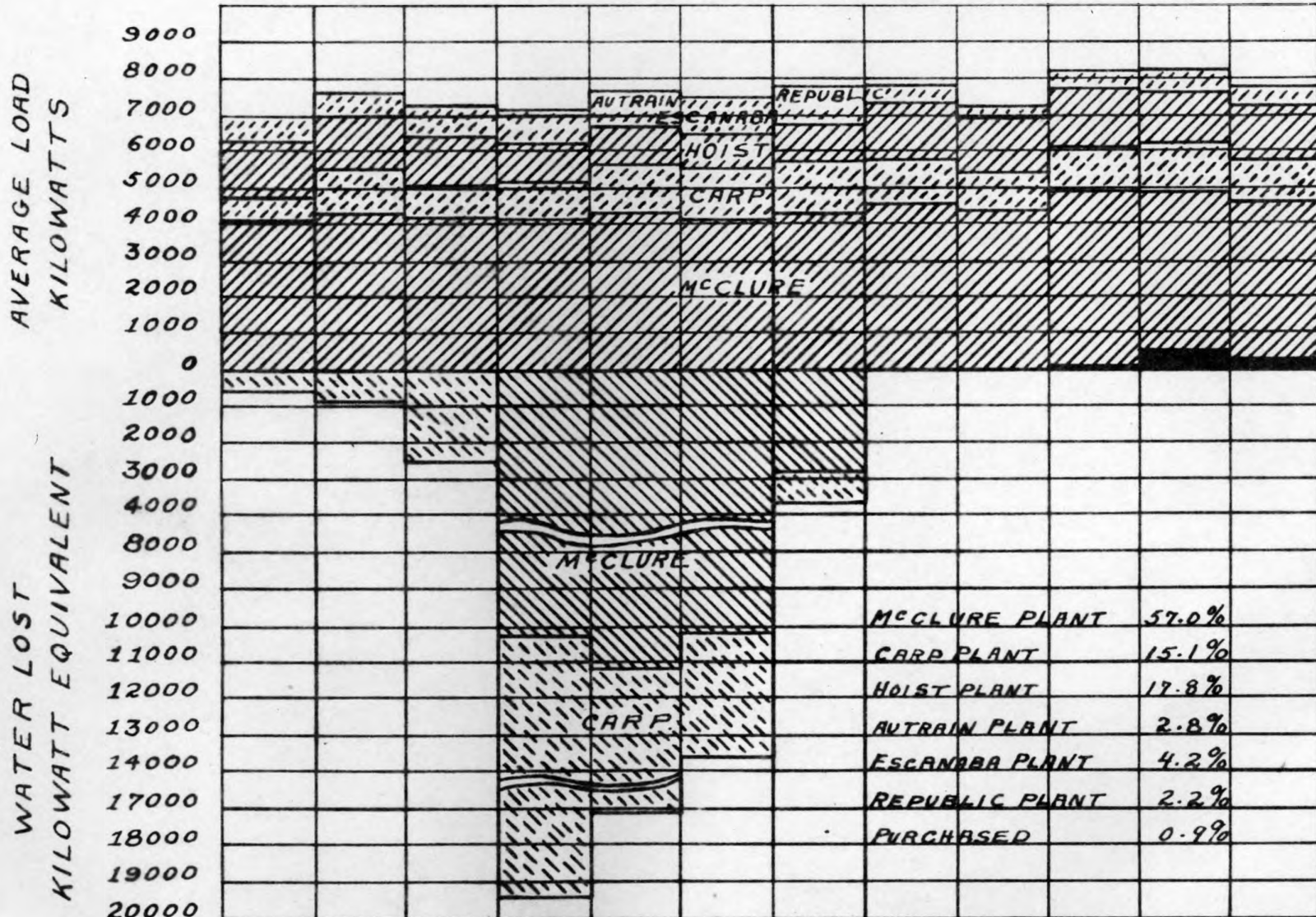


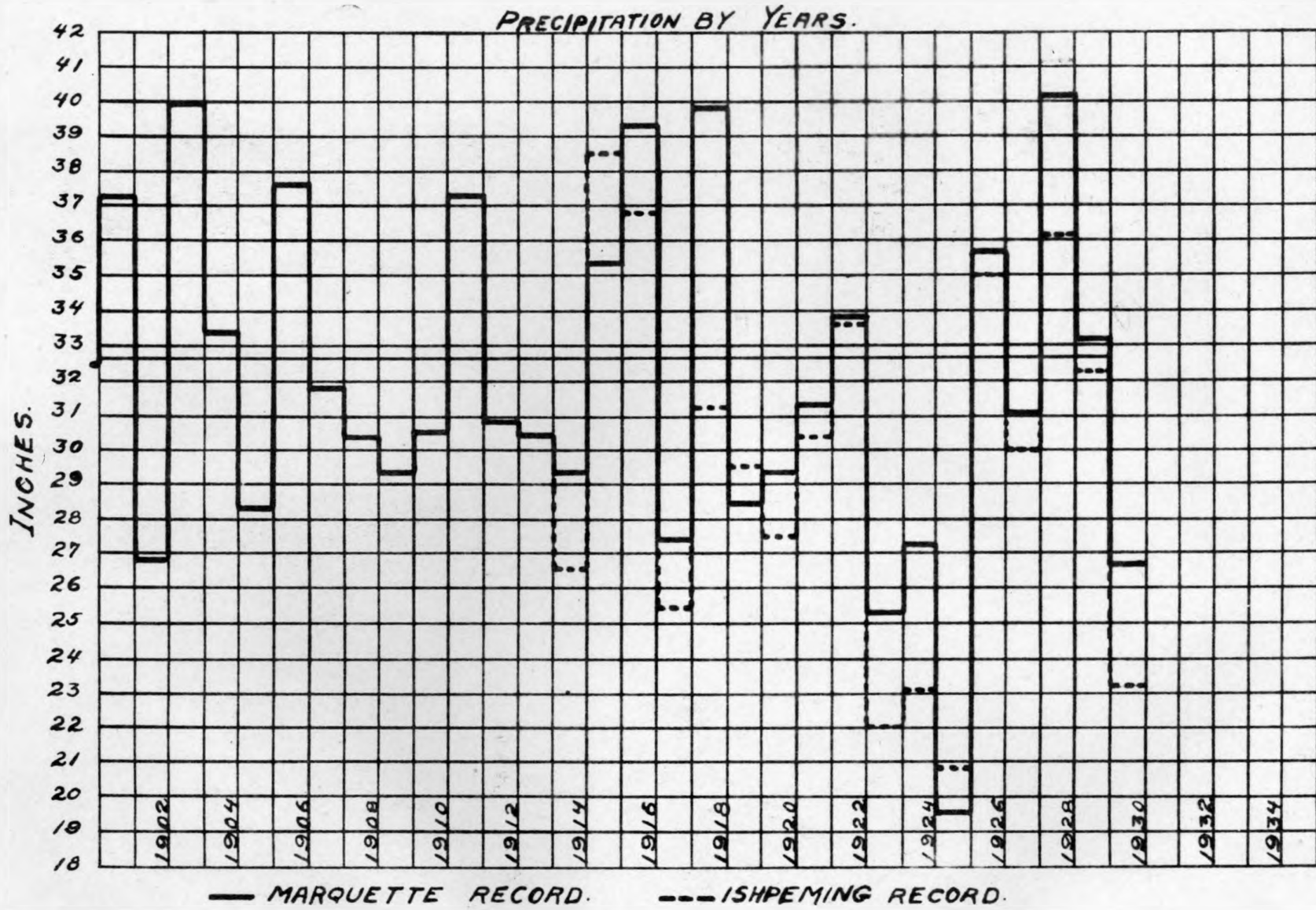
1930

JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.



McCLURE PLANT	57.0%
CARP PLANT	15.1%
HOIST PLANT	17.8%
AUTRAIN PLANT	2.8%
ESCANABA PLANT	4.2%
REPUBLIC PLANT	2.2%
PURCHASED	0.9%

CURRENT MADE BY WATER POWER.
  WATER LOST BY OVERFLOW.
  POWER PURCHASED.





21. ANNUAL REPORT OF THE MINING ENGINEERING DEPARTMENT FOR THE YEAR ENDING  
DECEMBER 31, 1930.

Ishpeming, Michigan,  
January 14, 1931.

ENGINEERING DEPARTMENT.

Mr. W. R. Meyers left the Engineering Department on April 1, 1930, to devote all his time as Superintendent of the Holmes, Spies-Virgil and Tilden Mines.

Mr. Carl Brewer was appointed Chief Mining Engineer in Mr. Meyers' place.

Mr. James E. Jopling has continued as Consulting Engineer throughout the year.

The usual books of photographic maps and views, which accompany this report, have been prepared as listed below:

A. LIST OF ANNUAL REPORT MAP BOOKS FOR 1930.

The Cleveland-Cliffs Iron Company,  
Ishpeming, Iron River and Munising Districts.

The Cleveland-Cliffs Iron Company,  
Negaunee and Gwinn Districts.

The Cleveland-Cliffs Iron Company,  
North Lake District.

The Cleveland-Cliffs Iron Company,  
Mesaba District.

These books contain the maps of the Company's mines; two sets of them have been prepared, one for the Cleveland office and the other to be kept in the Engineering office at Ishpeming.

Special books have been prepared for others interested in The Cleveland-Cliffs Iron Company's mines and also books and loose prints have been given to the superintendents of the various districts as follows:

NO.	MINE OR DISTRICT.	BOOKS.	FOR WHOM.
1	Athens Mine,		Pickands, Mather & Company.
1	Negaunee Mine,		Bethlehem Iron & Steel Corporation.
3	Hydro-Electric System,		Cliffs Power & Light Company.
5	Hill, Trumbull and North Star,		Partners - Mesaba-Cliffs Iron Mining Co.
5	Canisteo Mine,		Partners - Canisteo-Cliffs Mining Co.
5	Holman-Cliffs Mine,		Partners - Holman-Cliffs Mining Company.
1	Alexandria Mine,		Donner Steel Company.
1	Drew Mine,		Dohm Mining Company.
2	Alexandria, Hill-Trumbull, North Star and Wade Mines,		Arthur Iron Mining Company.
1	Holman-Brown and Canisteo Mines,		E. C. Congdon - Fee Owners.
1	Mesaba District,		M. H. Barber, District Superintendent.
1	Negaunee and Gwinn Districts,		W. W. Graff, Superintendent.
1	North Lake District,		C. J. Stakel, Superintendent.
1	Cliffs Shaft Mine,		C. J. Stakel, Superintendent.
1	Tilden, Holmes and Spies-Virgil,		W. R. Meyers, Superintendent.

LOOSE LEAVES.

Canisteo, Hill-Trumbull and Holman-Cliffs Mines, H. C. Bolthouse, Superintendent.  
Alexandria and Wade Mines, A. W. Rohn, Superintendent.

B. Maps of the Athens Mine have been sent to the Cleveland office for Pickands, Mather & Company each month. No maps of that part of the Athens Mine known as the Corbit Lease were sent out as there was no mining done in this area. The fee owners of the Mitchell Lease demanded no maps and none were sent.

For the fee owners of the Negaunee Mine, fourteen sets of the annual report prints of the 10th, 11th and 12th levels were sent to the Cleveland office.

Maps of the Roman Catholic Cemetery property at Negaunee were sent each month to R. S. Archibald, Negaunee, Engineer in charge.

Maps of the Moore and Chase Leases of the Morris Mine have been sent to R. S. Archibald, Negaunee, Engineer in charge, each month since June 1, 1930.

Five sets of the maps of the Virgil Mine have been sent to the lessors quarterly during the year.

Maps of the Mackinaw Mine have been sent to the lessors each month during the year.

C. REMARKS ON THE ABSTRACTS AND VARIOUS SUBJECTS FOR THE YEAR 1930.

All documents involving the transfer of Company lands under the Mining Department have been referred to the Engineering Department before execution. These documents have been entered on the records and the descriptions checked before being sent out for signature.

Following is a list of the various documents received during the year and filed; together with comments:

	NO. RECEIVED.	LAST FILE NO.
Land Offers, - - -	51	1845
Deeds and Miscellaneous,	50	1134
Easements, - - -	113	277
Rights of Way, - - -	4	211
Water Rights, - - -	4	57
Surface Leases, - - -	113	3129
Applications for Sale, -	1	108
Sales, - - - - -	3	478
Tax Histories, - - -	0	558
Legal Opinions, - - -	2	193

LAND OFFERS.

Most of the land offers were for mineral lands. These were reported on by the Geological Department.

DEEDS AND MISCELLANEOUS DOCUMENTS.

The documents entered under this heading involve the transfer of lands on the Mesaba Range covering the Holman-Cliffs properties; the Cliffs Power & Light Company covering the new transmission line East of Munising and other transfers of miscellaneous rights.

RIGHTS OF WAY.

These covered railroad rights of way on the Mesaba Range and certain public highways.

WATER RIGHTS.

These rights covered the Spies-Virgil Mine discharge water at Iron River, Michigan.

SURFACE LEASES.

During the year, the leasing of the surface of the Mining Department lands for garden and other purposes was turned over to the Land Department. Formerly each mine superintendent handled these matters but it was deemed best that one agency look after all of the Company's property in Michigan. The leases filed during the year consist of garden and farm leases prepared by the Land Department on lands under the jurisdiction of the Mining Department.

APPLICATIONS FOR SALES AND SALES.

The applications for sales and documents for sales of land were prepared by the Land Department and submitted to the Mining Department for approval.

ABSTRACTS OF TITLE.

There were no new abstracts added during the year to the regular abstract books. Considerable information was collected and preparations are under way for bringing all of the abstract books up to date. It will take some time to complete this work as it has to be subordinated to the regular work in the Department.

MICHIGAN STATE TAX COMMISSION.

Maps and estimates of the ore reserves at the various Michigan mines were prepared and sent to the State Tax Commission early in the year, as usual.

TAXES.

The tax lists of the Mining Department and Cliffs Power & Light Company were revised and copies sent to the Land Department, Tax Department and Mr. O. D. McClure. The delinquent tax lists of the various counties in the Upper Peninsula, in which the Mining Department and Cliffs Power & Light Company are interested, were checked to make sure that there were no mineral or water power lands offered for sale for taxes.

*Carl Brewer*

Chief Mining Engineer.

D. THE FORCE.

The following table shows the personnel of the Department during the year in the order of entrance:

NAME.	POSITION.	PERIOD EMPLOYED.
R. J. Chenneour,	Asst. Chief Engineer,	Entire year.
H. O. Moulton,	Engineer,	Six months.
J. Trosvig,	"	Entire year.
T. A. Miller,	"	" "
S. Malmgren,	Helper,	" "
K. C. Pellow,	Engineer,	" "
A. Minnear,	Engineer and Helper,	" "
C. W. Allen,	Engineer,	" "
E. Decaire, Jr.,	Helper,	" "
F. J. Haller,	Engineer,	Six months.
H. P. Nicholson,	Engineer,	Two months.
R. F. Bowers,	Helper,	Three months.
Leonard Bietala,	Helper,	Twenty days.

The following table shows the total working days, days of sickness, percentage of days worked, etc, for all men in the Department. The vacation column is net, without deducting over time, such as Sundays and holidays worked:

NAME.	DAYS WORKED.	DAYS VACATION.	DAYS SICK.	TOTAL DAYS.	PERCENTAGE DAYS WORKED.
R. J. Chenneour,	272	4	3	265	97
H. O. Moulton,	136½	0	1	137	100
T. A. Miller,	272	7	0	265	97
K. C. Pellow,	272	16½	1	255½	94
J. Trosvig,	272	7	0	265	97
C. W. Allen,	272	4½	0	267½	98
F. J. Haller,	152	6	0	146	96
A. Minnear,	272	0	0	276½	102
S. Malmgren,	272	1	2	269	99
E. Decaire, Jr.,	272	2½	0	269½	99

The following table gives the names of the men in the Department, the date of their employment and the years service:

NAME.	EMPLOYED.	YEARS OF SERVICE.
R. J. Chenneour,	January 1903,	28.
H. O. Moulton,	April 1910,	20 ¾.
J. Trosvig,	June 1911,	19¼ - left employ 3 months.
T. A. Miller,	January 1916,	15.
S. Malmgren,	May 1916,	13½ - laid off one year.
A. Minnear,	June 1917,	12½ - laid off one year.
K. C. Pellow,	January 1918,	13.
C. W. Allen,	June 1925,	5½.
E. Decaire, Jr.,	October 1926,	4¼.
F. J. Haller,	June 1930,	6 months.

The work performed by each man in the Department is described briefly as follows:

Reginald J. Cheneour, Assistant Chief Engineer, spent half of his time in connection with E & A No.10, Au Train Water Power. This work was principally surveys and estimates. From October 1st to December 24th, inclusive, he was in charge of the construction of the dam, earth fill and the new pipe line.

He spent sixteen days during the year on work in connection with E & A No.9, Cliffs Power & Light Company, transmission line to Inland Lime & Stone Company.

He spent four days in the Register of Deeds office at Marquette looking up ownership of lands.

He spent seven days making an estimate of ore in stock at the Algoma Steel Corporation.

In the office, he checked the engineering time books from 1904 to 1929, inclusive, to show the division of engineers time as against the Athens, Negaunee and Cleveland-Cliffs Iron Company.

He checked the delinquent tax lists with Mr. Meyers and Mr. Brewer. Most of his time in the office was taken up with regular routine work. He was underground  $11\frac{1}{2}$  days and spent 148 days in the field. Over half of the working year was spent in the field.

Below is a table showing the percentage of his time spent underground, in the field and in the office.

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
4	56	40	100

Henry O. Moulton, Engineer, was in charge of the engineering work at the Maas and Negaunee Mines until June 15th, at which time he was transferred to the Negaunee District as Efficiency Engineer.

For the Negaunee Mine, he made weekly surveys and noted and posted geology. At this mine he gauged the cage and skip runners to show the clearance. He made a time study of the motor haulage system.

On surface, he made surveys to grade additional stocking grounds East of the shaft.

For the Maas Mine, he made weekly surveys and noted and posted geology. He made surveys and gave lines for cutting the new 5th level plat and constructing the storage pocket on this level.

He made a time study of the motor haulage system at this mine.

In the office, most of his time was taken up with routine work in connection with the above mines.

He spent four days in Cleveland checking the ore estimate of the Corrigan, McKinney plant.

