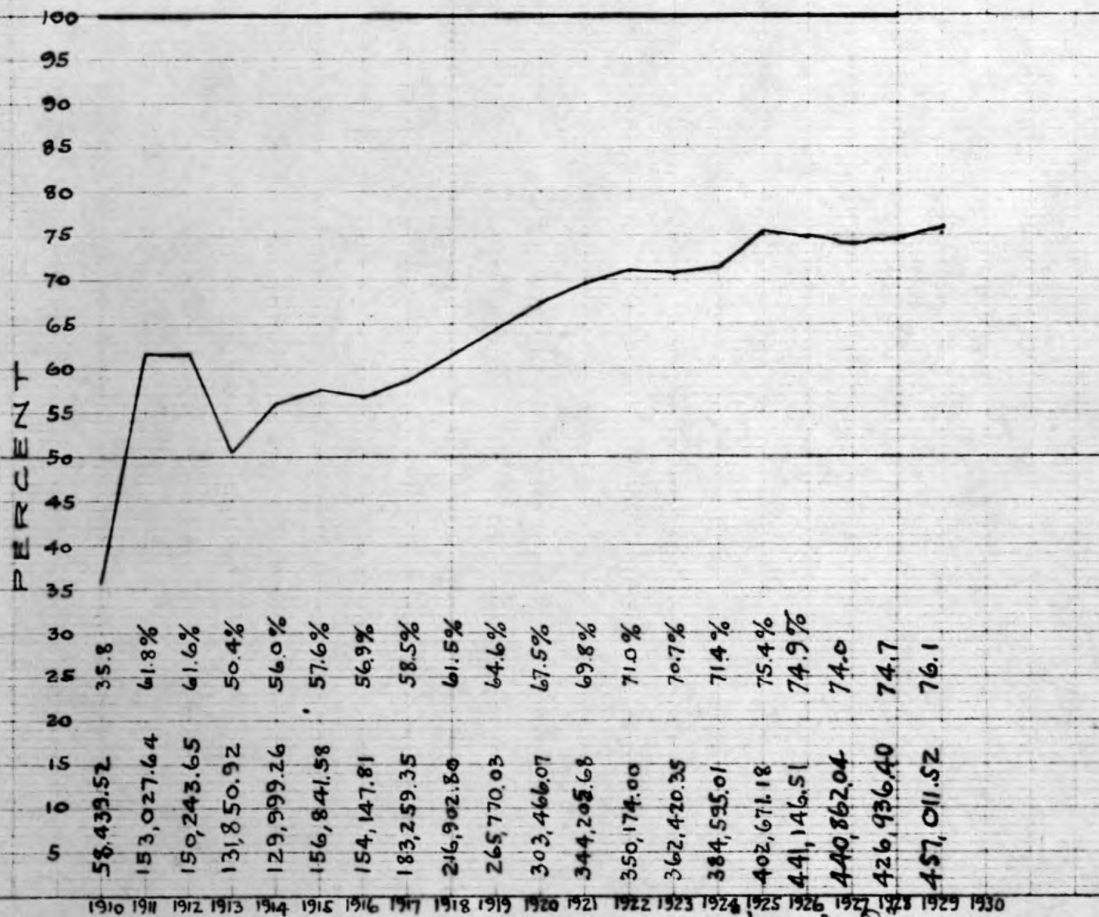
NEGAUNEE CITY TAXES

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	22677	11	32082	84			54759	95	336	3679	57	58439	52	35.8	38%
1911	63371	96	75504	03	7612	88	150488	87	60.8	2538	77	153027	64	61.8	100%
1912	65419	59	75344	67	7703	91	148468	17	60.8	1775	48	150243	65	61.6	98%
1913	50287	77	67993	26	10649	89	128930	92	49.3	2920	00	131850	92	50.4	86%
1914	49122	01	67891	20	9227	00	126240	21	54.4	3759	05	129999	26	56.0	85%
1915	58772	14	78968	25	13353	20	151093	59	55.7	5747	99	156841	58	57.6	102%
1916	58028	49	76953	76	13532	15	148514	40	54.8	5633	41	154147	81	56.9	101%
1917	64520	46	98003	94	15274	32	177798	72	56.7	5460	63	183259	35	58.5	120%
1918	74177	06	119425	26	15456	19	209058	51	59.3	7844	29	216902	80	61.5	142%
1919	86018	78	149583	85	23761	64	259364	27	63.1	6405	76	265770	03	64.6	174%
1920	93512	90	162621	64	38802	96	294937	40	65.5	8528	67	303466	07	67.5	198%
1921	91708	18	169627	32	69284	09	330619	59	67.0	13586	09	344205	68	69.8	225%
1922	89227	06	168379	92	82206	82	339813	80	67.0	10360	20	350174	00	71.0	229%
1923	94275	98	178234	31	79320	10	351830	39	68.6	10589	96	362420	35	70.7	237%
1924	100738	24	182329	00	90587	69	373654	93	69.4	10940	08	384595	01	71.4	251%
1925	120407	97	182488	73	90291	62	393188	32	73.6	9482	86	402671	18	75.4	263%
1926	127808	65	197766	68	104367	01	429942	34	72.5	11204	17	441146	51	74.9	288%
1927	125212	97	202405	02	101927	80	429545	79	72.1	11316	25	440862	04	74.0	288%
1928	124937	56	193546	02	96812	30	415295	88	72.7	11643	52	426936	40	74.7	279%
1929	146585	15	199695	33	97739	13	444,019	61	73.9	12991	91	457011	52	76.1	299%
1930															

NEGAUNEE CITY TAXES

5

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



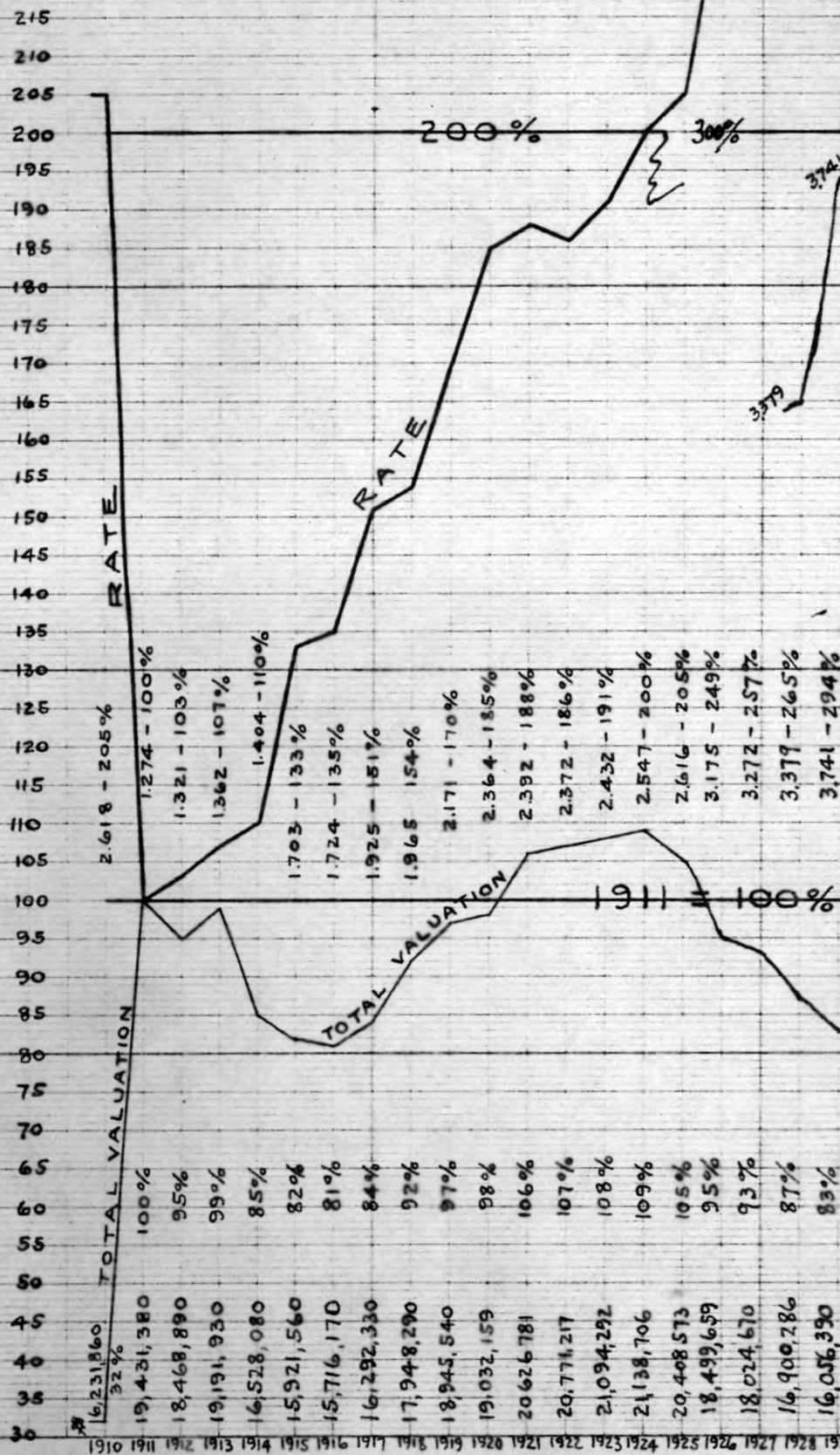
THE FREDERICK POST CO. REPRODUCED FROM PROFILE PLATE A

R.A.B.

NEGAUNEE CITY TAXES

6

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



RAB.

NEGAUNEE CITY TAXES.

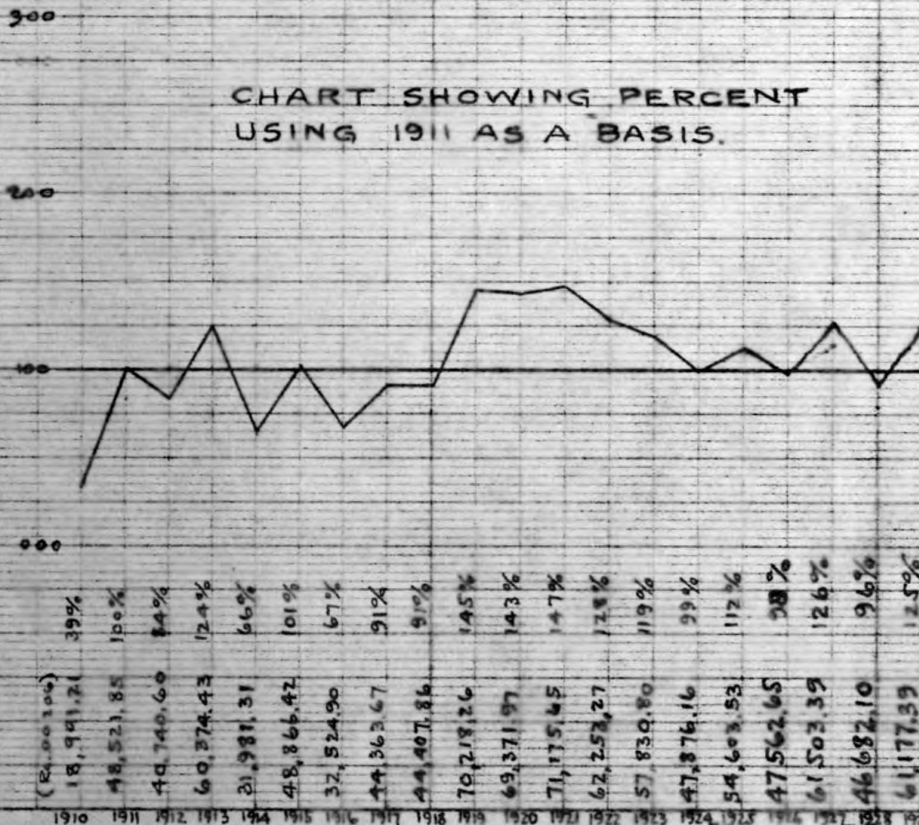
7

STATE TAX

CHART SHOWING RATE PERCENT
OF TOTAL TAX PAID



CHART SHOWING PERCENT
USING 1911 AS A BASIS.



Year	Amount	Percent (1911 as basis)
1910	18,941.21	39%
1911	48,521.85	100%
1912	40,740.60	84%
1913	60,374.43	124%
1914	21,981.31	66%
1915	48,866.42	101%
1916	32,524.90	67%
1917	44,363.67	91%
1918	44,407.86	91%
1919	70,218.26	145%
1920	69,371.97	143%
1921	71,175.45	147%
1922	62,253.27	128%
1923	57,830.80	119%
1924	47,876.16	99%
1925	54,643.53	112%

RAB

NEGAUNEE CITY TAXES

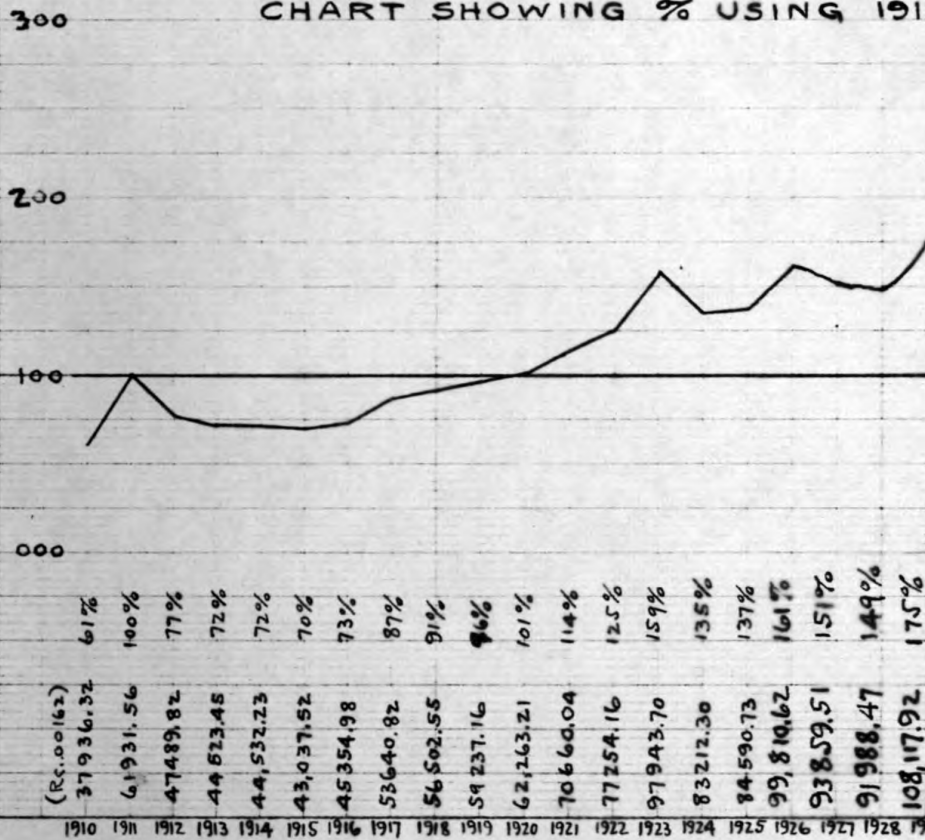
8

COUNTY TAX

CHART SHOWING % OF TOTAL TAX PAID



CHART SHOWING % USING 1911 AS A BASIS



Year	Total Tax Paid (Dollars)
1910	(Re. 00162) 37,936.32
1911	61,931.56
1912	47,489.82
1913	44,823.45
1914	44,532.23
1915	43,037.52
1916	45,354.98
1917	53,640.82
1918	56,502.55
1919	59,237.16
1920	62,263.21
1921	70,660.04
1922	77,254.16
1923	97,943.70
1924	83,212.30
1925	84,590.73
1926	99,810.62
1927	93,859.51
1928	91,988.47
1929	108,117.92

R.A.B.

NEGAUNEE CITY TAXES

9

COUNTY ROAD

CHART SHOWING % OF TOTAL TAX PAID.

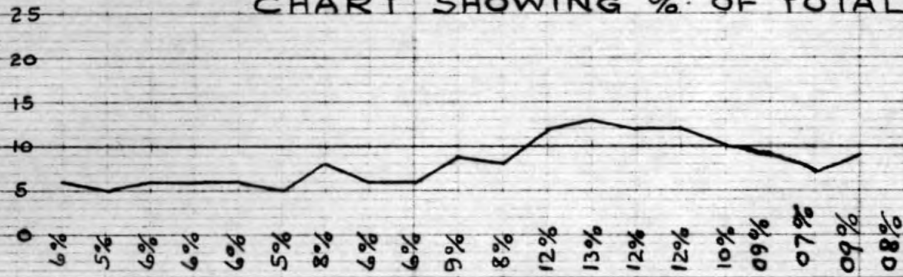
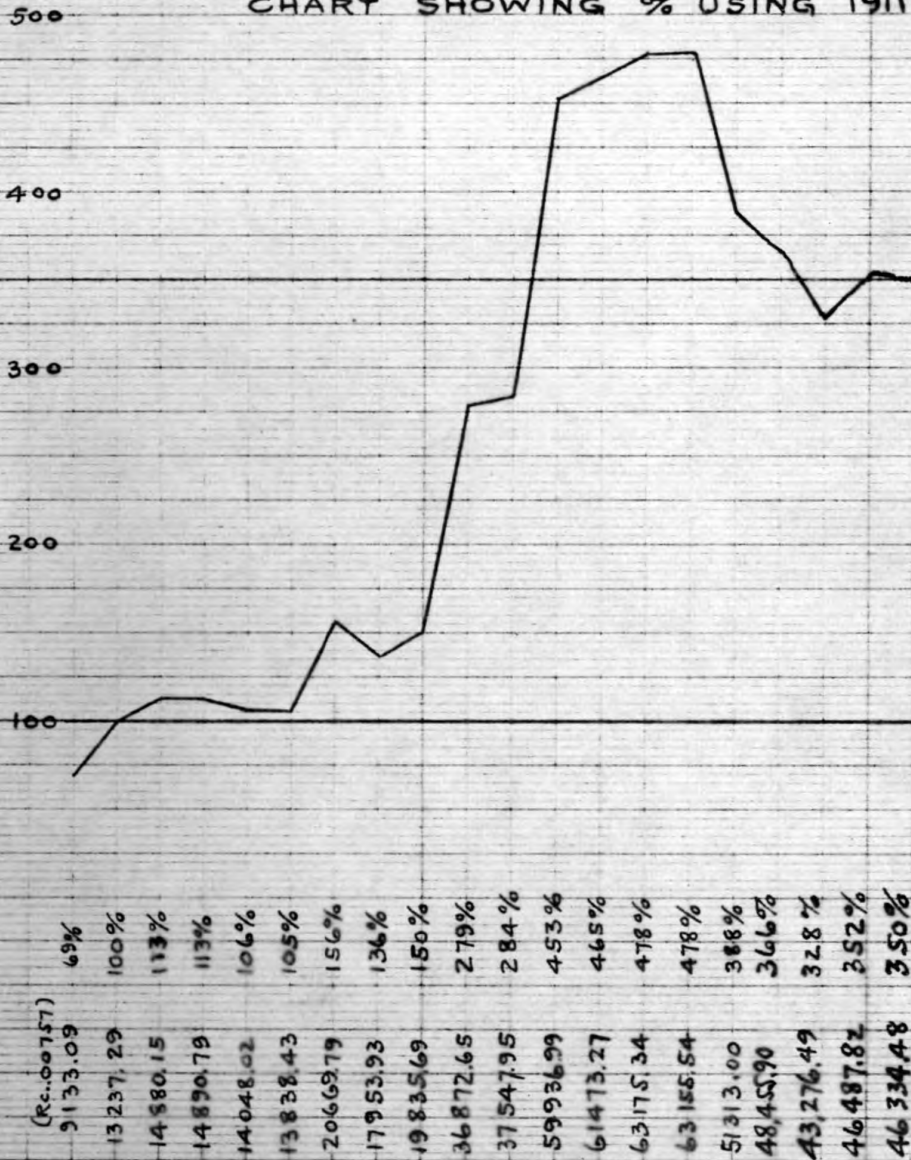


CHART SHOWING % USING 1911 AS A BASIS.



(Re. 00757)

5133.09
13237.29
14580.15
14890.79
14048.02
13828.43
20669.79
17953.93
19835.69
36872.65
37547.95
59936.99
61473.27
63175.34
63155.54
51313.00
48455.90
43276.49
46487.82
46334.48

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

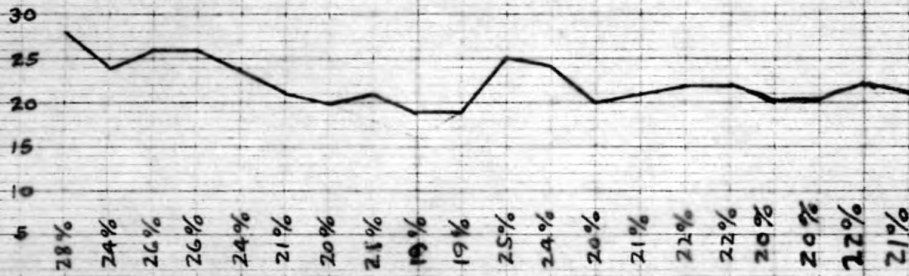
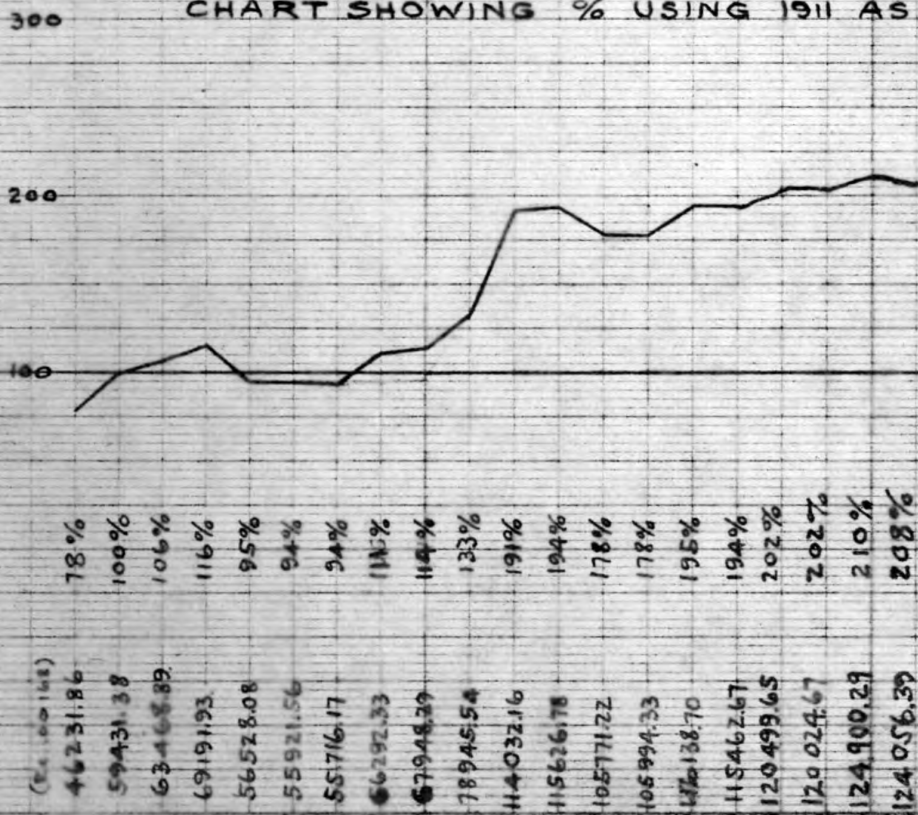


CHART SHOWING % USING 1911 AS A BASIS



R.A.B.

