

ANNUAL REPORT
1924



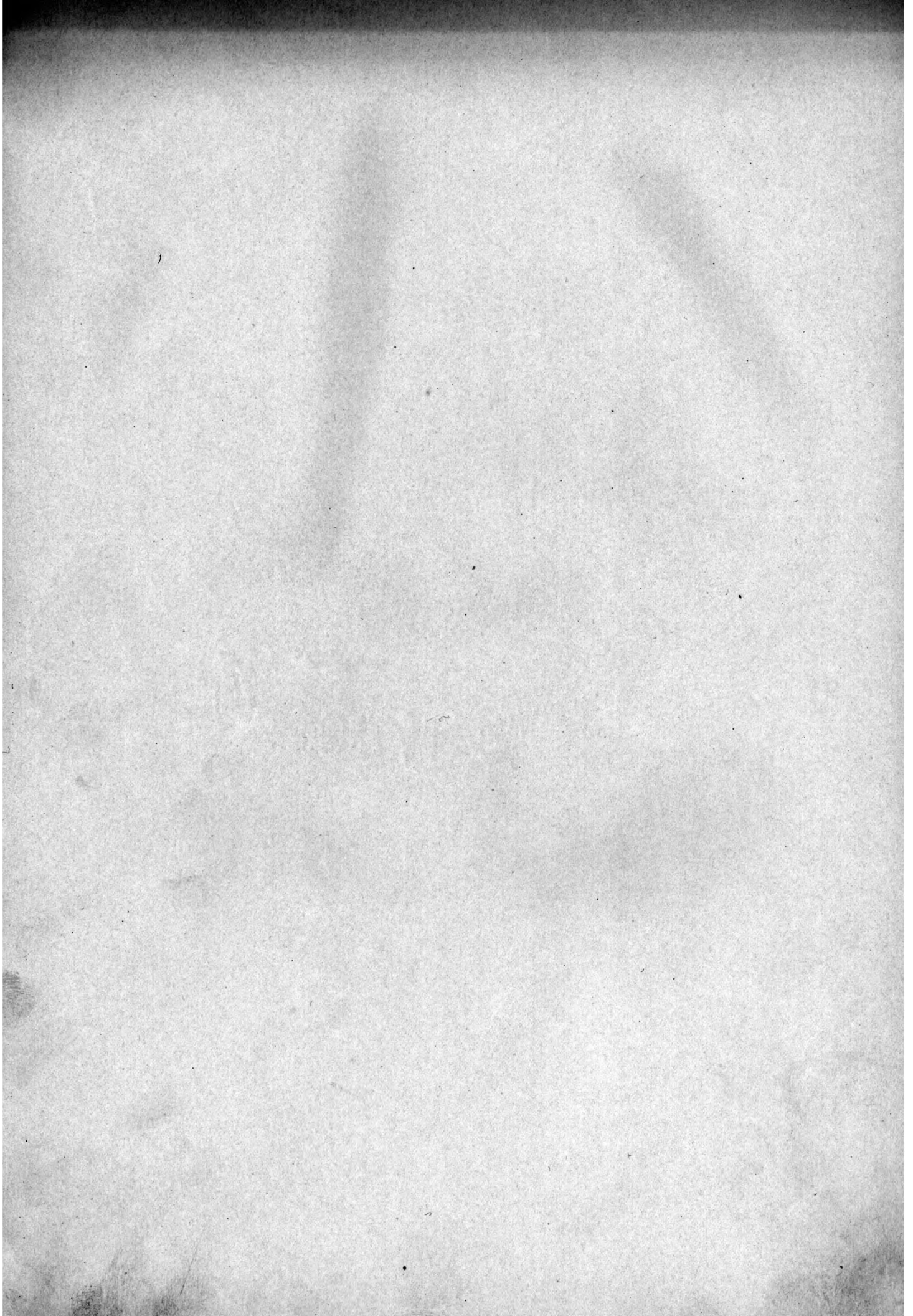
The Cleveland-Cliffs Iron Co.

LAND DEPARTMENT

NEGAUNEE, MICHIGAN.

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ANNUAL REPORT

YEAR 1924

LARD REPORT - HOGANES, MICHIGAN

NEGATIVE, PRINTED, MARCH 20, 1925.

ANNUAL REPORT

YEAR 1924

LAND DEPARTMENT - NEGAUNEE, MICHIGAN

Mr. Wm. C. ...
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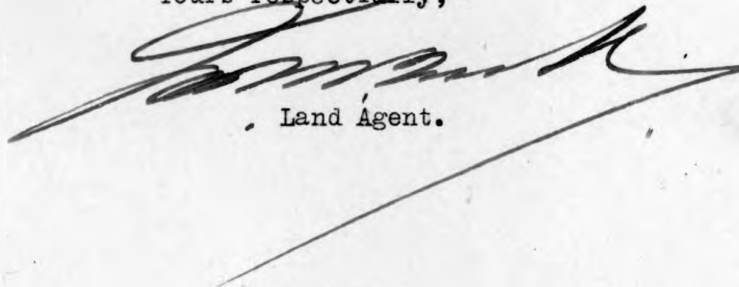
NEGAUNEE, MICHIGAN, MARCH 20, 1925.

Mr. Wm. G. Mather, President,
14th Floor Union Trust Bldg.,
Cleveland, Ohio.

Dear Sir:-

I hand you herewith ANNUAL REPORT of
The Cleveland-Cliffs Iron Company, Land Department, and
its subsidiary companies for the fiscal year 1924.

Yours respectfully,

A large, stylized handwritten signature in black ink, likely belonging to the Land Agent mentioned in the text below. The signature is written in a cursive style with a long, sweeping underline.

Land Agent.

JMB:CN

A N N U A L R E P O R T

LAND DEPARTMENT - NEGAUNEE, MICHIGAN

FISCAL YEAR 1924

THE CLEVELAND-CLIFFS IRON COMPANY

ARCTIC IRON COMPANY

AMERICAN IRON MINING COMPANY

BUNKER HILL MINING COMPANY

I N D E X

THE CLEVELAND-CLIFFS IRON COMPANY

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Land Acreage	35
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BUNKER HILL MINING COMPANY

Land Acreage	36
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LAND DEPARTMENT REPORT FOR THE FISCAL YEAR ENDING

DECEMBER 31, 1924

- - -

The Land Department has under its care and supervision the lands of The Cleveland-Cliffs Iron Company, Arctic Iron Company, American Iron Mining Company, Michigamme property, and Bunker Hill Mining Company.

The work of the Department consists of the careful supervision of the company lands; the prevention of trespasses of every kind; protecting the timbered lands and forest products from fire; the locating and establishing of woodworking manufacturing plants at points tributary to the Company railroads; the sale and leasing of farm stock and produce; the sale and leasing of lots in the various villages and cities; the sale of timber stumpage to the woodworking plants within the districts mentioned; the collection of rents and all moneys from such sales and leases; studying the general conditions of the company's tenants and the location in which they live, and encouraging improvements in the various cities, townships and villages in which the companies are interested; the operating and maintenance of Grand Island Forest and Game Preserve and Improvements, Hotel Williams and Cottages, Forestry Operations, Munising Sawmill and its various branches, and the operations conducted by various woodworking and other industries on the companies' lands and within its territory. It is also the duty of the Land Department to look after land titles, assessments and levy of taxes, and the payment of same.

LANDS PURCHASED

There were no lands acquired this year. Statement accompanying this report shows expenditures amounting to \$313.75 chargeable to various purchases made previous to 1924.

TIMBER SALES

Covered by Mr. Erickson's report which is attached hereto.

LAND SALES

A statement showing the land sales in detail for the year is made a part of this report. Comments on this subject are also to be found in report made by Mr. Erickson.