He was underground 59 days and spent 12 days in the field.



Below is a table showing the percentage of his time spent at the Negaunee and Maas Mines and on miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Negaunee,	23	2	23	48
Maas,	20	3	23	35
Miscellaneous,	0	4	2	6
Total,	43	9	48	100

Tom A. Miller, Engineer, did the engineering work at the Cliffs Shaft and Holmes Mines for the entire year.

For the Cliffs Shaft Mine, he made regular surveys, located all diamond drill holes and assisted the geologists with their underground work.

On the surface, he gave lines for additional stocking trestles, estimated the ore in stock and coal on hand.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

For the Holmes Mine, he made regular surveys and noted and posted geology up to November 1st, at which time this mine was transferred to the Oliver Iron Mining Company.

In the office, he prepared the annual report for this mine.

He made the stockpile estimate at the Francis Mine in the Gwinn District.

He assisted in making the ore estimate at the Algoma Steel plant at Sault Ste. Marie, Ontario.

He was underground 75 days and spent 23 days in the field.

Below is a table showing the percentage of his time spent at the Cliffs Shaft and Holmes Mines and on miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Cliffs Shaft,	17	3	45	65
Holmes,	11	1	18	30
Miscellaneous,	0	4	1	5
Total,	28	8	64	100

Kenneth C. Pellow, Engineer, did the engineering work at the Spies-Virgil and Gardner-Mackinaw Mines from January 1st to June 30th and for the Maas and Negaunee Mines from July to the end of the year.

At the Spies-Virgil Mine, he made regular surveys, noted and posted geology and located all diamond drill holes.

At the Mackinaw-Gardner Mine, he made regular surveys and gave lines for sinking the winze below the 4th level. At a point 100' below the 4th level, lines were given for cutting the new 5th level. Lines were also given on the 5th level for raising the stopes.

At the Maas Mine, he made weekly surveys and noted and posted geology

On surface, he estimated the ore in stock and the coal on hand and gave

lines for additional stocking trestle.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

At the Negaunee Mine, he made weekly surveys and noted and posted geology.

On surface, he gave lines for the new stocking trestle East of the shaft and estimated the ore in stock and the coal on hand.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

He was underground  $84\frac{1}{2}$  days and spent  $18\frac{1}{2}$  days in the field.

Below is a table showing the percentage of his time spent at the Mackinaw-Gardner, Spies-Virgil, Maas and Negaunee Mines and on miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Mackinaw-Gardner,	7	1	14	22
Spies-Virgil,	5	0	17	22
Maas,	10	3	15	28
Negaunee,	11	3	11	25
Miscellaneous,	0	0	3	3
Total,	33	7	60	100

John Trosvig, Engineer, did the engineering work at the Morris-Lloyd Mine the entire year and at the Spies-Virgil Mine from July 1st to November 1st, inclusive.

At the Morris-Lloyd Mine, he made weekly surveys, noted and posted geology and assisted the geologists with their underground work.

On surface, he estimated the ore in stock and the coal on hand and laid out additional stocking trestle.

In the office, in addition to his regular work, he made the Tax Commission estimate and maps and prepared the annual report maps.

For the Spies-Virgil Mine, he made regular surveys and located diamond drill holes.

On surface, he estimated the ore in stock.

He was underground 89 days and spent 18 days in the field.

Below is a table showing the percentage of his time spent at the Morris-Lloyd and Spies-Virgil Mines:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Morris-Lloyd,	31	5	55	91
Spies-Virgil,	2	1	6	9
Total,	33	6	61	100

Charles W. Allen, Engineer, did the engineering work at the Athens and Tilden Mines for the entire year and at the Mackinaw-Gardner Mine from July 1st to the end of the year.

At the Athens Mine, he made weekly surveys and noted and posted geology. He also made an analysis of the underground mine air and a study of the air currents for ventilation purposes.

On surface, he made a stockpile estimate and estimated the coal on hand.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

At the Tilden Mine, he made the necessary surveys, estimated the stripping done and located all churn drill holes. He also computed the blasting powder necessary for making the various blasts. He also made surveys, cross-sections and estimates for the new railway track to the East Tilden. Considerable work was done in connection with the East Tilden.

At the Mackinaw-Gardner Mine, he made regular surveys and gave lines for sinking the winze. Lines on the 6th level took a great deal of his time at this mine.

On surface, he estimated the ore in stock and the coal on hand and laid out additional stocking trestle.

In the office, in addition to his regular work, he made the Tax Commission estimate and maps and prepared the annual report maps.

He made the stockpile estimate at the Stephenson Mine.

He was underground 61 days and spent 51 days in the field.

Below is a table showing the percentage of his time spent at the Athens, Tilden, Mackinaw-Gardner and miscellaneous work:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Athens,	17	2	27	46
Tilden,	0	14	15	29
Mackinaw-Gardner,	7	2	9	18
Miscellaneous,	0	3	4	7
Total,	24	21	55	100

F. Joseph Haller, Engineer, was employed on June 9th. From that time until December 1st he assisted the engineers with their underground and surface surveys. He also assisted with the surveys for the Au Train dam.

In the office, he spent considerable time making maps of the new transmission line to the Inland Lime & Stone Company plant and did other mine and miscellaneous work.

On December 1st, he was put in charge of the engineering work at the Spies-Virgil Mine. For the Spies-Virgil Mine, he made the surveys in December.

In the office, he made the Tax Commission estimate and maps and prepared the annual report maps.

He was underground  $27\frac{1}{2}$  days and spent 30 days in the field.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
19	21	60	100

Archibald Minnear, Engineer and Helper, assisted the engineers with their underground and surface surveys and office work.

He made surveys in the field for the Cliffs Power & Light Company E & A No.9, Inland Lime & Stone Company transmission line.

He made field surveys for the Cliffs Power & Light Company E & A No.10, transmission line to Inland Steel Company's shaft.

He made surveys and estimates for the Cliffs Power & Light Company E & A No.10, Au Train Water Power.

He ran surveys for the new transmission line to the proposed marble quarry for the Cliffs Power & Light Company.

At the Athens Mine, he surveyed and mapped the surface fence lines.

He did some work, both in the field and in the office, on the City of Negaunss maps to bring them up to date.

He was underground  $13\frac{1}{2}$  days and spent 128 days in the field.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
5	46	49	100

Sextus Malmgren, Helper, assisted the engineers with their underground and surface surveys, took care of the steel measuring tapes and made blue prints.

About two months of his time was spent in the office making annual report and Tax Commission white prints and assisting with the photographing of the various annual report tracings.

He was underground 82 days and spent 31 days in the field.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
30	12	58	100

Ernest Decaire, Jr., was employed as helper and truck driver. He drove the Ford truck and helped the engineers with their underground and surface surveys.

In the office, he made blue prints, assisted in making the annual report prints and did other miscellaneous work.

He was underground  $49\frac{1}{2}$  days and spent 119 days in the field.

Below is a table showing the percentage of his time spent underground, in the field and in the office:

UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
18	44	38	100

EXTRA MEN.

Hugh P. Nicholson, Engineer, was employed from June 16th to August 16th, inclusive. His work consisted mainly of making surveys and maps in connection with the proposed Second Addition to the City of Negaunee. He also did some mine work and worked for  $4\frac{1}{2}$  days on the Cliffs Power & Light Company maps.

He was underground  $6\frac{1}{2}$  days and spent 16 days in the field.

Richard W. Bowers was employed as a helper from June 23rd to September 22nd, inclusive. He assisted the engineers with their surface surveys and did some office work. Most of his time was in connection with E & A No.10, Cliffs Power & Light Company Au Train surveys and estimates, and the proposed Second Addition to the City of Negaunee.

He spent 59 days in the field and  $9\frac{1}{2}$  days in the office.

Leonard Bietala, a helper, was employed a total of twenty days during the months of October, November and December. Seventeen days of this were in connection with E & A No.10 Cliffs Power & Light Company, Au Train, and three days on the marble quarry transmission line survey. His entire time was spent in the field.

E. The following table shows the percentage of time spent underground, in the field and in the office for mines in this District:

	UNDERGROUND.	FIELD.	OFFICE.	TOTAL.
Athens,	25	16	59	100
Maas,	30	15	55	100
Negaunee,	31	17	52	100
Cliffs Shaft,	40	8	52	100
Holmes,	33	11	56	100
Tilden,	0	50	50	100
Morris-Lloyd,	30	10	60	100
Spies-Virgil,	19	5	76	100
Mackinaw-Gardner,	40	8	52	100
Average,	28	15	57	100

F. The following table shows the distribution of time and the cost to the various mines and other work for the past three years:

MINES.	1928			1929			1930			PERCENT INCREASE.	PERCENT DECREASE.	1930 COST PER TON LABOR & SUPPLIES.
	LABOR.	TIME IN DAYS.	PER-CENT.	LABOR.	TIME IN DAYS.	PER-CENT.	LABOR.	TIME IN DAYS.	PER-CENT.			
Athens,	\$1850.71	22 6 <sup>1</sup> / <sub>2</sub>	7.8	\$2177.13	238 3/4	9.2	\$1994.90	223 3/4	8.0		1.2	\$ .006
Maas,	2524.21	243	10.6	2799.35	293 3/4	11.9	2268.90	225 1/2	9.1		2.8	.007
Negamsee,	2230.27	215 3/4	9.3	2130.33	205 3/4	9.0	2179.93	216 1/2	8.8		0.2	.004
Cliffs Shaft,	2514.94	286 1/2	10.5	3062.45	340 1/2	13.0	2988.01	322	12.0		1.0	.009
Holmes,	1695.74	192 1/2	7.1	1455.70	156	6.2	1408.07	145 1/2	5.6		0.6	.008
Ogden,	417.63	53 1/2	1.8	0	0		0	0				
Tilden,	850.53	113	3.6	1385.01	159 3/4	5.9	1388.29	152	5.5		0.4	.004
Morris-Lloyd,	3546.91	372	14.8	3425.78	346 1/2	14.5	3471.97	345 1/2	14.0		0.5	.009
Republic,	396.52	43 1/2	1.7	143.87	13	0.6	5.91		0		.6	
Spies-Virgil,	2126.83	217 1/2	8.9	1628.21	158	6.9	1420.83	142	5.7		1.2	.012
Gardner-Mackinaw,	1081.53	118 1/2	4.5	1765.76	184 1/2	7.5	1615.08	190	7.2		0.3	.016
<b>Total</b>	<b>\$19235.82</b>	<b>2082</b>	<b>80.6</b>	<b>\$19973.59</b>	<b>2096 1/2</b>	<b>84.7</b>	<b>\$18941.89</b>	<b>1963</b>	<b>75.9</b>		<b>8.8</b>	
<b>GWINN DISTRICT.</b>												
Austin Mine,	\$34.96	4 1/2	0.1	0	0	0	0	0	0			
Francis Mine,	110.22	12 1/2	0.5	44.73	5	0.2	37.60	5	0.1		0.1	
Stephenson Mine,	107.97	12	0.5	110.36	12	0.4	43.27	4 1/2	0.2		0.2	
Gwinn Townsite,	99.31	7 1/2	0.4	0	0	0	43.80	4 1/2	0.2	0.2		
<b>Total</b>	<b>\$352.46</b>	<b>36 1/2</b>	<b>1.5</b>	<b>\$155.09</b>	<b>17</b>	<b>0.6</b>	<b>\$124.67</b>	<b>14</b>	<b>0.5</b>		<b>0.1</b>	
<b>WATER POWER.</b>												
Cliffs Power & Light Co.	\$644.77	60 1/2	2.7	\$390.37	30	1.6	\$671.40	80 1/2	2.7	1.1		
C.P. & L.Co. E & A # 7,	0	0	0	50.85	4	0.2	0	0	0		0.2	
C.P. & L.Co. E & A # 9,	0	0	0	978.85	114	4.2	500.50	61 1/2	2.0		2.2	
C.P. & L.Co. E & A #10,	0	0	0	0	0	0	2958.66	299	11.8	11.8		
C.P. & L.Co. E & A #12,	0	0	0	0	0	0	234.22	28 1/2	1.0	1.0		
<b>Total</b>	<b>\$644.77</b>	<b>60 1/2</b>	<b>2.7</b>	<b>\$1420.07</b>	<b>148</b>	<b>6.0</b>	<b>\$4364.78</b>	<b>469 1/2</b>	<b>17.5</b>	<b>11.5</b>		
<b>MESABA DISTRICT.</b>												
Alexandria Mine,	0	0	0	0	0	0	\$5.90	1				
Boeing Mine,	\$22.06	3	0.1	0	0	0	0	0				
Canisteo-Cliffs Mine,	0	0	0	\$28.85	3 1/2	0.1	\$38.26	5	0.2	0.1		
Dean Mine,	0	0	0	0	0	0	6.50					
Hibbing Dis't Mng. Engr'g,	0	0	0	0	0	0	2.96					
Hill-Trumbull Mine,	76.21	10 1/2	0.3	71.71	8 1/2	0.3	50.51	7 1/2	0.2		0.1	
Holman-Cliffs Mine,	0	0	0	42.79	5	0.2	30.01	4 1/2	0.2			
Wade Mine,	66.88	9	0.3	40.24	5 1/2	0.2	55.81	6	0.2			
<b>Total</b>	<b>\$165.15</b>	<b>22 1/2</b>	<b>0.7</b>	<b>\$183.59</b>	<b>22 1/2</b>	<b>0.8</b>	<b>\$189.95</b>	<b>25</b>	<b>0.8</b>			
<b>SURVEYS AND CONTOURS.</b>												
Summit Exploration,	0	0	0	\$47.14	4 1/2	0.2	\$71.49	7	0.3	0.1		
Section 25, 47-27,	\$264.81	50	1.1	0	0	0	0	0			1.1	
Section 31, 48-26,	0	0	0	255.47	39 1/2	1.1	0	0				
Second Addition, City of Negamsee,	0	0	0	0	0	0	\$329.63	51 1/2	1.3	1.3		
<b>Total</b>	<b>\$264.81</b>	<b>50</b>	<b>1.1</b>	<b>\$302.61</b>	<b>44</b>	<b>1.3</b>	<b>\$401.12</b>	<b>58 1/2</b>	<b>1.6</b>	<b>0.3</b>		
<b>MISCELLANEOUS.</b>												
City of Negamsee,	\$53.16	9	0.2	\$26.67	3 1/2	0.1	\$72.80	13 1/2	0.3	0.2		
Abstracts,	1033.08	74	4.3	450.29	28 1/2	1.9	36.36	5	0.2		1.7	
E & A 504, Moving houses,	25.51	2	0.1	407.60	63	1.7	0	0			1.7	
E & A 513, Moving houses,	1110.71	175	4.7	17.39	2 1/2	0.1	0	0			0.1	
E & A 527, Maas Mine trestle,	648.59	54	2.7	0	0	0	0	0				
Ore Estimates,	264.69	22	1.1	422.74	34 1/2	1.8	221.30	18	0.9		0.9	
Maintenance of Locations,	0	0	0	176.58	14 1/2	0.8	0	0			0.8	
Burden Expense,	0	0	0	0	0	0	496.79	76	2.0	2.0		
Miscellaneous,	70.70	5	0.3	48.23	5 1/2	0.2	92.41	16 1/2	0.3	0.1		
<b>Total</b>	<b>\$3206.40</b>	<b>341</b>	<b>13.4</b>	<b>\$1549.50</b>	<b>152</b>	<b>6.6</b>	<b>\$921.66</b>	<b>129</b>	<b>3.7</b>		<b>2.9</b>	
<b>Grand total,</b>	<b>\$23869.41</b>	<b>2592 1/2</b>	<b>100.0</b>	<b>\$23584.45</b>	<b>2480</b>	<b>100.0</b>	<b>\$24944.07</b>	<b>2659</b>	<b>100.0</b>			

H. AUTOMOBILES.

The Ford station wagon was used until October when it was badly damaged by fire which occurred in the Cliffs Shaft Mine garage where it was kept. A new station wagon was purchased November 7th to take the place of the one burned.

The Dodge touring car~~x~~ was used until July 9th when a Ford four door sedan was purchased and the Dodge turned in for credit. The new station wagon and the Ford sedan were used the balance of the year in the Engineering Department.

I. MINES.ATHENS MINE.

Weekly surveys were made and all geology noted and posted. An analysis of the air in the mine was made and a study of the air currents determined for ventilation purposes.

On surface, the stockpiles were estimated and the coal on hand was measured.

MAAS MINE.

Regular weekly surveys were made and all geology noted and posted.

The skip and cage compartment runners were gauged to show clearance.

Lines were given for sinking the shaft to the proposed 6th level. Surveys were carried down to the new 5th level and lines given for cutting the plat and pump house and for drifting. Lines were also given on this level for cutting the storage pocket and its construction was supervised.

On surface, the stockpiles were estimated and the coal on hand was measured.

Lines were given for additional stocking trestle.

NEGAUNEE MINE.

Weekly surveys were made and all geology noted and posted. The cage and skip runners were gauged to check the allowable clearance.

On surface, surveys were made and grade stakes set to grade additional stocking room East of the shaft. After the grading was completed, lines were given for a new stocking trestle.

An estimate was made of the ore in stock and the coal on hand.

CLIFFS SHAFT MINE.

Regular surveys were made and all diamond drill holes were surveyed for location and dip. The geologists were assisted with their underground work.

On surface, stocking trestles were laid out.

The stockpile ore was estimated and the coal on hand was measured.

HOLMES MINE.

Regular surveys were made and geology was noted and posted on the maps.

One diamond drill hole was located.

Considerable work was done in the office in connection with depletion and the transfer of this mine to the Oliver Iron Mining Company. The Oliver Iron Mining Company took over the Holmes Mine on November 1, 1930.

TILDEN MINE.

Regular surveys were made to locate churn drill holes and estimate the stripping. Computations were made to determine the powder necessary for each blast.

At the East Tilden, diamond drill holes were located. A new track from the Tilden was surveyed and estimates of the cut and fill were made. The stripping done at the East Tilden was also estimated.

Some work was done in the office on depletion matters for the Tilden.

New Tax Commission maps were also prepared.

MORRIS-LLOYD MINE.

Regular weekly surveys were made and the geology noted and posted.

On surface, the ore in stock was estimated and the coal on hand measured.

In the office, estimates were prepared to be used for depletion purposes.

SPIES-VIRGIL MINE.

Regular surveys were made and all diamond drill holes located. A special survey was run to locate drifts along the Sherwood-Virgil boundary line.