NEGAUNEE CITY TAXES

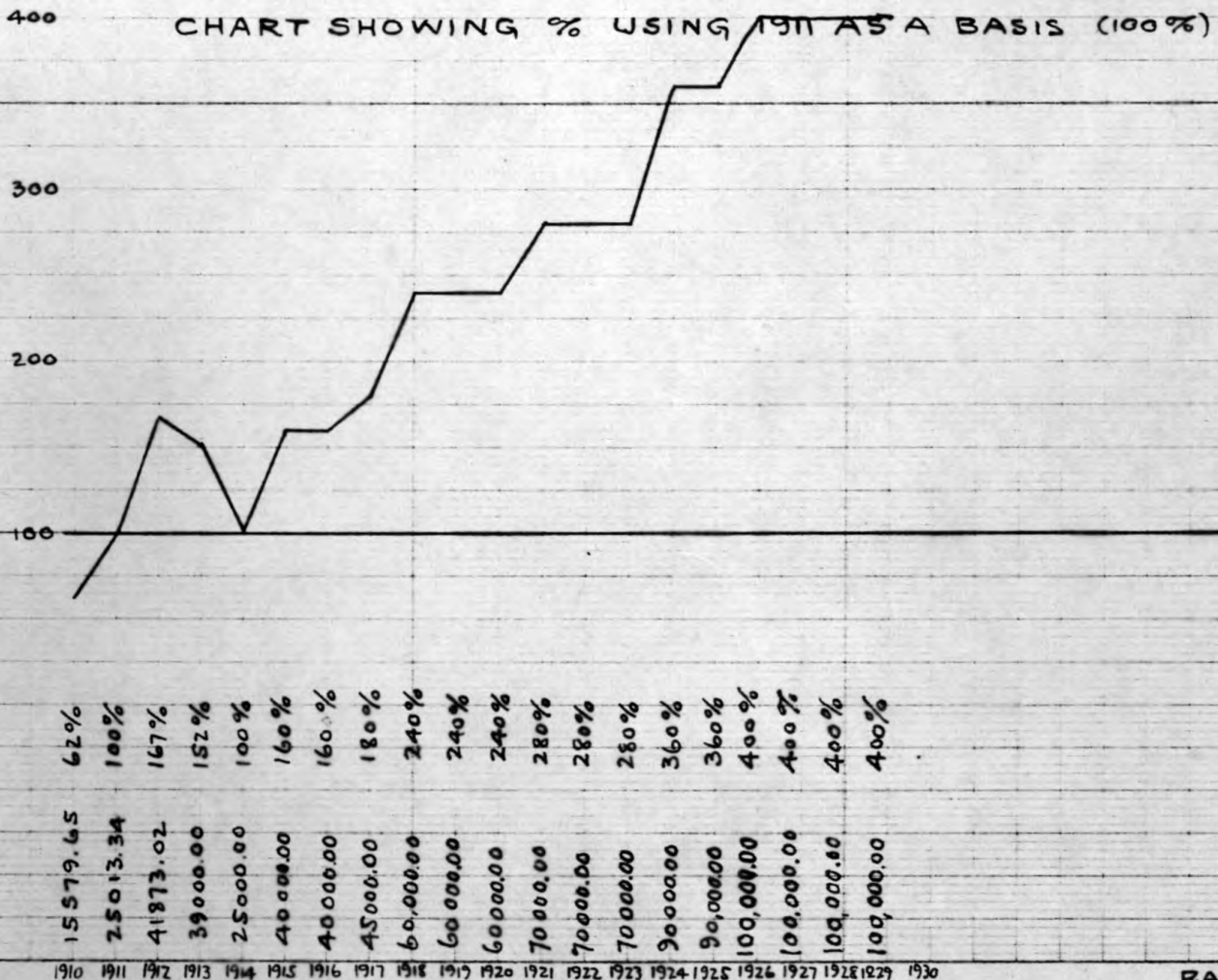
11

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

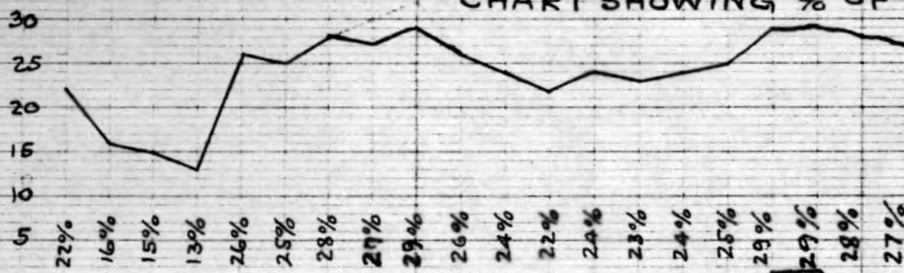
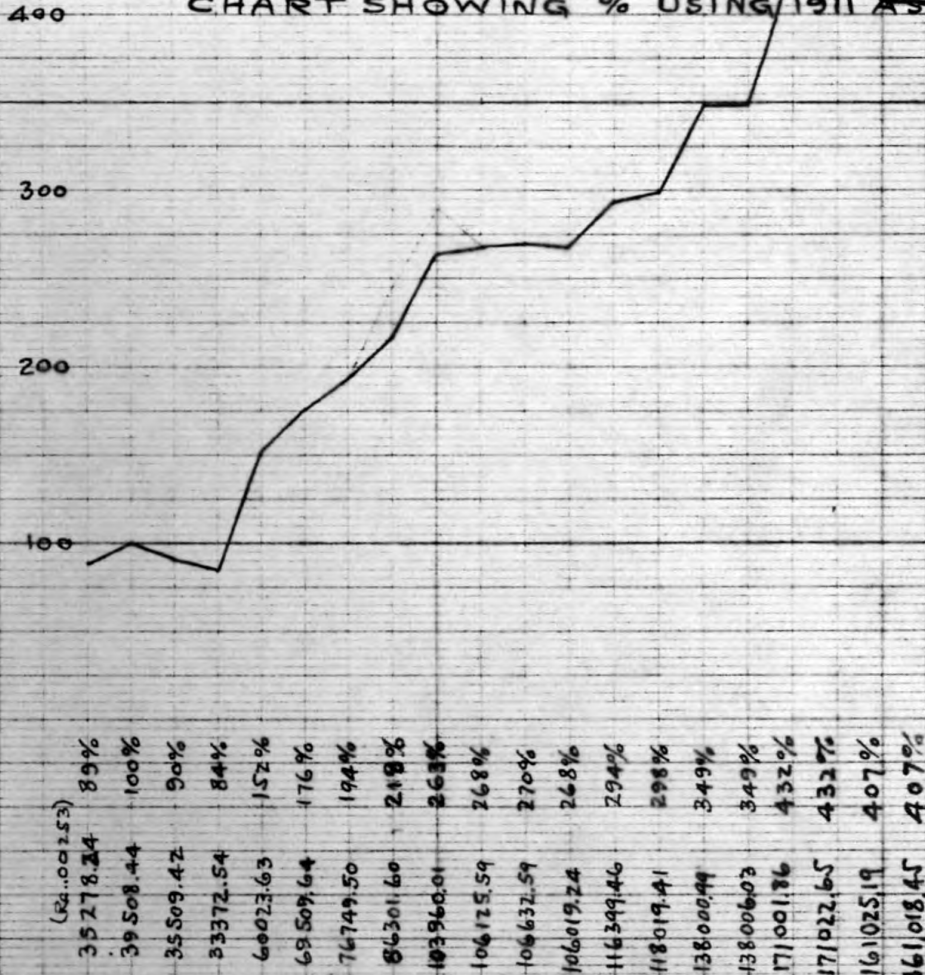


CHART SHOWING % USING 1911 AS A BASIS (100%)



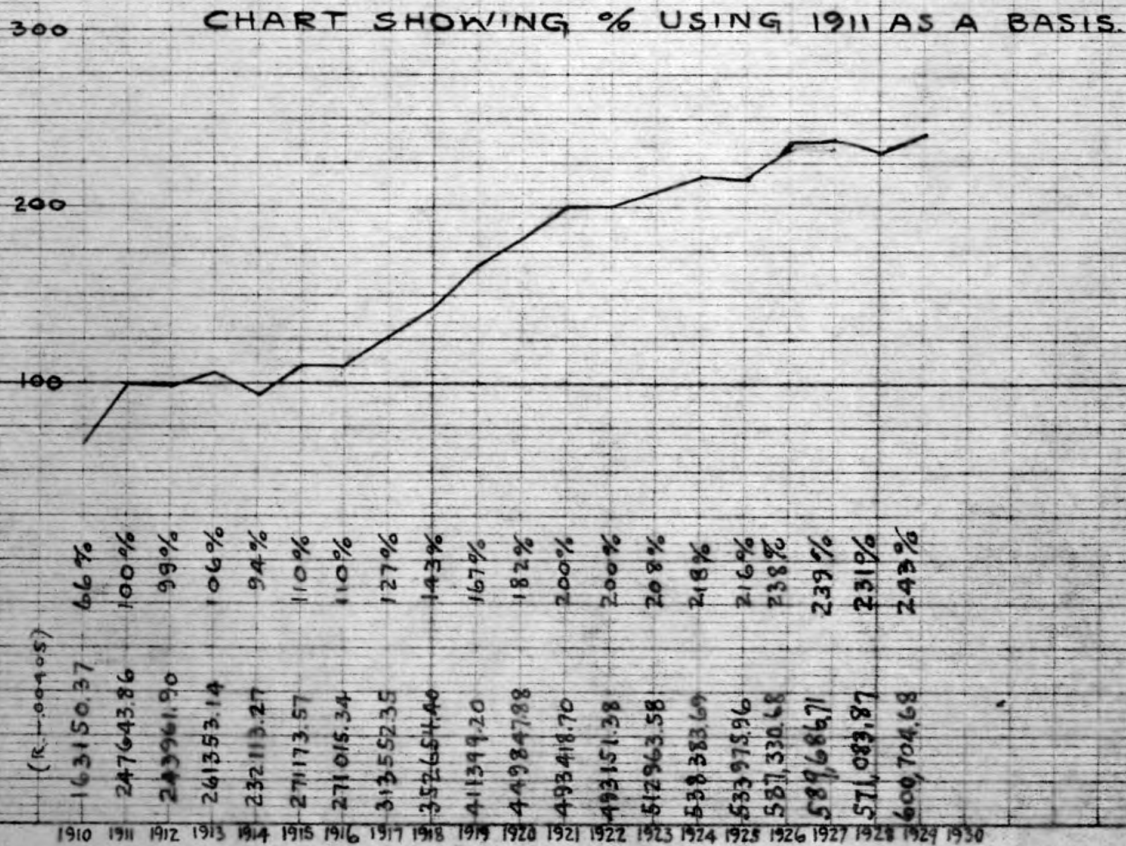
Year	Total Tax Paid	% Using 1911 as a Basis (100%)
1910	35,278.24	89%
1911	39,508.44	100%
1912	35,509.42	90%
1913	33,372.54	84%
1914	60,023.63	152%
1915	69,509.64	176%
1916	76,749.50	194%
1917	86,301.60	218%
1918	103,960.01	263%
1919	106,125.59	268%
1920	106,632.59	270%
1921	106,019.24	268%
1922	116,399.46	294%
1923	118,019.41	298%
1924	138,000.99	349%
1925	138,006.03	349%
1926	171,001.86	432%
1927	171,022.65	432%
1928	161,025.19	407%
1929	161,018.45	407%

NEGAUNEE CITY TAXES.

13

TOTAL TAX RAISED

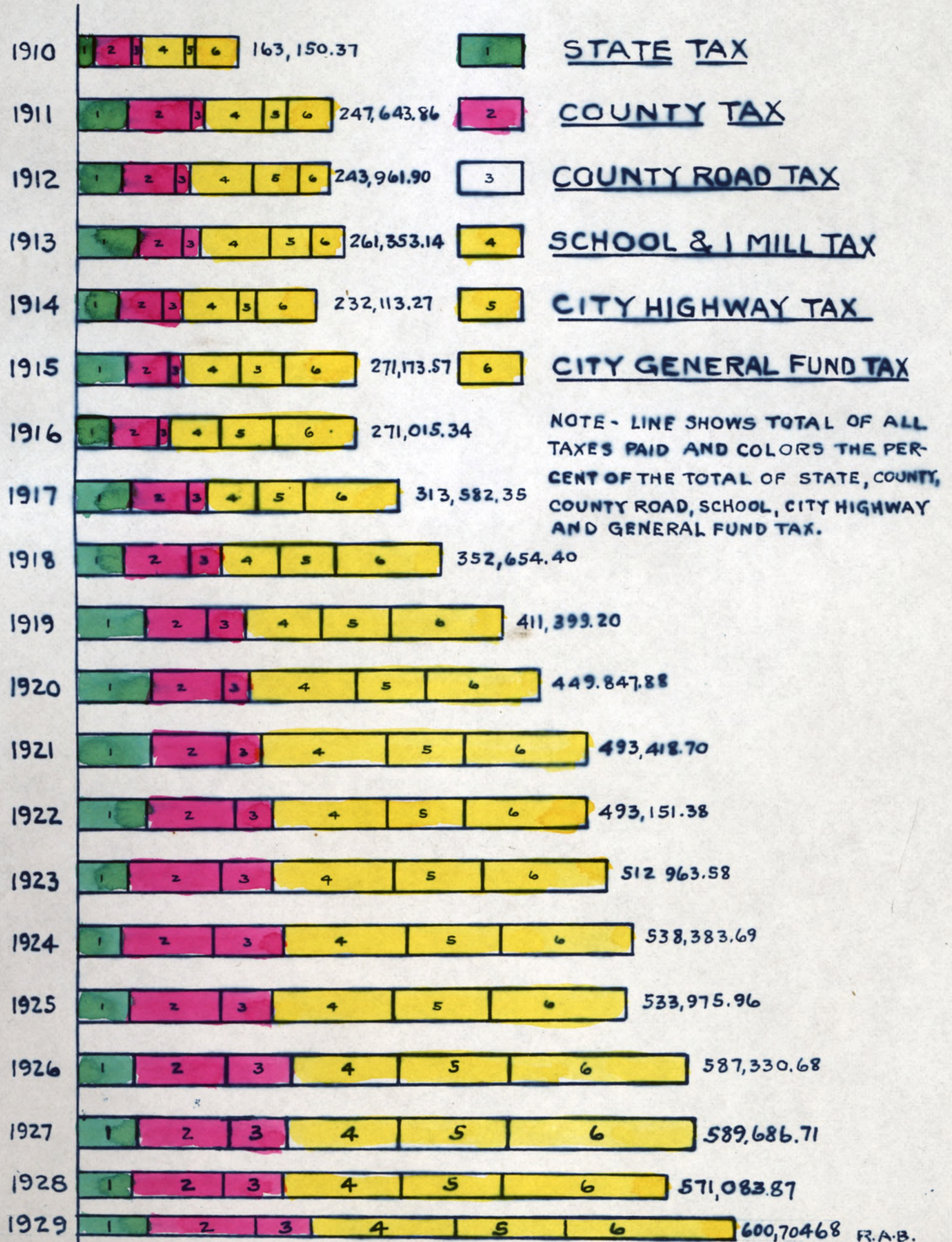
CHART SHOWING % USING 1911 AS A BASIS.



RAB.

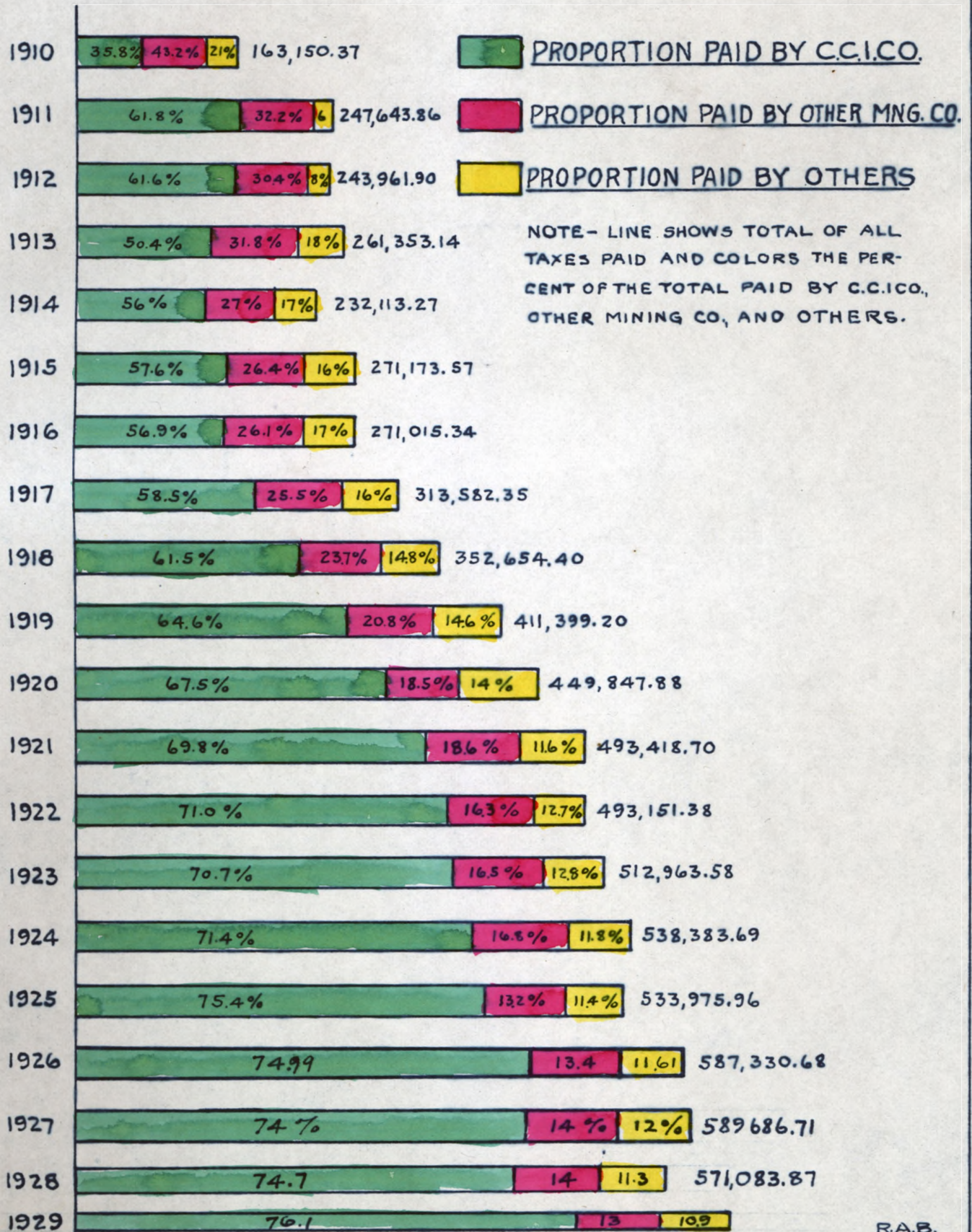
NEGAUNEE CITY TAXES

14

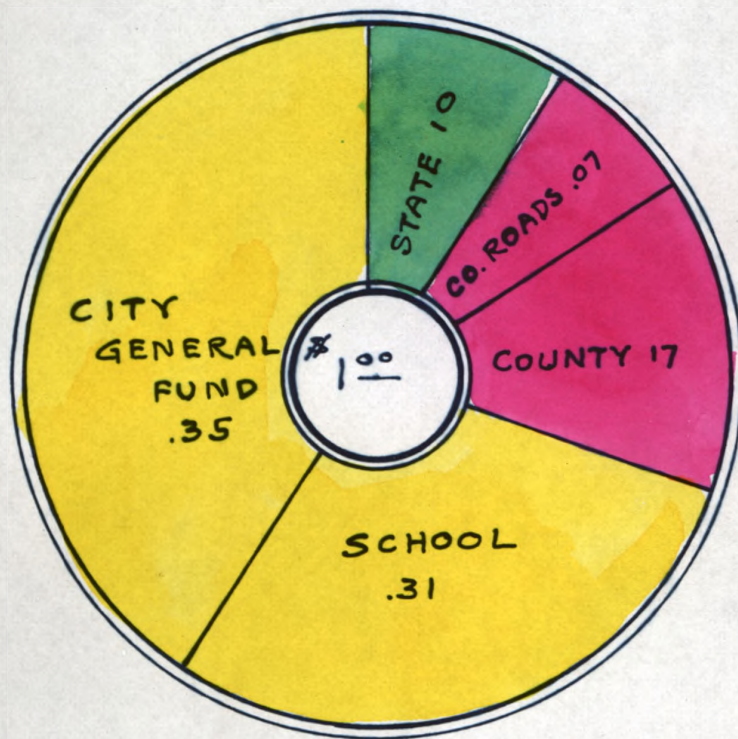


NEGAUNEE CITY TAXES

15

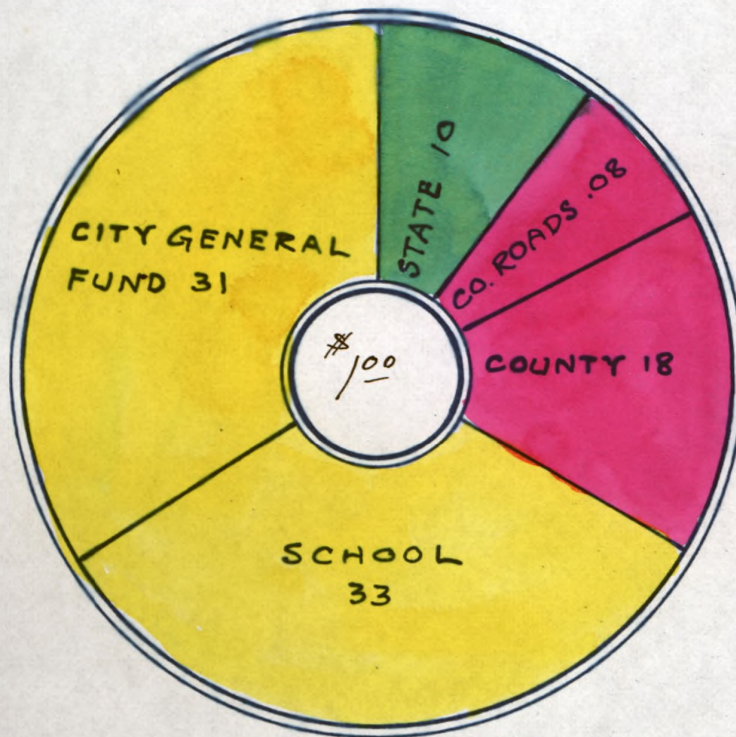


R.A.B.