TIMBER SALES TO MANUFACTURERS

Munising Paper Company

The stock of logs and pulpwood utilized by this Company were obtained from their own holdings and outside purchases with the exception that we completed delivery of peeled hemlock logs on contract dated in September, 1921, and a sale made in January of this year of 300 cords of spruce and 700 cords of hemlock pulpwood.

General

The output of forest products by farmers and others along the L.S.&I. Railroad was about as usual. There was a fair supply of labor and it was more efficient than for some years past.

Woodworking Industries

The Munising Woodenware Company - Munising

They succeeded in buying from outside sources a quantity of logs which, combined with the veneer logs purchased from The Cleveland-Cliffs Iron Company, supplied them with their requirements.

Dalton Mill - New Dalton

Idle during 1924.

CLIFFLAND FARM - RUMELY

We obtained a fair crop of hay and oats and the weather conditions were such that it was possible to harvest these crops without any loss. The apple crop was a failure due to late frosts. No expenditures were made other than those necessary to keep the buildings and equipment in such condition as will enable us to make an advantageous sale should the opportunity offer.

GREENHOUSES

Not being operated.

UPPER PENINSULA DEVELOPMENT BUREAU

The Bureau continued its efforts, principally in behalf of advertising and tourist traffic. They were also active in the Boys' and Girls' Club work and in the land clearing campaign which was continued by the State during the year. They are receiving excellent support from the various counties, the large land owners, and the smaller business enterprises.

BALDWIN KILN PLAINS LANDS

Nothing to report.

TAXES

Comparative tax statement covering taxes paid by this Department has been sent your office. There have been no material changes in the valuation of the Company's holdings, decreases due to sales. There is a slight increase in the amount of taxes. This increase occurs in Alger County in the Townships of Grand Island and Limestone; also in McMillan Township, Luce County. These increases are due to expenditures on roads and township improvements. A material reduction occurred in Richmond Township, Marquette County, due to the fact that the valuation has been reduced on the Empire Mine which is under lease but the taxes are paid by this Department and charged to the lessee.

NEGAUNEE CEMETERY

Nothing new to report.

LOGGING OPERATIONS

No logging operations were conducted by the Land Department during 1924.

General Logging Conditions

Logging conditions throughout the district were fairly good and as mentioned before, the fact that labor was easier, greater efficiency resulted in a larger output than for some years past. Advantage was taken of these

conditions to clean up numerous logging jobs that had been started during the war years. This resulted in the production of large quantities of piece stuff that practically glutted the market so that as the winter came on, it was difficult to dispose of some of these products at prices that would cover their cost plus stumpage.

Market Conditions - Lumber and Forest Products

The demand for hemlock lumber fell off during the year and the prices did not meet our expectations. There was a fair demand for hardwood at prices that returned a profit. We were able to dispose of all our piece stuff production that was available for delivery in the Spring of this year.

Sales of Forest Products

We completed delivery of bark to the Michigan Tanning and Extract Company under the so-called Grand Island Bark Contract dated June 21st, 1925, covering 10,000 cords. The excess quantity of bark that we had available after completing this contract was sold to the Tanners Supply Company. Our production of railroad ties along the L.S.&I. was sold to that Railroad and those produced on the D.S.S.&A. were delivered to it. The Warner Lumber Company of St. Ignace purchased our output of cedar posts. The spruce and hemlock pulpwood went to The Munising Paper Company and the balsam pulpwood to the William Bonifas Lumber Company.

WORK DONE FOR THE BENEFIT OF OUTSIDE DEPARTMENTS

The following time was consumed by employees of the Land Department on work for outside departments:

	<u>Furnace</u> <u>Dept.</u>	<u>Lbrg.</u> <u>Dept.</u>	<u>Mining</u> <u>Dept.</u>	<u>Gov't Timber</u> <u>Questionnaire</u>
R. A. Brotherton	4 days	3 days	14 days	
N. B. Markettey	4 "	3 "	12 "	
W. H. DeHaas	1 "	5 "	3 "	
H. S. Nightingale			20 "	
J. G. Gibson				52½ days
J. R. Stark				11 "
C. Nicholas				4 "
Toivo Aho				1 "
Total	<u>9 days</u>	<u>11 days</u>	<u>49 days</u>	<u>68½ days</u>

SAWMILL PLANTS

Munising Sawmill

The Sawmill was operated continuously during the year, working double shift, with the exception of the period from October 15th to November 24th, when it was shut down for repairs. During this period, we installed a new 8' band mill and a Mitz & Merrill hog of sufficient size to hog all refuse that could not be utilized for lath, hardwood squares, chemical wood, or fuel for the sawmill boilers. This hogged refuse is shipped to the Furnace at Marquette for use under their retorts and boilers. The production totaled 20,147,537 feet of which 6,875,712 was hardwood. The shipments were 21,088,637 feet of which 5,192,612 was hardwood. We also produced as by-products 3,179,350 pieces of lath and shipped 3,152,200 pieces. Slabwood production was 6,866 cords and shipments 7,140 cords. We also produced and shipped 1,765 tons of hogged refuse. Production of hardwood squares totaled 309,675 pieces and the shipment 175,858 pieces. The total value of material sold at our Retail Yard for the year was \$63,421.18. We are still operating the mill with the old engine although the overloading conditions are worse since we installed the new hog and necessary conveyors for the hogged refuse.

Log Supply

A sufficient supply of logs was provided to keep the mill in operation during the year. Our total receipts at the mill were 16,658,190 feet, of which practically 8,000,000 feet was hemlock.

Labor Conditions

Labor conditions were very good and no trouble was experienced due to any shortage. Wages remained the same throughout the year.

Manufacturers Hotel

Joseph Michelin died the latter part of September and his widow surrendered the lease shortly afterwards and a new lease was issued to Alex J. Belfry. The hotel was fairly well patronized during the year, principally by mill men and other laborers. Outside of the general cleaning, which the main buildings were given, only necessary repairs were made.

Shipments of Products

There were shipped from the mill during the past two years the following number of cars:

<u>Munising Mill</u>	<u>1924</u>	<u>1923</u>
Lumber	974	1059
Lath	20	28
Shingles	10	8
Fuel Slabs	234	311
Pulp Slabs	25	4
Ties	15	4
Hardwood Squares	3	
Hogged Refuse	59	

These moved as follows:

L. S. & I.	311	178
M. & L. S.	86	268
Eastern Points	226	301
Via Little Lake	78	48
Lower Michigan	504	475
D. S. S. & A.	29	36
Ontario, Canada	67	64
Local	<u>39</u>	<u>44</u>
	1340 cars	1414 cars

Shingle Mill

The Shingle Mill was operated from July 29th to October 14th, during which period we manufactured into shingles and ties 21,945 pieces of cedar. This produced 4,353,000 shingles and 10,052 ties. We shipped 2,117,500 shingles and 10,370 ties.

Planing Mill

The Planing Mill was operated as shipping conditions required. A total of 12,762,939 feet was handled through the Planing Mill during the year, of which 559,463 feet were hardwood.

Logs for Lake Delivery

The logs remaining in the Laughing Fish River and on Grand Island were delivered to the mill during the summer season. This cleans up all logs available for water shipment.

BEACH INN

This place has been conducted by Mr. Heckathorn along the same lines as the past few years and is being kept up in a very satisfactory manner, and is enjoying excellent patronage. During the year, we cleaned the assembly room and the dining room, and a number of the guest rooms; more or less work of this nature will be required periodically.