On surface, a new stocking trestle was laid out, the ore in stock estimated and the coal on hand measured.

MACKINAW-GARDNER MINE.

Regular surveys were made at this mine. Lines were given for sinking a winze on the 4th level to the proposed 6th level. At a point 100' below the 4th level, lines were given for the new 5th level for drifting and raising in the stopes.

On surface, the stockpile was estimated and the coal measured. A new stocking trestle was also laid out.

J. MISCELLANEOUS.

GWINN DISTRICT.

Estimates were made of the ore in stock at the Francis and Stephenson Mines.

CLIFFS POWER & LIGHT COMPANY.

E & A NO.9, INLAND LIME & STONE CO. TRANSMISSION LINE.

Field surveys were completed for this line and in the office maps were prepared.

E & A NO.10, AU TRAIN WATER POWER.

Surveys were made and lines given for the new dam and pipe line. At the



South end of the Au Train basin, lines were given for a levee and cubic yards of material necessary to make the fill were estimated. Estimates were made each month to show the amount of material placed by the contractor.

At the main dam, supervision of construction was furnished during October, November and December.

E & A NO.12, TRANSMISSION LINE INLAND STEEL COMPANY SHAFT.

Surveys were made and maps prepared of this line.

CITY OF NEGAUNEE.

Some work was done on the City of Negaunee maps. This consisted of both field and office work.

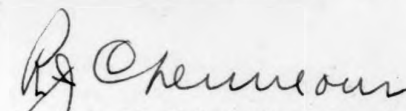
PROPOSED SECOND ADDITION TO THE CITY OF NEGAUNEE.

Surveys were made and concreted iron pins were set at the corners of the proposed addition. Maps, profiles and cross-sections were also prepared of the sewer and water lines, roads and alleys.

ORE ESTIMATES.

An estimate of the Cleveland-Cliffs Iron Company's ore in stock at the Algoma Steel Company's plant at Sault Ste. Marie, Ontario, was made.

An estimate was made of the ore in stock at the McKinney Steel plant at Cleveland.

  
Assistant Chief Engineer.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.

a. Workmen's Compensation

The direct work of the Compensation Department has been taken care of by Walter E. Johnson as has been done since January 1926. Mr. Johnson has been chief clerk of the Pension Department since June 15, 1911, except for the period of service in the World War.

The work has been cared for very satisfactorily.

The regular plan of seeing the injured men just as soon as possible has been followed and this has served to maintain the most friendly relations with the men, secure their signatures to the compensation agreements and keep them well satisfied with the Compensation Law.

The payments have been made promptly, the checks being delivered to them at the office when they are able to come for them from the Ishpeming Mines or delivered to them at the Hospitals or their homes when they are confined there.

In our outside districts the Mine Clerks do this work for us.

Following is a list of those cases requiring special attention during the year:

HERMAN KANTOLA - CLIFFS SHAFT MINE ACC. REP. #1051 $\frac{1}{2}$

Following the adverse ruling of the deputy commissioner, Kantola appealed his case to the full board and at a hearing held on February 19, 1930 his claim was again denied, the Board holding that he had not suffered an injury while in our employ. Kantola died on March 8, 1930, pneumonia being the cause. He had been living with a son, and we made a donation of \$150.00 to this son to help pay Herman's funeral expenses.

WAINO OJA - MAAS MINE ACC. REP. # 421

Oja suffered a severe fracture of the left arm on December 15, 1927 and he claimed that his arm has troubled him ever since. In November, 1928 we were able to get him to try to work and we paid him for partial disability until December of 1929 when he quit, saying that his arm was worse and that he was unable to continue. During the year we sent him to Dr. Sumner L. Koch, a Chicago specialist, who advised us that Waino's arm was in good shape and that he was able to work. Another unsuccessful attempt was made to get him to work and we then petitioned to stop compensation and the hearing of said petition was set for September 3, 1930. Shortly before this date Waino signed a final receipt and closed the case so the hearing was not held. Towards the end of the year Oja showed signs of insanity. It is planned to send him to Ann Arbor for examination to find if there is any connection between the injury and his present condition.

JOHN DELLANGELLO, SR - STEPHENSON MINE ACC. REP. # 724

This man was injured on June 22, 1925 and compensation was paid in the regular manner until October 20, 1927 when payments were stopped by an order of the Deputy Commissioner. On February 6, 1928 Dellangelo's claim for additional compensation was again denied by the Commissioner and no appeal was taken by him. Another petition of his came up for hearing on November 10, 1930 and he was awarded compensation for total disability from August 1, 1928 and, in view of the findings of our physicians, we did not appeal.

PENSION DEPT. ANNUAL REPORT YEAR 193011.  
a. Workmen's Compensation (continued)FATALITIES:

The following is a list of the fatalities which occurred during the year 1930, and shows the total cost of each.

<u>Peter Koskela</u> Age 49 years	<u>Athens Mine - Acc. Rep. # 324</u> Date of Accident - March 25, 1930 Fall of ground Dependent wife and 7 children Compensation at \$18.00 per week for 300 weeks ..... \$ 5400.00 Funeral Expense ..... 219.25 \$ 5619.25
<u>Eugene Laneville</u> Age 45 years	<u>Negaunee Mine - Acc. Rep. # 589</u> Date of Accident - June 20, 1930 Fall of ground One dependent, minor son Compensation at \$18.00 per week for 164 weeks ..... \$ 2952.00 Funeral Expense ..... 200.00 \$ 3152.00
<u>Leonard Hendrickson</u> Age 26 years	<u>Hill-Trumbull Mine - Acc. Rep. # 83</u> Date of accident - September 2, 1930 Skull crushed between deck and revolving body of locomotive crane. Dependent wife and 1 child. Compensation at \$14.25 per week with total payment of ..... \$ 7500.00 Funeral expense ..... 150.00 \$ 7650.00
<u>Joe Skorich</u> Age 36 years	<u>Canisteco-Cliffs Mine - Acc. Rep. # 3</u> Date of accident - September 17, 1930 Buried by dirt when trestle collapsed. No dependents Treas. State of Minnesota - Payment required when there are no dependents ..... \$ 200.00 Funeral Expense ..... 150.00 \$ 350.00
<u>Oscar Peterson</u> Age 26 years	<u>Morris-Lloyd Mine - Acc. Rep. # 762</u> Date of Accident - October 17, 1930 Struck by plank thrown from trestle Dependent wife and 1 child Compensation at \$15.80 per week for 300 weeks ..... \$ 4740.00 Funeral Expense ..... 200.00 \$ 4940.00

PENSION DEPT. ANNUAL REPORT YEAR 1930

11. a. Workmen's Compensation (continued)

Payments on account of the following fatal cases were completed during the year:

<u>Mine</u>	<u>Name</u>	<u>Acc. Rep. No.</u>	<u>Date of Acc.</u>	<u>Date of Final Payment</u>
Athens	Wm. Remillard	206	5/23/24	2/20/30
Barnes-Hecker	Nels Hill	157	11/ 3/26	2/ 5/30
Morris-Lloyd	George Salmi	619	9/20/24	6/21/30

The following is a list of the more serious cases occurring during 1930:

<u>Mine &amp; Rep.No.</u>	<u>Name</u>	<u>Nature of Injury</u>	<u>Compensation Paid</u>
Athens # 322	Edward Hooper	Comminuted fracture of right tibia and fibula	\$ 621.00
Cl.Shaft # 1052	Matthew Beckerleg	Compound comminuted fracture of right tibia	585.80
Holmes # 415	Joe Trudell	Fractured skull	626.40 *
Maas # 450	Abbo Niakonen	Loss of one half of left thumb.	540.00
Maas # 453	Edwin Vercellino	Loss of right little finger.	261.00
Maas # 454	Victor Tullila	Loss of right little finger.	271.13
Maas # 456	Onnie Jaurakainen	Potts fracture of left ankle	216.00 *
Morris-Lloyd # 756	Bert Forini	Fracture of internal malleus, left ankle	684.00
Morris-Lloyd # 758	Heltzy Oesti	Loss of half of right middle finger. Fractured right thumb	270.00
Morris-Lloyd # 759	Emil Lehtonen	Fracture of spinus process and laminal of 12th dorsal vertebra	468.00 *

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.

a. Workmen's Compensation (continued)

<u>Mine &amp; Rep.No.</u>	<u>Name</u>	<u>Nature of Injury</u>	<u>Compensation Paid</u>
Morris- Lloyd # 765	Herman Halso	Fracture of external and internal malleolus, right ankle. Torn internal ligaments	\$ 0.00 *
Negaunee # 588	John Herman	Shock. Injury to nerve and soft tissue of left lower arm.	233.55 *
Negaunee # 590	Bert Pemberthy	Fracture 1st lumbar vertebra. Fracture of left 4th & 5th ribs.	180.00 *
Negaunee # 591	Matt Bertino	Loss of left index finger.	144.00 *
Gard- Mack. # 67	George Villa	Comminuted fracture of left humerus	324.00 *
Sp.Virgil # 138	Andrew Kinnunen	Loss of right middle finger.	369.00 *

\* Denotes incomplete payments.

There were no lump sum payments made during the year.

As arranged for and begun in 1913, all compensation due in fatal cases and compensation to be paid in cases of injury for which a definite total amount is to be paid in accordance with the provisions of the compensation law was credited to an account called "Personal Injury Accounts Payable" and a corresponding charge was made against the mine at which the accident occurred and in the month of occurrence whenever possible, but if not, the charge, was made in the following month. The compensation payments to men in these cases or to the dependents are made in the regular way weekly and charged to this account.

In April 1928, a new plan was adopted. An account has been set up and called "Personal Injury Expense Reserve."

This Reserve is accumulated by setting up 2% of the payrolls. It was made retroactive to January 1, 1928.

This was made effective at all properties except the Boeing Mine, charges for this mine being made on old plan.

No future charges will be made to P. I. A. P. account. The present amounts still in this account to be paid out in the old manner until the account is exhausted.

On the following page will be found a statement showing the balance due in different accident cases occurring during the year 1925 to 1927 inclusive.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.  
a. Workmen's Compensation (continued)

BALANCE DUE PERSONAL INJURY ACCOUNTS PAYABLE, DECEMBER 31, 1930

<u>Year</u>	<u>Mine</u>	<u>Dependent receiving Compensation payment</u>	
1925	Morris-Lloyd	Exilda Mountjoy	\$ 322.00
1926	Republic	Ida Eckstrom	\$ 910.00
	Spies-Virgil	Rinaldo Feroni	1414.00
	Cliffs-Shaft	Mary Gustafson	714.00
	Spies-Virgil	Katie M. Mitchell	1260.00
	Stephenson	Teresa Paris	1120.00
	Cliffs-Shaft	Toini Setala, Guardian	<u>420.00</u>
			5838.00
1927	Stephenson	Carolina Delbello and Jacob Delbello, Guardian	1638.00
	Maas Crusher	Beatrice Fish	1854.00
	Morris-Lloyd	Andrew Niemi	746.28
	Ogden	Josephine Tatrault	<u>1190.16</u>
			<u>5428.44</u>
		THE CLEVELAND CLIFFS IRON COMPANY	11588.44

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.

a. Workmen's Compensation (continued)

The annual statement of Workmen's Compensation which is attached, shows the payments made during the year on account of accidents which occurred in 1930 and also those which occurred in the years 1922 to 1929.

In those cases for which a definite amount is still to be paid at the end of 1930, these amounts are set up in the column of the annual statement as "Compensation Still Pending."

In the case of some accidents, especially those which occurred late in the year, it is impossible to know definitely just how long the disability may continue and in those cases an estimate is made based on reports of the physicians and the corresponding amounts are included in "Compensation Still Pending." The number of such cases is small in comparison to the total so that the amount involved in these estimates does not effect the percentage of cost to a great extent.

The total amount of compensation to be paid after December 31, 1930 is \$179,423.71, this being the total for all mines of the Company.

Of the above amount there is pending for the years 1922 to 1929, \$156,813.51, and for the year 1930, \$22,610.20.

The compensation payments for accidents which occurred in 1930 including medical payments for the year amount to a percentage of .01254 of the year's payroll.

The rate of payments for medical and hospital service on account of Workmen's Compensation which was adopted in 1918 was 40¢ per man per month. This rate continued until July 1927 and a new rate was adopted beginning August 1, 1927 of 50¢ per man per month. In addition to this amount, there are occasionally cases in which a man has to be sent to a specialist and this medical service is also included in the statement.

The payments on account of Workmen's Compensation, including the payments to the physicians, are given in the following table for the years 1912 to 1930 inclusive.

PENSION DEPT. ANNUAL REPORT YEAR 1930

11.

a. Workmen's Compensation (continued)

Year	<u>C. C. I. Co.</u>	<u>Negaunee Mine Co.</u>	<u>Athens Ir. Mng. Co.</u>	<u>Cliffs Pr. &amp; Light Co.</u>	<u>Mesaba Cl. Ir. Mng. Co.</u>	<u>Holman Cl. M. Co.</u>	<u>Canisteco- Cl. Mng. Co.</u>	<u>Alexandria Mine</u>	<u>TOTAL</u>
1912	1073.81	105.08							1178.89
1913	13149.70	1152.67	27.15						14329.72
1914	27416.82	2840.13	446.63						30703.58
1915	15657.71	1699.28	656.07						18013.06
1916	32404.74	3496.75	672.29						36573.78
1917	45129.92	5301.30	911.46						51342.68
1918	43734.77	6196.93	1197.57						51131.27
1919	59417.51	11724.68	2234.77		263.00				73639.96
1920	59535.76	8886.01	2926.15		3057.46				74409.38
1921	59065.26	4709.80	5206.92		2953.08				71937.06
1922	56794.35	5283.24	2048.23		1866.67				65992.49
1923	57856.37	4142.00	5007.88		4874.48				71880.73
1924	56335.89	5487.07	6394.01		9406.59				77625.56
1925	49376.47	4464.79	8305.60		7316.55				69463.41
1926	51123.41	5433.85	7087.93	514.40	9537.84				73697.43
1927	86156.10	5311.69	5489.81	939.86	7147.98				105045.44
1928	87186.56	6532.66	6235.08	1831.30	4576.56	9.00			106371.18
1929	76959.01	8899.76	6303.92	1895.50	3557.86	292.83	4.50		97913.38
1930	<u>76753.51</u>	<u>10603.66</u>	<u>5803.45</u>	<u>1930.48</u>	<u>2531.15</u>	<u>1236.18</u>	<u>1357.05</u>	<u>1993.76</u>	<u>102209.24</u>
TOTALS:	955127.69	102275.55	66956.92	7111.54	57091.22	1538.01	1361.55	1993.76	1193456.24



PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.

a. Workmen's Compensation (continued)

The following table shows the percentage of compensation costs since the law went into effect, the percentage of non-fatal accidents on which compensation payments were made, and the percentage of the cases in which compensation payments were made of the total number of men employed:

	<u>Percentage of Payroll</u>	<u>Percentage of Compensable Accidents</u>	<u>Percentage of men paid compensation</u>
1912 (4 months)	.00648		
1913	.01104	42.88	8.06
1914	.0160	42.49	6.51
1915	.01095	36.26	6.63
1916	.01903	43.76	8.29
1917	.01268	41.71	7.64
1918	.01214	37.61	5.73
1919	.00901	48.71	8.15
1920	.0079	60.56	10.52
1921	.01444	64.53	9.79
1922	.01570	68.49	10.22
1923	.01590	61.67	10.23
1924	.01885	66.59	10.15
1925	.01613	69.61	10.19
1926	.07641	66.75	10.73
1927	.01356	68.24	6.55
1928	.01357	69.92	4.27
1929	.01616	74.12	3.02
1930	.01254	78.20	2.33

PENSION DEPARTMENTANNUAL REPORTYEAR 193011 A- Workmen's Compensation (continued)STATEMENT OF COMPENSATION PAYMENTS FROM  
JANUARY 1ST, 1930 TO DECEMBER 31ST, 1930.