MARQUETTE TAXES 1929

	AMT. PAID PER 100 ⁰⁰ VAL	% PAID TO EACH 100 ⁰⁰
STATE	.38	.10
COUNTY ROADS	.29	.07
COUNTY	.68	.17
SCHOOL	1.24	.31
CITY GEN. FUND	1.39	.35
TOTAL	3.98	1.00



ISHPEMING TAXES 1929

	AMT PER 100% VAL	% PAID TO EACH 100
STATE	.3810	.10
COUNTY ROADS	.2886	.08
COUNTY	.6734	.18
SCHOOL	1.2370	.33
CITY GEN. FUND	1.1760	.31
TOTAL	3.7560	1.00

ISHPEMING CITY TAXES

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

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	227,960.64			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	13,880,380	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	12,538.12	5	79,869.00	32	35,000.00	14	51,071.44	21	247,412.97	98,385.31	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	448,454.56	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	91,980.12	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	38,897.00	8	60,258.49	13	36,553.00	8	156,538.12	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	47,776.34	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	12,755,760	48,603.56	10	85,896.38	18	36,811.32	8	157,755.76	33	55,000.00	11	95,034.68	20	479,101.70	178,602.43	37.3	

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	.3390	125	.6750	195	.1625	220	1.0644*	199	.4153	243	.5258	197	3.1806*
1911	.2711	100	.3460	100	.0740	100	.5350*	100	.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	.2887	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	187
1925	.2675	99	.4145	120	.2515	339	1.1390	213	.4127	247	.6678	250	3.1530	190
1926	.2570	95	.540	156	.262	354	1.0830	203	.390	233	.741	278	3.273	197
1927	.3375	125	.5151	149	.2375	321	1.0890	203	.445	266	.6786	254	3.3027	199
1928	.2762	101	.5442	157	.2750	371	1.1290	211	.4264	255	.6642	245	3.3050	199
1929	.3810	141	.6734	195	.2896	390	1.2370	231	.4312	258	.7448	279	3.7580	226

* 2 Mill extra tax deducted for comparative purposes.

LUCE COUNTY TAXES

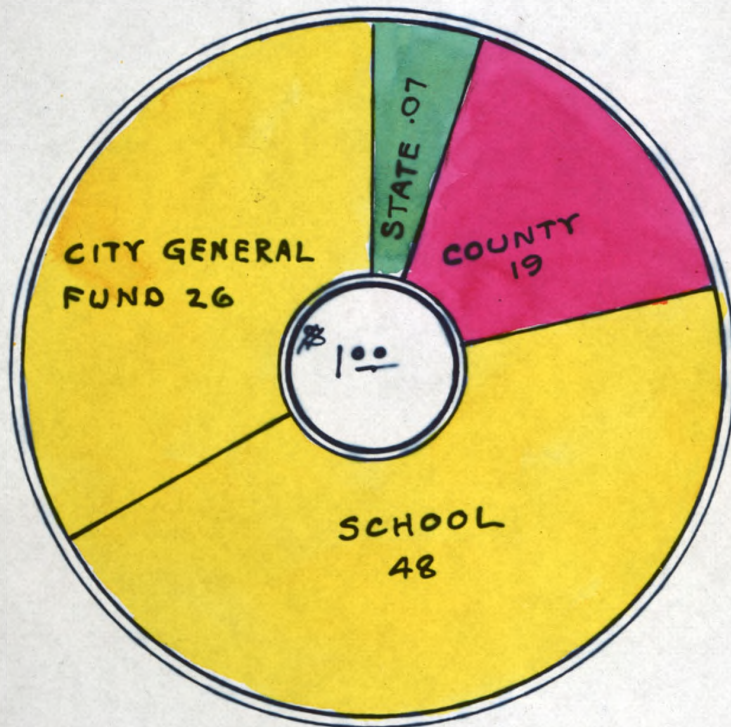
1921													1922															
TOWNSHIP	VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO		VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO			
												AMOUNT	%										AMOUNT	%				
COLUMBUS	1,121,720	00	38196	00	3.52	3428	69	11440	00	23327	31	27675	51	72	1,027,000	00	37584	19	3.58	2885	03	8654	80	26044	36	27935	53	74
LAKEFIELD	719,600	00	27214	35	4.32	2196	88	7330	00	17687	47	2842	90	10	616,000	00	25699	56	4.11	1732	56	5197	50	18769	50	2844	87	11
MC MILLAN	676,860	00	168343	31	2.55	20677	05	68990	00	78676	26	45829	59	27	6379,000	00	143100	32	2.29	17923	64	53769	10	71407	58	40703	36	28
PENTLAND	1,200,960	00	32938	93	2.69	3677	46	12240	00	17021	47	682	25	02	1,113,000	00	33452	27	2.89	3126	30	9378	60	20947	37	616	92	02
TOTAL	9,810,880	00	266,692	59		29980	08	100,000	00	136,712	51	77,030	25	29	9,135,000	00	239,836	34		25,667	53	77,000	00	137,168	81	72,100	68	30
TOTAL COUNTY																												

1923													1924															
TOWNSHIP	VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO		VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO			
												AMOUNT	%										AMOUNT	%				
COLUMBUS	1,044,295	00	36454	50	3.50	2622	01	8778	00	25054	49	27258	78	75	1,011,000	00	36629	21	3.64	2084	59	9570	00	24974	62	27183	79	72
LAKEFIELD	600,060	00	27079	96	4.50	1509	78	5058	90	20511	28	3054	16	11	522,000	00	18726	10	3.58	1108	62	5089	50	15527	98	2426	70	13
MC MILLAN	639,377	00	140249	76	2.24	16056	09	53799	90	70393	77	39925	69	28	6,460,000	00	163658	07	2.58	13451	20	61752	60	88454	27	45965	79	28
PENTLAND	1,112,800	00	29226	60	2.63	2794	36	9363	20	17069	04	547	86	02	1,108,000	00	30190	41	2.70	2306	31	10587	90	17296	20	522	64	02
TOTAL	9,150,930	00	233,010	82		22982	24	77,000	00	133,028	58	70,786	49	30	9,101,000	00	249,203	79		18,950	72	87,000	00	143,253	07	76,098	92	30
TOTAL COUNTY																												

1925													1926															
TOWNSHIP	VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO		VALUATION		TOTAL TAX		RATE	STATE		COUNTY		TOWNSHIP		PAID BY CCICO			
												AMOUNT	%										AMOUNT	%				
COLUMBUS	940,000	00	29666	33	3.18	2370	02	8126	55	19169	76	23121	49	78	934,305	00	28215	15	2.95	2272	07	9559	95	16383	13	21784	64	77
LAKEFIELD	445,000	00	22617	79	5.15	1120	81	3843	14	17653	84	3404	41	15	439,860	00	19205	29	4.28	1014	67	4269	29	13921	33	3020	92	15
MC MILLAN	6,225,000	00	157709	11	2.53	15689	12	53796	44	88223	55	44955	85	28	6,223,550	00	214138	39	3.51	14606	61	61458	46	138073	12	62014	65	28
PENTLAND	1,025,000	00	28718	92	2.72	2583	29	8857	87	17277	76	284	88	01	1,061,360	00	25849	08	2.69	2308	23	9712	10	13828	75	265	29	01
TOTAL	8,635,000	00	238,712	15		21763	24	74624	00	142,324	91	71,766	63	30	8,659,075	00	287,407	91		20,201	58	85,000	00	182,206	33	87,085	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	3 58	2850 54	9910 80	20173 93	26173 35	79	893,725 00	33321 19	3 74	2259 44	8334 75	22727 00	26791 08	80											
LAKEFIELD	413,000 00	21333 15	5 18	1271 25	4419 90	15642 00	3424 80	06	414,440 00	20655 48	4 99	1047 48	3864 00	15744 00	3301 81	06											
MC MILLAN	6,172,000 00	231132 80	3 78	18999 60	66058 20	146075 00	66233 34	27	5,881,190 00	197647 44	3 44	14879 19	54887 25	127881 00	56469 63	29											
PENTLAND	898,000 00	26799 43	2 98	2764 33	9611 10	14424 00	294 21	01	848,985 00	24591 38	2 92	2145 38	7914 00	14532 00	26449 01												
TOTAL	8,409,000 00	312200 65	3 71	25885 72	90000 00	196314 93	96125 70	31	8,038,340 00	276215 49	3 42	20331 49	75000 00	180884 00	88827 01	32											
1929														1930													
COLUMBUS	890310 00	34961 78	3 93	3059 95	8968 00	22933 93	26373 45	75																			
LAKEFIELD	409,695 00	21090 19	5 15	1408 50	4128 00	15553 69	3356 26	06																			
MC MILLAN	5,796,995 00	181647 16	3 17	20314 16	59536 00	101797 00	48171 32	27																			
PENTLAND	731,700 00	22207 64	3 05	2514 04	7368 00	12325 60	98 35	.005																			
TOTAL	7,828,700 00	259906 77	3 32	27296 65	80000 00	152610 12	77999 38	33																			
1931														1932													
COLUMBUS																											
LAKEFIELD																											
MC MILLAN																											
PENTLAND																											
TOTAL																											



MUNISING TAXES 1929

	AMT PER 100 ⁰⁰ VAL	% PAID TO EACH 1929
STATE	.32	.07
COUNTY	.94	.19
SCHOOL	2.33	48
CITY GEN. FUND	1.30	.26
TOTAL	4.89	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		171,377.93	
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		478,793.82	
1930			

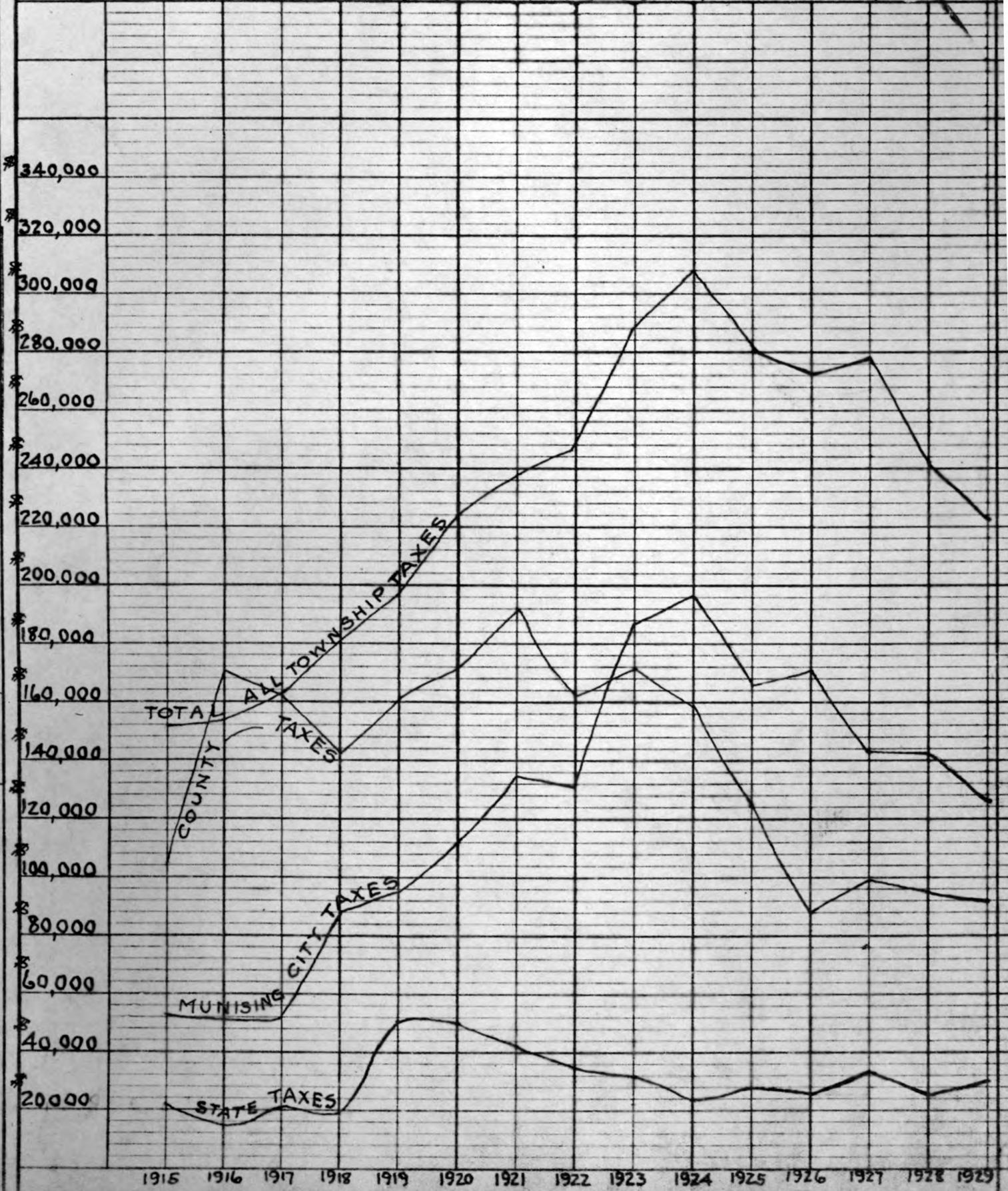
STATE
 COUNTY
 TOWNSHIPS & CITIES
 PAID BY CCICO.
 PAID BY OTHERS

SCALE 1" = 300,000

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

ALGER COUNTY TAXES

1915 1916 1917 1918 1919 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929



ROUTE BOOK GRADES CHECKED
 B. M. S. NOTED
 STRUCTURE NOTATIONS CHECKED
 NO. _____

ALGER COUNTY TAXES

1915														1916														
TOWNSHIP	VALUATION	TOTAL TAX			STATE	COUNTY	TOWNSHIP	PAID BY C.C.I. CO.			VALUATION	TOTAL TAX			STATE	COUNTY	TOWNSHIP	PAID BY C.C.I. CO.										
		AMOUNT	RATE	%				AMOUNT	RATE	%		AMOUNT	RATE	%														
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	44	6	48	2366	80	26429	77	25054	47	29194	15	54
ONOTA	411,995.00	20793	25	5	05	1355	00	7321	00	12111	25	7722	51	37	413295.00	22564	55	5	46	1027	70	11476	88	10059	97	8274	36	36
ROCK RIVER	1012,330.00	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
TOTAL	6,186,422.00	337652	23			20372	34	110002	00	207277	89	124461	15	37	6,569,029.00	397094	83			15745	32	169912	53	211436	98	154963	48	39
TOTAL COUNTY	6,186,422.00	337652	23												6,569,029.00	397094	83											

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	419,275.00	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
TOTAL	8,813,125.00	400467	86	4	65	20248	25	163067	00	217152	61	148898	17	37	14,672,215.00	432865	36			19192	32	142865	63	270807	41	140185	92	32
TOTAL COUNTY	8,813,125.00	400467	86												14,672,215.00	432865	36											

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	36,677.45	2.34	55.5	65	17,661.80	13,500.00	20,648.33	56	1,611,308.00	39,949.30	2.48	54.09	81	18,539.49	16,000.00	21,728.44	54								
BURT	1,498,810.00	63,847.80	4.26	52.67	60	16,867.50	41,712.70	42,311.48	66	1,498,315.00	73,926.67	4.61	52.49	26	17,989.31	50,688.10	45,629.20	61								
GRAND ISLAND	336,520.00	8,719.45	2.62	11.82	55	3,786.90	3,750.00	8,044.76	91	317,270.00	8,870.19	2.80	11.11	54	3,809.25	3,950.00	8,308.50	93								
LIMESTONE	1,062,945.00	45,621.06	4.30	37.35	45	11,961.45	29,924.16	13,180.50	29	1,092,323.00	42,603.35	3.91	38.26	90	13,114.83	25,661.62	12,951.72	30								
MATHIAS	719,975.00	32,930.63	4.58	25.30	15	8,102.00	22,298.48	5,446.54	16	738,140.00	42,248.13	5.73	25.86	03	8,862.36	30,799.74	7,087.76	17								
CITY OF MUNISING	4,500,735.00	159,704.55	3.55	158.16	95	50,647.35	93,240.25	178.56	01	4,423,425.00	185,663.90	4.21	154.97	22	53,109.12	117,057.56	24,434.45	13								
MUNISING TWP.	2,083,475.00	64,589.47	3.10	73.21	92	23,445.80	33,821.75	26,680.23	41	2,111,676.00	73,694.11	3.52	73.98	83	25,353.54	40,942.44	30,277.84	41								
ONOTA	1,220,600.00	42,025.45	3.45	42.89	85	13,735.60	24,000.00	15,628.82	37	1,411,725.00	42,501.70	3.49	41.79	27	14,322.43	24,000.00	15,681.77	37								
ROCK RIVER	1,336,215.00	48,590.40	3.65	46.95	80	15,036.60	28,858.00	18,279.48	37	1,192,905.00	53,753.57	3.81	49.45	90	16,949.67	31,858.00	20,539.66	38								
TOTAL	14,328,773.00	502,706.26		50.355	92	161,245.00	291,105.34	168,274.15	33	14,397,087.00	563,211.51		50.204	06	172,050.00	340,957.45	186,639.13	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	21,882.15	15,000.00	23,855.78	57	1,493,885.00	38,290.98	2.58	39.92	10	18,298.88	16,000.00	22,483.64	58								
BURT	1,494,135.00	74,732.45	5.02	45.80	55	21,424.34	48,727.56	49,657.46	66	1,467,385.00	68,760.72	4.68	39.21	31	17,965.57	46,873.84	46,420.94	67								
GRAND ISLAND	312,770.00	7,978.64	2.56	9.20	98	4,307.66	2,750.00	7,399.23	92	302,770.00	7,266.06	2.41	8.09	11	3,706.95	2,750.00	6,768.15	92								
LIMESTONE	1,030,325.00	50,095.97	4.85	31.43	73	14,704.00	32,248.24	16,150.48	32	1,022,093.00	42,421.77	4.64	27.31	36	12,513.79	27,176.62	15,623.29	37								
MATHIAS	734,675.00	37,192.57	5.31	22.27	70	10,419.52	24,545.35	6,497.95	17	753,320.00	36,936.80	4.93	20.13	21	9,223.59	25,700.00	6,908.59	18								
CITY OF MUNISING	4,007,505.00	206,912.22	5.18	123.38	28	57,709.14	136,864.80	30,485.19	15	3,856,650.00	189,528.50	4.94	103.06	05	47,217.37	132,005.08	25,927.54	14								
MUNISING TWP.	1,884,031.00	86,984.15	4.62	57.86	08	27,062.93	54,135.14	36,568.10	42	1,823,145.00	88,287.06	4.86	48.71	99	22,321.15	61,093.92	38,226.81	43								
ONOTA	1,207,385.00	46,963.81	3.90	36.92	60	17,271.21	26,000.00	17,243.37	36	1,241,780.00	47,420.57	3.82	33.18	19	15,202.38	28,900.00	16,869.53	36								
ROCK RIVER	1,351,840.00	57,697.85	4.37	39.31	32	18,387.73	35,378.80	22,528.24	39	1,283,790.00	57,084.20	4.46	34.30	75	15,718.05	37,935.40	22,437.33	39								
TOTAL	13,548,502.00	610,118.24	4.34	41.299	67	193,168.68	375,649.89	210,385.80	34	13,244,818.00	575,996.66		35.394	07	162,167.73	378,434.86	201,665.82	35								
TOTAL COUNTY	13,548,502.00	610,118.24								13,244,818.00	575,996.66															

ALGER COUNTY TAXES

1923													1924												
TOWNSHIP	VALUATION	TOTAL TAX			STATE	COUNTY	TOWNSHIP	PAID BY C.C.I.C.O.			VALUATION	TOTAL TAX			STATE	COUNTY	TOWNSHIP	PAID BY C.C.I.C.O.							
		AMOUNT		%				AMOUNT		%		AMOUNT		%											
AU TRAIN	1,480,495 00	42131	06	2 85	3993 22	21137 84	17000 00	24601 99	58	1482,815 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	1,062,748 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	67	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													

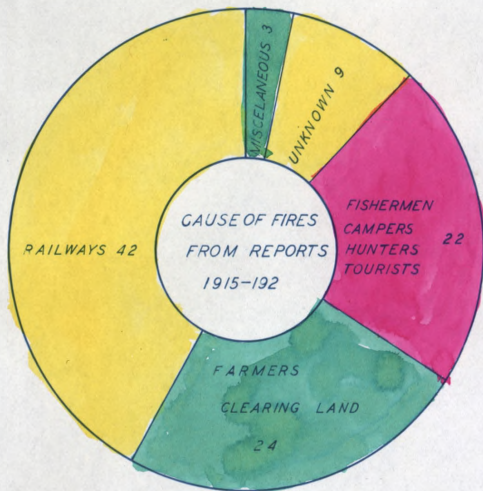
1925													1926												
AU TRAIN	1,290,850 00	32964	70	2 56	3182 85	14281 85	15500 00	17923 01	54	1,232,560 00	29597 03	2 40	2916 88	9680 15	17000 00	15821 65	53								
BURT	1,565,890 00	66024	00	4 22	3583 86	16081 24	46358 90	43377 16	65	1,544,855 00	63500 64	4 12	3439 05	11413 03	48648 56	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	92	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 57	33								
TOTAL COUNTY	12,757,363 00	601114	83							12,212,115 00	560317 24	4 59													