FOREST FIRE PROTECTION

During the Spring and Summer of 1924 we had very few fires and none that made a serious loss. Most of our fires in June and July were small and did no damage to the growing timber. In the Fall of 1924, especially the latter part of October and the first week in November, we were called out to some 15 different fires. Very few of these fires started from the railroad and as near as we can tell, the cause of the majority of them were from cigarettes thrown from cars or dropped amongst the leaves by hunters. The most serious fire started Thursday, October 30th, southwest of Camp 1, Fredeen's. The prevailing wind at this time was in the South and very strong, carrying the fire North to the cut-over area in the Fredeen district and destroying some one and one-half or two million feet of unskidded logs in the vicinity of Camp 4. This fire extended over an area of 15 square miles and while the strong South wind prevailed, it was impossible to check it. Light snowfall on November 2nd practically extinguished the fire among the leaves although there were some stumps and logs smouldering throughout the burnt area. A close watch was kept of the fire and it was not allowed to get away from us again. We have recommended the purchase of two new gasoline fire pumps complete with a light truck to carry same and we feel that this will give us the best equipment we know of at the present time to combat these fires.

G R A N D I S L A N D

Forest Preserve

The conditions were as usual and no reforestation was undertaken.

Deer

Virginia White Tail

The deer appear to be in their usual good condition and were fairly numerous.

Albino

We have no reports of any Albino Deer being seen.

Elk

The elk herd seems to be about the same and those seen are in good condition.

Game Birds

A few native Partridge are still on the Island and some Prairie Chickens were noticed this Fall.

Predatory Animals

We had two or three visits from coyotes but they were hunted so persistently that they only remained on the Island a short time.

Hunting

The usual hunting was done during the season and I give you below a list of the permits issued:

- No. 183 - Mr. Oscar F. Mayer, Chicago, Ill.
- 184 - Mr. Carter H. Harrison, Chicago, Ill.
- 185 - Mr. William H. Klauer, Dubuque, Iowa.
- 186 - Mr. Oscar G. Mayer, Chicago, Ill.
- 187 - Mr. Jos. H. Winter, Negaunee, Mich.
- 188 - Mr. Anton Hanson, Negaunee, Mich.
- 189 - Sue. W. Southworth, Marquette, Mich.
- 190 - Geo. S. Southworth, Marquette, Mich.
- 191 - Mr. Eugene Townsend, Negaunee, Mich.
- 192 - Miss Sybil Bellstrom, Negaunee, Mich.
- 193 - Mr. Alf. Bellstrom, Negaunee, Mich.
- 194 - Mr. H. E. Van de Walker, Ypsilanti, Mich.
- 195 - Mr. Fred F. Benette, Ypsilanti, Mich.
- 196 - Mr. Geo. W. Swanson, Ypsilanti, Mich.
- 197 - Mr. E. Wiedman, Ypsilanti, Mich.
- 198 - Mr. Al. Willman, Negaunee, Mich.

Sales of Deer

The requests received from parties wishing to purchase deer exceed the number of animals that we are able to trap. We have planned for the winter of 1924-1925 to ship approximately 100 animals.

Sales of Elk

No elk were sold during 1924.

Road Work

Covered by Mr. Jopling's report which is attached hereto.

Trails

No additional trails were made, the only work done being the maintenance of those already in existence.

Docks

Such repairs as were necessary were made to the docks. Also at the Beach Inn, we put on an extension to enable the "Ottawa" to land at this point.

Maple Syrup

We had a fairly good season, producing over 800 gallons of syrup. This is the first year that we have had an opportunity to utilize our new syrup camp to any extent. We found that our storage capacity for sap was not large enough to take care of the number of trees that we tapped, particularly when the weather was very favorable and the sap was running freely. We are therefore arranging to build additional storage tanks.

Cottage Sites

Mr. John V. Redfield of Detroit commenced the construction of his summer cottage late in the Fall. No new inquiries for cottage sites were received during the year.

January 15, 1930

Hotels and Cottages

The Hotel was opened as usual about June 1st and closed October 25th. We had the usual number of guests but due to higher maintenance expense than usual, the Hotel did not show a profit on its operations.

Improvements

The only improvement made, outside of the road work mentioned elsewhere, was the construction of a larger ice house. In building this house, we utilized old lumber from some of the Log Job Camps. The old ice house was in bad repair and poorly located.

Launches

During the early Spring, we purchased the motor boat "Ottawa" from the Ottawa Beach Hotel Company. This is an all steel 67 foot boat, having a cabin and upper deck. She was equipped with a Kahlenberg 2 cylinder, 50 horsepower gasoline engine, which was not sufficient power to operate her on Lake Superior. We, therefore, had a 4 cylinder Kahlenberg oil burning engine of 100 horsepower installed. This motor operates very efficiently and the fuel cost is very low as compared with gasoline. She was put in commission the latter part of June and operated faithfully during the rest of the season.

Telephone

Nothing further to report on this subject.

January 15, 1925.

Mr. C. V. R. Townsend, Land Agent,
Building.

Dear Sir:

I beg to submit the following as my Annual Report for the year
1924:

THE CLEVELAND-CLIFFS IRON COMPANY

SALES OF LAND & TIMBER

There was very little demand for agricultural lands and the few sales made of cut-over lands covered such as contained more or less timber. This condition does not seem to be a local one as there has been practically no demand for lands in Minnesota and no inquiries have been received from large colonization companies during the past year. It is possible, now that the agricultural industry is getting back to normal, that we may expect a reasonable demand for agricultural lands in 1925. Following is a statement showing the sales by districts during the year:

<u>District</u>	<u>Number of Sales</u>	<u>Acreage</u>	<u>Total Am't of Sales</u>	<u>Timber Value</u>	<u>Avg. Price per Acre, Land Only</u>
Rumely-Chatham- Trenary	5	198.30	\$ 3260.00	\$ 1468.75	\$ 9.03
Brimley					
Ishpeming	9	520.00	3730.00	1330.00	4.61
Minnesota	1	40.00	280.00	25.00	6.37
Van Meer	1	118.00	1200.00	75.00	9.53
Miscellaneous	<u>13</u>	<u>2812.48</u>	<u>67055.00</u>	<u>55130.75</u>	<u>4.24</u>
TOTAL	29	3698.78	\$ 75525.00	\$ 58029.50	\$ 4.74

Five sales were made in the Rumely-Chatham District; mostly of lands that carried some timber. No sales were made at Yalmer or Brimley during the year. Nine sales were made in the Ishpeming District and we expect these lands will gradually be sold. Only one sale was made in the Van Meer and in the Minnesota Districts. The thirteen miscellaneous sales cover scattering

timbered lands and the principal sales were those made to A. J. Hughitt, William Bonifas Lumber Company and John Long.

SURRENDERED AND CANCELLED CONTRACTS

Fifteen contracts were either surrendered or cancelled during the year, comprising 676.85 acres. Most of these lands are well located and when the demand picks up, we do not expect to have any particular trouble in reselling.

SALES OF TIMBER

The only sale of timber during the year was the hemlock on certain lands of the old Munising Company, in 46-19, to the Munising Paper Company for a consideration of \$10,116.00.

LOT SALES

The only sales of lots during the year were at Munising; 26 $\frac{1}{2}$ lots were sold for a total consideration of \$7,111.50. 15 $\frac{1}{2}$ of these lots were in the Island View Addition. Mr. Mather authorized the sale of a portion of the Island View Addition as a location for moderately priced homes for working men.

RENTED BUILDINGS

There was a slight increase in earnings from rented buildings over the year 1923. However, owing to the slack mining conditions and the fact that the Dalton Mill has not been operating, the earnings from this source have not been what they should be.

The maintenance has been high due to the fact that several of the houses in the Sterling Addition were given a thorough overhauling outside, and painted; this work was absolutely necessary. We still have a number of dwellings in Negaunee that should be given similar attention and until this work has all been completed, the maintenance expense will be high.

COLLECTIONS

Collections of real estate accounts were about normal.

NEW LEASES

Fifty-seven new leases were issued during the year for an annual rental of \$285.00. These comprise: one residence lease, twenty-four camping leases, nineteen garden leases and thirteen miscellaneous leases.