Compensation paid on 1930 accidents	\$ 10765.58	
Compensation still pending	179423.71	
Cost of Medical and Hospital service	<u>18605.74</u>	
Total		\$ 208795.03
Less pendings for years 1922 to 1929 inclusive	156813.51	
Less medical paid on accidents occurring prior to January 1st, 1930.	<u>1423.24</u>	<u>158236.75</u>
Cost of 1930 Accidents		\$ 50558.28
Percentage of pay-rolls		.01254

A - Number of accidents on which compensation payments were made	61
B - Number of non-compensable accidents	17
C - Number of slight accidents which caused not over 1 day's lost time	404

10765.58

PENSION DEPARTMENT  
ANNUAL REPORT  
YEAR 1930

STATEMENT OF COMPENSATION PAYMENTS FROM  
JANUARY 1ST, 1930 TO DECEMBER 31, 1930

11. A	No. of Employees	No. of Fatal Accidents	No. of Non-Fatal Accidents			Act'l Comp. Paid in 1930	1922	1923	1924	1925	1926	1927	1928	1929	1930	Estimated Compensation still pending	Actual Payments to Physicians	Fatal Cases Pending	Injury Cases Pending
Personal Injury Accounts Payable						7816.68			350.00	728.00	4004.00	2734.68			11588.44		10	1	
Barnes-Hecker Per. Inj. Accts. Pay. Austin						30887.80				30887.80					48193.43		44	1	
Chief of Police	1					728.00									1764.00				
Cliffs-Shaft	316		2	1	63	3363.40			395.00			1872.00	429.60	666.80	13226.00	1951.25		3	
Cliffs-Shaft Laboratory	4														25.00				
District Welfare	5														30.00				
Francois						467.82									81.29				
Gardner-Mackinaw	120		1		21	324.00								324.00	1246.67				
General Storehouse	37														216.25				
General Welfare	5														32.50				
Geological Department	4														24.00				
Gwinn District Office	1														6.00				
Holmes	166		3		30	3672.77			375.37				2625.00	872.40	5495.05	1053.50	1	4	
Ishpeming Hospital	1		1		1	15.60									15.60				
Ishpeming Office	23														139.00				
Mass	264		10		17	7794.37			312.84	2184.00	630.00	930.80	2056.00	1680.73	14774.30	1653.00	2	6	
Maintenance of Locations	11														46.25				
Mechanical Engineering	5														30.00				
Mining Engineering	9														56.75				
Morris-Lloyd	244	1	9		64	3580.64			376.84	728.00			612.00	1863.80	11486.51	1493.00	2	6	
Morris-Lloyd Laboratory	4														24.00				
Munising Silica Sand Expl.															4.00			2	
Princeton						1439.36			728.00	711.56					5761.52				
Purchasing Department	6														35.00				
Republic	1					1734.84			140.00		728.00		866.84		9934.62	731.25		2	
Safety Department	2														12.00				
Shipping Department	6														36.00				
Spies-Virgil	84		2	1	9	423.00								423.00	396.00	498.75		2	
Stephenson	48					3161.67									11186.00			3	
Tilden	1		1		8	93.30								85.00	8.30	284.25			
Exploring Tilden Extension	5														30.75				
Workmen's Compensation	2														12.00				
The Cliffs Power & Light Company	27		1	2	4	1693.62					728.00		936.00		4018.00	236.86	2		
Negaunee	293	1	9	1	46	7809.88	27.80	728.00		728.00	151.68	336.00	1240.49	3026.03	1561.88	20735.52	2793.78	3	
Athens (P. I. A. P.)						126.00		126.00											
Athens	212	1	5		35	4391.45					828.60		130.60	1569.00	1863.25	10108.56	1286.00	1	
Total - Michigan Mines	1905	3	44	5	298	79724.20	37.80	2676.03	2779.84	3873.03	40240.08	6300.68	4104.73	10402.63	9309.33	168667.95	14066.10	65	
Alexandria	119		7	4	13	940.00					940.00				3080.00	1053.76	1		
Pontiac	1														5.50				
Wade	115		4	1	9	84.43								84.43	64.52	1042.12		1	
Hibbing District Office	27				1										153.75				
The Holman Cliffs Mining Co.	147		3	2	13	367.30								11.20	556.10	868.88			
The Canisteo Cliffs Mining Co.	142	1	3	1	45	694.67								694.67	662.33				
Boeing						898.56					898.56				282.24			1	
Hill-Trumbull	115	1	4	25		894.34							573.34	321.00	7329.00	739.25	1		
Total - Minnesota Mines	666	2	17	12	106	3979.30					1836.56			584.54	1456.20	10755.76	4539.54	2	
Total - All Mines	2571	5	61	17	404	83603.50	37.80	2676.03	2779.84	3873.03	42078.64	6300.68	4104.73	10987.17	179423.71	18605.74	67	46	

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11.

a. Workmen's Compensation (continued)

Each year a calculation is made for the cost of the accidents occurring that year. To the actual compensation for the accidents paid during the year is added the payments to be made in our fatal cases and also those to be made in case of a specific period of disability continuing beyond the year. Estimate is also made of the ordinary disability cases still continuing at the end of the year. These estimates are based on the duration of similar accidents in previous years. The large annual statement of Compensation Costs and Percentages of the Payroll include the Medical Expenses. The payment of \$ .50 per man per month is made regardless of whether there are any accidents or not, this amount being paid to the physicians to cover the cost of taking care of any accidents that may occur as provided for by the Workmen's Compensation Law. In addition to the regular medical payments of \$ .50 per man per month, there is occasionally an added medical payment due to sending a man away for special treatment or operation or having a physician come here for such services, but these amounts are only a small percentage of the total amount paid for medical service.

The following table shows the percentages of the payroll for the accidents which have occurred during the last ten years.

The average for the nine years, 1921 to 1929, is .01211. The percentage for 1930 was .00828. This is a reduction of 31.6% as compared with the average for the preceding nine years.

It takes some few years to show this reduction in the actual compensation cost of each year, as we are still paying for accidents which occurred in the year 1922, as the Workmen's Compensation Laws provide for a payment for a period of 500 weeks in certain disability cases.

COMPENSATION PAYMENTS AND PAYROLL PERCENTAGES

<u>Year</u>	<u>Total Cost</u>	<u>Medical</u>	<u>Compensation Payments</u>	<u>Percentage of Payrolls</u>
1921	\$ 52253.07	\$ 14982.87	\$ 37270.20	.01629
1922	42090.73	11765.36	30325.37	.01131
1923	63360.07	15266.32	48093.75	.01207
1924	69889.27	15893.22	53996.05	.01456
1925	56544.37	15814.74	40729.63	.01162
* 1926	81204.83	15391.11	65813.72	.01849
1927	44730.22	13839.54	30890.68	.00936
1928	40824.87	12665.85	28159.02	.00936
1929	53642.17	13985.84	39656.33	.01195
Average 9 Years	.	.	.	.01211
1930	50558.28	17182.50	33375.78	.00828

\* Barnes-Hecker Disaster not included in these calculations.

PENSION DEPT. ANNUAL REPORT YEAR 1930

11.

a. Workmen's Compensation (continued)MICHIGAN COMPENSATION LAW

No change in the law or ruling have been made during the year. The Commissioners of the Department of Labor and Industry have remained the same as for the last two years.

Eugene J. Brock, Chairman  
 Samuel H. Rhoads  
 Theo. T. Jacobs  
 Isabel Larwill  
 John S. Boer, Secretary

Mr. Samuel McGregor has continued as Deputy Commissioner for this district and has been a very satisfactory Commissioner.

During the process of writing this report our new Governor has relieved Mr. Brock of his position in the Department of Labor and Industry and has appointed Mr. Samuel H. Rhoads as Chairman and Samuel J. Beatty, former Deputy Commissioner, has been appointed as one of the Department officials in charge of Labor.

MINNESOTA COMPENSATION LAW

There have been no changes made in the law or rulings during the year. The Industrial Commission remains as it has been for several years.

Henry McColl, Chairman  
 J. D. Williams  
 F. A. Duxbury, In special charge of the Division of  
 Workmen's Compensation.  
 F. N. Could, Secretary

The following table shows the principal items of the changes made at different periods as affecting our properties:

	When Law went into effect <u>Sept. 1, 1912</u>	As amended in effect <u>Aug. 14, 1919</u>	In effect <u>Aug. 18, 1921</u>	In effect <u>Sept. 4, 1927</u>
<u>MICHIGAN LAW</u>				
Percentage of weekly wages	50	60	60	66-2/3
Maximum weekly compensation	\$10.00	14.00	14.00	18.00
Minimum weekly compensation	4.00	7.00	7.00	7.00
Waiting Period	2 weeks	1 week	1 week	1 week
Waiting period picked up at end of	8 weeks	6 weeks	6 weeks	6 weeks
Maximum death payment	\$3000.00	4200.00	4200.00	5400.00
Maximum compensation for total disability	4000.00	6000.00	7000.00	9000.00

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.  
a. Workmen's Compensation (continued)

<u>MINNESOTA LAW</u>	When Law went into effect <u>Oct.1, 1913</u>	As Amended Apr. 26th <u>1919</u>	As amended June 6th <u>1921</u>	In effect since <u>Oct.1, 1923</u>
Percentage of weekly wages	50	66-2/3	66-2/3	66-2/3
Maximum weekly compensation	\$ 10.00	15.00	18.00	20.00
Minimum weekly compensation	6.00	6.50	8.00	8.00
Waiting Period	2 weeks	1 week	1 week	1 week
Waiting Period picked up at end of	-----	-----	4 weeks	4 weeks
Maximum death payment	\$ 3000.00	4500.00	7500.00	7500.00
Maximum compensation for total disability	4000.00	5000.00	10000.00	10000.00

PENSION DEPT. ANNUAL REPORT YEAR 1930

11.

b. Benefit Funds

The general Benefit Funds were wiped out during the year 1927, and a complete report is shown in the annual report for that year.

Reference is made here so that this statement may be readily located at any time.

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11.

c. Workmen's Compensation -- Barnes-Hecker

BARNES-HECKER

The work of looking after the dependents of the Barnes-Hecker men has continued in the same manner as in previous year with general satisfaction.

Lump sum payments have been made to the following:

- |                         |  |
|-------------------------|--|
| MARY VALENTI-KESKEY -   | Taking care of unpaid household expenses.  |
| EVANGELINE DEROCHA -    | Assistance in tuition of one of the daughters who was taking a special course in preparation for teaching. |
| MAY HILL-LAFORGE -      | Small payment for household expenses.  |
| AMANDA SANTTI-WAKKURI - | Small payment for clearing off of household expenses.  |

During the year one widow has remarried, Mrs. Hilma Aho, who is now Mrs. Uno Anderson, residing in Republic. Eight of the widows have remarried and one died.

A special donation payment equalling the compensation payments has been made every two weeks to the widows and dependents in this country and at the same intervals to the one in England and the three in Finland that the regular compensation payments are made.

We have advised all of these people to be as careful of the money as possible and that they should endeavor to save a considerable proportion of it to help provide for the future.

On the following sheets is shown the amounts of Compensation and Donations apportioned to each family, the amounts paid and the balance to be paid.

The compensation payments began on November 5, 1926, and the Donations on January 1, 1927.



PENSION DEPT.      ANNUAL REPORT      YEAR 1930

11.      c. Workmen's Compensation

<u>BALANCE DUE BARNES-HECKER P. I. A. P.</u>		<u>December 31, 1930</u>			
	Compensation Payable	Paid to 12/31/30		Interest on Lump Sum Payts.	Balance Due
Herman Aho	4200 00	3010 00			1190 00
Peter Carlyon	4200 00	2188 67		2011 33*	0 00
Raymond Carlyon	1218 00	634 71		583 29*	0 00
William Carlyon	4200 00	3024 00			1176 00
Edwin Chapman	4200 00	3010 00			1190 00
Herman Chapman	2172 00	1556 60			615 40
Thomas Drew	2100 00	1512 00			588 00
Peter Derocha	4200 00	3010 00			1190 00
Earl J. Ellersick	4200 00	3010 00			1190 00
Gust Frendi	4200 00	3024 00			1176 00
Joseph Gelmi	4200 00	3010 00			1190 00
James Greene	4200 00	3010 00			1190 00
Henry Haapala	4200 00	3024 00			1176 00
Jack J. Hanna	4200 00	3010 00			1190 00
Arvid Heino	4200 00	3010 00			1190 00
Nels Hill	4200 00	3950 50		249 50	0 00
William Huot	4200 00	3157 00			1043 00
William Kakkuri	1218 00	1144 62		73 38	0 00
Arvid Kallio	4200 00	3024 00			1176 00
Thomas Kirby, Sr.	4200 00	3024 00			1176 00
Thomas Kirby, Jr.	4200 00	3024 00			1176 00
Uno Koskinen	4200 00	3024 00			1176 00
Theodore Kiuru	1446 00	1041 12			404 88
Ed. Laituri	4200 00	3024 00			1176 00
George Lampshire	4200 00	3024 00			1176 00
Richard Lampshire	4200 00	3010 00			1190 00
John Luoma	4200 00	3024 00			1176 00
Emil Mackie	4200 00	3010 00			1190 00
Joseph Mankee	1218 00	1200 78		17 22	0 00
Walter Mattila	4200 00	3024 00			1176 00
Solomon Myllymaki	4200 00	3010 00			1190 00
Peter Mongiat	4200 00	3024 00			1176 00
Sam Phillippi	4200 00	3024 00			1176 00
W. Harry Quayle	4200 00	3010 00			1190 00
Elias Ranta	4200 00	3565 29		116 71	518 00
John Santti	4200 00	3024 00			1176 00
James Scopel	4200 00	3024 00			1176 00
Clement Simoneau	4200 00	3010 00			1190 00
Nestor Sulonen	4200 00	3024 00			1176 00
Eric Timo	4200 00	3024 00			1176 00
Walter Tippet	4200 00	3024 00			1176 00
William F. Tippet	4200 00	3010 00			1190 00
William Tuomela	4200 00	3010 00			1190 00
Louis Turdell	4200 00	3024 00			1176 00
Nick Valenti	4200 00	3010 00			1190 00
Solomon Walimaa	4200 00	3427 93		58 07	714 00
Harvey Wepsala	1977 00	1416 85			560 15
John Wiljanen	4200 00	3024 00			1176 00
William Hill	4200 00	3010 00			1190 00
Wilfred Wills	1372 00	1372 00			0 00
	189121 00	137818 07		3109 50	48193 43

\* Dependent died. Unexpended balance.

STATEMENT SHOWING "DONATED COMPENSATION" CHARGED TO  
BARNES-HECKER DISASTER EXPENSE TO DECEMBER 31st. 1930.

Year 1927 . . . . .		32717.33	
Year 1928 . . . . .		32543.16	
Year 1929 . . . . .		37865.53	
To March 28th, 1930		8931.81	
To June 20th, 1930		7654.69	
To Sept. 26th, 1930		8125.66	
2 Wks. 9-27-30 to 10-10-30 - - -	1151.42		
2 " 10-11-30 " 10-24-30 - - -	1137.42		
2 " 10-25-30 " 11- 7-30 - - -	1123.42		
2 " 11- 8-30 " 11-21-30 - - -	1303.45		
2 " 11-22-30 " 12- 5-30 - - -	1123.42		
2 " 12- 6-30 " 12-19-30 - - -	1123.42	6962.55	31674.71
			134800.73

Discount on Lump Sum Payments:

	<u>1929</u>	<u>1930</u>	
Clara Huot . . . . .	168.77	.92	
Amanda Ranta . . . . .	173.60		
Mary Walimaa-Bessonon . . . . .	131.28		
" " " . . . . .	34.45		
E. M. Pope . . . . .	42.86		
V. Durocha . . . . .	41.67		
Mary Valenti-Keskey . . . . .		39.58	
" " " . . . . .		24.62	
V. Durocha . . . . .		4.11	
" " . . . . .		3.88	
" " . . . . .		3.64	
" " . . . . .		3.40	
" " . . . . .		3.10	
" " . . . . .		2.92	
" " . . . . .		4.28	
Mary Hill-Laforge . . . . .		17.79	
Nanna Santti-Wakkuri . . . . .		15.97	
	592.63	124.21	716.84

Amount Charged Off

Sarah J. Carlyon . . . . .	1960.00	
" " . . . . .	568.40	2528.40
		138045.97

STATEMENT SHOWING DONATED COMPENSATION CHARGED TO  
BARNESHECKER DISASTER EXPENSE TO DECEMBER 31st, 1930.

Case No.		Donations Payable	Weekly Compensation	Amounts Paid				Interest Charged	Amounts Charged Off		Total	Balance Due
				1927	1928	1929	1930					
1	Hilma Aho-Johnson	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
2	Sarah J. Carlyon	4200 00	14 00	714 00	728 00	798 00	--		1960 00	4200 00	--	
3	Sarah J. Carlyon	1218 00	4 06	207 06	211 12	231 42	--		568 40	1218 00	--	
4	Elly Carlyon	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
5	Elsie Chapman-Peck	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
6	Elsie Chapman-Peck	2172 00	7 24	369 24	376 48	376 48	376 48			1498 68	673 32	
7	Elizabeth E. Drew	2100 00	7 00	357 00	364 00	364 00	364 00			1449 00	651 00	
8	Vangelina Durocha	4200 00	14 00	714 00	728 00	1036 33	1024 67	67 00		3570 00	630 00	
9	Sarah Ellersick-Ellersick	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
10	Anna Frendi	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
11	Emma Gelmi	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
12	Mary Greene-Gaboury	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
13	Ina Haapala	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
14	Florence M. Hanna	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
15	Toini Heino	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
16	May Hill-Lafarge	4200 00	14 00	714 00	728 00	728 00	892 21	17 79		3080 00	1120 00	
17	Clara Huot	4200 00	14 00	714 00	728 00	2239 23	349 08	169 69		4200 00	--	
18	Einar Mantila, Administrator	400 00		400 00						400 00	--	
19	Fiina Kakkuri	1218 00	4 06	207 06	211 12	211 12	211 12			840 42	377 58	
20	Sanna Kallio	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
21	Anna Kirby	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
22	Bertha Kirby	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
23	Viana Koskinen	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
24	John Kiuru	1446 00	4 82	245 82	250 64	250 64	250 64			997 74	448 26	
25	Alli Laituri	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
26	Alice Lampshire-Lawson	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
27	Esther Cowling, Guardian	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
28	Ellen Luoma	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
29	Lempie Mackie	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
30	Elizabeth M. Pope	1218 00	4 06	207 06	211 12	755 96	--	42 86		1218 00	--	
31	Lempie E. Mattila	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
32	Mini Myllimaki	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
33	Valentina Mongiat	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
34	Mary Phillippi	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
35	Louisa Quayle	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
36	Amanda Ranta	4200 00	14 00	714 00	728 00	2332 40	252 00	173 60		4200 00	--	
37	Nanna Santti-Wakiauri	4200 00	14 00	714 00	728 00	728 00	908 03	15 97		3094 00	1106 00	
38	Frances Scopel	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
39	Elna Simoneau	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
40	Matilda Sulonen	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
41	Amalia Temo	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
42	Marian Tippet-Hill	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
43	Nellie Tippet	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
44	Florence Tuomela	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
45	Delia Trudell	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
46	Mary Valenti-Keskey	4200 00	14 00	714 00	728 00	728 00	1349 80	64 20		3584 00	616 00	
47	Mary Walimaa-Bessonon	4200 00	14 00	714 00	728 00	1990 27	602 00	165 73		4200 00	--	
48	Adam Wepsola	1977 00	6 59	336 09	342 68	342 68	342 68			1364 13	612 87	
49	Frank Wickman	400 00		400 00						400 00	--	
50	Eliina Wiljanen	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
51	Elizabeth Hill	4200 00	14 00	714 00	728 00	728 00	728 00			2898 00	1302 00	
		188549 00		32717 33	32543 16	37865 53	31674 71	716 84	2526 40	138045 97	50503 03	

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

a. Pension System

The year 1930 completed the twenty-second year of the operation of the Pension System.