ALGER COUNTY TAXES

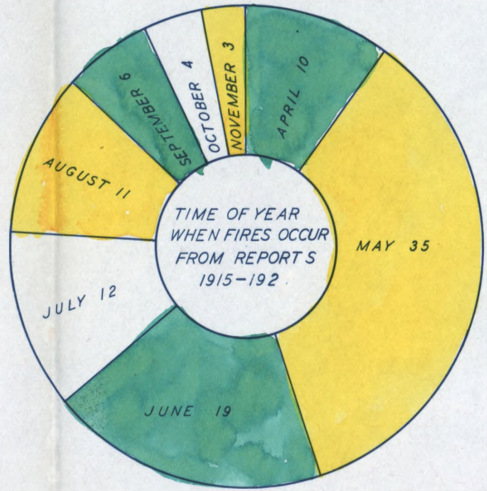
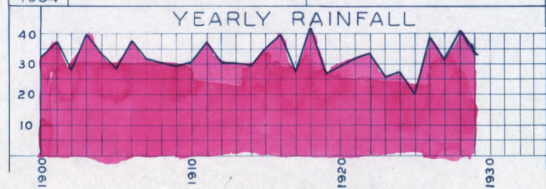
1927														1928													
TOWNSHIP	VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.		VALUATION	TOTAL TAX	RATE	STATE		COUNTY		TOWNSHIP		PAID BY C.C.I.CO.						
				AMT.	%	AMT.	%	AMT.	%	AMT.	%				AMT.	%	AMT.	%									
AU TRAIN	1,187,650.00	29,119.00	2.46	3,550.90	10,568.20	15,000.00	15,107.77	52	1,172,480.00	26,530.81	2.27	2,804.20	10,226.61	13,500.00	13,797.76	52											
BURT	1,540,160.00	74,987.07	4.88	4,623.88	13,761.59	56,601.60	49,841.78	66	1,567,360.00	71,026.81	4.56	3,748.63	13,670.82	53,607.36	47,271.33	66											
GRAND ISLAND	246,735.00	4,587.76	1.87	726.26	2,161.50	1,700.00	4,135.06	90	246,795.00	4,392.86	1.78	590.26	2,152.60	1,650.00	3,967.63	90											
LIMESTONE	751,025.00	49,834.34	6.64	2,243.43	6,676.91	40,914.00	21,949.21	44	724,750.00	37,554.78	5.20	1,733.37	6,321.41	29,500.00	4,857.30	01											
MATHIAS	628,875.00	29,253.05	4.77	1,870.25	5,566.25	21,816.55	5,412.27	18	591,250.00	27,271.08	4.63	1,414.08	5,157.00	20,700.00	5,166.32	19											
MUNISING CITY	3,635,500.00	184,800.45	5.10	10,136.83	30,169.22	144,494.40	14,026.86	07	3,710,190.00	184,110.20	4.98	8,694.23	31,706.86	143,709.11	7,128.36	04											
MUNISING TWP	1,527,652.00	70,606.96	4.60	4,552.53	13,549.23	52,505.20	42,168.47	59	1,519,855.00	70,182.38	4.63	3,635.01	13,256.48	53,290.89	41,670.99	59											
ONOTA	974,075.00	64,423.69	7.39	2,926.15	8,708.80	52,788.74	20,473.10	31	856,340.00	40,763.14	4.75	2,048.09	7,469.17	31,245.88	13,022.87	32											
ROCK RIVER	965,780.00	48,150.51	7.29	2,868.86	8,538.30	36,743.35	15,009.73	31	640,785.00	44,786.76	6.99	1,532.56	5,589.05	37,665.15	11,842.15	26											
TOTAL	11,457,450.00	555,762.93	4.85	33,499.09	99,700.00	422,563.84	188,122.25	34	11,029,805.00	506,618.82	4.60	26,200.43	95,550.00	384,868.39	144,353.14	28											

1929														1930													
AU TRAIN	1,041,320.00	24,042.88	2.30	3,302.46	9,740.42	11,000.00	14,482.01	60																			
BURT	1,560,840.00	72,407.69	4.63	4,949.38	14,599.41	52,858.40	48,261.81	67																			
GRAND ISLAND	246,745.00	4,189.54	1.70	782.27	2,307.27	1,100.00	3,821.17	91																			
LIMESTONE	709,960.00	32,392.88	4.56	2,251.68	6,641.20	23,500.00	630.43	02																			
MATHIAS	446,225.00	29,215.83	5.89	1,573.85	4,641.98	23,000.00	5,685.52	19																			
MUNISING CITY	3,516,325.00	171,377.93	4.87	11,151.40	32,890.45	127,336.08	6,602.45	04																			
MUNISING TWP	1,303,901.00	65,629.53	5.03	4,135.48	12,197.35	49,296.70	4,961.70	76																			
ONOTA	836,615.00	35,542.78	4.25	2,653.38	7,826.00	25,063.40	11,489.04	32																			
ROCK RIVER	605,690.00	43,994.76	7.26	1,921.00	5,665.92	36,407.84	12,981.45	30																			
TOTAL	10,317,621.00	478,793.82	4.64	32,721.40	96,510.00	349,562.42	153,570.95	31																			

FOREST FIRES

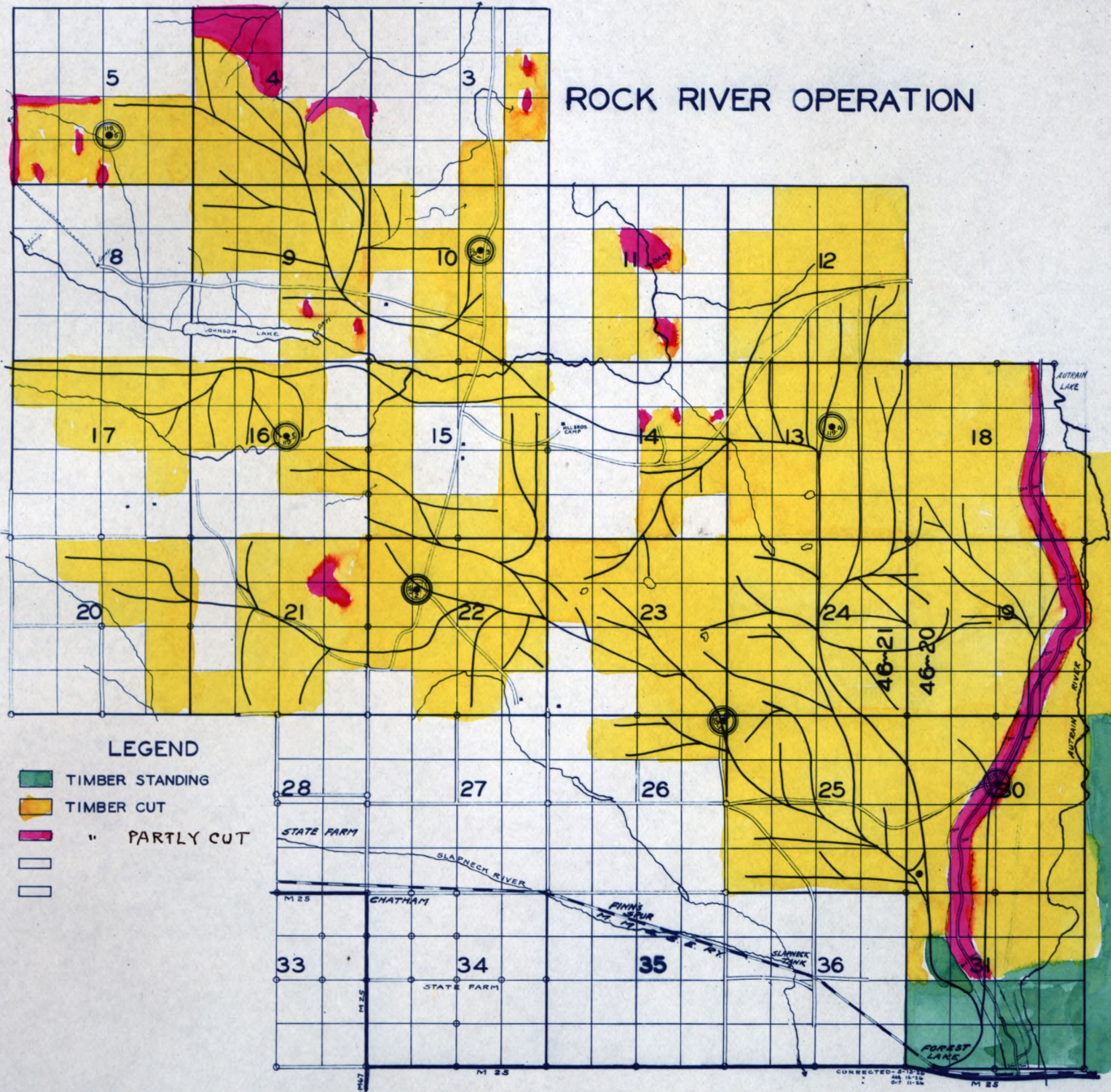


YEAR	NUMBER OF FIRES ON CCICO LAND	LOSS FROM FIRES ON CCICO LAND
1915	34	3038
1916	25	124
1917	22	1012
1918	27	1641
1919	56	8896
1920	22	53535
1921	56	17655
1922	4	00
1923	36	56857
1924	29	81529
1925	71	33158
1926	4	00
1927	4	00
1928	00	00
1929	13	00
1930		
1931		
1932		
1933		
1934		



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

ROCK RIVER OPERATION

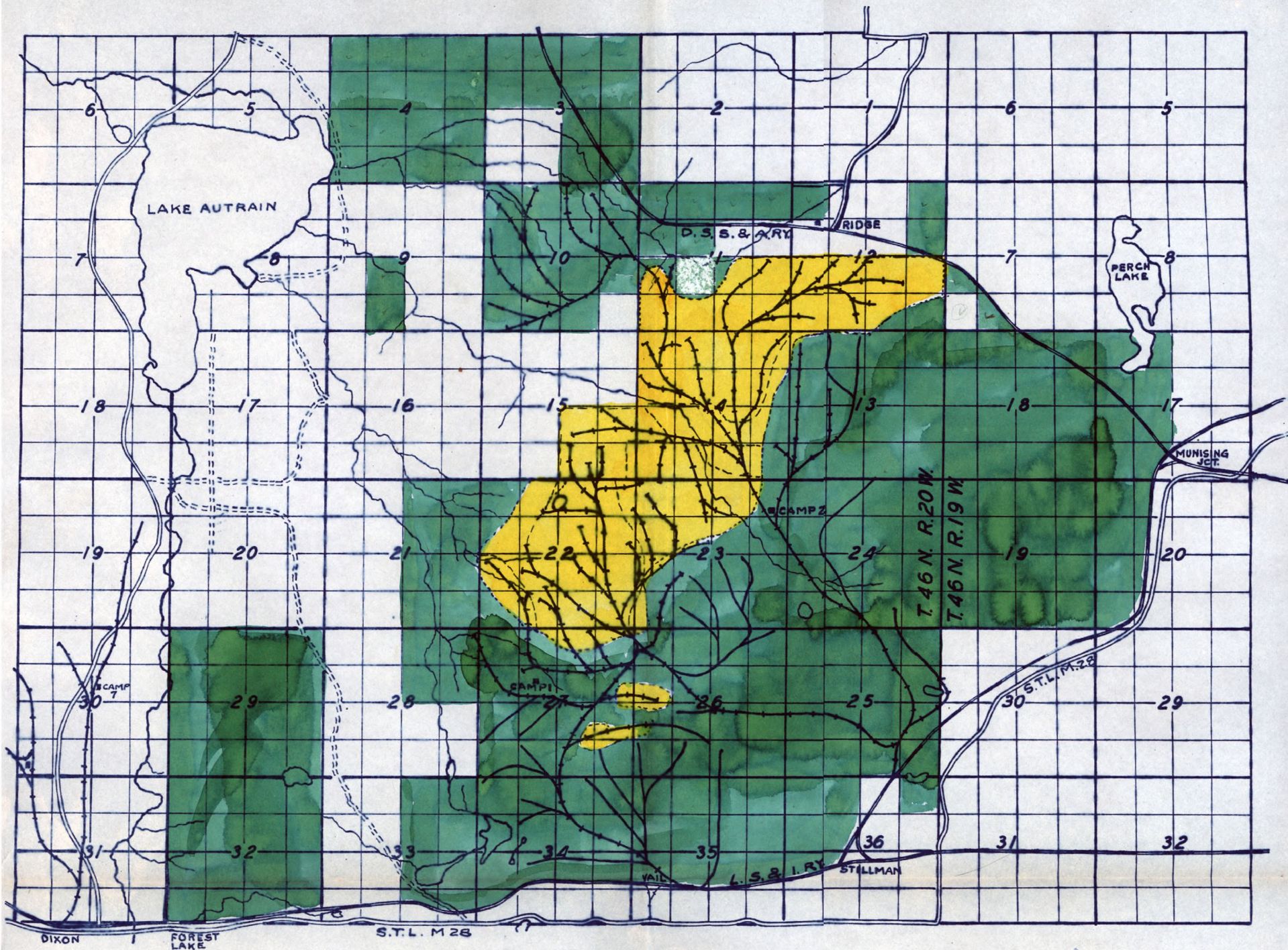


LEGEND

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

CORRECTED BY THE
M 25

M. BROTHERTON

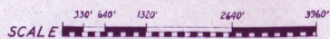


OPERATION 154

LEGEND
 GREEN-TIMBER STANDING
 YELLOW-TIMBER CUT

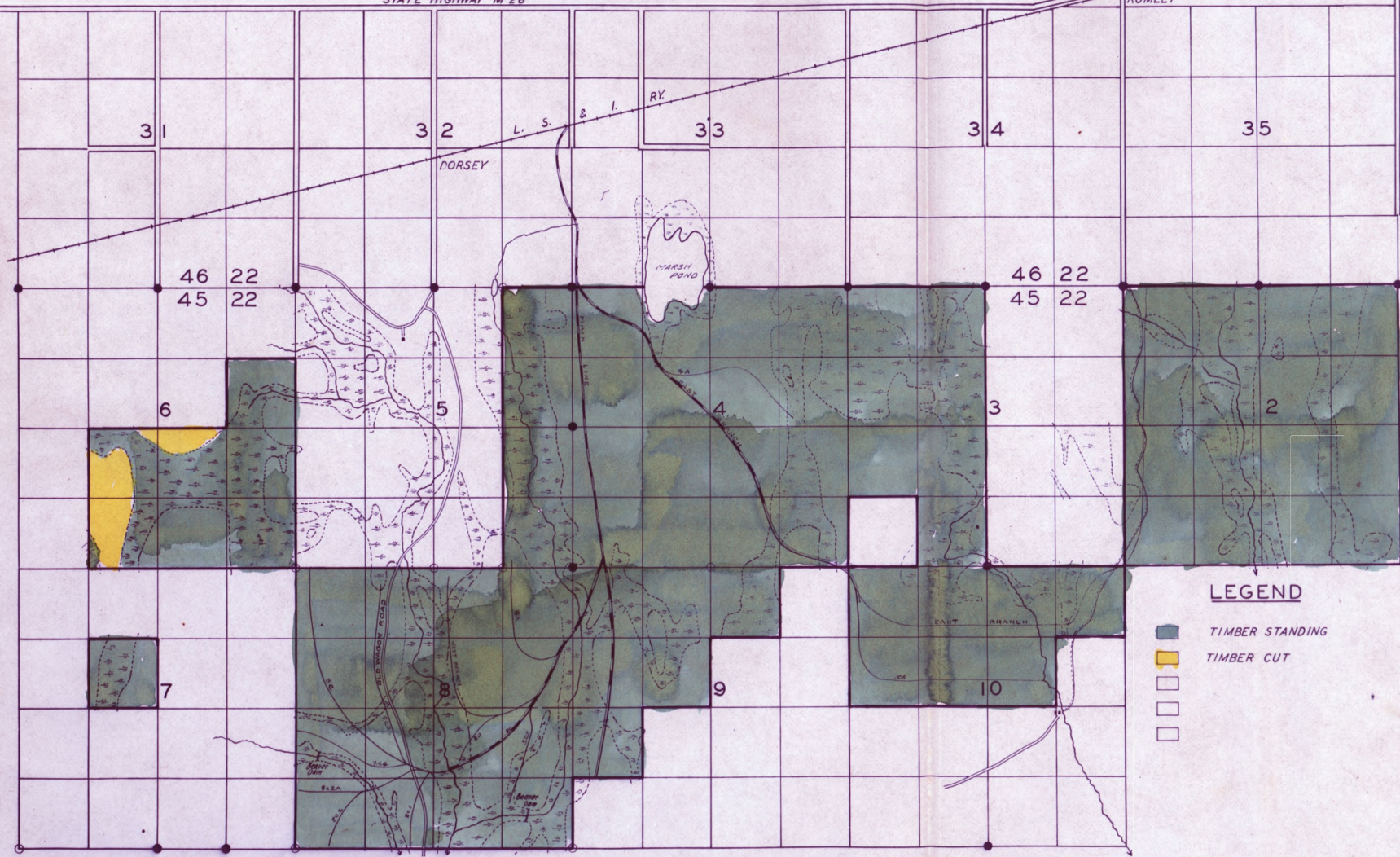
Scale 2" = 1 mile.
 R.A.B.

LOGGING OPERATION 159



STATE HIGHWAY M 28

RUMLEY

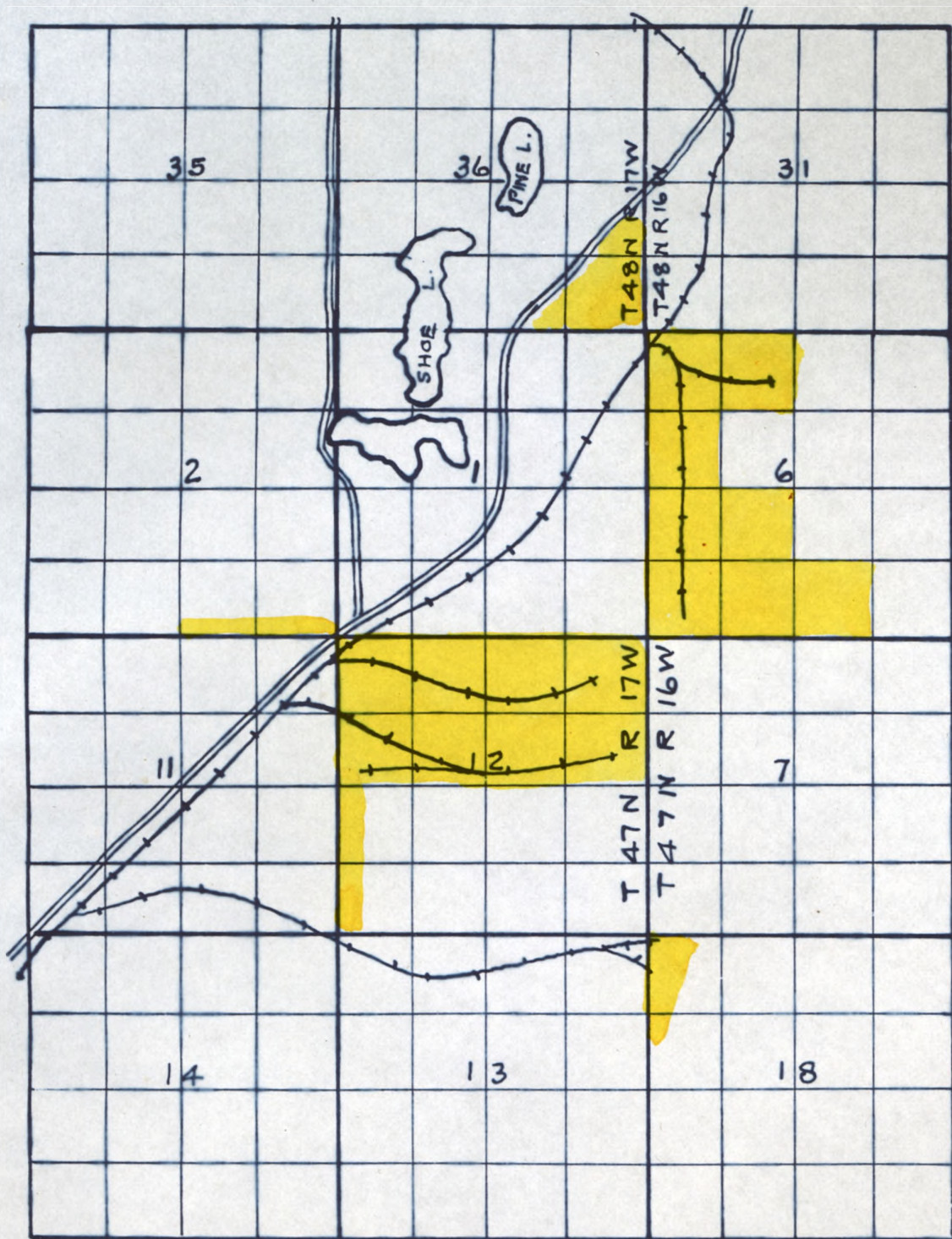


LEGEND

- TIMBER STANDING
- TIMBER CUT
-
-
-

R. A. BROTHERTON, C.E.

CON. 1522 11-1928



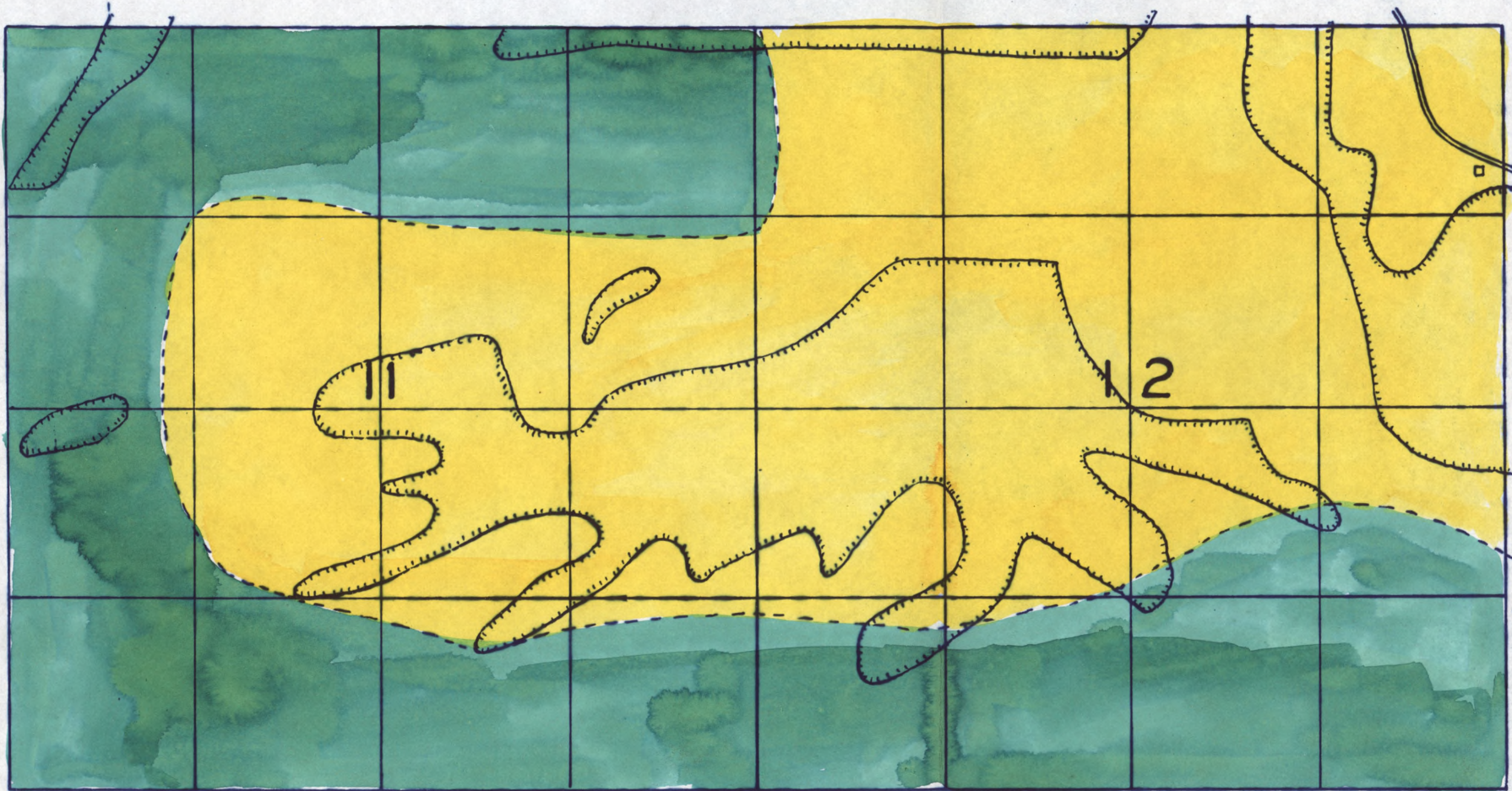
Scale 2" = 1 mile.
R.A.B.