BELLEVUE AND CLIFFS FARMS

These farms were rented to the same parties as for the past several years; only a portion of the Cliffs Farm is occupied.

LOCATION IMPROVEMENTS

No new work in the nature of improvements was done by the Company in its various mining locations. The work of changing fences and moving some sheds made necessary on account of the platting of the Hard Ore and Barnum Additions was completed during the year.

GARBAGE COLLECTIONS AND CLEANING

This expense shows a reduction of \$164.46 due to the platting of the Hard Ore and Barnum Additions and the City now looks after this work in these two Additions.

BUNKER HILL MINING COMPANY

RENTED BUILDINGS

The earnings were the same as the previous year, the dwellings all being occupied during the entire year. Houses Nos. 2, 4, and 5 were given a thorough exterior overhauling and have been partly painted, and will be completed in the spring of 1925. House No. 3 should also be taken care of in the same manner and this will then put the dwellings in pretty fair shape.

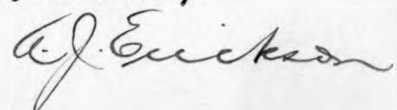
COLLECTIONS

The accounts are in excellent shape with the exception of one house rent item and with improved business conditions and work plentiful we will undoubtedly be able to wipe out this account in 1925.

AMERICAN IRON MINING COMPANY

We were authorized during the year to plat some cottage sites on Lake George in Section 20-48-31. Eight of these lots were sold during the year for a total consideration of \$680.00. In addition to these sales, the only other item of revenue was \$10.00 received from the sale of some down timber for fire wood.

Respectfully submitted,



February 16, 1925.

Mr. H. J. Theriault,

Building.

Dear Sir:

I beg to submit the following as my annual report for the year 1924:

Reforestation - Grand Island

No new planting was done this year. It was thought advisable to wait another year before we do any more planting.

The Pine seedlings are doing very nicely and those planted along the East and West Roads are making very good progress.

I would suggest that the areas that are not planted be planted this coming Spring because if it is left too long, too much underbrush will be growing up and therefore make it difficult for little Pine seedlings to break through.

Trespass

I did not have much time to look after trespasses around Munising because I spent the better part of the summer scaling logs at the Munising Sawmill.

Raish Contract

F. H. Raish, who purchased land and timber near Pickerel Lake, was selling his timber to the Munising Sawmill. It was my duty to visit this Job once or twice each week. I had to see that he kept on one description and cleaned it up of all merchantable saw logs before he could go farther.

I had a little difficulty at the first getting him to cut his logs according to Contract because he was cutting too small and too crooked logs, which were no good for lumber and, therefore, were culls but after a few instructions, everything went along nicely until the Spring break-up.

Syrup Making on Grand Island

I was boiling syrup at the new Syrup Camp back of the Farm from March 28th to April 24th. It was a very poor Spring because of such cold weather and, therefore, did not get as much syrup as we expected.

Trees planted at L. S. & I. Station - Munising

There were new trees planted in place of those that died last year. We also planted some in the late Fall and now we have a good stand of Pine and Spruce. It appears so far that Fall planting is the best on account of the trees being so large.

Cliffland Farm Orchard

There were 160 Apple Trees planted in the places which were left vacant by those that died the Fall before. All dead trees were removed and a half stick of dynamite was placed about 2 feet below the surface and set off. This helped to break up the hardpan and will give the young trees a chance to catch root.

These trees looked very good this Fall and only 2 had died.

Forest Fires

We had a very good year until the last of October and the first half of November, when we had some very bad fires but snow came at last and put out some very stubborn fires that had been burning.

Owing to my going to the hospital where I underwent an operation, I was delayed in getting out my annual report.

Respectfully yours,

CHS:CN

C. H. Slater.

Forester.

GRAND ISLAND

REPORT FOR YEAR 1924

Mr. C. V. R. Townsend, Land Agent,

Negaunee, Michigan.

Dear Sir:

The following is a review of the operations and conditions on Grand Island for the year 1924:

BUILDINGS

Beyond the necessary repairs no new work or additions were made to the hotel buildings this year. The usual Spring painting and varnishing was done on the hotel, and the adjoining cottages given an outside coat of brown stain.

A built-in ice box for meat and fish was added to the kitchen department, and the roof of the porch over the entrance to the hotel was torn down and rebuilt. The old fireplace in No. 2 Cottage having partly fallen down, it was restored so as to resemble the old construction as nearly as possible. The two cottages used by the hotel domestics were also painted and repaired.

ADMINISTRATION BUILDING

The entire building was repainted and zinc flashing laid along the edge of the roof to prevent formation of ice during Winter. A tin roof was also laid over the laundry in place of the shingles.

MEN'S SLEEPING CAMP

Repainted and minor repairs made.

NEW ICE HOUSE

A new frame structure of good capacity for ice storage was built on Power House Point this year, the ground dimensions being 50 x 24. Its closeness to the water makes it convenient for filling, and it now contains about 65 cords of ice.

GARAGE

A concrete pavement was laid in this building and floor space provided for three cars and a truck. The outside was given a coat of brown stain as also the workshop nearby.

BOATHOUSE

The launches and rowboats in this received an overhauling and painting at the opening of the season and the exterior stained in a similar way to the adjoining buildings.

DOCKS

Due to settlement of the cribs the sewer pipe running through the Hotel Dock and discharging at the outer end was displaced and required relaying and caulking. Some of the old planking was also replaced.

Some repairs were made to the Merchandise Dock and the water was deepened about it to accommodate the new boat "Ottawa". This dredging was done with a clam shell dredge owned by the Lake Superior & Ishpeming Railroad Company, being mounted on a scow for the purpose. Broken plank was also replaced and broken mooring posts restored.

In order to furnish a landing place in town for the new ferryboat "Ottawa", an extension of the present Beach Inn Dock, Munising, into deeper water was necessary, and for this purpose a pile structure was added, 125 feet in length by 8 feet in width.

The Powell's Point Channel Dock and approaches were repaired, and changes made in the doors of the garage so as to make space for five cars instead of four. The road leading to the County Road having been badly washed, was repaired with cinders.

POWER LINE

This season a power line cable was extended on poles from the Power-house to a point near the Administration Building and thence carried underground to the hotel.

REDFIELD COTTAGE

Mention may be made of this as an addition to the Island summer cottages. The work is under contract, but the foundations were partly completed when the severe winter weather compelled the contractor to close down until Spring.

TRAILS AND CAMPS

The usual clearing out of trails, including the one to Trout Bay was carried out, and the old lumber camp building on the East and West Road, known as Camp No. 2, was torn down and the site cleared, and all material of any value piled up and stored for future use. The blacksmith shop only was left standing as it was in good condition and could be used for storage and also as a place of shelter in time of need. It also has a telephone connecting with the Island system.

THE LODGE

Some repairs were made here to the rear entrance walk and the front steps leading down to the beach. The gasoline pump was put in order and plumbing also repaired. The trees and shrubbery about the house should be trimmed and the lawn in front leveled up and reseeded.

ECHO LAKE BOATHOUSE

An extension of eighty feet was added to the dock to provide deeper water for bathers. The log work in the tower was rechinked with cement, and the aprons for drawing up boats, which had been damaged by ice, were rebuilt and new rollers furnished. The board walk through the swamp to the road was also repaired. The two rowboats used here are getting old and unsafe. New ones are needed and preferably of the punt type, for fishermen need a steady boat and speed is of little consideration on a sheet of water of this size.