The following pensions were granted during the year:

<u>No.</u>	<u>Name</u>	<u>Mine</u>	<u>Date Pen- sion Began</u>	<u>Monthly Payment</u>
240	C. J. Shaddick	Gen. Office	Jan. 1, 1930	\$100.00
241	W. Harry Brewer	Holmes	Jan. 1, 1930	30.56
242	Emil J. Olson	Cliffs-Shaft	Jan. 1, 1930	37.04
243	John A. Johnson	Cliffs-Shaft	Jan. 1, 1930	25.73
244	Frank Williams	Holmes	Feb. 1, 1930	24.71
245	Charles Belanger	Negaunee	Mar. 1, 1930	28.79
246	Sinai Nault	Morris-Lloyd	Mar. 1, 1930	29.25
247	Carl V. Larson	Cliffs-Shaft	Apr. 1, 1930	28.34
248	Fred J. Baker	Cliffs-Shaft	Dec. 1, 1930	93.40

The following Old Age. Pensions ceased during the year:

<u>No.</u>	<u>Name</u>	<u>Date Pensioned</u>	<u>Date Died</u>
97	Paul Beudet	Jan. 1, 1920	Feb. 15, 1930
147	John Chillman	June 1, 1921	Mar. 15, 1930
136	John H. Skews	Aug. 1, 1921	July 8, 1930
247	Carl V. Larson	Apr. 1, 1930	July 23, 1930
98	Robert Uren	Apr. 1, 1920	Aug. 28, 1930
205	John F. Anderson	Mar. 1, 1927	Oct. 11, 1930
175	John E. Carlson	Sept. 1, 1924	Dec. 15, 1930

	<u>1929</u>	<u>1930</u>
Number of pensions granted during the year	8	9
Number of deaths	12	7
Number of Old Age Pensions in force Dec. 31.	118	120
Average Annual Pension	432.88	447.62

\*\*\*\*\*

Mike Tierney, No. 19, was put on the Furnace Department Pension Roll beginning December 1, 1929.

On December 31st, there were ten pensioners on the Furnace Department Roll with an average annual pension of \$521.55.

No deaths were reported during the year.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.  
a. Pension System (continued)

Total amount paid to Old Age Pensioners, 1908 to 1930 inclusive:

Mining Department	\$	465,833.42
Furnace Department		38,590.98
	\$	504,424.40

Total amount paid to Widows and Orphans, 1908 to 1930 inclusive:

Mining Department	\$	22,547.00
Furnace Department		900.00
	\$	23,447.00
Total Pension Payments	\$	527,871.40

Mining Department pensions paid in 1930 were as follows:

Old Age Pensions	\$	53,779.24
Widows and Orphans		0.00
	\$	53,779.24

Pension payments for the years 1908 to 1930 inclusive are as follows:

<u>MINING DEPARTMENT</u>		<u>Old Age</u>	<u>Widows &amp; Orphans</u>	<u>Total</u>
<u>Year</u>				
1908	\$	69.10	\$ 48.00	\$ 117.10
1909		351.92	464.00	815.92
1910		896.44	1043.00	1939.44
1911		1690.37	2649.00	4339.37
1912		3865.95	3113.00	6978.95
1913		5133.62	3025.00	8158.62
1914		6179.57	3403.00	9582.57
1915		7910.35	2372.00	10282.35
1916		8787.02	1694.00	10481.02
1917		9327.22	1266.00	10593.22
1918		8889.14	944.00	9833.14
1919		9605.02	888.00	10493.02
1920		12613.29	814.00	13427.29
1921		21856.64	14.00	21870.64
1922		29063.85	168.00	29231.85
1923		29564.57	168.00	29732.57
1924		31987.64	168.00	32155.64
1925		34926.34	163.00	35089.34
1926		38924.88	143.00	39067.88
1927		45841.03	0.00	45841.03
1928		51869.03	0.00	51869.03
1929		52701.19	0.00	52701.19
1930		53779.24	0.00	53779.24
		465833.42	22547.00	488380.42

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.      a. Pension System (continued)

FURNACE DEPARTMENT

The Pension payments for the years 1910 to 1929 inclusive are as follows:

<u>Year</u>	<u>Old Age</u>	<u>Widows &amp; Orphans</u>	<u>Total</u>
1910	\$ 111.75	0.00	\$ 111.75
1911	268.20	\$ 120.00	388.20
1912	268.20	180.00	448.20
1913	268.20	180.00	448.20
1914	268.20	180.00	448.20
1915	268.20	180.00	448.20
1916	268.20	60.00	328.20
1917	268.20	0.00	268.20
1918	268.20	0.00	268.20
1919	130.55	0.00	130.55
1920	223.80	0.00	223.80
1921	781.63	0.00	781.63
1922	1118.04	0.00	1118.04
1923	1179.38	0.00	1179.38
1924	2085.82	0.00	2085.02
1925	2833.39	0.00	2833.39
1926	5351.35	0.00	5351.35
1927	4819.73	0.00	4819.73
1928	5481.50	0.00	5481.50
1929	6137.02	0.00	6137.02
1930	<u>6191.42</u>	<u>0.00</u>	<u>6191.42</u>
	<u>38590.98</u>	<u>900.00</u>	<u>39490.98</u>

At the present time the pensioners on our payrolls live in the following localities:

MINING DEPARTMENT

Ishpeming	71	Green Bay, Wisconsin	1
Negaunee	12	Detroit Lakes, Minnesota	1
Gwinn	13	Virginia, Minnesota	1
Marquette	5	Milaca, Minnesota	1
Little Lake	1	Springfield, Massachusetts	1
Michigamme	1	Waterbury, Connecticut	1
Pelkie, Baraga County	1	Oceanside, California	1
Highland Park	1	Richmond, California	1
Detroit	1	Escondido, California	1
Farmington	1	Kingsburg, California	1
Flint	1	Canada	2
Muskegon	1		

FURNACE DEPARTMENT

Gladstone	3	Marquette	3
Kipling	3	Skandia	1



PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

a. Pension System (continued)

PENSION FUND

BALANCE BY COMPANIES & DEPARTMENTS

	<u>Total to December 31, 1930</u>		
	<u>RESERVE</u>		
	<u>SET UP</u>	<u>PAYMENTS</u>	<u>BALANCE</u>
<u>MINE DEPARTMENT</u>			
The Cleveland-Cliffs Iron Co.	\$ 286,709.11	460,294.00	173,584.89
The Negaunee Mine Company	41,112.24	30,264.70	10,847.54
The Athens Iron Mining Co.	17,691.28	-	17,691.28
Republic	81,985.97	94,414.46	12,428.49
Total Mine Department	427,498.60	584,973.16	157,474.56
<u>FURNACE DEPARTMENT</u>			
The Cleveland-Cliffs Iron Co.	62,787.04	39,490.98	23,296.06
<u>LAND DEPARTMENT</u>			
The Cleveland-Cliffs Iron Co.	19,223.56	1,333.44	17,890.12
Bunker Hill Mining Company	1.07	-	1.07
Munising Railroad Company	5.63	-	5.63
Michigamme Company	9.98	-	9.98
Total Land Department	19,240.24	1,333.44	17,906.80
<u>LUMBERING DEPARTMENT</u>			
The Cleveland-Cliffs Iron Co.	39,114.92	5.00	39,109.92
 <u>GRAND TOTAL ALL DEPARTMENTS</u>			
	548,640.80	625,802.58	77,161.78
 <u>Plus Interest:</u>			
The Cleveland-Cliffs Iron Co.	99,407.35		
Republic Mine	14,914.03		
TOTAL INTEREST			114,321.38
TOTAL PENSION FUND			37,159.60

S U M M A R Y

The Cleveland-Cliffs Iron Company Pension Fund	34,674.06
Republic Mine - Pension Fund	2,485.54
TOTAL PENSION FUNDS	37,159.60



PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

b. Republic Mine Funds

The following statement is made a part of this report to complete the record of the Republic Mine Funds. According to the action of the members at a meeting held in Republic on September 3, 1927, these funds have been paid out during the years 1928 and 1929, with the exception of a small amount left in the savings account of both the Republic Relief and Sick Benefit and Republic Fatal Accidents Funds, to provide against the possibility of other men being located or their relations to whom these payments can be made.

The balance amounting to \$3000.00 was turned over to the Marquette Branch of the American Red Cross on October 30, 1929, to be held by them for Red Cross emergency relief in Republic Township. Following the data in regard to the original method of handling of the funds will be found complete financial statements of the funds and payments made.

The actual work of the disbursement of funds has been in the hands of George C. Drew.

Late in the summer the school board at Republic investigated the matter of heating the hospital building from the school building which is quite closely adjacent as they wished to make use of the hospital building for Red Cross clinics and school examinations of the pupils for which they did not have facilities in the school building. They had authority to heat the building for this purpose and it also was to provide better office facilities for Dr. VanRiper who was looking after the medical work of the district as well as of the school children. The matter was considered a Red Cross service to the community and was clearly in accordance with the resolution passed in regard to the balance of the Benefit Fund which was turned over to the Red Cross to be used for any purpose approved by them for Republic Township. It was finally decided to put in a new heating boiler in the hospital building as it was found impracticable to heat it from the school boiler. The cost of this amounted to \$1078.00 and was paid out of the Red Cross funds in the hands of Mr. E. S. Bice, Treasurer, at Marquette.

At the time the \$3000.00 was turned over to the Red Cross, a small balance was retained in the savings deposit at the Miners National Bank at Ishpeming to take care of outstanding checks and for the payment of some former members who were being looked up and whom it was thought possibly might eventually be located.

During the year some checks have been presented and the statement of these payments and the fund is shown on following statement.

The annual report of 1928 shows a complete record of the meeting at which the plan of disposal of the funds was adopted.

When we took over the Republic Mine on May 1st, 1914, the Republic Iron Company had in its possession as Trustee for the men, the following funds:

Sick Benefit Fund	\$	.75
Relief Fund		990.87
Fatal Accident Fund		6132.79

On November 16th, 1914, these funds were accepted by our Company as Trustees for the men, and interest has been credited on balances at the rate of 4 per cent.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

b. Republic Mine Funds (continued)

When these funds were turned over to us, the Fatal Accident Fund had been reduced by \$200.00 which had been paid to Mrs. Anne Sirtalo, on account of the death of her husband which had occurred shortly before we had purchased the property.

The funds were for the following purposes:

SICK BENEFIT FUNDS

Sick Benefits have been paid to men who were off on account of sickness and on the following basis: \$15.00 per month to each man off on account of sickness, but if there is not sufficient funds for this purpose in any month, the amount on hand is divided proportionally between these entitled to sick benefit. The men contribute 20 cents per man per month to this Fund.

FATAL ACCIDENT FUND

This fund was provided to make a payment, in case of a mine fatality of \$200.00, this to cover the funeral expenses and other items of expense which might have been incurred.

Originally the men paid 20 cents per month and the company contributed an equal amount. On August 31, 1899, the Company discontinued its contribution to this Fund and the collections from the men ceased on December 31, 1908.

RELIEF FUND

At the time the property was purchased by our Company, the Relief Fund operated the Hospital.

For many years \$1.30 of the money collected from the men was paid to the Relief Fund.

On May 1, 1913, the contribution of the men to this Fund was reduced to \$1.20.

In April of 1914 the Company began its contribution of 10 cents per man per month on account of Workmen's Compensation, the contribution at that time to cover the first three months of 1914.

From this Relief Fund there was paid:

1. The running expenses of the hospital.
2. 70 cents per man per month to the physician as salary for his services.
3. Benefit payments for the first two weeks of disability caused by a mine accident, this payment being at the rate of 80 cents per day for each working day lost.

On September 1, 1916, this plan of operation of the Hospital was changed and it was put on the same basis as our other Hospitals, the physician conducting the hospital on his own account, receiving for his services, the amounts paid by the men for the medical service for themselves and family and the amounts paid by the Company to cover the care of injured men under the provisions of the Compensation Law.

Since this change was made, the men have continued their payments to the Relief Fund on the basis of 30 cents per man per month and payments are made from this Fund during the first two weeks of disability on account of accident.

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

b. Republic Mine Funds (continued)

When the Republic Mine has been operated on a full time basis, there has been collected on the payroll \$1.60 per man per month which is distributed as follows:

First: \$1.10 to resident physician.  
Second: .50 to Relief and Sick Benefit Fund.

The payment continued to the first of August 1927 at which time the rate of payment to the Doctor for medical serviced was changed to \$1.25.

Formerly, of the contribution above paid, \$ .50 was divided into 20¢ to the Sick Benefit Fund and 30¢ to the Relief Fund. On February 1st, 1922, the Sick Benefit Fund and the Relief Fund were combined into one fund called the Relief and Sick Benefit Fund, their purpose being so similar.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.  
b. Republic Mine Funds.

STATEMENT OF FUNDS REMAINING IN REPUBLIC MINE RELIEF AND SICK  
BENEFIT FUND "SAVINGS ACCOUNT" AS OF DECEMBER 31st. 1930.

Balance on hand in "Savings Acct." as of Dec. 31, 1929	\$ 55.08
Interest on Funds during the year 1930	<u>1.62</u>
TOTAL	\$ 56.70

DEBITS TO "SAVINGS ACCOUNT"

The following old Outstanding checks have been cashed by the Bank during the year 1930, through this "Savings Acct." Our "Checking Acct." was closed out in 1929.

Check # 706	Mrs. Jennie Pertunen - - -	\$ .29
" 794	Walter Ritala - - -	.13
" 795	Alfred Rittala - - -	<u>1.21</u>
Total Debits to "Savings Account"		<u>1.63</u>
Balance as per Bank Balance of Dec. 31, 1930		\$ 55.07

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.  
b. Republic Mine Funds

STATEMENT OF FUNDS REMAINING IN THE REPUBLIC MINE FATAL  
ACCIDENT FUND "SAVINGS ACCOUNT" AS OF DECEMBER 31st. 1930

Balance on hand in "Savings Acct." as of Dec. 31st. 1929		\$ 154.49
Interest on Funds during the year 1930		4.66
	TOTAL	159.15

DEBITS TO "SAVINGS ACCOUNT"

The following old Outstanding check has been cashed by the Bank during the year 1930, through this "Savings Acct.". Out "Checking Acct." was closed out in 1929.

Check # 541    Mrs. Jennie Pertunen		\$ .77
	Total Debits to "Savings Acct."	.77
	Balance as per Bank Balance of Dec. 31st. 1930	\$ 158.38



PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

d. Visiting Nurses

The following is the report of the Ishpeming Visiting Nurse for the year 1930:

Total number of patients cared for during year	662
Number of new cases cared for during year	319
Total number of visits to patients	3697
Number of families visited for the first time	73
Number of families investigated	18
Number of investigation calls	31
Number of families helped	10
Number of social calls	28
Number died	7

Classification of new cases for the year:

Number of adults	178	Male	10	Female	168
Number of children	141	Male	68	Female	73

Nationalities of new cases for the year:

American	118	Irish	1
English	22	Italian	23
Finnish	85	Norwegian	3
French	44	Swedish	21
German	2		

Diseases and number of new cases:

Abscess	1	Fracture	1	Pleurisy	1
Appendicitis	1	Gastritis	1	Pneumonia	8
Asthma	3	Grippe	11	Post-Operative	27
Baby Welfare	18	Heart trouble	6	Prenatal	32
Bowel Trouble	3	Infants, Newborn	29	Pul. Tuberculoses	3
Bronchitis	10	Infections	20	Rheumatism	4
Burns	6	Influenza	2	Rupture	1
Carcinoma	4	Injury	18	Sore eyes	1
Cellulitis	1	Lung Abscess	2	Stomach trouble	9
Cold	12	Mal-Nutrition	1	Stomatitis	1
Cystitis	2	Nephritis	2	Tonsillitis	7
Diabetic	1	Neuralgia	1	Unclassified	18
Dysentery	8	Obstetrical	21	Undiagnosed	14
Enteritis	1	Otitis Media	4	Var. Ulcer	3

Visiting Nurse: Miss Myrtle Welander

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

d. Visiting Nurses (continued)

The following is the report of the Negaunee Visiting Nurse for the year 1930:

Total number of patients cared for during year	923
Number of new cases cared for during year	581
Total number of visits to patients	6055
Number of families visited for the first time	31
Number of families helped 69; provisions 52; fuel 29; clothing	15
Number of pension calls	63
Number of donation calls	35
Number of social calls	143
Number died	9

Classification of new cases for the year:

Number of adults	249	Male	50	Female	199
Number of children	332	Male	153	Female	179

Nationalities of new cases for the year:

American	246	German	1
Austrian	1	Irish	2
English	40	Italian	56
Finnish	203	Swedish	22
French	10		

Diseases and number of new cases:

Anemia	3	Heart Trouble	5	Pleurisy	6
Appendicitis	12	Impetigo	1	Pneumonia	6
Arterio-Sclerosis	1	Infants, Newborn	47	Post Operative	39
Asthma	3	Infections	25	Pregnancy	26
Bowel Trouble	42	Injury	32	Pul. Tuberculosis	8
Bronchitis	22	Insanity	3	Quinsy	4
Burns	4	Jaundice	1	Rheumatism	10
Cervical Adenitis	1	Kidney Trouble	3	Rupture	5
Cholecystitis	1	Mal-Nutrition	4	Scarlet Fever	4
Chicken Pox	3	Mastoditis	2	Sore eyes	2
Cold	47	Measles	4	Sprains	3
Cystitis	1	Meningitis	1	Stomach trouble	7
Eczema	3	Mumps	11	Tonsilitis	52
Erysipelas	3	Nephritis	5	Typhoid Fever	7
Gall Stones	1	Neuritis	2	Unclassified	14
General Debility	5	Obstetrical	55	Undiagnosed	1
Grippe	14	Otitis Media	4	Var. Ulcer	6
				Whooping cough	10

Number of families investigated - C. C. I. Co.	107
Women's Welfare	14

Number of investigation calls - C. C. I. Co.	210
Women's Welfare	14

Visiting Nurse: Miss Ina E. Atkin



PENSION DEPT. ANNUAL REPORT YEAR 1930

23. d. Visiting Nurses (continued).