OPERATION 166

LEGEND

- STANDING TIMBER
- CUT TIMBER



OPERATION 167 47-18



WINDFALL AREA 

Scale 1" = 800'

LUSTILA
CAMP

-  STANDING TIMBER
-  CUT "

Apr 1979
RAB

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

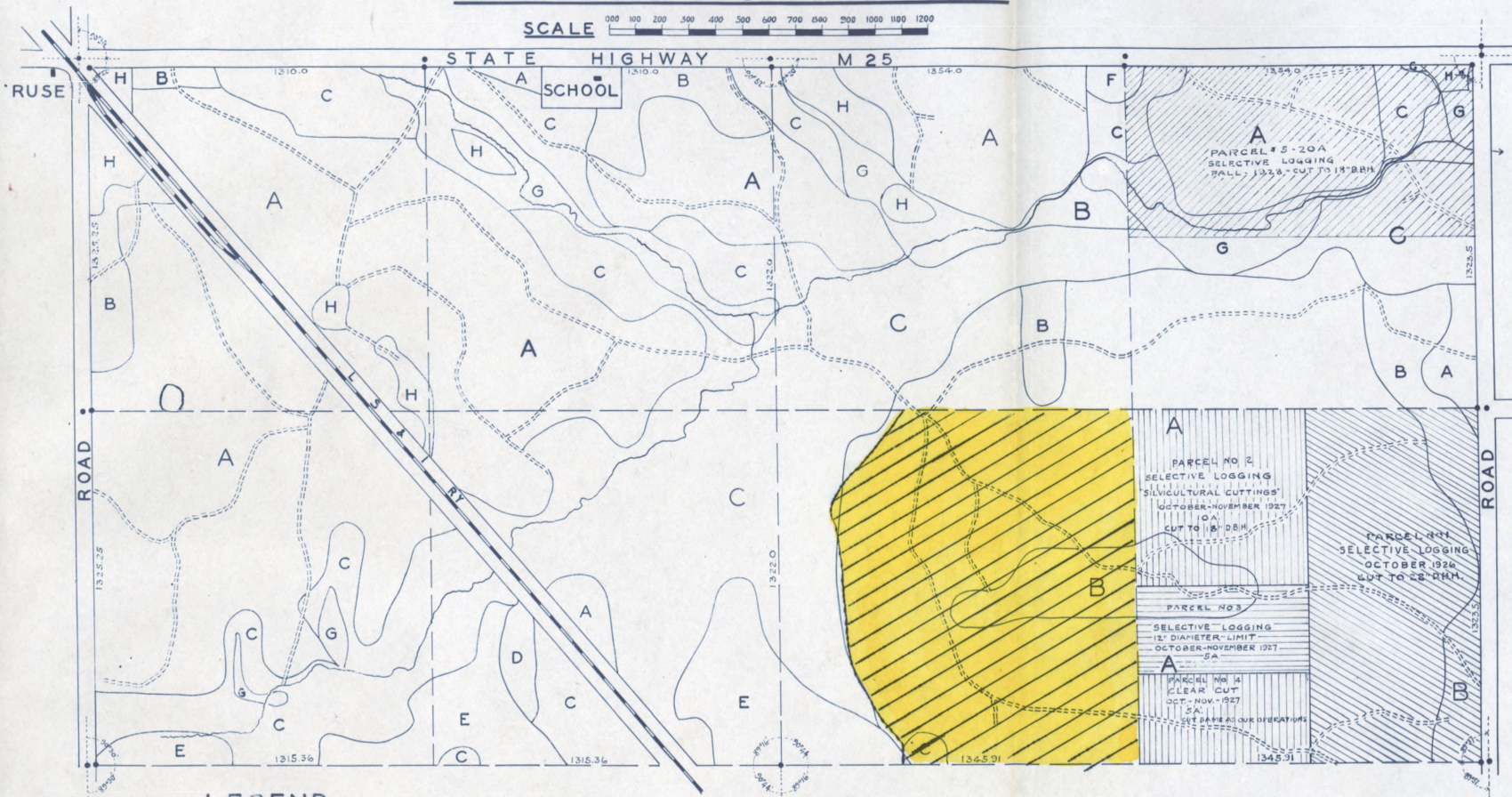
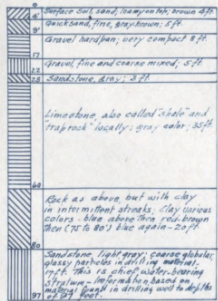


DIAGRAM OF UNDERLYING SOIL AT U. P. EXPT. STATION, RUSE, MICHIGAN



LEGEND

HARDWOODS		HARDWOOD CONIFERS	HEMLOCK HARDWOODS	CONIFEROUS SWAMP	SECOND-GROWTH HARDWOODS	ALDER SWAMP	OPEN
HEAVY	LIGHT	C	D	E	F	G	H
A	B	C	D	E	F	G	H
AVERAGE STAND PER ACRE GROSS		8.1M	16.3M	6.2M			
13.2M							
AREA - ACRES		23.0	75.0	1.0	12.0	0.6	14.0
177.0							

CUTTINGS OF 1929
32A.

ESTIMATE OF TIMBER

	HARDWOOD			SOFTWOOD					PULPWOOD			MISCELLANEOUS			TOTAL cu. ft.	TOTAL PER ACRE			
	BIRCH	MAPLE	ELM	ASH	HEMLOCK	PINE	SPRUCE	BALSAM	CEDAR	TAMARACK	BALSAM CD	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	6,91+
LOWNEY 1926	175,000	1,880,000	3,000	7,000	10,000	15,000	7,000	5,000	55,000	2,000	75	50	4,500	2,000	1,700	360	9700	2,601,000	8,130
GOV'T 1926	423,400	2,021,300	13,000	4,600	30,900	21,700		43,000	24,100	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 1500 FT. HARDWOOD TIES 210,000 FT. OR A TOTAL OF 442,000 FT. ALSO 50,000 FT. OF BIRDSEYE MAPLE WAS INCLUDED IN MAPLE ESTIMATES.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF FOREST FIRES OCCURRING DURING THE YEAR 1929 AS REPORTED BY THE VARIOUS DEPARTMENTS OF THE CLEVELAND-CLIFFS IRON COMPANY.

REPORT NO.	DATE 1929	LOCATION	OWNER OF LAND		SPARKS FROM ENGINE	C A U S E FARMERS BURNING BRUSH	MISCL.	PREVENTABLE OR NOT	ATTRIBUTABLE		QUANTITIES & KINDS	LAND DEPT.	LEGG. DEPT.	BY. DEPT.	COST TO PUT OUT FIRES	LOSS VALUE TO OUTSIDE PARTIES
			CO. SOLD	OTHER PARTIES					TO PRACTICES OF COMPANY	TO PRACTICES OF OUTSIDE PARTIES						
1	Apr. 19	Half mile east of Hallston			1 or		Match	Yes		1	Telephone pole					
2	Apr. 22	On south side of main line track opposite Cliff shaft switch			1			"			None destroyed				5 hrs. labor	
3	May 9	About 1 mile east of North Lake siding					Cinders from open ash pan on steam shovel	"		1	None destroyed				2 " "	
4	May 10	Finnegan Yard - Negaunee Branch					Unknown	"			Old slashing of cedar stumps				21 " "	
5	May 10	North of main line about opposite wye track at Eagle Mills			1			"							12 " "	
6	May 25	1/4 mile from Basil's siding near Prison Farm					Unknown	"			None destroyed				1 " "	
7	May 25	3/4 mile west of Chapman					Cigarette	"			None destroyed				8 " "	
8	Aug. 2	On Bridge 2-41. Almost 2 1/2 miles west of Munising					Cinder from firebox of engine	"			None destroyed				1 min. "	

MD-5.
1/20/30.

REPORT OF STEPHEN LOWNEY, SR., LAND LOOKER,
FOR YEAR 1929.

Following is a report of the work in general done on The Cleveland-Cliffs Iron Company lands during the year 1929 by the Land Lookers.

During the year the Company had two crews, comprising four men, steadily 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 about 30,500 acres of land. He examined about 17,000 acres in the region north of Newberry in Townships 46, 27, 48 and 49 North, Ranges 8, 9, 10 and 11 West. The balance being about 13,500 acres he examined in Townships 45, 46, 47 and 48 North of Ranges 5, 13, 15, 16, 17, 20, 23, 24, 26, 27, 28, 29 and 30 West.

TRESPASSES

He found and reported on a total of 158 trespasses.

Most of them were for cutting small quantities of 4 to 8" Hardwood second growth timber near Ishpeming, Negaunee, National Mine, Palmer and Eagle Mills by farmers and town people for fuel.

Some were for farm fences being slightly over and onto Company lands.

Some were for sand or gravel taken to repair township or state roads.

Some were for the cutting of small quantities of pulpwood, posts, ties, etc.

Some were for cutting of substantial quantities of saw log timber.

These trespasses near the towns and mines in this second growth Hardwood timber are not so harmful for the amount of timber taken, but they are harmful and dangerous for their haphazard locations which, in dry seasons, can be the means of extensive and costly forest fires.

EXAMINING LANDS

He is now examining lands in the Taquamenon River or Newberry District in Townships 47 North of Ranges 9 and 10 West.

On several occasions I have had an opportunity to run over and re-examine some of the lands examined during the past few years by this man and am pleased to

say that in every instance and whether the lands were located near towns or railroads, or in the remotest regions, found the work in all instances to be accurate and reliable. This trait of work and character is not only praiseworthy to the man, but is also very fortunate for any one having use for his services.

OUR OWN PARTY

Our own party examined 16,560 acres of lands and found and reported 28 trespasses.

Practically all of these trespasses were for the cutting of timbers that were suitable for saw log purposes.

In addition to examining these lands and trespasses, spent considerable time in patrolling the properties to protect them from fires that might be set or caused by the carelessness of fishermen, hunters, trappers, fern pickers, berry pickers, road makers, farmers, railroad engines, etc.

Also did considerable work on state, county and township roads to see and insist that in widening or cutting out new ones, they do the work in a manner to waste no timber and to cause no additional fire hazard.

Also spent considerable time with prospective purchasers and also on numerous other projects for the betterment and protection of Company's lands.

FOREST FIRES

We have had practically no forest fires during the year 1929 and practically no loss of Company's timber by them, which was due largely to the almost continuous rains.

Depletion of the forests by those numerous operations cutting and slashing promiscuously, and haphazardly digging in and cutting through the comparatively small area of timber lands left is unavoidably bad and very wasteful, but the timber loss that can and will develop during any unusually dry season by a vicious forest fire or fires can and will, in a day, cause more loss to timber lands than is caused by careless or careful timber operations of many years and for this reason it behooves every timber man and all men in the Company's employ to be faithfully watching and ready, night or day, to put out all little fires at their starting, for these small fires are those which develop into big ones.

The Company owns the largest, best and most compact tract of timber lands to be found anywhere in the entire Upper Peninsula of Michigan and by proper cutting or operating methods, which means always, that cuttings should be concentrated as much as possible to as nearly one properly selected spot as possible.

This will cheapen the cost by eliminating surplus railroads, camps, etc., and in addition it places the forest in a solid unbroken position which makes it almost impregnable against forest fires, and should one develop, the crew and equipment is on the job and ready to put it out.

WINDFALL HARDWOOD TIMBER

Since about the middle of September 1928, the Company's Lumbering Department and their jobbers have been cutting the windfallen hardwood timber in the windfallen area and they have also been cutting all the green hardwood timber standing in, and much of it adjacent to, the windfallen district in Sections 11 and 12 in Townships 47-18, Section 12 in Township 47-17, Section 36 in Township 48-17 and Section 6 in Township 47-16. They are now working in Sections 11 and 12 in Townships 47-18 and it is likely they will clean up the bulk of the windfallen timber on these sections mentioned this winter.

NEW PROJECTS

Parties have been drilling and testing the Company's sandstone on Section 20 in 47-18 near what is known as Sand Point on Munising Bay for the purpose, it is claimed, of making glass providing the material is of right character, etc.

Talked with the moneyed man of this project at Munising but did not ask him details. He told me he bought Powell's Point and judging from his attitude and cheerfulness believe the sandstone project will develop.

The St. Paul Tie Company, after spending a lot of money, with no profit, in the Walsh Siding District, pulled out of there and started a new operation and a Tie Saw Mill on Section 23 in 48-17. They finished this Section 23 last summer and pulled out of there with, I am sure, another disappointment and money loss. About a month ago, they bought 280 acres of timber lands in Section 28 of Township 46-20 and put in a Tie

Saw Mill on a spur of the Lake Superior and Ishpeming Railroad on the SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 32 in 46-20. They put this job in the hands of an unsuccessful jobber whom they had to furnish and equip with horses, auto trucks and supplies. I hope for the welfare of the St. Paul Tie Company and the jobber, that they make good, but I am certain, judging from the rough character of the areas they purchased and the general layout of their operations, they will not.

LUMBERING

Lumbering in the Marquette, Munising and Trenary Districts is being carried on at present quite briskly.

The Cleveland-Cliffs Iron Company have three company camps and two jobbers. Jackson & Tindle have two company camps and three jobbers.

Stephenson Co. have twelve jobber camps in Townships 44 and 45 of Range 23 and no company camps.

Wisconsin Land and Lumber Company have 1 company camp and fifteen jobbers in Townships 44 and 45 of Range 22. This company, like the Stephenson Co., is cutting all timber of every kind on its lands. They cut their log timber to about a 10" top, and the 8 to 10" diameters of coarse sound tops, etc., they make into unpeeled ties with an axe in the woods. The Hardwood tops, small trees or defective trees that will not make saw logs or ties are cut into cordwood and put on cars by a responsible jobber at a total cost to the company of \$3.75 to \$3.90 per cord, which gives the Company a profit of about 60¢ per cord on its cordwood which yields, after the saw logs and tie timber are taken out, between 7 and 10 cords per acre. They also have notices posted in their camps stating their compensation applies to monthly men only and not to piece makers, contractors, etc. They say the timber quantities they are getting are falling much short of their estimate.

I believe that easily three-fourths of the logging products that is being hauled to the railroads in this entire region is being done with auto trucks and tractors, and only a small portion of this work is now being done with logging sleighs and horses.

WASTE LANDS

In Luce and Alger Counties, the Company has a very large acreage of lands having

little or no timber of commercial value, they being either wet open marshes or burnt plains from which the Pine was cut and removed about forty years ago, and from a timber and agricultural standpoint, they are not worth paying taxes on.

SECOND GROWTH OF HARDWOOD TIMBER LANDS

It is pleasing to note in these areas adjacent to the Company's mines near Ishpeming, Negaunee, Palmer, National Mine, Eagle Mills, Marquette, etc., the thick thrifty forests of second growth timber consisting of mostly Maple, lightly mixed with Poplar, Birch, White Birch, Balsam, White Pine, Jack Pine, etc., with diameters on stump of from 4 to 10" and commercial lengths suitable for pulpwood, excelsior, mining timber, and woodenware products of from 20 to 40 feet.

With a little better than ordinary care to prevent forest fires, these Hardwood second growth areas will, in a comparatively short time, have sufficient timber to supply much of the timber that will be used in the Company's mines.

FARM OR CUT-OVER LANDS

Cut-over or farm lands in the Trenary, Winters, Chatham and Rumely Districts are the equal from every standpoint (except for markets) of the best lands for agriculture to be found anywhere in the entire Upper Peninsula.

Since about 1918 or the beginning of this extensive automobile craze, most of the young men and young women have left the farms and gone to the cities manufacturing automobiles. At about that same time, parties representing what is known as the Federal Loan, whose business was, it seems, lending money to farmers likely for the purpose of helping them. The farmers were quick to borrow as much money on their farms as they possibly could, so in a little while, with their help gone, small crops and poor markets and with farm taxes and Federal Loan interest due, they find themselves unable or unwilling to pay their indebtedness and now many farms, including some of the very best of them, with big clearances and first class buildings, are advertised to be sold for the taxes or the Federal Loan on them and now some of the best farms in these districts can be bought for only a small fraction of their real value. While this condition lasts, it will be practically impossible to sell cut-over lands.

This condition is just one of a cycle of the temporary changeable features

which are continually developing, but I am prone to believe that they are permanent and I firmly believe that even allowing for the poor markets, that any healthy contented family who will work as many hours and as steady on these farm lands as they have to do in the automobile shops, will make more money and be much further ahead than following up the auto shops.

MINERALS

"Probabilities of other valuable minerals on Company lands besides Iron Ore".

There are areas on and adjacent to lands owned by The Cleveland-Cliffs Iron Company lying especially between Marquette and L'Anse that unquestionably have on them lenses, veins and pockets of minerals other than iron ore such as gold, silver, lead, copper ore, asbestos, stone, gravel, etc., that has been and is now practically unnoticed.

But, ere long, it is likely that people familiar with these kinds of minerals will come into this region and with careful search and proper development and up-to-date mining methods and machinery will surprise the world by proving that this region is just as rich as these mineral districts we hear so much about in Canada and with care and proper development will prove just as attractive and valuable.

Everyone knows that The Cleveland-Cliffs Iron Company is the pioneer company of this region. They were the first to come here, not over paved roads and in automobiles, but with compass and axe in their hands and heavy packs strapped on their backs. They blazed the trails, cut out and built the roads, found the iron ore and developed the mines and made this district as it is today, the garden spot of the world.

It is only just and right that The Cleveland-Cliffs Iron Company, after doing so much for the development of this region, should have the first chance to acquire and again develop any new or additional minerals found on or immediately adjacent to their lands.

It requires time and thought to figure out the proper way to proceed on a project of this kind, but roughly the first thing to do would be to examine all records in the Company's Land and Mining Offices and learn from these records the locations of the various kinds of minerals found so far. Then have trustworthy and capable cruisers go to these places and locate the reported finds accurately. After this is done, then have

locations of all of the various kinds of minerals found marked carefully on maps and have a separate map for each kind of mineral and give at the bottom of the map the kind of mineral, also the width, dip and strike of same.

This map would then show the direction or trend of the mineral formation and in this way would aid in their continuance or in finding others and would also show if any of these finds were close to lands not owned by the Company that they should acquire, etc.

I also believe it would pay the Company well if they would keep one of their Diamond Drills continuously at work drilling and exploring on the most attractive and most favorably located of those good speculative mineral lands.

INSECT PESTS

A few years ago you called my attention to a report sent you by the Wisconsin Foresters, stating that much of the Hemlock timber in their districts is being injured and killed from the effects of these insects.

Am pleased to say that so far we see no signs of these insects and see no Hemlock injured or killed by them. The Hemlock we see dying or dead is from usual and natural causes and also considerable by the porcupine biting of the tenderest boughs for food.

KNOCKED OUT

I have been, as you know, partially and at times wholly knocked out during the past six months.

On September 4th, at your suggestion and help I went to the Ishpeming Hospital where Dr. McIntyre performed a blood transfusion operation and since then, with the continuous fatherly advice and care of Dr. McIntyre, I am getting stronger right along and the doctor says when summer and warm weather comes I'll be 100% O.K. again. I have always had a dread of hospitals, so much so, that I didn't care to go near them on the streets.