TROUT BAY COTTAGES

Beyond the few repairs to some of these and plank walks, nothing was done. Parts of the plank walk to Murray Bay were renewed and the ice-house put in order. Something should be done with the road across the plains to the cottages. Trouble is had with getting cars over it, particularly in dry weather, as it is mostly beach sand. Guests are dependent upon cars or trucks now as the boat trips have been discontinued so that the daily supplies have to come over the road. A good clay material can be found close by which would make a suitable covering. This work could be done by contract as we did all our roads last year.

ROADS

General repairs over all roads, including dragging after rain, had been kept up throughout the season. This year marked the final completion of the East Road section of 5.57 miles, and its junction with the West Road at Northlight. After a period of more than twenty years since road work was begun on the Island under the Company's management, a complete circuit of the main body of the Island was made possible, the first car making the round trip on August 19th, 1924, the entire distance being 20.42 miles. The new road was used and much appreciated by visitors last season, but it requires considerable work yet to make it safe for travel. Dry material is needed on soft parts and continuous dragging before the new section is rendered smooth and compact. At the north end of the Island, where the new piece of road descends to the lake level through a dune sand cutting, the embankment should be widened and covered with clay to prevent the sand driving with the wind and so narrowing the roadbed. While some openings have been cleared along the road to afford views of Lake Superior and the distant Pictured Rocks, more of these should be made along the cliffs. In fact, the entire circuit of the Island along the lake side of the road should have openings to afford vistas at inter-

vals in order to overcome the effect of monotony during the drive, due to the dense growth of trees and shrubs which line the road on both sides, obscuring the views. Judicious cutting out at various points would add much to the interest for people using the road, and the brush so cut out could easily be disposed of by throwing it over the bank.

The same contractors who built the remaining link on the east side of the Island were given a lump sum contract of \$800.00 to widen and improve the road leading from the main road at the Lodge into Echo Lake, a distance of 3,000 feet. This piece of road had become unsafe for the traffic developed, being too narrow for cars to pass each other. The right of way was cleared to 30 feet and the roadbed graded to a width of 14 feet. A galvanized iron pipe of 36" diameter replaced the old wooden bridge over the stream emptying out of Echo Lake, and two similar pipes, one 18" diameter and one 12" diameter, were laid under the road through the swamp for drainage purposes.

GAME

Mr. Tisdale estimates the present herd of elk at thirty, consisting of twenty adults and 10 calves, and they seem to be thriving and in good condition. A large bull, with particularly fine antlers, is to be seen at the Lodge in company with some cows and young ones. While our native deer drop their antlers in December, the elk carry theirs until Spring, usually into April. A large pair of antlers was found in the barn where alfalfa is stored, and no doubt were dropped by the same animal.

The native deer seem fairly numerous and are estimated at 1,000 by the men. Their condition is unusually good, due no doubt to the abundant crop of beechnuts this year, and the light snow fall which enables them to range freely on their feeding grounds. A large number of deer have been caught in the box traps for shipment, and the probabilities are that upwards of 100 will go forward for the season.

Albino deer are still observed on the Island but we have none in captivity now. The regular feeding of deer is going on at the barns at Williams Landing, and among the herd of deer attracted by it is to be seen a pure white buck who has been noticed about the buildings all Summer.

Mr. Carter Harrison's party, hunting at Trout Bay in November, reported seeing two white deer on the Thumb, and another small albino deer was seen to the northeast of Camp No. 1 last Fall, which goes to show that this abnormal type still exists on the Island.

RUFFED GROUSE

This native bird has been increasing in numbers for the last two years, and early this Spring a number of covies were seen, but later they all disappeared, due presumably to the epidemic among these birds in the upper peninsula this year. Protection has been given these birds, however, since the Company acquired the Island in 1901, so that there should have been a large increase as their enemies have been few in number of late years. Foxes and predatory animals and birds that were so destructive to the game have been nearly exterminated and conditions should be of the best.

PRAIRIE CHICKENS

Small flocks of these birds have been seen on the Island during the last three or four years and they generally seem to leave for the mainland as Winter approaches. Now, however, a flock of about 30 birds has remained and may be found in the neighborhood of Duck Lake. In order to induce them to stay they are being fed regularly with grain and other feed. They also appear fond of the seed of alfalfa which is scattered every Winter about the Island for the deer and elk. The question now comes up as to what is the suitable food of these birds, particularly in Winter. Mr. Tisdale is under the impression that they "bud", as do our native grouse, and they

appear in the birch trees in the same way. It seems very desirable to keep these birds on the Island, and encourage them in every way so that they will take the place of the vanished native birds.

WILD RICE

About 150 pounds of wild rice seed was received from Minnesota in October, of which 100# was planted in Duck Lake, and the balance in Echo Lake. In the former lake the increase in the growth of wild rice continues and is spreading so that it will no doubt ultimately cover the entire lake, so that it will not be necessary to secure any more seed from the outside. I think we can soon begin to gather our own seed and spread it in the other Island waters. The ducks this Fall seem to have changed their flight for the time being, for few came over the Island and only a few nested in its lakes. But if we continue our efforts and can secure a good stand of wild rice there is no doubt that they will ultimately find it and come yearly in increasing numbers. Some of this same Minnesota wild rice seed was planted last year in Autrain Lake with very good results, and I am told by those who shoot down there that there was a large increase in the flocks of ducks feeding there.

GENERAL CONDITIONS

It has been observed in former years that an abundant crop of mountain ash berries would induce many birds to remain here during the year instead of leaving for the South. The berries were plentiful again last Autumn and have remained on the trees instead of falling off as they usually do. Many robins have remained to feed on them besides grosbeaks, crossbills, blue-jays and others. It has been noticed that the tracks are plentiful under these trees, showing that the deer pick up the fragments dropped by the birds.

THE OTTAWA

The new ferry and excursion boat "The Ottawa", purchased this season, is the type of craft needed in the Island service. The traffic between the Island and mainland has increased to such an extent that it has outgrown the old ferry "Grand Island", and larger accommodations for passengers and freight are needed. A boat of this size and sturdy build inspires confidence in the guests visiting the Island, and she can also be used in trips outside the Bay, and also in extended excursions to more distant places along the shore.

While the Island, as a summer resort, has great attractions in itself, and the hotel comfortable and homelike, there is a general complaint that there is so little to do. The result is that usually in a day or two the men are inclined to go elsewhere for entertainment, and leave the women and children to their own devices. Without golf, saddle horses, or the privilege of driving their cars on the Island, there is really not much outdoor forms of exercise beyond walking on the roads and trails, or possibly bathing should the temperature of the water permit.

With such a magnificent harbor as Munising Bay and the great Lake outside, it is surprising that so little use of these waters is made for pleasure purposes. As a matter of fact, there is less boating now than there was thirty or forty years ago. Then passenger steamers made a practice of running in close to the Pictured Rocks to give the people a good view of them, and then touch at the dock at old Munising to visit the settlement, when either bound up or down. Steamers would also be specially chartered to run from Marquette and the Copper Country to visit the "Rocks" as they were called, and both the steam and sailing yachts on the lower lakes would frequently visit us, and so the sails of many small craft dotted the Bay.

It seems to me that an effort should be made to revive the water sports and lake fishing by furnishing facilities for so doing with the necessary guides.