The following is the report of the Iron River Visiting Nurse for the year 1930:

Total number of patients cared for during year	99
Number of new cases cared for during year	99
Total number of visits to patients	240
Number died	0

Classification of new cases for the year:

Number of adults	42	Male	3	Female	39
Number of children	57	Male	20	Female	37

Nationalities of new cases for the year:

American	10	Irish	1
Austrian	1	Italian	4
English	38	Polish	14
Finnish	19	Swedish	4
French	5	Scotch	3

Diseases and number of new cases:

Cold	3	Mastoiditis	1	Prenatal	19
Enteritis	2	Measles	1	Tonsilitis	9
Emesis	1	Obstetrical	17	Unclassified	10
Heart Trouble	1	Otitis-Media	1	Undiagnosed	9
Infants, Feeding	14	Post Operative	7	Var. Ulcer	1
Kidney Trouble	1			Var. Veins	2

Visiting Nurse: Miss Laura N. Fisk

NUMBER OF PATIENTS ATTENDED AND CALLS MADE BY VISITING NURSES

	<u>No. of Patients</u>	<u>No. of New Cases</u>	<u>Male Adult</u>	<u>Female Adult</u>	<u>Male Children</u>	<u>Female Children</u>
Ishpeming	662	319	10	168	68	73
Negaunee	923	581	50	199	153	179
Iron River	99	99	3	39	20	37
	<u>1684</u>	<u>999</u>	<u>63</u>	<u>406</u>	<u>241</u>	<u>289</u>

	<u>Total No. of Visits</u>	<u>Total No. of Patients died</u>	<u>Social Calls</u>	<u>Families visited First time</u>	<u>Pension Calls</u>
Ishpeming	3697	7	28	73	--
Negaunee	6055	9	143	31	63
Iron River	240	-	-	-	-
	<u>9992</u>	<u>16</u>	<u>171</u>	<u>104</u>	<u>63</u>

NATIONALITY OF CASES

	<u>American</u>	<u>English</u>	<u>Finnish</u>	<u>French</u>	<u>Irish</u>	<u>Italian</u>
Ishpeming	118	22	85	44	1	23
Negaunee	246	40	203	10	2	56
Iron River	10	38	19	5	1	4
	<u>374</u>	<u>100</u>	<u>307</u>	<u>59</u>	<u>4</u>	<u>83</u>

	<u>German</u>	<u>Norwegian</u>	<u>Polish</u>	<u>Scotch</u>	<u>Swedish</u>	<u>Austrian</u>
Ishpeming	2	3			21	
Negaunee	1				22	1
Iron River			14	3	4	1
	<u>3</u>	<u>3</u>	<u>14</u>	<u>3</u>	<u>47</u>	<u>2</u>

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

f. North Lake Club

The work of the Club has continued under the direct charge of Joseph Pope and Mr. Stakel has given the work of the Club his personal supervision. Mr. George S. Bowden, clerk at the Morris-Lloyd Mine, has continued throughout the year to act as Treasurer. Moving pictures have been shown to the extent desired by the people, but the demand for them has not been as great as in former years on account of the talking movies in Ishpeming and Negaunee.

The Club House is doing a very excellent work and serves a very useful purpose in the community.

Following is the financial statement for the year.

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

f. North Lake Club

Following is the financial statement for the year:

Balance on hand January 1st. 1930	\$ 175.46	
Receipts during year 1930	<u>1123.77</u>	\$ 1299.23
 Total expenditures during year 1930		<u>1160.02</u>
Balance on hand December 31, 1930		139.21

RECEIPTS

Membership Fees - Men	411.25	
Theatre	408.25	
Bowling Alleys	191.80	
Pool & Billiards	29.90	
Telephone Tolls	<u>82.57</u>	1123.77

EXPENDITURES

Lighting	267.55	
Bowling Alleys	85.22	
Office Expense	59.15	
Theatre	548.49	
Reading Room	18.15	
Miscellaneous	82.80	
Telephone Tolls	<u>98.66</u>	
TOTAL		\$ 1160.02

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association

Mr. E. L. Miller has continued in the charge of the work at the Club House as Superintendent, under the personal supervision of Mr. Graff.

After our properties shut down a new plan of operation went into effect on October 1, 1927. At this time the Company reduced its salary payments to \$50.00 per month, paying this amount in order to retain control and supervision of the Club.

Those employed at the mines pay 50 cents per month and the School Board pays a substantial sum for the use of the building for its physical training and the assistance rendered by Mr. Miller in this and the school athletic work.

On the following sheets will be found a complete financial statement for the year and a statistical report prepared by Mr. Miller.

Attention is called to the following features from which a substantial revenue is received:

	<u>Receipts</u>	<u>Expenditures</u>	<u>Profit</u>
Theatre	\$2028.61	\$1533.97	\$494.64
Pool & Billiards	324.75	19.38	305.37
Bowling Alleys	355.25	207.00	148.25
Buffet	635.33	436.96	198.37
Camp	<u>57.50</u>	<u>54.28</u>	<u>3.22</u>
Total	3401.44	2251.59	1149.85

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

g. Gwinn Association (continued)

Balance on hand January 1st, 1930	\$ 1724.81	
Receipts during year	<u>8814.37</u>	
Total		\$ 10539.18
Total Expenditures		<u>9052.66</u>
Balance on hand December 31st, 1930		1486.52

RECEIPTS

Membership Fees - Men	2810.00	
Theatre	2028.61	
Bowling Alleys	355.25	
Pool and Billiards	324.75	
Buffet	635.33	
Towels and Soap	56.50	
Camp	57.50	
Discount	18.23	
Telephone	20.70	
School and Rental	2507.50	
Total		<u>8814.37</u>

EXPENDITURES

Building, Maintenance	86.95	
Equipment	29.46	
Education	15.00	
Lockers	20.10	
Lighting	443.35	
Heating	743.63	
Water	15.60	
Bowling Alleys	207.00	
Pool Room	19.38	
Buffet	436.96	
Stationery and printing	10.25	
Entertainments	253.29	
Towels and Soap	42.98	
Laundry	21.87	
Office Expense	58.80	
Camp	54.28	
Salaries	4420.00	
Theatre	1533.97	
Library	22.95	
Reading Room	77.30	
Athletics	245.07	
Music	198.77	
Telephone	85.70	
Miscellaneous	10.00	
Total		<u>9052.66</u>

PENSION DEPT.

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association (continued)

The following report and summary of the activities of the Association has been taken from the monthly reports issued during the year.

MEMBERSHIP

Number members January First 1930 .....	312
Number members January First 1931 .....	327
Low membership for year - April .....	307
High membership for year - September.....	342
Average monthly membership for year 1929 .....	301
Average monthly membership for year 1930 .....	322

ATTENDANCE

Total estimated attendance at building .....	73030
Average monthly attendance .....	6085
Total estimated attendance for all outdoor activities supervised by Association employees; including Ice Skating Rink, Playground and Tennis Court, Physical Training at High School Playgrounds, Baseball and Bass Lake Camp .....	
	16100

RECEIPTS AND EXPENDITURES

Total receipts including 1929 balance .....	\$ 10,539.18
Total expenditures for year .....	9,052.66
Balance on hand January First 1931 .....	1,486.52

THEATRE

Receipts for year.....	2,028.61
Expenditures for year .....	1,533.97
Profit .....	494.64

BUFFET

Receipts for year .....	635.33
Expenditures for year .....	436.95
Profit .....	198.38
Inventory January First 1931 .....	20.00

BOWLING AND POCKET BILLIARDS

Receipts for year .....	680.00
Expenditures for year .....	226.38
Profit .....	453.62

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association (continued)GENERAL ACTIVITIES AND ORGANIZATIONS USING BUILDING

- 28 - Meetings: 3 by Board of Directors; 3 by Sportsmen's Association; 3 by American Legion; 5 by Junior Italian Society and 14 committee meetings.
- 2 - Inter-city Cribbage matches
- 5 - Social card parties
- 6 - Social events for Students only - under supervision
- 25 - Dances held during year; including social parties; dances after basketball games; and those covering some special event.
- 69 - Lunches or dinners were served by different organizations.

CHURCH ORGANIZATIONS USING BUILDING

- 15 - Meetings by Episcopal Ladies Guild
- 3 - Meetings by St. Anthony's Guild
- 11 - Meetings by Epworth League and Methodist Jr. Choir
- 4 - Meetings by Swedish Confirmation Class
- 2 - Card parties by St. Anthony's Guild
- 7 - Events by Church organizations, as Sales and Teas to raise funds.
- 2 - Social Dinners by Men's Club Methodist Church

EVENTS OF SPECIAL INTEREST

Annual Dinner	by	Women's Gym Class
Annual Easter Monday Ball	by	Local Oddfellows Lodge
Annual Banquet and Round-up	by	Sportsmen's Association
Annual Girl Scout Ceremonial	by	Combined troops
Annual Junior Prom	by	High School Students
Annual Township Caucus	by	Local Citizens
Annual Fun and Frolic Night	by	Girl Scouts
Reception for Baseball Team	by	Business Men
Annual Meeting Upper-Peninsula Sportsmen's Association	by	Delegates to convention
St. Patrick Day Party	by	Local Scout Troops
Annual Dinner Dance	by	Gwinn High Alumni
Annual Movie Show	by	Civic Organizations
Annual Firemen's Ball	by	Local Firemen
Community Xmas Tree and Treat for Children	by	Entire Community

MUSICAL ORGANIZATIONSBAND

The regular band was active through the year until the first week in December when a recess was called until after the Holiday period. It now consists of 21 members. The Junior band was also active but has only a membership of 10; several junior members having been admitted to the regular organization.

SUMMARY

- 81 - Total number rehearsals by both bands.
- 1 - Indoor concert
- 4 - Local engagements free gratis
- 4 - Concerts at local band stand - evening
- 5 - Appearances by junior band at local functions.

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association (continued)MOVING PICTURE THEATRE

107 - Different pictures shown	
205 - Evening shows held	
104 - Matinees held	
309 - Total number of shows held	
16804 - Total paid attendance .....	Adults .. 9220
	Students .. 7584

SPECIAL SHOWS

1 - Illustrated slide lecture Methodist Church .....	50
1 - Show run for Sportsmen's Association .....	100
1 - Program of slides for Epworth League .....	60
3 - Shows run for Xmas treat .....	360
	<hr/>
Grand total for year	17374

The entertainment Course conducted at the High School through a committee from the Association held or sponsored **4 numbers** during the year. They were well attended and **appreciated**. This coming year a course of 5 numbers will be attempted with the price of the season tickets remaining the same: Adults, \$1.50 and students, \$1.00. Attendance ..... 1300

The Bowling Alleys were again a source of recreation for many fans during the winter. The league this year was made up of six teams of four men each. A schedule of 45 games was completed by all teams.

LIBRARY AND READING ROOM

During the year an exchange of books was arranged with the Gwinn School. Books that were more in demand at school were sent there and books that were at school and could be used at the Club to better advantage were put into the Club Library.

Number books loaned from Club section .....	836
Number books loaned from School section .....	231
Total number books loaned during year .....	1067
Number books loaned per month .....	88

The following number of magazines and newspapers are received and placed on racks, tables and files in the Reading Room.

Weekly Magazines .....	5	Daily Newspapers .....	2
Monthly Magazines .....	18	Monthly Newspapers.....	3



PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association (continued)PHYSICAL AND ATHLETIC DEPARTMENT

Including all work conducted in gymnasium and swimming pool, and all outdoor recreations; such as, baseball, physical training classes at school grounds, track work, ice skating rink, playgrounds and tennis court, football and speedball.

Employes of the association continue to supervise all athletic work for the local high school and furnished much of the material that is used for work in the grades.

The women's class met weekly for recreational games and as usual held their dinner at the end of the season.

A business men's class met twice weekly with an average attendance of about 12. Handball and volleyball were the usual games.

SUMMARY OF ACTIVITIES

	<u>Periods</u>	<u>Attendance</u>
Girls - at school grounds and gymnasium	103	2775
Boys - " " " " "	105	3232
High School Boys Basketball practice	61	798
Women's Supervised Class	18	459
Junior Boys Basketball League	15	726
Business Men's Club	31	354
Senior Men	33	238
Supervised swimming (Boys)	20	502
Supervised swimming (Girls)	12	159
	<hr/>	<hr/>
Total attendance of those taking part	398	9243

The following number of basketball games were played by teams under Association supervision:

High School team - 7 games at home - 10 away  
 Archibald Team - 2 games at home - 1 away  
 Practice games between Archibald and High 5 games  
 Junior team played 8 preliminary games.

Saturday morning was taken up by 2 leagues - composed of Junior and Senior High School boys. At the end of the season a tournament was held - 9 games being played.

Total attendance at all home games ..... 6200

The High School team entered the District Tournament at Munising and placed for the Regional at Marquette, but lost their first game there.

The Ice Skating Rink was in condition 36 days; and was flooded 16 different times. Estimated attendance ..... 2875

The tennis fans had a fine season as weather conditions permitted the court to be used 98 days. Attendance ..... 1000

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

g. Gwinn Association (continued)BASEBALL

The Association again entered a team in the Inter-county Amateur League and were successful in winning the Championship, the second time in three years.

As in other years the team was composed of local players and all were members of the Association

Games played at home .....	9	away .....	10
Practice periods .....	57		
Attendance at all home games and practice periods .....	4850		

BASS LAKE CAMP

The cottage opened June 15th. The same arrangement as other years in taking care of the proposition was in order or force.

The bathing facilities were used to a full extent and although the bass catch was below other years, boating was one of the chief recreations.

Number of different families using cottage	- 2 days .....	2
" " " " " "	- 3 days .....	4
" " " " " "	- 4 days .....	4
" " " " " "	- 5 days .....	2
" " " " " "	- 6 days .....	2

Girl Scouts used cottage one week, daily attendance .....

23
----

All day picnics by organizations .....	2
Number family basket picnics .....	135

Estimated attendance at grounds during season .....

4050
------

The State Department of Health again inspected the camp site and water facilities and gave the camp above the average rating.

SCOUT ACTIVITIESGIRLS

The Scout Organization continues with two troops meeting weekly in the Gymnasium under association supervision.

The following summary covers both troops.

Meetings: Class and Social ... 95      Attendance ... 1835

19 - lunches or suppers were held - either after indoor meetings or after hikes with meat served outdoors.

7 - social parties were held, some with dancing.

8 - hikes were taken for observation

1 - candy sale

1 - annual fun and frolic night

1 - annual ceremonial night

1 - week camping at Bass Lake - daily attendance 23.

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23.

g. Gwinn Association (continued)

The following special activities were included in the Scout Program:

Sold poppies for American Legion Post

Solicited funds for annual Red Cross Drive

Attended Church in body

Held Scout demonstration exhibit at local store

Donated box toys and playthings to Good Will Farm Xmas time.

Assisted at Alumni Dinner by serving

Assisted with Community Xmas Treat for Children

Donated food stuff to two families Xmas time.

BUILDING

Supplies for all departments to keep them in working order were purchased by the association. Special assistance in helping to keep the building in good condition was secured through Mr. Wm. G. Mather, who authorized the replacing of the gymnasium floor, which act is greatly appreciated by all members of the association. A combination phonograph and radio has been installed and fills a long felt need.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

h. Ishpeming Y. M. C. A.

The year at the "Y" has been especially good, under the direction of Mr. Floyd B. Rathman. His services have been very satisfactory and the work is probably in the best condition that it has ever been in during the history of the organization in Ishpeming. Mr. Stakel has been very active since on the Board and especially so since becoming President of the Association.

The present officials are as follows:

C. J. Stakel	President
Sam Cohodas	Vice President
R. J. Chenneour	Secretary
Judge Wm. St. John	Treasurer

The building has been in constant use except somewhat less so during the summer when the camp was conducted at Ross Lake.

On the following sheets will be found a financial statement for the fiscal year ending May 1.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23. h. Ishpeming Y. M. C. A. (continued)

ASSETS AND LIABILITIES

Year Ending April 30, 1930

Capital Assets:

Plant and Equipment:

Land	\$ 6000.00
Building	46953.53
Equipment	<u>6694.40</u>
	\$ 59647.93

Camp Minneyata Equipment	<u>3000.00</u>
--------------------------	----------------

\$ 62647.93

Capital Liabilities:

Building Fund

\$59647.93

Current Assets:

Cash:

Beninsula Bank	186.25
Miners' Bank	154.10
Office Cash	100.00
Bond Trustees Cash	<u>176.00</u>
	\$ 616.35

Key Deposits	\$ 33.00
Accts. Payable	3204.21
Bonds Payable	9300.00
Accrued Interest	<u>40.86</u>

12578.07

Surplus or Deficit Cur. Period	43.99
--------------------------------	-------

Deficit 1st of year	<u>8917.73</u>
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\$ 72226.00

\$ 72226.00

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

h. Ishpeming Y. M. C. A. (continued)INCOME AND EXPENSE

	<u>Budget for Apr.</u>	<u>Actual for Apr.</u>	<u>Budget To Date</u>	<u>Actual To Date</u>
<u>INCOME:</u>				
General Administration:				
Men's Memberships	\$ 184.25	\$ 41.50	\$2755.00	\$1694.70
Boy's Memberships	19.05	6.60	197.65	318.60
Women's Memberships			262.50	309.95
Girl's Memberships	5.35	9.10	44.95	99.55
Merchandise Sales	15.30	8.40	108.30	116.94
Telephone and Telegraph	2.20		24.20	56.32
Total	<u>226.15</u>	<u>65.60</u>	<u>3392.60</u>	<u>2596.06</u>
Dormitory:	200.00	116.00	2400.00	2004.73
Physical:				
Locker Rentals	1.00		15.00	6.00
Merchandise Sales	17.65	5.85	125.00	193.50
Baths	20.00	16.15	200.00	160.10
Admission	90.00	82.83	325.00	747.12
Tennis Fees			10.00	
Circus Exhibition		501.93	500.00	501.93
City Appropriation			200.00	200.00
Total	<u>128.65</u>	<u>606.76</u>	<u>1375.00</u>	<u>1808.65</u>
General Activities:				
Admissions	125.00	43.05	250.00	85.88
Social Fees	10.00		90.00	23.00
Billiards	2.50	3.45	30.00	62.85
Clubs and Miscellaneous				2.55
Total	<u>137.50</u>	<u>46.50</u>	<u>370.00</u>	<u>174.28</u>
Camp Minneyata:				
Camp Fees			2250.00	1890.50
Contributions			550.00	300.00
Merchandise Sales			150.00	200.80
Meal Sales			40.00	18.25
Total			<u>2990.00</u>	<u>2409.55</u>
Income Production:				
Mining Companies	329.00	230.00	3948.00	3354.00
Other Contributions	247.40	140.00	4067.90	3401.86
Total	<u>576.40</u>	<u>370.00</u>	<u>8015.90</u>	<u>6755.86</u>
Grand Total	1268.70	1204.86	18543.50	15749.13

PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

h. Ishpeming Y. M. C. A. (continued)