But while at the Ishpeming Hospital, with the friendly care and advice of that princely fellow, Dr. McIntyre, also Miss Parrish, all the nurses and doctors, and Mr. Moulton, they told me I could have anything in the place and if they did not have it

they would send out and get it for me. They could not be any kinder if I owned the Hospital.

I know these kindnesses came to me through the friendliness and good wishes of Mr. Mather, the company, and you.

I more than appreciate those many kindnesses and wish to say that every one of you and the Company, no matter where you are, can bank in having an everlasting loyal friend in me.

SL:MD-3.
2/5/30.

REPORT OF MR. A. J. ERICKSON
FOR YEAR 1929

THE CLEVELAND-CLIFFS IRON COMPANY

SALES OF LAND AND TIMBER

The sales by districts during the year were as follows:

District	No. of Sales	Acreage	Total Am't. of Sales	Timber Value	Land Value	Avg. Price Per Acre, Land Only
Rumely-Chatham	3	101.16	\$ 1,020.00	\$ 182.60	\$ 837.40	8.28
Trenary	3	600.00	7,280.00	6,820.00	460.00	5.75 (1)
Brimley	2	120.00	425.00	385.00	40.00	1.00 (1)
Negaunee	1	40.00	395.00	225.00	170.00	4.25
Havela & Asiala	1	1,640.00	35,000.00	35,000.00		
Blizel & Blank	1	960.00	62,000.00	62,000.00		
U.S. of America	1	20,549.67	30,824.50	6,347.48	24,477.02	1.19
Wm. Bonifas Lbr. Co.	1	16,730.94	225,000.00	225,000.00		
State of Michigan	1	61.03	8,300.00	589.00	7,711.00	126.35
Minnesota	1	40.00	340.00	140.00	200.00	5.00
Miscellaneous	19	2,354.65	39,570.50	34,658.83	4,911.67	2.89 (1)
TOTAL	34	43,197.45	410,155.00	371,347.91	38,807.09	1.72 (1)

(1) Based only on sales which included land.

AGRICULTURAL LANDS

The demand for land for agricultural purposes continues very light. There are no new settlers coming into the district and the only sales made are to established farmers who are adding some acreage to their holdings principally for pasture purposes. Nine sales were made during the year, comprising 310.22 acres, which we know were acquired for farming purposes, three of these sales were in the Rumely-Chatham District, two near Trenary, one at Negaunee, one at Shingleton, one near Rock River on the D.S.S. & A. Ry. and the other in Aitkin County, Minn. The prices secured for the land only ranged from \$5.00 to \$10.00 per acre and a sale of a small parcel near Rumely brought \$15.00 per acre. In addition to the above prices, a charge was made for any stumpage on the land.

LAND AND TIMBER SALES

The principal sales during the year were as follows: 20,549.67 acres to the U.S. Government, within the limits of the Mackinac National Forest, at \$1.50 per acre; Sec. 33-45-24 to the Rock River Co-operative Company for \$2800.00; the so-called Graetz Tax Title Lands, comprising 120.00 acres in Sec. 36-45-23 were

deeded to the I. Stephenson Company, Trustees, for \$3,609.00,- we were successful in getting the title to these lands in such shape that it was acceptable to the Stephenson people. The balance of the sales were made up of small scattering groups or individual forties or eighties which carry more or less timber.

TIMBER SALES

The sales of timber were as follows: The Spruce Group in 46-19, comprising 640 acres, to Havela and Asiala for \$35,000.00; 960 acres in Secs. 10 and 14, 46-17 to Blizel & Blank for \$62,000.00; 343.40 acres in Sec. 36-46-29 to S. C. Rosebush for \$425.00,- this timber consisted principally of Jack Pine and small pulpwood; the NE $\frac{1}{4}$ of SW $\frac{1}{4}$, Sec. 22-46-23, to Wiseman and Ruusuvaara for \$3,000.00; part of Group 1, comprising 16,730.94 acres in Town 46-11, 12 and 13, to the William Bonifas Lumber Company for \$225,000.00; 80 acres northeast of Newberry to the Newberry Lumber & Chemical Company for \$4,000.00; 120 acres to Erickson & Bissell in Sec. 2-46-23 for \$7800.00; the lands in Sec. 8 and 9, 44-21, comprising 520 acres, to Larson Bros. for \$6500.00; 2 forties in Sec. 19 and 30, 45-17 to Oscar Anderson for \$2,150.00, and the N $\frac{1}{2}$ of SW $\frac{1}{4}$, Sec. 25-45-5 to Jay Bailey for \$300.00; total sales of timber amounted to \$346,175.00.

MISCELLANEOUS PARCELS

Three forties in Sec. 4-49-27 were sold to the County of Marquette for \$4,000.00 and in this same sale was included 40 acres in Sec. 8-48-26, controlled by the Mining Department, for \$800.00. This was acquired by the County in connection with its program of roadside and park development. For the same purpose, we sold to the State of Michigan 100 ft. strips of land adjoining the present highway across some of our holdings in 46-23 for \$4500.00. The County of Marquette has taken over the so-called Little Lake-Carlshend road and in this connection we sold them a right of way across our lands for \$2500.00.

A new concrete highway, running west from Munising from the Company's sawmill site, was constructed by the State during the year and the land acquired by the State from this Company in this connection was sold to it for \$8300.00,- this included strips for right of way purposes and all of entire fractional Sec. 26-47-19.

LAKE FRONTAGE SALES

The only sale under this classification was the NE $\frac{1}{4}$ of Sec. 1-44-26, comprising 162.91 acres, sold to Russell J. Jeffery et al for \$1200.00. This land has some frontage on two small lakes. These lakes, however, are so small and of such a character that they are not attractive for cottage sites. The forest growth on the surrounding lands is mostly second growth poplar and this land would be best adapted for beaver farming. These men, however, own some of the adjoining lands and desired to add to their property which they are using for hunting purposes.

LAND AND TIMBER NEGOTIATIONS

GROUP NO. 1 LANDS

The group of lands which were at one time under consideration by the Hammermill Paper Company, was submitted during the year to the Newago Timber Company, but so far there has been no further developments in the negotiations which would indicate whether or not they are definitely interested in considering this timber. An effort was also made to interest the William Bonifas Lumber Company in the Hammermill Group, but they were interested only in that portion of this group located in Towns 46-11, 12 and 13 and a sale of these holdings, comprising 16,730.94 acres, mentioned above, resulted.

RANGE 23 AND 24 LANDS

As reported last year, the bulk of our holdings in this district comprise a solid group. This group was offered during the year to Thomas Connors, also to John Long, of Cloquet, Minnesota, and others. We also

offered Mr. Connors to sell a portion of this group, comprising the lands located in Secs. 3, 4 and 5, but were not successful in negotiating a sale. We did dispose of Sec. 33-45-24 to the Rock Co-operative Company and 80 acres in Sec. 22-45-24 to Green and Lund. A number of inquiries were received during the year on the small scattering groups in this district which have been partly operated, but no sales developed. It is only a question of time when these lands will be sold as the district is very actively operated each year with the result that the available timber outside of the Company's holdings is very small.

BRUNSWICK LUMBER COMPANY

Late in the fall, Mr. J.A. Defaut, one of the officers of the Brunswick Lumber Company, located at Chicago, expressed a desire to Mr. Bush to discuss further the matter of our lands located in the district tributary to Big Bay and said he expected to come to Negaunee shortly to do this. However, up to the present writing, nothing further has developed. In July we offered these people our lands in Sec. 17, 18, 19 and 20, 51-27 and Secs. 13, 24, 25 and 26, 51-28, comprising 2172.02 acres, for \$42.50 per acre, but nothing further was heard from them.

SPRUCE GROUP

As above reported, these lands were sold during the year to Havela & Asiala for \$35,000.00 and they are now busy taking the timber off, having a contract to deliver some 4,000 cords of Spruce Pulp to The Munising Paper Company during the winter of 1929-30.

MACKINAC NATIONAL FOREST

The sale of 20,549.67 acres was completed during the year. On August 1, 1929, we submitted a proposal to the Government, covering an additional 730.04 acres in 46-20. These lands, however, are located outside of the limits of the forest and on that account we were advised by Mr. Wm. L. Barker, Jr., Forest Officer in Charge, at Munising, that it would not be possible to consider these lands until action had been taken to extend the limits of the forest. This matter of extending the limits was to come up in a December meeting but have had no further report on this matter.

MISCELLANEOUS

The usual large number of inquiries for small groups and individual forties and eighties were received during the year. These inquiries are for lands that carry more or less timber and which are within a short distance of railroads. The increasing use of trucks in both summer and winter logging will gradually make possible the sale of small groups of lands which are more remote from the railroads.

LAKE AND RIVER FRONTAGE

Very little work on the special survey of our holdings of this character was done during the year. Considerable interest and demand exists for lake and river frontage property and as soon as we are in a position to dispose of these holdings, we believe a ready market will be found.

LOT SALES

The only sales of town lots during the year were Lots 12 and 13, Block 1, Chatham, sold to Isaac Tunteri for \$200.00 and Lot 73 of the Burt & Ely Addition, Marquette, to Randall Black and wife for \$110.00.

CLIFFLAND FARM

The Koskela's reported good crops of hay and oats but the potatoes and apples turned out poor. The potato crop all through the district was below normal both in quantity and quality. These people continue to do good work on the farm and increased their herd of cattle, expecting to winter 36 or 37 head. The apple orchard was pruned during the year, which they claim cost them about \$100.00. A new composition roof was put on the barn and the superintendent's house at a cost of \$780.00; they paid \$58.00 cash and the balance is payable at the rate of \$40.00 per month. These people are confident that although they are somewhat in arrears on their contract, they expect eventually to work it out satisfactory. The total credits to the contract during the year amounted to \$864.81. These were made up principally of deductions from the sales of milk and cream to Hotel Williams and sales of hay and grain to this Department and the Lumbering Department. Following

is the amount which was past due on this contract as of Dec. 31, 1929:

Payment on Principal due Dec. 1, 1928	\$500.00
Payment on Principal due Dec. 1, 1929	500.00
Interest on Principal to Dec. 1, 1929	1,950.28
1929 Taxes	<u>479.53</u>
	3,429.81

BEACH INN

Mr. Heckathorn made nine payments of \$250.00 each during the year. On Dec. 31, 1929, he was in arrears seven monthly payments of \$250.00 each. He is keeping up the property in very good shape and during the year painted the outside of the building two coats and also redecorated the assembly and dining rooms. It was necessary to make some repairs to the heating boiler and this expense cost him in the neighborhood of \$400.00.

NEW LEASES

During the year we issued three residence leases, - two covering lots in the Barnum Addition and one lot in the Lake Angeline Location, at a total rental of \$36.00 per year. The leases covering the two lots in the Barnum Addition provide also for the payment of the taxes by the lessees. Sixteen new camping leases, at an annual rental of \$49.00 per year, were granted; three of these provide for payment of taxes by the lessees in addition to the rental. Three new garden leases were issued for a rental of \$8.00 per year; one lease for right of way for transmission line at \$1.00 per year; one lease covering a logging camp site for a rental of \$25.00 per year and taxes; one lease for a camp and gasoline pump for a rental of \$10.00 per year and taxes. We also issued three leases to the State of Michigan, one for telephone line right of way, one for a fire line and one covering a fire tower site; the rental in each case is nominal. During the year we also arranged with the Delft Theatres, Incorporated, at Munising, for new leases covering billboard sites, the rental being increased from \$9.00 per year to \$80.00 per year. The total annual rental on these leases is \$201.00 and the taxes for the year 1929, which will be paid by the lessees in addition to rental, amounts to \$72.50.

In addition to the new leases, above mentioned, a large number of renewals were issued on leases which expired during the year.

LAND RENTALS

The earnings from leases covering unplatted parcels amounted to \$8,002.36 as compared with 1928 earnings for \$8,444.75, or a decrease of \$442.39. This decrease is due principally to cancellations and the transfer of a number of leases to The Cliffs Power & Light Company. The earnings from leases covering platted lots amounted to \$12,419.59 or an increase of \$152.66 over the previous year. Each year a large number of farm and garden leases are being surrendered. There seems to be a growing tendency among the miners and others who have had garden parcels in the years past, to get away from this activity.

ROYALTIES:

The royalties received from the Advance Industrial Supply Company covering rock used at its Pine Hill Quarry for the year amounted to \$1,545.76. This represents an increase of \$24.65 over the previous year. For the past two years, the operations of this plant have been considerably curtailed.

LAND PRODUCTS SALES

The revenue from this source amounted to \$698.82 and represents the sales of rock to the Negaunee and Ishpeming Municipal Crushing Plants and miscellaneous sales of gravel.

RENTED BUILDINGS

Several dwellings were vacant more or less during the year and House #114 was vacant the entire year. House #125 was sold during the year. The earnings from the rented buildings amount to \$7,508.69 and represents an increase of \$760.60 over the previous year, due principally to the fact that we received the full rental for the entire year on the Manufacturers' Hotel. The operating cost is \$9,210.65, showing a loss of approximately \$1,700.00. This operating cost is only approximate as we have not the final figures from the Cleveland Office. The so-called Burtis House at Munising and also the sawmill houses were repaired and the exterior painted, and

we also redecorated the entire interior of the Manufacturers' Hotel. The expense on these houses at Munising amounted to \$1,798.62. The repairs to the houses at Negaunee consisted principally of interior decorating and some necessary roof work. House #120 was given some necessary repairs to the roof and siding and a toilet was installed.

COLLECTIONS

Collections of the various rental and sale accounts were about normal. The attached statements show the condition of the various land contract accounts. We are also attaching statements showing the payments made on the Blizel & Blank and the Havela & Asiala Timber Contracts.

SURRENDERED AND CANCELLED CONTRACTS

Three Land Contracts were surrendered during the year, two of them covering lands in the Chatham-Trenary District and one covering 50 acres in the Ishpeming District. These lands are all well located and as soon as there is a revival of the demand for agricultural lands, we expect they will be sold again.

Norman Osland and wife, who purchased Lot 56 and $E\frac{1}{2}$ of Lot 55, Island View Addition, Munising, in 1926, and lumber from the sawmill with which to put up a dwelling on these lots, surrendered their property during the year. Mr. Osland was injured in an automobile accident about two years ago and has never fully recovered therefrom. During the time that he was unable to work, they got behind so far financially that they could not see their way clear to keep the property and make the payments. We have several prospects for the purchase of this property and expect to be able to dispose of it in 1930.

MANUFACTURERS' HOTEL

Owing to the extensive road work by the State in the vicinity of Munising and also the construction work at the Paper Mill during the year, the patronage at this hotel was very good, with the result that we were able to collect the full rental of \$85.00 per month for the entire year. As previously mentioned, the entire interior of the building was redecorated, in addition to which we also made some necessary roof repairs.

BELLEVUE AND CLIFFS FARMS

The Bellevue Farm was rented again for the year for \$300.00. The lease, however, was transferred from Herman Pottala to John Orquist and Jalmer Saari. The Cliffs Farm was not rented during the year. The cleared areas, comprising this farm, are run down and it is doubtful if it will be possible to again lease them. The fences are all down and the land being so remote from town, it is not attractive for farming.

LOCATION IMPROVEMENTS AND GARBAGE COLLECTION

No new improvement work was done by the Company in any of its leased lot locations in the City of Ishpeming nor did the city do any work on the streets in them. The cost of the cleaning and garbage collection for the year amounted to \$62.24.

UNSETTLED MATTERS

This has particular reference to the so-called "Isaac Rosenwald Title" which affects a large acreage of the Company's holdings. We have been endeavoring for several years to get Mr. William C. Weber, from whom we purchased most of these lands, to probate the Estate of Isaac Rosenwald in the State of Michigan. We were finally successful during the year in getting this matter started and Messrs. Berg & Clancey were employed by Mr. Weber to have this Estate probated in Marquette County. This matter is taking the usual course and we expect will be completed in 1930.

BUNKER HILL MINING COMPANYRENTED BUILDINGS

The earnings from the rented buildings for the year amounted to \$568.80, the same as for the year 1928. The total operating expense is \$176.61, showing a net profit of approximately \$392.19. The only maintenance expense on these houses during the year consisted of some interior decorating and roof repairs. The above figures as to the operating cost is only approximate as we have not, as yet, received the actual figures from the Cleveland Office.

LAND RENTALS

These amounted to \$707.00, an increase of \$10.00 over 1928. One new garage lease at \$10.00 per year was issued.

COLLECTIONS

The collections were good during the year and on December 31 we had only one unpaid land rental account of \$18.00 and the 1929 taxes, amounting to \$132.20, due from the Consolidated Fuel & Lumber Company on its lease. These taxes will be paid in January. There was an uncollected balance of \$19.00 on house rentals at the end of this year and this will be taken care of in January, 1930.

UNSETTLED MATTERS

This pertains to the C. & N.W. Railroad Company's right of way across the property of this Company. This has been fully covered in previous reports and action is delayed pending Mr. Mather's decision as to what course shall be pursued.

AMERICAN IRON MINING COMPANYLAND AND TIMBER ACCOUNTS

There were no sales of land and timber during the year. All the contracts have been paid up.

COLLECTIONS

The only items collected were \$18.45 from the Piqua Handle & Manufacturing Company for 1928 taxes on lands covered by its Timber Permit and \$12.57 from Matt Lepisto covering the 1928 taxes on the SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Sec. 2-47-31 on which he held a permit from the Piqua Company to cut fuel wood.

TIMBER PERMIT

The Timber Permit to the Piqua Handle & Manufacturing Company will expire on July 1, 1930. All lands have been released except the SW $\frac{1}{4}$ of NW $\frac{1}{4}$ and NW $\frac{1}{4}$ of SW $\frac{1}{4}$, Sec. 2-47-31.

THE CLIFFS POWER & LIGHT COMPANY

During the early part of the year, Mr. S. R. Elliott requested that the Land Department take over the supervision of The Cliffs Power & Light Company's lands and look after trespasses, issue leases and look after the collection of the rentals. Mr. Mather, in April, 1929, authorized us to do this. The Cliffs Power & Light Company are to pay the Land Department \$200.00 per year for these services.

LAND RENTALS:

The earnings from land rentals for the year amounted to \$180.50, in addition to which the lessees are also to pay \$28.90 taxes for the year 1929.

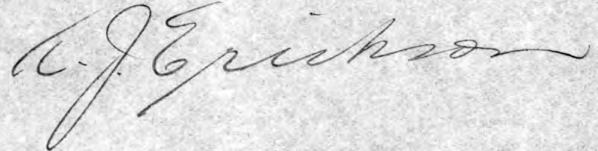
REAL ESTATE AND TIMBER LAND SALES:

During the year we issued an easement to the Michigan Bell Telephone Company for a telephone line across some of the lands of this Company in 48-25, for which a nominal consideration of \$1.00 was collected.

COLLECTIONS:

At the end of the year there was an uncollected balance of \$56.68 on land rentals and these, we expect will be taken care of early in 1930.

Respectfully submitted,



AJE:EN

THE CLEVELAND-CLIFFS IRON COMPANY
Land Department
NEGAUNEE, MICHIGAN.

STATEMENT OF ACCOUNT

A. W. HAVELA & JOHN J. ASIALA

TIMBER PERMIT
 1640.00 ACRES IN 46-18

PRINCIPAL \$35,000.00 - INTEREST @ 6%
 TERMS: \$15,000.00 CASH - BALANCE ON OR BEFORE JULY 1, 1930.

March 27, 1929	Sale Price	\$35,000.00	
Dec. 31, 1929	Taxes 1929	384.38	
March 27, 1929	By Cash		\$5,000.00
May 9, 1929	" "		10,000.00
Sept. 16, 1929	" " Munising Paper Co.		541.55
Oct. 15, 1929	" " do.		855.60
Nov. 16, 1929	" " "		566.35
Dec. 16, 1929	" " "		79.10
Dec. 31, 1929	Dec. Shipments to Munising Paper Co. not yet paid		6,989.20
	Balance Due		11,352.58 *

35,384.38 35,384.38

* Plus interest on unpaid principal from time to time

AJE: EN-5
 1/27/30

THE CLEVELAND-CLIFFS IRON COMPANY
Land Department
NEGAUNEE, MICHIGAN

STATEMENT SHOWING SHIPMENTS MADE BY JOHN BLIZEL & FRED BLANK UNDER THEIR TIMBER PERMIT, CONV. NO. 4577, PAYMENTS MADE AND CREDITS TO BE RECEIVED, DEC. 31, 1929.