Yours truly,

A. O. Jopling.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

COMPARATIVE STATEMENT OF RECEIPTS FOR YEARS 1923 AND 1924

R E C E I P T S	1924	1923
Deliveries of Forest Products	419,048.17	382,789.57
Sawmill Deliveries - Munising	566,039.88	661,939.18
" " - New Dalton	782.53	11,904.87
Retail Yard Deliveries	63,421.18	54,721.15
Shingle & Tie Mill Deliveries	14,851.34	6,553.95
Cliffland Farm Product Sales	3,294.31	4,097.70
Williams Hotel & Cottages	16,912.35	17,853.35
Grand Island Products Sales	12,922.99	8,239.39
Earnings from Rented Buildings	10,516.65	10,355.82
Lot Rents - Pendill Location	183.00	183.00
C. I. M. Co.'s First Addition	1,841.02	1,841.02
Do Second "	598.00	587.00
" Third "	2,946.00	2,946.00
" Fourth "	118.00	112.00
" Fifth "	1,111.00	1,111.00
" Bancroft Location	222.00	222.00
" Nebraska "	135.00	135.00
" Hard Ore "	64.76	765.00
" Marquette "		1,089.00
" Hematite "	28.00	28.00
Ex. I. Co.'s First Addition	12.00	12.00
I. C. Co.'s Junction Location	360.00	360.00
Do Salisbury "	123.50	122.50
" Winthrop "	127.00	127.00
" Barnum "	606.35	528.00
Jackson Addition	1,206.84	1,205.00
Munising	62.50	51.83
Pioneer Iron Co.'s Second Addition	96.00	96.00
East New York Location	221.00	227.00
Lake Angeline "	146.00	131.50
Hard Ore Addition	1,783.24	
Land Rents	8,131.99	8,448.05
Sundry Rentals	322.00	138.33
Real Estate Sales	71,692.50	104,840.50
Farm Land Sales	1,085.00	2,015.00
Town Lot Sales	7,111.50	6,333.75
Cordwood Sales - Other Operations	29,644.55	36,659.00
Forest Products Sales - Outside Parties	1,151.29	102.63
" " " - Other Operations	65,743.35	59,848.17
Trespass Cases	1,553.97	469.27
Bark Sales - Outside Parties	11.50	88.76
" " - Other Operations	1,156.86	1,634.79
Timber Sales	10,116.00	1,642.50
Land Products Sales	394.31	427.33
Royalties Received	2,910.01	3,273.73
Rental of Equipment	52.30	42.00
Miscellaneous Sales of Machinery & Equipment	670.25	799.00
Miscellaneous Earnings	3,247.13	1,138.07
T o t a l	1,322,605.12	1,398,235.71

LED: D: 2
3/11/25.

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT SHOWING NUMBER OF GUESTS REGISTERED AT HOTEL WILLIAMS
BY STATES AND CITIES DURING THE SEASON OF 1924.

<u>MICHIGAN</u>			<u>WISCONSIN</u>		
Marquette	103		Milwaukee	33	
Munising	38		Neenah	12	
Negaunee	43		Beloit	7	
Ishpeming	16		Madison	6	
Escanaba	45		Appleton	14	
Detroit	46		Green Bay	2	
Grand Rapids	45		Marinette	29	
Gladstone	28		Oconto Falls	5	
Lansing	10		Chippewa Falls	3	
Ann Arbor	11		Oshkosh	7	
Crystal Falls	27		Fon du Lac	6	124
Menominee	15				
Hancock	4		<u>OHIO</u>		
Manistique	5		Cleveland	20	
Ironwood	4		Cincinnati	7	
Limestone	7		Toledo	3	
Cadillac	1		Defiance	2	
Belding	2		Lakewood	1	
Calumet	3		Ashtabula	1	34
Ypsilanti	2				
Kalamazoo	1		<u>INDIANA</u>		
Lake Linden	2		Elkhart	2	
Muskegon	3		Anderson	1	
Charlevoix	2		Fort Wayne	6	
Saginaw	2		Yorktown	3	
Pontiac	3	468	Indianapolis	4	
			Franklin	2	
			Mishawaka	2	20
<u>ILLINOIS</u>			<u>CALIFORNIA</u>		
Chicago	88		San Quentin	1	
Glencoe	4		Pasadena	3	4
Evanston	10				
Oak Park	8		<u>NEW YORK</u>		
Lake Forest	2		New York	4	
Mendota	4		Rochester	1	5
Moline	3				
Urbana	1		<u>PENNSYLVANIA</u>		
Hubbard Woods	3		Washington	2	
Wilmette	4		Philadelphia	2	4
Decatur	2				
Rockford	8		<u>MASSACHUSETTS</u>		
Sycamore	1		Amherst	2	2
Belvidere	2				
Elgin	2		<u>MISSOURI</u>		
LaGrange	5	147	Kansas City	1	1
<u>FLORIDA</u>			<u>NEBRASKA</u>		
Ormond	2	2	Axtell	2	2
<u>KENTUCKY</u>			<u>NEW JERSEY</u>		
Louisville	4	4	East Orange	1	1
<u>WASHINGTON</u>			<u>AUSTRALIA</u>		
Washington, D.C.	5	5	Brisbane	2	2
<u>MINNESOTA</u>			<u>ONTARIO, CANADA</u>		
Minneapolis	12		Sault Ste Marie	5	5
St. Paul	3				
Duluth	4	19			
			Total		849

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF FOREST FIRES OCCURRING DURING THE YEAR 1924 AS REPORTED BY THE VARIOUS DEPARTMENTS OF THE CLEVELAND-CLIFFS IRON CO.

REPORT NO.	DATE 1924	LOCATION	OWNER OF LAND			CAUSE			PREVENTABLE OR NOT	ATTRIBUTABLE		QUANTITIES & KINDS	LOSS			LOSS VALUE TO OUTSIDE PARTIES
			CO.	CO. LAND SOLD	OTHER PARTIES	SPARKS FROM ENGINES	FARMERS BURNING BRUSH	MISCL.		TO PRACTICES OF COMPANY	TO PRACTICES OF OUTSIDE PARTIES		LAND DEPT.	LEAS. DEPT.	RY. DEPT.	
1	May 3	At Fredsen Spur No. 2	1				1**		No	1		Dry Grass, brush, etc.				16 hrs labor
3	" 19	1/2 mile West of Whitefish No. 2	1		1				Yes			" " & old ties				10 " "
5	" 21	200 yds West of Eagle Mills Tower	1						"			" " "				2 " "
6	" 20	At East end of Coalwood Switch	1						"			" " "				5 " "
7	June 5	Forestville Siding No. 2			1				"			" " "				15 " "
7A	" 6	At Lemnds Switch			1				"			" " "				2 " "
8	" 5	3/4 mile South of Ransom			1				"			" " "				8 " "
9	" 13	2 1/2 miles West of Munising by Bridge 2-70			1				"			" " "				2 " "
10	" 16	North side of track-Dead River Siding			1				"		1	" " "				24 " "
10A	July 1	2 miles East of Little Lake			1				"			" " "				1 " "
12	" 18	2 1/2 miles East of Antlers			1				"			" " "				5 " "
13	Aug. 28	1/2 mile East of Antlers & 1 mi. E. of Big Bay			1				"			" " "				
14	Oct. 4	At West "Y" Switch			1				"		1	Old Tie Files				
15	" 25	500 ft. West of Coalwood Switch	1						"			Wood Pile				3 " "
15	" 27	At West end of "Y" Switch			1				"			Dry Grass, brush, etc.				6 " "
17	" 24	North of Myren			1				"			" " "				25 " "
18	" 28	One mile East of Rumely			1				"			" " "				3 " "
19	Nov. 1	Manigold Spur			1				"			" " "				10 " "
20	" 1	1/2 mile West of Big Creek Bridge			1				"			" " R.R. Fence & 15 posts			1	8 " "
	July 16	SE 1/4 of SE 1/4 of Sec. 14-47-22	1						incendary	No	1	No. 1 Ham. Ties 203 pcs @ .22 44.66 No. 1 Cedar " 20 " " .22 4.40 Hamlock Pulp " 992 " " .045 40.14 Spruce Pulp 202 " " .045 9.09 Cedar Posts 165 " " .053 8.74 Tie & Shingle Cuts 19 " " .09 1.71 108.74			1	\$100.00 " *
	June 26	NW 1/4 of NW 1/4 of Sec. 10-44-19	1									Dry Grass, brush, stumps, etc.			1	\$ 37.90 "
	" 13	NW 1/4 of SW 1/4 of Sec. 29-45-19	1						Yes			" " "			1	7.06 "
	Sept. 3	SW 1/4 of SW 1/4 of Sec. 33-45-19-10 acres	1						"			" " "			1	30.58 "
	Oct. 22	- 25 - NW 1/4 of SE 1/4 Sec. 22-46-21 & SW 1/4 of NW 1/4 Sec. 23-46-21	1						"			" " "			1	27.75 "
	Nov. 1	- 3 - SE 1/4 of NE 1/4 Sec. 22 & SW 1/4 of NW 1/4 Sec. 23-46-21	1						"			" " "			1	40.00 "
	" 1	- 7 - About 3100 acres in 47-23	1						No		1	Chemical Logs 402,593 ft. 4907.83 Hwd. Saw Logs 65,761 " 801.70 Sft. " " 1,297,190 " 5229.98 Stovewood 164 ods 328.00 \$11267.51			1	422.00 " * 205.76 " * 23.80 Tools*
												Also approx. the following amounts of standing material: Softwood & Hardwood Logs 5645552' Bark ods 313ods Posts pos 61962 Ties " 28598 Poles " 6060 Pulpwood ods 1901,870 Shingle Timber ft. 347850 Ash, Poplar & Softwood ods 3020 Dry Grass, Brush, etc.				4 days labor 5 hrs "
	Nov. 2	48 & 49-10 - Lucas County	1									" " "				
	Oct. 25	NE 1/4 of SE 1/4 Sec. 16-46-21	1						Yes			Burnt approx. 15 M Hamlock & 3 M Cedar			1	
	" 30	- Nov. 6 - Secs. 3 & 4, 49-33; Secs. 21, 22, 27, 28, 33 & 34, 50-33	1						"			" " "				