INCOME AND EXPENSE

	<u>Budget</u> <u>for Apr.</u>	<u>Actual</u> <u>for Apr.</u>	<u>Budget</u> <u>To Date</u>	<u>Actual</u> <u>To Date</u>
<u>EXPENDITURES:</u>				
General Administration:				
General Secretary's Salary	\$ 291.66	\$ 225.00	\$ 3500.00	\$ 2966.68
Office Secretary's Salary	85.00	85.00	1020.00	1020.00
Clerk's Wages	20.75	20.00	250.00	240.00
Conventions and Conferences				25.00
Retirement Fund	10.50	9.23	126.00	304.85
Salable Merchandise	9.50		115.00	93.75
Telephone and Telegraph	10.50	11.75	125.00	115.69
Advertising	8.50		100.00	219.41
Office Supplies	18.75	.40	225.00	88.05
Postage	8.50	5.72	100.00	100.88
Bond Interest	50.00		550.00	206.34
Total	<u>513.66</u>	<u>357.09</u>	<u>6111.00</u>	<u>5380.65</u>
Building:				
Janitor	90.00	90.00	1080.60	1085.00
Special Labor			75.00	
Fuel	85.00	134.37	1150.00	1368.31
Electricity and Gas	45.00	40.54	450.00	400.39
Electric Light Globes	2.00		25.00	52.31
Repairs to Building	57.00		400.00	377.93
Repairs to Equipment	12.50	1.43	100.00	171.23
Janitor's Supplies	10.00	4.60	100.00	97.83
Water	45.00	56.47	150.00	215.44
Insurance			200.00	
Kitchen Equipment			25.00	1.20
Total	<u>346.50</u>	<u>327.41</u>	<u>3755.00</u>	<u>3769.64</u>
Dormitory:				
Matron	40.00	40.00	500.00	500.00
Laundry	30.00	24.35	360.00	340.67
Supplies	25.00		75.00	66.75
Matron's Supplies	2.00		25.00	4.29
Total	<u>97.00</u>	<u>64.35</u>	<u>960.00</u>	<u>911.71</u>
<u>Physical:</u>				
Physical Director's Salary	215.00	100.00	2580.00	1610.00
Conventions and Conferences				
Auto Expense			75.00	57.97
Soap and Towels	50.00		125.00	
Gym Supplies			150.00	45.74
Summer Sports Supplies			500.00	87.21
Salable Merchandise	40.00	6.34	140.00	191.02
Tennis			15.00	
Repairs to Equipment		8.95	5.00	148.68
Basketball		64.81	200.00	178.71
Circus		79.94	150.00	84.53
Total	<u>305.00</u>	<u>260.04</u>	<u>3940.00</u>	<u>2403.86</u>

PENSION DEPT.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23. h. Ishpeming Y. M. C. A. (continued)

INCOME AND EXPENSE

	<u>Budget for Apr.</u>	<u>Actual for Apr.</u>	<u>Budget To Date</u>	<u>Actual To Date</u>
<u>EXPENDITURES: (continued)</u>				
<b>General Activities:</b>	\$	\$	\$	\$
Instructors			20.00	
Music and Talent			60.00	58.49
Socials	60.00	70.29	225.00	153.71
Books and Magazines	1.25		15.00	20.54
Music Supplies			11.50	22.20
Billiards			75.00	14.56
Clubs and Miscellaneous				44.00
Total	<u>61.25</u>	<u>70.29</u>	<u>406.50</u>	<u>313.50</u>
<b>Camp Minneyata:</b>				
Cook			320.00	200.00
Cookees			25.00	
Truck Drivers			100.00	101.42
Lease	1.00		1.00	1.00
Auto Expense			900.00	654.46
Food Supplies			1400.00	1227.37
Salable Merchandise			240.00	192.40
Athletic Supplies			20.00	
General Supplies			175.00	179.94
Repairs			15.00	240.53
Miscellaneous and Advertising			75.00	82.88
Salaries			100.00	95.50
Total	<u>1.00</u>	<u>      </u>	<u>3371.00</u>	<u>2975.60</u>
 <b>Grand Total</b>	 1324.41	 1079.18	 18543.50	 15754.86



PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23. h. Ishpeming Y. M. C. A. (continued)

ASSETS AND LIABILITIES

December 31st, 1929

Capital Assets:

Plant and Equipment:

Land	\$ 6000.00
Building	46953.53
Equipment	<u>6694.40</u>
	\$59647.93

Camp Minneyata Equipment	3000.00
--------------------------	---------

Capital Liabilities:

Building Fund	\$59647.93
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Current Assets:

Cash:

Miners Bank	\$1221.46
Peninsula Bank	228.35
Office Cash	100.00
Bond Trustee Cash	<u>937.86</u>
	2487.67

Deficit 1st of year	<u>8961.72</u>
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\$74097.32

Current Liabilities:

Key Deposits	\$11.00
Accts. Payable	2869.86
Bonds Payable	9500.00
Accrued Interest	<u>61.94</u>
	12442.80

Surplus Current Period	<u>2006.59</u>
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\$ 74097.32

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

h. Ishpeming Y. M. C. A. (continued)INCOME AND EXPENSE

	<u>Budget for Dec.</u>	<u>Actual for Dec.</u>	<u>Budget To Date</u>	<u>Actual To Date</u>
<u>INCOME:</u>				
General Administration:				
Boys' Memberships	\$ 25.00	\$ 31.00	\$ 190.00	\$ 135.15
Mens' Memberships	100.00	106.00	1310.00	1043.55
Womens' Memberships	20.00	1.00	146.50	22.50
Girls' Memberships	10.00	4.85	68.00	49.25
Merchandise Sales	7.00	36.32	35.00	49.37
Telephone and Telegraph	5.00		30.00	14.93
Rental (Bd. of Education)				50.00
Total	<u>167.00</u>	<u>179.17</u>	<u>1779.50</u>	<u>1364.75</u>
Dormitory:	150.00	253.55	1400.00	1174.94
Physical:				
Locker Rentals				4.10
Merchandise Sales	15.00	29.90	120.08	128.95
Baths	5.00	12.25	110.00	122.85
Admissions	40.00	46.28	60.00	46.28
Tennis Fees				3.75
Circus Exhibition				28.25
City Appropriation			200.00	
Boxing				73.40
Total	<u>60.00</u>	<u>161.83</u>	<u>490.00</u>	<u>407.58</u>
General Activities:				
Admissions			50.00	
Social Fees	5.00	12.75	10.00	12.75
Billiards	10.00	7.40	35.00	18.13
Clubs & Miscellaneous	1.00	.50	2.00	.50
Total	<u>16.00</u>	<u>20.65</u>	<u>97.00</u>	<u>31.38</u>
Camp Minneyata:				
Camp Fees			2000.00	1978.62
Contributions			300.00	55.31
Merchandise Sales			200.00	139.51
Meal Sales			25.00	27.75
Total			<u>2525.00</u>	<u>2201.19</u>
Income Production:				
Mining Companies	230.00	230.00	1840.00	2434.00
Other Contributions	350.00	306.00	3206.00	3935.01
Total	<u>580.00</u>	<u>536.00</u>	<u>5046.00</u>	<u>6369.01</u>
Grand Total	973.00	1151.20	11337.50	11548.85

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

h. Ishpeming Y. M. C. A. (continued)

INCOME AND EXPENSE

	<u>Budget for Dec.</u>	<u>Actual for Dec.</u>	<u>Budget to Date</u>	<u>Actual To Date</u>
<u>EXPENDITURES:</u>				
General Administrations:				
General Secretary's Salary	\$ 250.00	\$ 250.00	\$ 1900.00	\$ 1900.00
Office Secretary's Salary	85.00	85.00	680.00	680.00
Clerk's Wages	20.00	20.00	160.00	160.00
Conventions & Conferences				92.48
Retirement Fund	14.15	10.25	93.44	78.94
Salable Merchandise	6.00	22.95	55.50	60.45
Telephone Service	14.00	8.18	85.00	67.36
Advertising	10.00		153.00	146.67
Office Supplies	9.00	1.75	64.00	70.99
Postage, Telephone, Telegraph	10.00	3.00	60.00	33.64
Interest				44.00
Total	<u>418.13</u>	<u>401.13</u>	<u>3250.94</u>	<u>3334.93</u>
Building:				
Janitor	100.00	100.00	800.00	800.00
Fuel	170.00	31.00	510.00	266.33
Electricity and Gas	45.00	61.28	250.00	259.33
Electric Light Globes	2.00	5.04	17.00	17.32
Repairs to Bldg.	150.00	11.28	1000.00	162.39
Repairs to Equipment	35.00	2.17	130.00	84.89
Janitor's Supplies	9.00	.10	64.00	31.54
Water	50.00		150.00	114.56
Insurance				147.00
Kitchen Equipment	25.00		125.00	
Total	<u>586.00</u>	<u>210.87</u>	<u>3046.00</u>	<u>1883.36</u>
Dormitory:				
Matron	40.00	40.00	320.00	340.00
Laundry	29.00	21.89	232.00	195.04
Supplies	10.00		45.00	6.58
Matron's Supplies	2.00		17.00	.54
Total	<u>81.00</u>	<u>61.89</u>	<u>614.00</u>	<u>542.16</u>
Physical:				
Physical Director	130.00	100.00	980.00	720.00
Conventions and Conferences				20.00
Auto Expense		5.00	60.00	140.00
Soap and Towels			90.00	25.85
Gym Supplies		9.40	50.00	24.57
Summer Sports Supplies			100.00	30.60
Salable Merchandise		60.16	75.00	165.61
Tennis			15.00	12.18
Repairs to Equipment			75.00	2.55
Basketball				7.34
Circus or Minstrel				91.00
Boxing		32.09		42.09
Total	<u>130.00</u>	<u>206.65</u>	<u>1445.00</u>	<u>1281.79</u>

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

h. Ishpeming Y. M. C. A. (continued)

INCOME AND EXPENSE

	<u>Budget for Dec.</u>	<u>Actual for Dec.</u>	<u>Budget to Date</u>	<u>Actual to Date</u>
<u>EXPENDITURES: (continued)</u>				
General Activities:				
Music and Talent	\$	\$	\$ 30.00	\$ 8.96
Socials	20.00		80.00	.85
Books and Magazines	2.00	14.75	12.00	19.23
Music Supplies			10.00	3.00
Billiards		24.55	30.00	28.77
Clubs and Miscellaneous	5.00	2.33	20.00	6.32
Total	27.00	41.61	182.00	67.13
Camp Minneyata:				
Cook			250.00	226.67
Truck Driver			100.00	97.33
Lease				1.00
Auto Expense	100.00		700.00	627.88
Food Supplies			1400.00	
Salable Mdse.			200.00	185.35
Athletic Supplies			20.00	5.80
General Supplies			175.00	77.49
Repairs			150.00	102.17
Misc. and Advertising		20.50	10.00	33.96
Salaries			100.00	85.00
Total	100.00	20.50	3106.00	2532.89
Grand Total	\$1342.13	\$ 942.65	\$11643.94	\$ 9642.26

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

1. Safety Work

We have cooperated with the Safety Department throughout the year. The Central Safety Committee has held its regular meetings each month and has continued with the following membership:

Mr. G. R. Jackson, Chairman  
Mr. S. R. Elliott  
Mr. O. D. McClure  
Mr. C. J. Stakel  
Mr. W. W. Graff  
Mr. W. R. Meyers  
Mr. Carl Brewer  
Mr. H. O. Moulton  
Mr. William Conibear  
Mr. W. H. Moulton, Secretary

The regular work of the Safety Department is covered by Mr. Conibear's report.

A very important Safety Conference was held on December 6th, with all the Superintendents, Engineers, Mining Captains, and Shift Bosses of the different properties being in attendance.

On the following pages will be found the Accident Frequency and Severity Rates.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

1. Safety Work (continued)

ACCIDENT FREQUENCY RATE  
FOR A THIRTEEN YEAR PERIOD FROM 1917 to 1929

	Rank	Days of Labor	Non-Fatal	Fatal	Rate per 1000 days
Miscellaneous	1	92984	10	0	.108
Holman-Cliffs	2	11364	2	0	.176
Tilden	3	27516	5	0	.182
Hill-Trumbull	4	334266	71	2	.218
General Storehouse	5	154232	34	0	.220
Ogden	6	17499	3	1	.229
Elec. Generating Plants	7	174300	38	3	.235
Wade-Helmer	8	236128	64	2	.280
Maas Crusher	9	5704	1	1	.351
Negaunee	10	1040108	385	6	.376
Angeline	11	76101	29	0	.381
Spies-Virgil	12	293748	110	3	.385
Maas	13	883651	334	7	.386
Salisbury	14	192287	79	2	.421
Gardner-Mackinaw	15	187262	79	1	.427
South Jackson	16	26068	12	0	.460
Austin	17	86245	43	0	.499
Athens	18	588080	294	6	.510
Dead River Storage Dam	19	37223	20	0	.537
Average					.540
Holmes	20	650542	366	3	.567
Boeing	21	293860	172	2	.592
Morris-Lloyd	22	865501	519	4	.604
Lake	23	327835	196	3	.607
Princeton	24	244327	148	1	.610
Gwinn	25	210375	137	2	.661
Francis	26	201920	139	2	.698
Cliffs-Shaft	27	1082255	758	9	.709
Stephenson	28	576976	428	6	.752
Republic	29	651858	532	3	.821
Barnes-Hecker	30	184681	142	52	1.051
Canisteo-Cliffs		6			
		9754900	5150	121	

## PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

1. Safety Work (Continued)

<u>ACCIDENT SEVERITY</u>						
<u>RANK AND RATE FROM JANUARY TO DECEMBER 1929</u>						
	<u>Rank</u>	<u>Days of Labor</u>	<u>Days Lost</u>		<u>Rate per 1000 Days</u>	
			<u>1929</u>	<u>1928</u>	<u>1929</u>	<u>1928</u>
Gardner-Mackinaw	1	31708	0	94	.000	4.025
Wade-Helmer	2	5473	0	0	.000	.000
General Storehouse	3	17624	18	0	1.021	.000
C. P. & L. Co.	4	11955	16	1822	1.338	90.399
Holman Cliffs	5	11364	17	-	1.496	-
Spies-Virgil	6	26867	74	25 $\frac{1}{2}$	2.754	.909
Miscellaneous	7	10612	33	-	3.110	-
Cliffs Shaft	8	93271	759	2851 $\frac{1}{2}$	8.138	32.328
Tilden	9	19710	181	47	9.183	6.020
Hill-Trumbull	10	41046	404	237	9.843	6.605
Republic	11	4811	57	912	11.848	55.498
AVERAGE					24.672	22.245
Athens	12	55791	1422 $\frac{1}{2}$	677 $\frac{1}{2}$	25.497	14.924
Morris-Lloyd	13	72201	1925	337 $\frac{1}{2}$	26.662	5.254
Maas	14	64684	2531 $\frac{1}{2}$	2387	39.136	44.134
Negaunee	15	81308	3761	2349	46.256	32.196
Alexandria	16	37424	1867	-	49.888	-
Holmes	17	47237	2620	153 $\frac{1}{2}$	55.465	3.403
Various Properties		2832	3 $\frac{1}{2}$	10 $\frac{1}{2}$		
TOTAL ALL PROPERTIES		635918	15689 $\frac{1}{2}$	11904		

<u>ACCIDENT FREQUENCY</u>						
<u>RANK AND RATE FROM JANUARY TO DECEMBER 1929</u>						
	<u>Rank</u>	<u>Days of Labor</u>	<u>No. of Accidents</u>		<u>Rate per 1000 Days</u>	
			<u>1929</u>	<u>1928</u>	<u>1929</u>	<u>1928</u>
Gardner-Mackinaw	1	31708	0	3	.000	.128
Wade-Helmer	2	5473	0	0	.000	.000
Morris-Lloyd	3	72201	3	9	.042	.140
General Storehouse	4	17624	1	0	.057	.000
Athens	5	55791	5	12	.090	.264
Maas	6	64684	7	18	.108	.333
Negaunee	7	81308	9	17	.111	.233
Alexandria	8	37424	5	-	.133	-
AVERAGE					.142	.228
Spies-Virgil	9	26867	4	4	.149	.143
Holmes	10	47237	8	7	.169	.155
Holman-Cliffs	11	11364	2	0	.176	.000
Miscellaneous	12	10612	2	0	.188	.000
Tilden	13	19710	4	1	.203	.128
Republic	14	4811	1	5	.208	.304
Hill-Trumbull	15	41046	9	11	.219	.307
Cliffs Shaft	16	93271	25	29	.268	.329
C. P. & L. Co.	17	11955	4	5	.335	.248
Various Properties		2832	1	2		
TOTAL ALL PROPERTIES		635918	90	123		

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1. Safety Work (Continued)

ACCIDENT SEVERITY  
RANK AND RATE FROM JANUARY TO NOVEMBER 1930

	Rank	Days of Labor	Days Lost		Rate per 1000 Days	
			1930	1929	1930	1929
General Storehouse	1	12361	0	18	.000	1.067
Tilden	2	11912	0	109	.000	5.845
Wade-Helmer	3	30519	37	0	1.212	.000
C. P. & L. Co.	4	14700	24	16	1.633	1.446
Cliffs Shaft "A"	5	85819	208	658	2.802	8.881
Cliffs Shaft "B"			32½	101		
Miscellaneous	6	6886	20½	33	2.977	3.260
Gardner-Mackinaw	7	29894	108	0	3.613	.000
Holman-Cliffs	8	43393	177½	7	4.091	.726
Holmes	9	41854	274½	2620	6.558	60.658
Maas	10	69264	614½	731½	8.872	12.475
Spies-Virgil	11	21708	261	74	12.023	2.975
Alexandria	12	30118	399	1866	13.248	54.377
AVERAGE					19.205	19.889
Negaunee	13	74334	2374½	3671	31.944	49.146
Morris-Lloyd	14	67558	2347	125	34.741	1.883
Athens	15	55245	2118½	1422½	38.347	27.977
Hill-Trumbull	16	34178	1815	92	53.105	2.405
Canisteco-Cliffs	17	29061	1873½	0	64.468	.000
Various Properties		1690	0	57		
<b>TOTAL ALL PROPERTIES</b>		<b>660494</b>	<b>12685</b>	<b>11601</b>		

ACCIDENT FREQUENCY  
RANK AND RATE FROM JANUARY TO NOVEMBER 1930

	Rank	Days of Labor	No. of Accidents		Rate per 1000 Days	1929
			1930	1929		
General Storehouse	1	12361	0	1	.000	.059
Tilden	2	11912	0	3	.000	.161
Gardner-Mackinaw	3	29894	1	0	.033	.000
Cliffs Shaft "A"	4	85819	2	20	.035	.293
Cliffs Shaft "B"			1	5		
Holmes	5	41854	3	8	.072	.185
Wade-Helmer	6	30519	3	0	.098	.000
Athens	7	55245	6	4	.109	.079
Holman-Cliffs	8	43393	5	1	.115	.104
AVERAGE					.115	.141
Morris-Lloyd	9	67558	8	2	.118	.030
Maas	10	69264	9	6	.130	.102
Spies-Virgil	11	21708	3	4	.138	.161
Hill-Trumbull	12	34178	5	8	.146	.209
Negaunee	13	74334	11	8	.148	.107
Canisteco-Cliffs	14	29061	5	0	.172	.000
C.P. & L. Co.	15	14700	3	4	.204	.362
Miscellaneous	16	6886	2	2	.290	.198
Alexandria	17	30118	9	5	.299	.146
Various Properties		1690	0	1		
<b>TOTAL ALL PROPERTIES</b>		<b>660494</b>	<b>76</b>	<b>82</b>		



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j. Hospitals & Medical Service

Throughout the year this Department has kept in close touch with the Hospitals in Ishpeming, Negaunee, Republic and Iron River.