<u>SHIPMENTS TO</u>	<u>PAYMENT RECEIVED</u>	<u>WHEN SHIPPED</u>	<u>QUANTITY</u>	<u>AMOUNT</u>
			<u>FEET</u>	<u>AMOUNT</u>
Grand Rapids Trust Co., Newberry, Mich.	Logs	Aug. & Sept.	111,214	\$2,234.97
Piqua Handle & Mfg. Co., Marquette, Mich.	Logs	Aug. & Sept.	29,720	564.68
Newberry Lbr. & Chemical Co. Newberry, Mich.	Logs	Aug. & Sept.	201,074	3,190.59
Munising Woodenware Co. Munising, Mich.	Logs	June, July Aug. & Sept.	416,126	11,085.76
Webster Lumber Co. Manistique, Mich.	Hdwd. Ties 10,376 pcs.	Aug. & Sept.	341,709	6,746.27
Jackson & Tindle, Inc. Munising, Mich.	Logs	Sept.	78,275	646.80
Total Payment Received Logs & Ties				24,469.07
C.C.I.Co. Lbr. Dept. Marquette, Mich.	Hdwd. Slabs	July, Aug., Sept., Oct. & Nov.	<u>CORDS</u> 547.00	2,324.76
GRAND TOTAL PAYMENTS RECEIVED				26,793.83
<u>PRODUCTS DELIVERED BUT PAYMENT NOT RECEIVED</u>			<u>FEET</u>	
Webster Lumber Co., Manistique, Mich.	Hdwd. Ties 2,170 pcs.	October	68,249	1,350.65
	" " 1,433 "	November	42,990	482.33
	Total		111,239	1,832.98
C.C.I.Co., Lbr. Dept. Marquette, Mich.	Furnace Logs	December	146,436 (1)	80.54
J. Sheppard Parrish Co., Hulbert, Mich.	Logs	Jan. 1930	6,450 (2)	193.50
Brunswick Lumber Co., Big Bay, Mich.	Logs	Dec. 1929	366,480	6,962.39
grand total				9,069.41
(1) Paid 1/9/30	GRAND TOTAL CREDITS			35,863.24
(2) Paid 1/16/30				
Total Sale Price				\$62,000.00
Less Credits:				
Down Payment		\$5,000.00		
Shipments on above Paid		26,793.83	31,793.83	
Balance due on Principal				30,206.17
Interest to Nov. 1, 1929				1,561.39
1929 Taxes				1,109.71
Total Due				32,877.27
Shipments Not Yet Paid				9,069.41

WGL:EN-5
1/27/30

THE CLEVELAND-CLIFFS IRON COMPANY

Land Department

REAL ESTATE SALES RECEIVABLE - DECEMBER 31, 1929

CONV. NO.	PURCHASER	DATE OF SALE	CONSIDERATION	TERMS	DATE OF LAST PAYM'T	BALANCE DUE			INTEREST PAID TO	REMARKS
						PRINCIPAL	TAXES	TOTAL		
3186	Victor Erickson & Isaac Leppanen	Feb. 3, 1928	\$ 360.00	\$100.00 cash - Balance in 3 years	Mar. 4, 1924	\$ 170.00	\$ 82.57	\$ 252.57 Taxes 1924-1929	2/8/24	(Have been endeavoring to make collection for several years. Land not used. Their own farms heavily mortgaged. Will probably have to cancel.)
3329	Henry Peltola	Nov. 6, 1917	500.00	\$100.00 cash - Balance in 5 years	Nov. 19, 1918	150.00	144.43	294.43 Taxes 1918-1929	11/16/18	(Have tried every means to make collection. Impossible to talk to this man. Will not reply to letters. Have made offer to allow him to surrender.)
3755	Fayette Land Company	July 1, 1921	6,500.00	\$1500.00 cash - Balance in 5 years	Apr. 29, 1929	3,000.00	255.25	3,255.25 Taxes 1929	4/ 1/29	(Has promised to pay interest & taxes to Jan. 1, 1929 at once. They are endeavoring to place mortgage on property to pay up the contract.)
3790	Clifford LeClair	Aug. 13, 1921	125.00	\$25.00 cash - Balance in 2 years	Aug. 30, 1929	29.17		29.17	5/ 1/29	(Making small payments from time to time. Expect to clean up this acct. in 1930.)
3825	Henry Hoibo	Oct. 5, 1921	350.00	\$50.00 cash - Balance in 5 years	Oct. 9, 1924	180.00	62.35	242.35 Taxes 1924-1929	10/ 5/24	(World War Veteran - Unmarried - Left Maple Ridge several years ago and so far have been unable to locate him.)
3963	Charles Uren	Sept. 6, 1922	550.00	\$300.00 cash - Balance in 5 years	Jan. 2, 1929	100.00	8.52	108.52 Taxes 1929	About 4/1/28	(After several years without any payments, finally received \$50.00 last January and expect we will be able to get final payment in 1930.)
4038	Richard Taipale	May 16, 1923	420.00	\$120.00 cash - Balance in 5 years	Sept. 11, 1923	300.00	128.03	428.03 Taxes 1923-1929	9/16/23	(This man left Bumsay several years ago. After continued effort we have just located him at Bamsay, Mich. and have offered him a release of contract.)
4049	Peter G. Peterson	June 9, 1923	680.00	\$220.00 cash - Balance in 5 years	June 30, 1926	276.00	53.64	329.64 Taxes 1926-1929	6/ 9/26	(Single man left his home at National Mine several years ago and his relatives have not heard from him. We are endeavoring to locate him.)
4054	Chas. A. Little	Aug. 10, 1923	380.00	\$80.00 cash - Balance in 5 years	Jan. 28, 1926	240.00	52.71	292.71 Taxes 1926-1929	About 6/1/28	(Chairman of Alger County Board of Supervisors. Has promised several times to take care of this. Are keeping after him.)
4143	Elmer Alcock	May 24, 1924	280.00	\$50.00 cash - Balance in 5 years	Apr. 16, 1928	140.69	37.97	178.66 Taxes 1927-1928	12/24/29	(Has promised to make payments very shortly and pay up in full during 1930. Taxes and interest paid in January, 1930.)
4248	Murrell Moore	Aug. 22, 1925	350.00	\$90.00 cash - Balance in 4 years	Aug. 22, 1925	270.00	79.63	349.63 Taxes 1925-1929	None Paid	(Both of the parties who held this contract before Moore, have died. He has promised to do something on this contract very shortly.)
4256	Frank Laroux	Sep. 5, 1925	350.00	\$90.00 cash - Balance in 5 years	Oct. 1, 1929	106.99	16.92	123.91 Taxes 1929	9/15/29	(Making payments from \$10.00 to \$25.00 from time to time. Expect to have this paid up by the expiration of the contract.)
4265	Emil Erickson	Sep. 26, 1925	540.00	\$400.00 cash - Balance in 2 years	Sep. 26, 1925	140.00	77.48	217.48 Taxes 1925-1929	None Paid	(Single man. He and his father have promised at various times to pay up the balance. Land adjoining their farm and they want to keep it.)
4324	John Laino	Apr. 13, 1926	420.00	\$220.00 cash - Balance in 5 years	Mar. 18, 1929	80.00	20.35	100.35 Taxes 1929	3/13/29	Up to Date.
4336	Sam Hakala	June 1, 1926	380.00	\$90.00 cash - Balance in 5 years	June 3, 1929	116.00	14.71	130.71 Taxes 1929	6/ 1/29	Up to Date
4340	Emil Savonen	June 14, 1926	280.00	\$70.00 cash - Balance in 5 years	June 20, 1929	84.00	4.30	88.30 Taxes 1929	6/14/29	Up to Date
4372	Frank Ross, Jr.	Nov. 24, 1926	300.00	\$50.00 cash - Balance in 5 years	Feb. 11, 1929	150.00	14.71	164.71 Taxes 1929	11/24/28	(In arrears on payment due Nov. 24, 1929. Expect this will be taken care of.)
4381	Gerrie Ellis	Feb. 5, 1927	350.00	\$50.00 cash - Balance in 5 years	Apr. 9, 1929	240.00	9.12	249.12 Taxes 1929	2/ 1/29	In arrears on 3rd payment which became due Feb. 5, 1929. Are keeping after him.
4385	Donald V. Richards	Mar. 10, 1927	300.00	\$50.00 cash - Balance in 5 years	Nov. 29, 1929	144.00		144.00	9/10/29	Up to Date
4389	Geo. E. Austin	Mar. 24, 1927	160.00	\$40.00 cash - Balance in 3 years	Sep. 26, 1929	40.00	6.50	46.50 Taxes 1929	9/24/29	Up to Date
4391	Jacob Hakola	Apr. 1, 1927	400.00	\$75.00 cash - Balance in 5 years	Apr. 2, 1929	195.00	14.71	209.71 Taxes 1929	4/ 1/29	Up to Date
4396	Sam Keskinen	Apr. 12, 1927	420.00	\$80.00 cash - Balance in 5 years	Apr. 5, 1929	204.00	14.71	218.71 Taxes 1929	4/12/29	Up to Date
4398	Nikolai Hautimaki	Apr. 28, 1927	300.00	\$50.00 cash, \$50.00 4/28/28 - Bal. 2 yrs.	Apr. 20, 1929	100.00	14.71	114.71 Taxes 1929	4/28/29	Up to Date
4399	Adi Pylvanainen	Apr. 29, 1927	554.43	\$154.43 cash - Balance in 5 years	Oct. 24, 1929	240.00	12.15	252.15 Taxes 1929	10/23/29	Up to Date
4400	Mitchell St. Martin	Apr. 29, 1927	600.00	\$100.00 cash - Balance in 5 years	May 13, 1929	300.00	5.92	305.92 Taxes 1929	4/29/29	Up to Date
4401	Gottfried Johnson	May 2, 1927	240.00	\$40.00 cash - Balance in 5 years	Apr. 29, 1929	120.00	14.71	134.71 Taxes 1929	5/ 2/29	Up to Date
4419	John. H. Saminen	July 5, 1927	400.00	\$150.00 cash - \$100.00 1/5/28 - Balance in 5 years	Mar. 12, 1929	120.00	18.39	138.39 Taxes 1929	3/5 /28/	(4th payment - \$30.00 and interest due July 5, 1929 unpaid - Daughter sick for sometime (died recently). Expect this will be paid in 1930.)

REAL ESTATE SALES RECEIVABLE - DECEMBER 31, 1929

#2

CONV. NO.	PURCHASER	DATE OF SALE	CONSIDERATION	TERMS	DATE OF LAST PAYMT	BALANCE DUE			INTEREST PAID TO	REMARKS
						PRINCIPAL	TAXES	TOTAL		
4423	Clark L. Heckathorn & Wife	Aug. 1, 1927	\$ 22,500.00	\$2,500.00 cash - Balance \$250.00 per month	Dec. 18, 1929	\$18,859.46		\$18,859.46	About 11/20/29	Seven monthly payments in arrears. This contract covers Beach Inn property.
4429	Richard Harcourt	Aug. 18, 1927	1,000.00	\$200.00 cash - Balance in 4 years	Jan. 17, 1929	600.00	4.74	604.74 Taxes 1929	8/18/28	(Payment due Aug. 18, 1929 unpaid - Harcourt died May 14, 1929. We are endeavoring to have one of his heirs take over this contract.
4487	Alex Saari	Jan. 6, 1928	360.00	\$220.00 cash - Balance in 4 years	Mar. 5, 1928	140.00	12.92	152.92 Taxes 1928-1929	None Paid	2nd payment \$35.00 and interest past due.
4489	Vaino Kiviniemi	Jan. 2, 1928	340.00	\$6.00 cash - \$5.00 to \$10.00 per month	Dec. 3, 1929	319.00	22.04	341.04 Taxes 1929	None Paid	This contract considerably in arrears. He made a payment of \$22.34 12/3/29 covering taxes 1928 and interest thereon and promised to send us further payments.
4499	Leonard Johnson	June 2, 1928	1,500.00	\$500.00 cash - Balance in 4 years	July 12, 1929	625.39	27.73	653.12 Taxes 1929	6/2/29	Bal. of \$25.39 due on June 2, 1929 payment - Thos. Connors purchasing his forest products and guaranteed payment of \$400.00 on this contract.
4501	August Lehtinen	June 7, 1928	280.00	\$100.00 cash - Balance in 4 years	June 5, 1929	100.00	12.95	112.95 Taxes 1929	6/7/29	Up to Date.
4528	Wm. Benzing & Wife	Oct. 1, 1928	1,500.00	\$25.00 cash - Balance @ \$20.00 per month	Dec. 31, 1929	1,315.97	53.94	1,369.91 Bal. 1929 taxes	9/3/29	Working for Lbr.Dept. - Payroll deductions of \$20.00 per month being made.
4539	Nels Abramson	Nov. 24, 1928	400.00	\$100.00 cash - \$100.00 5/24/29 - Bal.in 4 yrs	Nov. 25, 1929	160.00	12.95	162.95 1929 taxes	5/1/29	Up to date
4562	Robert Johnson	Feb. 13, 1929	350.00	\$80.00 cash - Balance in 4 years	Feb. 15, 1929	270.00	20.20	290.20 1929 taxes	None paid	Up to date
4563	Jack Salminen	Feb. 14, 1929	320.00	\$30.00 cash, \$120.00 Mar. 4, 29 - Bal.in 4 yrs	Mar. 4, 1929	170.00	23.58	193.58 1929 Taxes	None Paid	Up to date
4584	Henry Craig	May 29, 1929	200.00	\$50.00 Cash - Balance in 3 years	May 29, 1929	150.00	8.50	156.50 1929 Taxes	None Paid	Up to date
4609	Joe. Shegar	Sept. 3, 1929	280.00	\$56.00 Cash - Balance in 5 years	Sept. 3, 1929	224.00	1.86	225.86 1929 Taxes	None Paid	Up to date
4618	Sam Maki	Oct. 4, 1929	350.00	\$150.00 cash - Balance in 4 years	Oct. 5, 1929	200.00	5.52	205.52 1929 Taxes	None Paid	Up to date
4619	Morris F. Hanson	Oct. 5, 1929	100.00	\$50.00 cash - Balance 1 year	Dec. 5, 1929	40.00	.65	40.65 1929 Taxes	None Paid	Up to date
4626	Stanley & Leona E. Warchock	Oct. 29, 1929	400.00	\$100.00 cash - Balance in 3 years	Oct. 29, 1929	300.00	2.58	302.58 1929 Taxes	None Paid	Up to date
4616-4632	State of Michigan	Nov. 4, 1929	4,300.00	Cash		4,300.00		4,300.00	None Paid	Holding deeds awaiting payment from State
4631-4633	do.	Nov. 4 & 5, 1929	4,000.00	Cash		4,000.00		4,000.00	None Paid	do.
4639	Russell J. Jeffery et al	Nov. 22, 1929	1,200.00	\$200.00 cash - Balance in 5 years	Nov. 22, 1929	1,000.00	1.40	1,001.40 1929 Taxes	None Paid	Up to date
4640	Mathew Lanaski	Nov. 22, 1929	340.00	\$180.00 cash - Balance in 4 years	Nov. 22, 1929	160.00		160.00	None Paid	Up to date
4641	Andrew Erickson	Nov. 29, 1929	500.00	\$300.00 cash - Balance in 4 years	Nov. 29, 1929	200.00	.58	200.58 1929 Taxes	None Paid	Up to date
WM. G. MATHER ACCOUNTS										
3597	Wm. Horner & Son	Apr. 2, 1920	55,000.00	Principal all paid				3,356.26	3,356.26 1929 Taxes	
3951	Frueman Alexander & E.H. Boyd	Aug. 14, 1922	2,500.00	Principal all paid				39.18	39.18 1928 Taxes	
4404	John Heino	May 10, 1927	320.00	\$65.00 cash - Balance in 5 years	May 10, 1928	255.00	33.02	288.02 Taxes 1928-1929	5/10/28	Promised to pay these taxes. These men have separated and are having some legal difficulties. Doubt if we will be able to collect this.
4405	Anselm Oja	May 10, 1927	300.00	\$60.00 cash - Balance in 5 years	May 10, 1927	240.00	42.80	282.80 Taxes 1927-1929	None Paid	He does not reply to any of our letters. Will have to look him up personally.
4610	State of Michigan	Sept. 5, 1929	450.00	Cash		450.00		450.00		He does not reply to any of our letters. Will have to look him up personally.
TOTAL						41,304.87	4,846.09	46,150.76		

THE CLEVELAND-CLIFFS IRON COMPANY

Land Department

TIMBER SALES RECEIVABLE - DECEMBER 31, 1929

DATE OF SALE	CONV. NO.	SOLD TO	TERMS	DATE OF LAST PAYMENT	SALE PRICE	BALANCE DUE			INTEREST PAID TO	REMARKS
						PRINCIPAL	TAXES	TOTAL		
Feb. 11, 1920	3582	Luce County Land & Lumber Company	Cash	1/24/29	\$9,000.00		58.39	58.39	Taxes of 1929	Principal paid in full - Paid 1929 taxes in Jan. 1930.
Apr. 20, 1920	3609	Albert Fochtman	\$5,000.00 cash, \$10,000.00 Oct. 15, 1920, Bal. Oct. 15, 1921	4/15/29	40,000.00		1025.49	1025.49	Taxes of 1929	Prin. & Int. on same paid in full
Sept. 21, 1925	4261	Isaac Jokela	Cash	2/21/29	2,300.00		13.01	13.01	Taxes of 1929	Principal paid in full
July 1, 1927	4417	Bay de Noquet Company	Cash	1/ 8/29	500.00		14.43	14.43	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Oct. 4, 1927	4446	C. E. Clement & Sons	\$1,500.00 cash, balance Oct. 1, 1929	11/15/29	8,000.00		173.23	173.23	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Oct. 15, 1927	4448	C. E. Clement & Sons	Cash	1/15/29	8,000.00		40.70	40.70	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Apr. 7, 1928	4481	Geo. J. Lusardi	Cash	1/ 9/29	550.00		27.55	27.55	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
May 28, 1928	4498	Wallace H. Masters	\$500.00 cash, balance in 3 years	8/29/29	2,500.00	\$ 1,333.34		1333.34		8/28/29
Aug. 24, 1928	4519	Brunswick Lumber Company	Cash	2/25/29	12,000.00		100.62	100.62	Taxes of 1929	Principal paid in full
Oct. 13, 1928	4526	Bay de Noquet Company	\$40,000.00 cash, balance 90 day note @ 5%	1/ 8/29	165,000.00		5959.81	5959.81	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Mar. 27, 1929	4570	A. W. Havela & John J. Asiala	\$15,000.00 cash, balance on July 1, 1930	12/31/29	35,000.00	10,968.20	384.38	11252.58	Taxes of 1929	None Paid Pd. taxes & \$6989.20 on prin. in Jan. 1930.
Apr. 20, 1929	4577	John H. Blizel & Fred Blank	\$5,000.00 cash, balance on Nov. 1, 1929	12/ 5/29	62,000.00	30,206.17	1109.71	\$1215.88	Taxes of 1929	None Paid Pd. \$274.04 on Principal in Jan. 1930.
June 11, 1929	4588	Solomon Wiseman & Abel Ruusuvaara	Cash	6/12/29	3,000.00		61.42	61.42	Taxes of 1929	Principal paid in full
July 11, 1929	4594	Wm. Bonifas Lumber Company	Cash	9/ 3/29	225,000.00		6966.98	6966.98	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930.
July 20, 1928	4396	Newberry Lumber & Chemical Co.	Cash	7/23/29	4,000.00		81.74	81.74	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Sept. 9, 1929	4514	Erickson & Bissell	\$2300.00 cash, \$2500 Sept. 9, 1930, \$2500. Sept. 9, 1931	12/25/29	7,800.00					Prin. & taxes paid in full - Int. to 12/28/29 (\$80.00) pd. in Jan. 1930.
Oct. 1, 1929	4617	Larson Brothers	Cash	10/ 1/29	6,500.00		437.57	437.57	Taxes of 1929	Principal paid in full - Paid 1929 taxes in Jan. 1930
Nov. 9, 1929	4624	Oscar Anderson	Cash	12/ 7/29	2,150.00		26.52	26.52	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
Dec. 17, 1929	4643	Jay Bailey	Cash	12/17/29	300.00		6.22	6.22	Taxes of 1929	" " " " - Paid 1929 taxes in Jan. 1930
				TOTAL		42,507.71	16487.83	58995.54		

LED:EN-5
1/16/30

THE CLEVELAND-CLIFFS IRON COMPANY
Land Department
FARM LAND SALES RECEIVABLE - DEC. 31, 1929.

CONY. NO.	PURCHASER	DATE OF SALE	CONSIDERATION	TERMS	DATE OF LAST PAYMENT	BALANCE DUE			REMARKS	INTEREST PAID TO	REMARKS
						PRINCIPAL	TAXES	TOTAL			
3748	C.P. Johnson	June 11, 1921	\$ 1,500.00	\$200.00 cash, balance in 5 yrs. Extended to June 11, 1929	Dec. 6, 1926	\$ 900.00	\$ 193.90	\$ 1,093.90	Taxes due for 1926-1929	10/ 1/26	He went to Phillipine Islands several years ago. Now located in California. Has not replied to our letters for some time.
3836	Issac Korpi	Oct. 13, 1921	\$ 360.00	\$80.00 cash, balance in 5 yrs.	July 26, 1923	112.00	77.73	189.73	Taxes due for 1923-1929	6/13/23	Poor man. Large family. Has promised various times to make payments. We are keeping after him but doubtful if collection can be made.
3945	Cheever Buckbee	July 15, 1922	\$ 550.00	\$150.00 cash, balance in 5 years.	Feb. 10, 1926	240.00	63.97	303.97	Taxes due for 1926-1929	2/15/26	Real Estate dealer at Escanaba. We are keeping after him to make payment or surrender his contract.
4233	Urho S. Tynnismaa	July 3, 1925	\$ 360.00	\$25.00 cash, \$35.00 Oct. 3, 1925, bal. in 5 years.	July 6, 1925	335.00	91.91	426.91	Taxes due for 1925-1929	None paid	Young man. Father advises he has left home and does not know his present whereabouts. Are keeping after him.
4290	Edward Bryant	Dec. 3, 1925	\$ 280.00	\$60.00 cash, balance in 5 years.	Dec. 3, 1925	220.00	37.15	257.15	Taxes due 1925-1929	None paid	Poor man. Large family. Moved to Cooks, Mich. Not using land. Does not reply to letters. Will have to call on him personally.
4388	John H. Koskela & Wife	April 1, 1927	\$15,000.00	See Contract	Nov. 20, 1929	15,000.00	479.53	15,479.53	Taxes 1929	About 4/24/27	This covers Rumely Farm Property. Credits being received each year from sales of milk and cream to Grand Island, also purchase of hay and oats by Co.
4428	Axel O. Anderson	Aug. 11, 1927	\$ 360.00	\$80.00 cash, balance in 5 years	Aug. 7, 1929	180.00	8.23	188.23	Taxes 1929	8/11/29	This contract is up to date.
4440	Joseph Hill	Sep. 10, 1927	\$ 1,265.00	\$65.00 cash, bal. @ \$15.00 or more per month	Dec. 21, 1929	955.96	61.45	1,007.41	Taxes 1929	About 4/ 1/28	Making payments regularly
4452	The Whorl Club	Nov. 1, 1927	\$ 800.00	\$200.00 cash, bal. in 3 years.	Nov. 8, 1929	200.00	79.39	279.39	Taxes 1929	11/ 1/29	Up to date
4481	Jno. A. Doelle	Jan. 23, 1928	\$ 200.00	\$50.00 cash, bal. in 3 years.	Jan. 19, 1929	100.00	13.56	113.56	Taxes 1929	1/23/29	Up to date
4482	Geo. W. Abbott	Jan. 28, 1928	\$ 400.00	\$100.00 cash, bal. in 3 years	Jan. 14, 1929	200.00	39.69	239.69	Taxes 1929	1/28/29	Up to date
4555	Thos. H. Fewlass	Feb. 7, 1929	\$ 200.00	\$50.00 cash, bal. in 3 years	Feb. 7, 1929	150.00		150.00		None paid	Up to date
4644	Chas. Surrell & Jos. P. Rahilly	Dec. 15, 1929	\$ 75.00	Cash		75.00		75.00			Paid on delivery of Deed in January, 1930.
TOTAL						18,567.96	1,136.53	\$19,804.47			

* - Credit of \$147.75 account may Koskela sold to Lumbering Dept. not included in this figure as we do not know if Cleveland has taken same up in December.