1** Section men burning brush along right-of-way
1* Items to be paid by Townships & State

THE CLEVELAND - CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LAND AND TIMBER SALES FOR YEAR 1924

DESCRIPTION		ACREAGE	LAND	TIMBER	TOTAL	REMARKS
SW $\frac{1}{4}$ of SW $\frac{1}{4}$ & SW $\frac{1}{4}$ of SE $\frac{1}{4}$	Section 30-45-17	76.37	237.50	2,012.50	2,250.00 ✓	
SW $\frac{1}{4}$ of SW $\frac{1}{4}$	18-44-21	38.30	337.25	382.75	720.00	
S $\frac{1}{2}$ of NW $\frac{1}{4}$	32-47-27	80.00	395.00	175.00	570.00	
NE $\frac{1}{4}$ of SW $\frac{1}{4}$ & SE $\frac{1}{4}$	28-46-20	200.00		2,000.00	2,000.00 ✓	
SE $\frac{1}{4}$ of NW $\frac{1}{4}$	18-44-21	40.00	395.00	405.00	800.00	
NE $\frac{1}{4}$ of SW $\frac{1}{4}$	25-50-23 Minn.	40.00	255.00	25.00	280.00	
E $\frac{1}{2}$, E $\frac{1}{2}$ of W $\frac{1}{2}$ & NW $\frac{1}{4}$ of NW $\frac{1}{4}$	29-44-23	520.00	2,791.50	4,708.50	7,500.00 ✓	
Right of Way Deed			1.00		1.00	Conveyance No. 4146
Right of Way Deed			1.00		1.00	Conveyance No. 4153
Lot 4	19-49-10	30.52	192.50	157.50	350.00	
SW $\frac{1}{4}$ of NE $\frac{1}{4}$	36-46-22	40.00	320.00		320.00	
Lands in 15 & 16	46-11	480.00	1,869.75	15,130.25	17,000.00 ✓	
Hemlock on Certain Lands in	46-19			10,116.00	10,116.00 ✓	Hemlock Timber Only - Conv. No. 4158
S $\frac{1}{2}$ of SW $\frac{1}{4}$	25-47-27	80.00	320.00	300.00	620.00	
Telephone Line Easement			1.00		1.00	Conveyance No. 4163
Lot 1	6-47- 2	25.09	232.50	17.50	250.00	
School Site on NE $\frac{1}{4}$ of NW $\frac{1}{4}$	35-46-23	.50	7.50	42.50	50.00	
SW $\frac{1}{4}$ of SW $\frac{1}{4}$	20-47-23	40.00	322.75	27.25	350.00	
SW $\frac{1}{4}$ of SE $\frac{1}{4}$ & E $\frac{1}{2}$ of SE $\frac{1}{4}$	6-46-17	118.00	1,125.00	75.00	1,200.00 ✓	
S $\frac{1}{2}$ of NW $\frac{1}{4}$ & SW $\frac{1}{4}$	9-46- 7	240.00	1,133.50	5,366.50	6,500.00 ✓	
N $\frac{1}{2}$ of NE $\frac{1}{4}$ & SE $\frac{1}{4}$ of NE $\frac{1}{4}$	8-47-17	120.00	600.00	6,900.00	7,500.00 ✓	
E $\frac{1}{2}$ of SE $\frac{1}{4}$	31-48-27	80.00	325.00	195.00	520.00	
Certain Lands in	45-13	560.00	2,246.75	14,753.25	17,000.00 ✓	
Certain Lands in	45-13	200.00	400.00	2,600.00	3,000.00 ✓	
SW $\frac{1}{4}$ of SW $\frac{1}{4}$	36-47-27	40.00	148.75	81.25	230.00	
SE $\frac{1}{4}$ of SW $\frac{1}{4}$	36-47-27	40.00	167.50	62.50	230.00	
NE $\frac{1}{4}$ of NE $\frac{1}{4}$	32-47-27	40.00	237.50	62.50	300.00	
S $\frac{1}{2}$ of NE $\frac{1}{4}$	20-46-19	80.00	985.00	15.00	1,000.00 ✓	
SW $\frac{1}{4}$ of NE $\frac{1}{4}$	18-44-21	40.00	365.50	254.50	620.00	
Right of Way Deed			1.00		1.00	
NE $\frac{1}{4}$ of NW $\frac{1}{4}$	32-47-27	40.00	222.50	157.50	380.00	
N $\frac{1}{2}$ of NE $\frac{1}{4}$ & NW $\frac{1}{4}$	16-41-24	240.00	900.00	1,400.00	2,300.00 ✓	
NW $\frac{1}{4}$ of NE $\frac{1}{4}$	32-47-27	40.00	196.25	83.75	280.00	
NW $\frac{1}{4}$ of SE $\frac{1}{4}$	18-44-21	40.00	373.50	426.50	800.00	
N $\frac{1}{2}$ of SW $\frac{1}{4}$	25-47-27	80.00	387.50	212.50	600.00	
Sewer Easement			1.00		1.00	Conveyance No. 4195
TOTAL		3,688.78	17,495.50	68,145.50	85,641.00	

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

STATEMENT OF LAND AND TIMBER SALES FOR YEAR 1924

SHEET NO. 2

	UNPLATTED LANDS								PLATTED LANDS			TOTAL	MINERAL RIGHTS RESERVED IN SALES
	FEE	SURFACE ONLY	MINERALS ONLY	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	WATER RIGHTS	FEE	SURFACE ONLY	MINERALS ONLY		
Total Acreage as per Acreage Statement December 31, 1923.	562,676.47	75,176.10	2,252.21	2,499.55	53,308.36	25,509.67	326.60	4,793.45	226.69	78.78	283.72	747,331.60	102,721.32
Purchased in 1924 (1)		75.87								2.45		78.32	
Cancelled Contracts (2)	676.85											676.85	676.85
TOTAL	563,553.32	75,251.97	2,252.21	2,499.55	53,308.36	25,509.67	326.60	4,793.45	226.69	81.23	283.72	748,086.77	102,044.47
Sold in 1924 (3)	2,869.98	798.80							3.48			3,692.26	2,489.98
Surrendered (4)						4,509.98						4,509.98	
TOTAL	2,869.98	798.80				4,509.98			3.48			8,202.24	
Total Acreage as Per Acreage Statement December 31, 1924.	560,663.34	74,453.17	2,252.21	2,499.55	53,308.36	20,999.69	326.60	4,793.45	223.21	81.23	283.72	739,664.53	104,534.45