AJE:LED-EN

THE CLEVELAND-CLIFFS IRON COMPANY

Land Department

HOUSE AND LOT SALES RECEIVABLE - DECEMBER 31, 1929

DOCUMENT NO.	PURCHASER	DATE OF SALE	CONSIDERATION	TERMS	DATE OF LAST PAYM'T	BALANCE DUE		INT. PAID TO	REMARKS
						PRINCIPAL	TAXES TOTAL		
M.D. 474	E. W. Fisher	Oct. 1, 1920	\$ 3,262.16	125 notes of \$25.00 each & 1 note \$27.01 - payable monthly	Dec. 2, 1929	\$529.68	\$529.68	Dec. 1, 1929	Up to date
517	Gabriel Heidman	May 1, 1922	2,168.22	156 notes of \$20.00 each & 1 note \$10.64 - " "	Dec. 9, 1929	1,115.49	1,115.49	Dec. 1, 1929	Up to date
556	Henry Q. Olson	Dec. 1, 1922	833.77	36 notes of \$25.00 each & 1 note 14.23 - " "	Mar. 4, 1927	180.33	180.33	June 1, 1925	This man will not pay any attention to this account. It may be necessary to foreclose mortgage in order to effect settlement.
632	George Wilderspin	Nov. 1, 1924	1,581.55	75 notes of \$25.00 each & 1 note \$20.47 - " "	Dec. 8, 1929	365.60	365.60	Dec. 1, 1929	Up to date
635	Algot Mattson	Feb. 2, 1925	607.64	32 notes of \$20.00 each & 1 note \$20.55 - " "	Mar. 21, 1929	137.81	137.81	Apr. 1, 1927	Has promised to pay up in full not later than Feb. 20, 1930.
643	Fred Lezotte	Dec. 22, 1924	839.50	65 notes of \$15.00 each & 1 note \$11.89 - " "	Dec. 1929	85.46	85.46	Dec. 22, 1929	Up to date
647	Myrtle I. Cummins	Jan. 1, 1925	1,232.48	16 notes of \$75.00 each & 1 note \$89.22 - " "	Nov. 9, 1929	672.04	672.04	About Oct. 1, 1929	Paid \$140.00 Interest in 1929 - Has promised to get this paid by June 3, 1930.
682	Frank Wise	Dec. 6, 1926	512.63	56 notes of \$10.00 each & 1 note \$13.43 - " "	Feb. 4, 1929	428.70	428.70	Nov. 6, 1927	Worked at sawmill - Since then has not worked steadily until this past summer - Expect to get this contract up to date in 1930.
684	Albert F. J. Schultz	Dec. 6, 1926	1,144.36	95 notes of \$15.00 each & 1 note \$19.13 - " "	Dec. 9, 1929	779.19	779.19	Dec. 6, 1929	Up to date
692	Henry Archaubeau	Jan. 1, 1927	1,415.70	87 notes of \$20.00 each & 1 note \$11.21 - " "	Dec. 9, 1929	922.61	922.61	Dec. 1, 1929	Up to date
TOTAL						5,216.81	5,216.81		

AJE-LEDEEN-5
1/18/30

THE CLEVELAND-CLIFFS IRON COMPANY
Land Department
LOT SALES RECEIVABLE - DECEMBER 31, 1929

CONV. NO.	PURCHASER	DATE OF SALE	CONSIDERATION	TERMS	DATE OF LAST PAYM'T	BALANCE DUE			TAXES UNPAID	INTEREST PAID TO	REMARKS
						PRINCIPAL	TAXES	TOTAL			
4249	John Osterberg	June 22, 1927	\$160.00	4 equal payments on Feb. 22, 1928-1931	Feb. 25, 1929	\$ 80.00	13.03	93.03	1926 Taxes	2/22/29	Taxes for 1926 delinquent. Keeping after him for payment.
4249	Wm. E. Smith	June 22, 1927	160.00	4 Equal payments on Feb. 22, 1928-1931	July 12, 1928	140.00		140.00		2/22/28	2 payments in arrears. He is attempting to sell his interest in these lots and we expect this will be taken care of in 1930.
4597	Randall Black & Wife	July 17, 1929	110.00	\$10.00 cash - Bal. in 4 yrs. on Nov. 17th each year	Nov. 15, 1929	75.00		75.00		11/7/29	Up to date
4246	T. W. Scholtes	Aug. 1, 1925	300.00	\$50.00 cash - Balance in 5 years	Aug. 1, 1929	50.00		50.00		8/1/29	Up to date
3964	Joseph McKay	Sept. 16, 1922	650.00	\$100.00 cash - Balance in 5 years	Sept. 17, 1926	110.00	175.46	285.46	Taxes due 1925-1926	9/16/26	Returned to Munising this past summer after serving sentence for violation of Prohibition Act. Expect this will be cleaned up in 1930.
4221	do.	May 1, 1925	325.00	\$55.00 cash - Balance in 4 years	May 1, 1925	260.00	34.59	294.59	Taxes due 1925-1926	none paid	do.
4137	Edw. Wickholm	May 17, 1924	325.00	\$55.00 cash - Balance in 4 years	Dec. 4, 1929	85.53		85.53		11/17/29	Has arranged for sale of this lot and promised to pay up balance very shortly.
3860	W. G. Ledholz	Nov. 25, 1921	600.00	\$100.00 cash - Balance in 5 years	Aug. 4, 1926	137.51		137.51		11/25/26	Now living at Negaunee. Has arranged for a sale of these lots early next year. Account will be paid in full at that time.
4459	Alger County Insurance Agency	Nov. 22, 1927	800.00	\$6.90 per month	Nov. 25, 1929	634.40		634.40		11/1/29	Up to date.
4341	Mary W. Peterson	June 14, 1926	150.00	\$30.00 Cash - Balance in 4 years	Jan. 24, 1929	60.00		60.00		12/14/28	Payment due June 14, 1929 in arrears. Expect this will be paid early in 1930.
4090	Dalton Gollinger	Sept. 24, 1923	525.00	\$100.00 cash - Balance in 5 years	Dec. 3, 1929	225.40	137.34	362.74	Taxes due 1925-1926	1/24/27	Has promised to pay \$25.00 per month until account is cleared up.
4220	Albert Osa	May 1, 1925	350.00	\$5.00 cash - \$5.00 per month	Mar. 5, 1928	25.00		25.00		11/15/26	Expect this balance will be paid during 1930.
4151	Hick Horos	June 25, 1924	425.00	\$85.00 cash - Balance in 5 years	May 20, 1927	119.00		119.00		5/25/27	Has been away from Munising for over a year. Returned in Nov. Expect to get this paid in 1930
4595	Isaac Tunteri	July 11, 1929	200.00	\$50.00 cash - Balance in 5 years	July 11, 1929	150.00		150.00		none paid	Up to date.
						2,151.84	850.42	2,512.26			

AJE-LED:EN-5
1/17/30

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LAND AND TIMBER SALES FOR THE YEAR 1929

PURCHASE	DESCRIPTION	ACREAGE	LAND	TIMBER	TOTAL	REMARKS
Marquette County Board of Road Commissioners	N $\frac{1}{2}$ of NW $\frac{1}{4}$ & SE $\frac{1}{4}$ of NW $\frac{1}{4}$ Sec. 4-49-27	119.52	\$ 1,195.20	\$ 2,804.80	\$ 4,000.00	
Thos. H. Fewlass	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ " 33-44-19	40.00	200.00		200.00	
Robert Johnson	SW $\frac{1}{4}$ of SE $\frac{1}{4}$ " 36-46-21	40.00	320.00	30.00	350.00	
Jack Salminen	SW $\frac{1}{4}$ of SW $\frac{1}{4}$ " 36-46-21	40.00	200.00	120.00	320.00	
Michigan Bell Telephone Co.	Pole Line Easement " 32-48-26		.50		.50	
Do.	Do. certain lands in 47 & 48-25		1.00		1.00	
Havela & Asiala	Certain lands in 46-18			35,000.00	35,000.00	Timber Only
Blizel & Blank	Certain lands in Secs. 10 & 14, 46-17			62,000.00	62,000.00	Do.
State of Michigan	Certain strips along Highway in 46-23	58.45	584.50	3,915.50	4,500.00	
Stephen C. Rosebush	Lands in Sec. 36-46-29			425.00	425.00	Timber Only
Henry Craig	SW $\frac{1}{4}$ of NW $\frac{1}{4}$ " 25-44-24	40.00	100.00	100.00	200.00	
Rock Co-operative Co.	Entire " 33-45-24	640.00	640.00	2,160.00	2,800.00	
United States of America	Certain lands in Alger County	20,509.67	24,437.02	6,327.48	30,764.50	
Do.	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ " 2-43-18	40.00	40.00	20.00	60.00	
Wiseman & Ruusuvaara	NE $\frac{1}{4}$ of SW $\frac{1}{4}$ " 22-46-24			3,000.00	3,000.00	Timber Only
I. Stephenson Co. Trustees	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ & S $\frac{1}{2}$ of SE $\frac{1}{4}$ " 36-45-23	120.00	120.00	3,489.00	3,609.00	
William Bonifas Lumber Co.	Certain lands in 46-11, 12 & 13			225,000.00	225,000.00	Timber Only
Newberry Lumber & Chemical Co.	SW $\frac{1}{4}$ of SE $\frac{1}{4}$, Sec. 18, & NW $\frac{1}{4}$ of SE $\frac{1}{4}$ " 19-47- 8			4,000.00	4,000.00	Do.
County of Marquette	Little Lake-Carlshend Road " "	26.32	260.32	2,239.68	2,500.00	Right-of-Way
Herman G. Rath	SE $\frac{1}{4}$ of NW $\frac{1}{4}$ " 24-45- 5	40.00	40.00	85.00	125.00	
Joe Shagar	NW $\frac{1}{4}$ of SE $\frac{1}{4}$ " 29-45-21	40.00	260.00	20.00	280.00	
Erickson & Bissell	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ & W $\frac{1}{2}$ of SE $\frac{1}{4}$ " 2-46-23			7,800.00	7,800.00	Timber Only
Larson Bros.	Lands in Secs. 8 & 9, 44-21			6,500.00	6,500.00	Do.
Sam Maki	SE $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 26-46-22, South of R.R.	21.16	317.40	32.60	350.00	
Morris F. Hanson	NW $\frac{1}{4}$ of SW $\frac{1}{4}$ Sec. 22-47-21, South of R.R.	9.06	90.60	9.40	100.00	
Green & Lund	S $\frac{1}{2}$ of SW $\frac{1}{4}$ Sec. 22-45-24	80.00	200.00	400.00	600.00	
Victor & John Marala	SE $\frac{1}{4}$ of NE $\frac{1}{4}$ " 20-48-26	40.00	170.00	225.00	395.00	
Lena E. & Stanley Warchock	SE $\frac{1}{4}$ of SE $\frac{1}{4}$ " 26-46-17	40.00	300.00	100.00	400.00	
James B. Webber	Lot 3 " 14-48- 6		10.00		10.00	Quit Claim Deed
State of Michigan	Entire Sec.26-47-19 & Right-of-Way 47-19 Lands	59.68	3,411.00	589.00	4,000.00	
Do.	Certain lands in Sec. 3-46-19	1.35	4,300.00		4,300.00	Includes acreage of C. 4616
Oscar Anderson	SE $\frac{1}{4}$ of SE $\frac{1}{4}$ Sec. 19 & NW $\frac{1}{4}$ of NW $\frac{1}{4}$ " 30-45-17			2,150.00	2,150.00	Timber Only
Ranta & Siipola	Lands in " 24-45-26	320.00	320.00	1,680.00	2,000.00	
Russell J. Jeffery et al	NE $\frac{1}{4}$ " 1-44-26	162.91	814.55	385.45	1,200.00	
Mathew Lanaski	NE $\frac{1}{4}$ of NW $\frac{1}{4}$ " 19- 50-22 Minn.	40.00	200.00	140.00	340.00	
Andrew Erickson	SE $\frac{1}{4}$ of SE $\frac{1}{4}$ " 13-44-22	40.00	200.00	300.00	500.00	
Surrell & Rahilly	NW $\frac{1}{4}$ of SE $\frac{1}{4}$ " 2-47-11	40.00	75.00		75.00	
Jay Bailey	N $\frac{1}{2}$ of SW $\frac{1}{4}$ " 25-45- 5			300.00	300.00	Timber Only
TOTAL		22,608.12	38,807.09	371,347.91	410,155.00	

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LAND AND TIMBER SALES FOR THE YEAR 1929

SHEET NO. 2.

	UNPLATTED LANDS							PLATTED LANDS				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, 1928	534,793.98	52,817.84	4,499.83	2,332.78	53,308.36	680.46	432.95	215.00	95.97	283.72	649,460.79	114,309.03
Purchased in 1929 (1)	2.11		.73					.15	.52		2.05	
Cancelled Contracts (2)	130.00										130.00	130.00
Classification Changed		19.47							19.47			
TOTAL	534,926.09	52,798.37	4,499.10	2,332.78	53,308.36	680.46	432.95	215.15	115.86	283.72	649,592.84	114,179.03
Sold in 1929 (3)	20,457.40	3,431.69						.47	.38		23,889.94	20,298.17
Surrendered (4)						240.00					240.00	
TOTAL	20,457.40	3,431.69				240.00		.47	.38		24,129.94	
Total Acreage as per Acreage Statement Dec. 31st, 1929	514,468.69	49,366.68	4,499.10	2,332.78	53,308.36	440.46	432.95	214.68	115.48	283.72	625,462.90	134,477.20

(1) Purchase Nos. 2924, 2925, 2934, 2938, 2945, 2951, 2975, and 2980.

(2) Conveyance Nos. 3594, 3772, and 3970.

(3) As per statement above and Conveyance Nos. 4550, 4567, 4553, 4585, 4573, 4595, 4585, 4574, 4582, 4595, 4597, and 4599.

(4) Conveyance Nos. 4573 and 4493.

AJE:MD-2.
1/24/30.

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE - DECEMBER 31, 1929.

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS				MINERALS RE-SERVED 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
46	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	80.00										80.00	720.00
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												
45	10	840.00										840.00	23.00
46	10	254.54										254.54	600.00
47	10	14,579.08										14,579.08	46.18
48	10	14,534.01										14,534.01	40.00
49	10	3,385.47										3,385.47	
43	11	160.00										160.00	30.52
44	11	277.00										277.00	320.00
46	11	4,102.55										4,102.55	480.00

LAND ACREAGE - DECEMBER 31, 1929.

SHEET NO. 3

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS				MINERALS RE- SERVED IN FARM LAND SALES
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS	TOTAL	
46	18	11,018.09										11,018.09	1,983.05
47	18	11,251.40	120.00									11,371.40	1,025.32
48	18	520.00										520.00	
37	19	135.60										135.60	371.50
38	19	1,987.71										1,987.71	4,171.18
39	19	537.39										537.39	2,078.36
41	19												360.00
42	19												560.00
43	19												520.00
44	19	4,985.71	40.00									5,025.71	2,081.46
45	19	118.41	40.00				360.46					518.87	2,440.62
46	19	9,895.41	176.35						39.90	14.33		10,125.99	9,530.53
47	19	9,307.99	108.18						8.06			9,424.23	561.44
48	19	6,865.06	658.35									7,003.41	
38	20												358.00
44	20	6,194.09										6,194.09	797.19
45	20	1,167.47	600.00									1,767.47	5,138.47
46	20	14,723.22	80.00				80.00					14,883.22	398.52
47	20	4,742.01										4,742.01	640.00
48	20	113.96										113.96	
43	21	658.60										658.60	4,406.11
44	21	3,118.81	555.01									3,673.82	3,359.33
45	21	3,065.56										3,065.56	3,665.27
46	21	8,301.02	80.00						1.02			8,382.04	4,080.63
47	21	4,265.51										4,265.51	870.22
48	21	963.48										963.48	
40	22								.20			.20	
41	22	3.46										3.46	215.54
42	22												878.09
43	22												80.00
44	22		760.00									760.00	6,553.63
45	22	3,474.50	280.00									3,754.50	2,384.11
46	22	4,725.87	294.32									5,020.19	11,103.14
47	22	6,501.05	1,786.61									8,287.66	825.09
48	22	2,140.09	279.70									2,419.79	
39	23	240.00										240.00	
40	23												160.00
42	23	160.00										160.00	3,229.01
43	23	680.00										680.00	1,120.00
44	23												326.53
45	23	514.56	3,256.95									3,771.51	784.93
46	23	1,521.12	9,695.66									11,216.78	705.20
47	23	2,400.00	5,534.90									7,934.90	160.00
39	24	40.00										40.00	200.00
41	24												400.00
44	24	1,840.32	5,164.45									7,004.77	
45	24	877.37	2,624.88									3,502.25	124.63
46	24	1,986.37	240.00									2,226.37	
47	24	240.00										240.00	40.00

LAND ACREAGE - DECEMBER 31, 1929.

SHEET NO. 5

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS				MINERALS RE- SERVED IN FARM LAND SALES
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	FEE	SURFACE	MINERALS	TOTAL	
50	22 Minn.	400.00										400.00	974.56
49	23			2.50								2.50	189.96
50	23	704.89		54.80								759.69	343.09
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 Minn.	160.00										160.00	
TOTAL		514,468.69	49,366.68	4,499.10	2,332.78	53,308.36	440.46	432.95	214.68	115.48	283.72	625,462.90	134,477.20

CAJ:MD-2.
1/27/30.

THE CLEVELAND-CLIFFS IRON COMPANY & SUBSIDIARY COMPANIES
ACREAGE STATEMENT - LANDS OWNED AND CONTROLLED - SHOWING OWNERSHIP BY COMPANIES

DECEMBER 31, 1929.

COMPANIES	UNPLATTED LANDS							PLATTED LANDS				ACRES OF LAND NOT TIMBERED "H"	ACRES OF LAND 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	FEE	SURFACE ONLY "G"	MINERALS ONLY	TOTAL ACRES				
CONSTITUENT COMPANIES (Entire stock owned by The C.C.I.Co.) The Cleveland-Cliffs Iron Company	514,468.69	49,366.68	4,499.10	2,332.78	53,308.36	440.46	432.95	214.68	115.48	283.72	625,462.90	233,722.74	391,740.16	106,520.03	134,477.20
ALLIED COMPANIES (A portion of the stock only owned by The C.C.I.Co.)															
The Mesquite Mine Co.	2.40	3.49		213.36					7.80	103.53	227.05	227.05		198.40	
Arctic Iron Co.	990.48		37.98								1,131.99	1,131.99		288.02	93.06
The Athens Iron Mining Co.	44.57	.22	17.39	21.61					4.23		88.02	88.02		83.57	
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	824.43	24,298.21								53,308.26	53,308.26		52,473.93	
TOTAL ALLIED COMPANIES	29,305.91	836.14	24,363.88	234.97					12.03	103.53	54,858.46	54,858.46		53,146.96	93.06
ASSOCIATE COMPANIES (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	
GRAND TOTAL LANDS OWNED AND CONTROLLED - ALL COMPANIES	546,276.30	50,204.82	29,177.78	2,567.75	53,308.36	440.46	432.95	214.68	127.51	387.25	683,137.86	291,397.70	391,740.16	162,483.49	134,570.26

"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 of towns 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 "A"	SURFACE ONLY "B"	MINERALS ONLY "C"	LEASED MINERALS "D"	MINING OPTION "E"	TIMBER ONLY "F"	LEASED SURFACE	FEE	SURFACE ONLY "G"	MINERALS ONLY	TOTAL ACRES	ACRES OF LAND NOT TIMBERED "H"	ACRES OF LAND TIMBERED "I"	LANDS ON MINERAL FORMATION "J"	MINERAL RIGHTS RESERVED IN SALES "K"
Total Acreage Dec. 31, 1928	566,600.07	55,655.98	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
Purchased during 1929															
The Cleveland-Cliffs Iron Company	2.11		.73					.15	.52		2.05	2.05		1.38	
The Negaunee Mine Co.									2.76		2.76	2.76			
The Athens Iron Mining Co.	1.52								1.52		1.52	1.52		1.52	
Cancelled Contracts (The C.C.I.Co.)	130.00										130.00	130.00			130.00
Classification Changed		19.47							19.47						
TOTAL	566,733.70	55,636.51	29,177.78	2,567.75	53,308.36	680.46	432.95	215.15	127.89	387.25	707,267.80	291,243.77	416,024.03	162,523.49	114,272.09
Sales - The C.C.I.Co.	20,457.40	3,431.69						.47	.38		23,889.94	22,287.68	1,602.26	40.00	20,498.17
Surrendered - The C.C.I.Co.						240.00					240.00	240.00	240.00		
Operated and Classification Changed												22,441.61	22,441.61		
TOTAL	20,457.40	3,431.69				240.00		.47	.38		24,129.94	153.93	24,283.87		
TOTAL ACREAGE DEC. 31, 1929	546,276.30	50,204.82	29,177.78	2,567.75	53,308.36	440.46	432.95	214.68	127.51	387.25	683,137.86	291,397.70	391,740.16	162,483.49	134,570.26

CAJ-AJE:MD-2.
1/24/30.

ARCTIC IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1929

TOWN	RANGE	UNPLATTED LANDS		PLATTED LANDS		TOTAL	MINERALS RESERVED IN SALE
		FEET	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.
1/15/30.

AMERICAN IRON MINING COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1929

TOWN	RANGE	UNPLATTED LANDS		
		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.
1/15/30.

BUNKER HILL MINING COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1929

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

CAJ:MD-2.
1/13/30.

THE CLEVELAND CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LANDS PURCHASED AND EXPENSES INCURRED ON ACCOUNT OF LAND TRACTS FOR YEAR 1929

PURCHASE	GRANTOR	PURCHASE NO.	ACREAGE	PURCHASE PRICE	ABSTRACTS & RECORDING	MISCELLANEOUS	TOTAL
Youngs	Dan Youngs & Wife	348				Legal Notice \$13.50	\$13.50
Lac La Belle Co.	Charcoal Iron Co. of America	1776				Hardwood Stumpage 15.00	15.00
Munising Co.	The Munising Co.	1848			\$ 24.50		24.50
Norrsgard	Carl A. Norrsgard & Wife	1939			1.00		1.00
TOTAL					\$ 25.50	\$28.50	\$54.00

OMC:MD-3.
1/20/30.