(1) Purchase Nos. 2241, 2244, 2245, 2313, 2315, 2316, 2317, 2318, 2319, 2320, 2322, 2323, 2324, 2325, 2326, 2328, 2329, 2330, 2332, and 2333.
 (2) Conveyance Nos. 3808, 3809, 3271, 3846, 3884, 3919, 3216, 3840, 1532, 3628, 3638, 3883, 3558, 3799, 3627.
 (3) Sales as above and Conveyance Nos. 4120, 4121, 4123, 4137, 4142, 4144, 4145, 4148, 4149, 4150, 4151, 4155, 4156, 4165, 4172, 4190, 4136, 4141.
 (4) Conveyance Nos. 4125, 4126, Keweenaw Assn. Pur. #2144, 80.00 Acres; Lac La Belle Pur. #1764, 2037.85.

THE CLEVELAND-CLIFFS IRON CO.

LAND DEPARTMENT.

STATEMENT OF LANDS PURCHASED AND EXPENSES INCURRED ON ACCOUNT OF LAND TRACTS FOR THE YEAR 1924.

PURCHASE	PURCHASE NO.	ACREAGE	PURCHASE PRICE	ABSTRACTS & RECORDING	MISCELLANEOUS CHARGES	TOTAL
Manistique Lbrg. Co.	209			\$ 1.00	(Hoffman Tax Title) 7.30	8.30
Culver Mc Knight	360			4.50	(Copies of documents & chancery Notice) 34.95	39.45
Forster Bros.	1083			2.50		2.50
Merrill	1111				Depositions & Telephone 62.00	62.00
Dalton			# 200.00	1.50		201.50
			200.00	9.50	104.25	313.75

- Extension of Timber Rights.

CMC:EN-3

1/20/25

THE CLEVELAND-CLIFFS IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE -- DECEMBER 31, 1924

SHEET #3

TOWN	RANGE	UNPLATTED LANDS							PLATTED LANDS			TOTAL	MINERALS RE-SERVED IN FARM LAND SALES	
		FEE	SURFACE	MINERALS	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	WATER RIGHTS	FEE	SURFACE			MINERALS
48	30													711.57
49	39													480
45	29		43.17										43.17	168.49
46	29	1,385.11											1,385.11	182.36
47	29	40											40	80
48	30													56
43	31	115.22											115.22	
42	33				120								120	
44	33													80
50	22	485.88											485.88	888.66
49	23			2.50									2.50	189.96
50	23	704.69		54.80									759.69	343.09
46	25													280.05
47	25													39.75
46	26													440
57	22		119.88		80			319.60			.51		519.99	
57	23		40										40	
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							990	
41	32					1,493.40							1,493.40	
42	32					1,360							1,360	
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							160	
47	33					1,631.69							1,631.69	
49	33					80							80	
47	35					475.82							475.82	
47	36					120							120	
48	36					440							440	
TOTAL		560,663.34	74,453.17	2,252.21	2,499.55	53,308.36	20,999.69	326.60	4,793.45	223.21	81.23	283.72	739,884.53	104,534.45

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

DECEMBER 31, 1924.

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	WATER RIGHTS	FEE	SURFACE ONLY "G"	MINERALS ONLY	TOTAL ACRES				
CONSTITUANT COMPANIES (Entire Stock owned by The C.C.I.Co.) The Cleveland-Cliffs Iron Co.	580663.34	74453.17	2252.21	2499.55	53308.36	20999.69	326.60	4793.45	223.21	81.23	283.72	739884.53	221381.54	518502.99	104896.11	104534.45
ALLIED COMPANIES (A portion of the stock only owned by The C.C.I.Co.)																
The Negaunee Mine Company	2.40	240.00														
Arctic Iron Company	1004.55	3.49														
Banker Hill Mining Company	43.10		37.98													
The Athens Iron Mining Company	41.76	.22	10.20													
Lucky Star Mining Company	49.74		10.00													
Michigan Mineral Land Company	28175.62	834.43														
TOTAL ALLIED COMPANIES	29317.17	838.14	24356.49													
ASSOCIATE COMPANIES (The C.C.I.Co. has no ownership but acts as agent)																
American Iron Mining Company	2522.34															
GRAND TOTAL LANDS OWNED AND CONTROLLED - ALL COMPANIES	612502.85	75291.31	26902.86	2735.81	53308.36	20999.69	326.60	4793.45	223.21	86.84	387.25	797558.23	279055.24	518502.99	160852.66	104613.44

"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 others 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.

	UNPLATTED LANDS								PLATTED LANDS				ACRES OF LAND NOT TIMBERED	ACRES OF LAND TIMBERED	LANDS ON MINERAL FORMATION	MINERAL RIGHTS RESERVED IN SALES
	FEE	SURFACE ONLY	MINERALS ONLY	LEASED MINERALS	MINING OPTION	TIMBER ONLY	LEASED SURFACE	WATER RIGHTS	FEE	SURFACE ONLY	MINERALS ONLY	TOTAL ACRES				
Total acreage December 31st, 1923 Purchased during 1924	614744.42	76014.24	26874.42	2735.81	53308.36	25509.67	326.60	4793.45	226.69	83.75	387.25	805004.65	276902.79	528101.87	160852.66	102800.31
The C. C. I. Co.		75.87														
The Athens Iron Mining Company																
The Negaunee Mine Company																
Cancelled Contracts - The C.C.I.Co.	676.85															676.85
TOTAL	615421.27	76090.11	26874.42	2735.81	53308.36	25509.67	326.60	4793.45	226.69	86.84	387.25	805760.47	277658.60	528101.87	160852.66	102123.46
Sales - The C. C. I. Co.	2869.98	798.60														
American Iron Mining Co.	28.44		28.44						3.48							2489.98
Surrendered - The C. C. I. Co.						4509.98										
Operated and Classification Changed																
TOTAL	2918.42	798.60	28.44			4509.98			3.48			8202.24	1396.64	9598.88		
TOTAL ACREAGE DEC. 31, 1924	612502.85	75291.31	26902.86	2735.81	53308.36	20999.69	326.60	4793.45	223.21	86.84	387.25	797558.23	279055.24	518502.99	160852.66	104613.44

ARCTIC IRON COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1924

TOWN	RANGE	UNPLATTED LANDS		PLATTED LANDS	TOTAL	MINERALS RESERVED IN FARM LAND SALES
		FEE	MINERALS	MINERALS		
47	25	32.12			32.12	
47	26	824.43	4.43	88.03	916.89	78.99
48	26	148.00	33.55	15.50	197.05	
TOTAL		1004.55	37.98	103.53	1146.06	78.99

CAJ:CN:2.
3/5/25.

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

L A N D D E P A R T M E N T

L A N D A C R E A G E

D E C E M B E R 3 1 , 1 9 2 4

TOWN	RANGE	U N P L A T T E D L A N D S		
		FEE	MINERALS	TOTAL
47	31	515.98	38.42	554.40
48	31	2006.36	255.74	2262.10
TOTAL		2522.34	294.16	2816.50

CAJ:CN:2.
3/6/25.

BUNKER HILL MINING COMPANY

LAND DEPARTMENT

LAND ACREAGE

DECEMBER 31, 1924

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

CAJ:CN:2.
3/6/25.