ISHPEMING HOSPITAL

The Hospital has maintained its standard of fine service and has continued on the accredited list of the American College of Physicians and Surgeons.

Miss Susan G. Parish, who followed Miss White as Superintendent, became ill and was unable to continue her work and left for her old home at Los Angeles, California on July 1st. Miss Hildur Swanson who had been acting as assistant at various times to Miss White and Miss Parish was put in charge of the work and her services have been most satisfactory. The work of the Ishpeming and Negaunee Hospitals has been very closely united throughout the year and everything has worked out harmoniously.

The Staff of the Ishpeming and Negaunee Hospitals is as follows:

Dr. V. H. Vandeventer, Chief  
Dr. J. D. Crane  
Dr. P. P. Hartt  
Dr. A. W. Erickson  
Dr. W. A. Corcoran  
Dr. D. R. MacIntyre  
Dr. C. L. Hirwas  
Dr. W. A. Mudge  
Miss Hildur Swanson, Superintendent

During the year regular meetings of the Staff have been held each month, with Dr. Vandeventer as Chairman and Dr. Corcoran as Secretary.

On the following sheets will be found a summary of the reports of the Superintendent of the Hospital for the year.

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j. Hospitals (continued)

ISHPEMING HOSPITAL  
STATISTICAL REPORT FOR THE YEAR 1930

Number of patients remaining in Hospital at beinning of year		18
Number of adult patients admitted	787	
Number of child patients admitted	184	
Number of births	<u>123</u>	
Total new patients for the year		1094
Total of all patients during the year		1112
Number of deaths	56	
Number discharged during year	<u>1041</u>	
Total number leaving Hospital		<u>1097</u>
Number of patients remaining at end of year, Dec. 31, 1930		15
CLASSIFICATION OF NEW CASES:		
Surgical	612	
Medical	224	
Obstetrical	<u>258</u>	
Total		1094
Number of operations		521
Number of emergency room operations		49
Number of patient days		11451
Number of meals per patients	34353	
Number of meals for nurses, superintendent and dietitian	16697	
Number of meals for physicians and guests	244	
Number of meals for help	<u>5937</u>	
Total		57231

## Average Number of Patients Per Day:

1919	12.2
1920	17.6
1921	15.9
1922	16.5
1923	20.1
1924	20.5
1925	19.9
1926	21.3
1927	21.8
1928	25.4
1929	30.1
1930	31.4

PENSION DEPT.      ANNUAL REPORT.      YEAR 1930

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## j. Hospital(Continued)

Following will be found a statement showing the number of consultations taken care of by each of the physicians at the hospital, and the number of house calls, these being classified according to the employers of the men and their families. This includes the cases of the Cleveland-Cliffs Iron Co., the Oliver Iron Mining Co., the Hercules Powder Co., Jones & Laughlin Ore Co., the Inland Steel Co., and private cases.

These sheets show the percentage of work done for the people belonging to our own Company.

OFFICE AND HOUSE CALLS OF THE DIFFERENT PHYSICIANS

<u>Office Calls</u>	<u>G.C.I.CO.</u>	<u>O.I.M.Co.</u>	<u>Her- cules Expl.Co.</u>	<u>Jones &amp; Laughlin Ore Co.</u>	<u>Inland Steel Co.</u>	<u>Private</u>	<u>Total</u>	<u>G.C.I.Co. Percent</u>
Vandeventer	1112	203	30	2	--	533	1880	59.1
Crane	3014	455	44	7	--	275	3795	79.4
Hartt	2485	660	122	8	2	168	3445	72.1
Erickson	3490	430	55	4	6	274	4259	81.9
Corcoran	1781	629	214	1	9	505	3139	56.7
Total	11882	2377	465	22	17	1755	16518	71.9
<u>House Calls</u>								
Vandeventer	620	90	17	2	--	450	1179	52.6
Crane	1820	395	11	14	--	385	2625	69.3
Hartt	1864	279	20	2	1	258	2424	76.9
Erickson	2717	389	25	3	--	345	3479	78.1
Corcoran	874	691	165	2	2	503	2237	39.1
Total	7895	1844	238	23	3	1941	11944	66.1
<u>TOTAL CALLS</u>								
Vandeventer	1732	293	47	4	--	983	3059	56.6
Crane	4834	850	55	21	--	660	6420	75.3
Hartt	4349	939	142	10	3	426	5869	74.1
Erickson	6207	819	80	7	6	619	7738	80.2
Corcoran	2655	1320	379	3	11	1008	5376	49.4
TOTAL	19777	4221	703	45	20	3696	28462	69.5

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23.  
j. Hospitals (continued)

NEGAUNEE DISPENSARY

OFFICE AND HOUSE CALLS OF THE DIFFERENT PHYSICIANS

<u>Office Calls</u>	<u>C.C.I.Co.</u>	<u>O.I.M.Co.</u>	<u>Jones &amp; Laughlin Ore Co.</u>	<u>Hercules Expl. Co.</u>	<u>Republic Iron &amp; Steel Co. Co.</u>	<u>Inland Steel Co.</u>	<u>Private</u>	<u>TOTAL</u>	<u>C.C.I.CO Percent</u>
MacIntyre	5186	129		9	14	6	1448	6792	76.4
Mudge	7128	57	57				738	7980	89.3
Hirwas	4816	210			16		637	5679	84.8
<b>Total</b>	<u>17130</u>	<u>396</u>	<u>57</u>	<u>9</u>	<u>30</u>	<u>6</u>	<u>2823</u>	<u>20451</u>	<u>83.8</u>
<u>House Calls</u>									
MacIntyre	1556	31			8		78	1673	93.0
Mudge	5328	49	23				958	6358	83.8
Hirwas	2055	5					288	2348	87.5
<b>Total</b>	<u>8939</u>	<u>85</u>	<u>23</u>	<u>—</u>	<u>8</u>	<u>—</u>	<u>1324</u>	<u>10379</u>	<u>86.1</u>
<u>TOTAL CALLS</u>									
MacIntyre	6742	160		9	22	6	1526	8465	79.6
Mudge	12456	106	80				1696	14338	86.9
Hirwas	6871	215			16		925	8027	85.6
<b>TOTAL</b>	<u>26069</u>	<u>481</u>	<u>80</u>	<u>9</u>	<u>38</u>	<u>6</u>	<u>3147</u>	<u>30830</u>	<u>84.6</u>

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

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j. Hospitals (continued)

NEGAUNEE DISPENSARY

The plan of using the former Hospital building for Doctors offices and dispensary has continued to work well. All hospital cases are taken to the Ishpeming Hospital.

The following physicians have their offices in the building:

Dr. D. R. MacIntyre  
Dr. C. L. Hirwas  
Dr. W. A. Mudge

REPUBLIC HOSPITAL

Dr. VanRiper of Champion goes to Republic regularly for one hour each day and at such other times as he is called.

The people in town have tried to locate some Doctor who would locate there, but with no success. I would think that the work as now cared for should be quite satisfactory.

GWINN

Dr. R. A. Burke of Negaunee and Palmer is in charge of the medical service for the district and has an assistant, Dr. P. N. Wharton, living in Gwinn and offices in the Quayle building.

IRON RIVER

Dr. Libby has taken care of a few hospital cases in his home. During the year a new hospital building has been erected, details of which are covered in the report of Mr. Meyers.

Payments to Physicians

On August 1, 1927 a new rate of payment for our Company went into effect. The men pay \$1.25 for the medical service for themselves and immediate members of their families, the Company paying \$ .50 per man per month to cover medical and hospital services under the provisions of the Workmen's Compensation Law.

PENSION DEPT. ANNUAL REPORT YEAR 193023.  
j. Medical Service (continued)PHYSICAL EXAMINATIONS OF EMPLOYEES:

The plan of examining all members working for the Company was begun in February 1929, and has continued throughout the year 1930. All new employes must be examined before being put to work. During the year a considerable number of employes have been sent back to physicians for additional examinations and many of them are going to the physicians of their own accord following the information furnished them at the time of their first examination. This has been very beneficial to many of our employes.

Through the examinations, we have eliminated the putting to work of men who were not in fit physical condition to undertake the work expected of them. The examinations have continued satisfactorily in every way.

To the end of 1930 the following total number of examinations had been made for the different properties:

Cliffs-Shaft	367
Holmes	183
Morris-Lloyd	299
Negaunee	375
Maas	373
Athens	283
Gardner-Mackinaw	178
Spies-Virgil	116
Cliffs-Power & Light Co.	56
General Roll	67
Shops and Warehouse	32
Tilden	88
Miscellaneous	49
Minnesota	<u>1065</u>

Total ..... 3531

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k. Health

All of our cities have been quite free from contagious diseases. There were a few cases of typhoid fever in Negaunee, originating on a farm on the outskirts of the city. There has also been a small amount of typhoid in Marquette.

The following are the health officers for the district:

Ishpeming - Dr. G. G. Barnett  
 Negaunee - Dr. W. A. Mudge  
 Marquette - Dr. T. R. Laughbaun

l. Red Cross

The following officers have continued through the year 1930:

President - Thomas Redmond, Marquette  
 Vice " - Phillip Levine, Negaunee  
 Secretary - R. J. Chenneour, Ishpeming  
 Treasurer - E. S. Bice, Marquette

Of the Ishpeming Branch, Thomas Clancey has continued as Chairman.  
 Of the Negaunee Branch, F. A. Bell has continued as Chairman.

The annual Red Cross canvas for members was held in November with quite satisfactory results.

Mr. Walter Gries has continued as chairman of the Nursing Activities Committee of the chapter. Mrs. A. L. Johnson has continued as County Nurse under the direction of the Nursing Activities Committee of the Red Cross. Her salary and expenses are paid by the County, the committee directing her work by request of the County Board of Supervisors. Her report for the fiscal year ending September 30th, will be found on the following pages.

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23.

1. Red Cross (continued)

REPORT OF MARQUETTE COUNTY NURSE  
Fiscal year ending September 30, 1930

School Examinations.	
Number of Schools in County.....	47
Number of Schools examined .....	47
Number of children .....	2412
Number of defects September 1, 1929 to September 1, 1930	
Eyes .....	53
Teeth .....	1928
Tonsils .....	290
Pediculosis .....	175
Goiter .....	92
Malnutrition .....	765
Ears .....	5
Orthepedic .....	18
Total .....	3326
Number of corrections made by parents September 1, 1929 to Sept. 1, 1930	
Eyes .....	23
Teeth .....	77
Tonsils .....	22
Total .....	122
Number of corrections made and paid by Red Cross, Sept. 1, 1929 to Sept. 1, 1930	
Number of children having eyes corrected .....	14
Number of children having teeth corrected .....	68
Number of children having tonsils and adenoids operated .....	26
Total .....	118
Number of corrections made and paid for by Republic C.C.I.Co. Fund	
Number of children having teeth corrected .....	106
Number of children having tonsils and adenoids operated .....	5
Total .....	111
Total No. of corrections made by Parents, Red Cross and C.C.I.Co.Fund..351	
Number of days spent at Clinics.	
Tonsils .....	4
Dental .....	14
Mental .....	2
Chest .....	2
Total .....	22
Number of children taken to hospitals and schools.	
Orthepedic cases to Ann Arbor .....	62
Deaf and dumb School at Flint .....	2
School for Blind at Lansing .....	1
Adrian .....	1
Children placed with Michigan Children's Aid .....	1
Total .....	67
Investigations Made.	
For Ann Arbor .....	63
Associated Charities, Grand Rapids .....	15
Veterans Bureau .....	2
Michigan Children's Aid .....	5
County Poor .....	28



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1. Red Cross (continued)

<b>Meetings Attended.</b>	
Nurses meeting at Lansing .....	2
Nurses meeting at Flint .....	1
Nurses meeting at Marquette County .....	12
Red Cross at Marquette .....	1
T. B. at Morgan Heights .....	2
Marquette Medical Association .....	1
<b>Assisted and Accompanied.</b>	
Assisted with immunization against Diptheria. No. of children ..	1343
Assisted Dr. Bottum on achievement day at Marquette .....	1
Accompanied Princess Wattasa of Lansing, who gave health talks to children in twelve Rural Schools.	
<b>Miscellaneous.</b>	
Number of talks to Clubs, etc. ....	4
Number of talks to Schools .....	38
Number of letters written .....	1079
Number of home calls .....	727
Number of Office interviews .....	112

A Card Index has been made covering each child examined showing defects found and corrections made and a copy of same left in each school, and at Red Cross Headquarters at Marquette.

Martha C. Johnson, R. N.  
Marquette County Red Cross Nurse

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m. Relief Work

Help has been extended to certain families who have been in special need, through sickness or death, or special disability.

Following is a list of the assistance rendered:

	<u>Ishpeming</u>	<u>Negaunee</u>	<u>North Lake</u>	<u>Republic</u>	<u>Gwinn</u>	<u>Total</u>
January	\$ 235.43	\$ 397.52				\$632.95
February	153.82	201.22		\$ 19.98		375.02
March	221.77	405.63	\$ 18.55		\$ 23.82	669.77
April	107.73	342.93	30.78		13.55	494.99
May	85.55	307.64	22.14		13.69	429.02
June	111.14	323.15	13.54			447.83
July	108.24	376.59	13.54		14.03	512.40
August	97.33	170.86	35.30			303.49
September	157.05	234.64	67.91			459.60
October	331.48	337.28	46.72			715.48
November	438.20	378.17	50.46			866.83
December	<u>380.02</u>	<u>497.13</u>	<u>38.35</u>	<u>36.87</u>		<u>952.37</u>
Total	\$ 2427.76	\$ 3972.76	\$337.29	\$ 56.85	\$ 65.09	\$6859.75
No. of families Asst.	33	26	3	2	1	65
Average amount of Relief per Family .....						\$ 105.53

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n. Employment

All applications and records of employment are handled through this Department, and we have made careful investigation throughout the year of all new employes through correspondence or personal interview with the previous employers.

We have investigated all applications of young men giving their ages 18 or 19 to verify date of birth to make sure none were employed under age of 18.

We are now requiring a certified copy of their birth certificate or if this is not obtainable their baptismal certificate must be produced.

o. Incapacitated Employes

During the year payments have continued to certain men whose years of service do not bring them within the provisions of the Pension System. These men are those who have become incapacitated after a considerable period of service and some with very large families and who have been injured in our employment.

Some widows of men who lost their lives in previous years are included in this list.

The following is a statement of the families to whom these donations have been made:

DONATIONS TO INCAPACITATED EMPLOYES

Bennett Andrews	\$ 240.00
Thomas Davey	240.00
Fred Fredette	300.00
William Holman	45.00
John Hulkoff	180.00
Sam Metherill	216.00
Andrew Niemi	249.00
August Danielson	300.00
Ludwig Schneider	90.00
Edmond Durante	300.00
August Walline	300.00
Isaac Nikka	300.00
John Peterson	300.00
Axel Erickson	300.00
Edward Van Langenhoven	300.00
Nick Detoma	270.00
Edwin J. Goodman	300.00
John Fredrickson	125.00
Nestor Holm	300.00
Richard S. Johns	564.60
Henry Maki	300.00
John Perry	300.00
Charles Belanger	0.00
Donato Valenzio	150.00
William Anderson	75.00
Fred Carlson	60.00
	<u>6104.60</u>

\$ 6104.60

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o. Incapacitated Employes (continued)

Brought Forward . . . . . \$ 6104.60

DONATIONS TO WIDOWS

Mrs. Rose Bertucci	\$ 180.00	
Mrs. Matilda Carlson	180.00	
Mrs. Henry Karkkainen	180.00	
Mrs. John Makela	300.00	
Mrs. Wilhelmina Marjamaa	180.00	
Gust Myllimaki Estate	180.00	
Mrs. Kate Tuomela	<u>240.00</u>	
		<u>1440.00</u>
		\$ 7544.00

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p. Cost of Living

We have continued to send out our report blanks on the 15th of each month to various stores in our different communities upon which are reported the prices of the different commodities considered by the United States Government in computing the Cost of Living.

This serves to advise the store keepers that we are keeping track of the prices which they are charging which we believe has served in some measure to keep the prices in our various stores at a somewhat reasonable figure.

q. Improvement Work

Mr. Warren H. Manning made two visits to this district; the first from May 10th to 12th, and the second one the first of October. Mr. Manning was up in this region on other occasions for the study of land holdings of The Cleveland-Cliffs Iron Company in the upper Peninsula and also in the matter relating to the proposed Ishpeming Hotel.

The regular inspections made by him covered all the properties of the Mining Department in Ishpeming, Negaunee and North Lake, the Land Department in Negaunee and the Furnace and Lumbering Departments in Marquette.

Julian Payan looked after the work during the season at all properties.

On the following sheet is a statement of the cost of improvement work and the care of the different properties through out the year.

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q. Improvement Work (continued)

The statement following shows cost for the year at the different locations:

	#1 Regular Labor	#2 Regular Materials	#3 New Con- struct- ion Labor	#4 New Con- struction Materials	#5 W. H. Manning Services	#6 J. Payen Services & Exp.	TOTAL CHARGES
Athens Mine	443.86	107.76			40.00	9.36	600.98
Barnum Location							
Barn Grounds	90.88	47.38			17.50	7.75	163.51
Barn Street	200.87	36.90					237.77
Carl Brewer's Grounds	334.73	44.22				18.96	397.91
Brewer's Alley	5.70	12.52					18.22
Central Office	1105.96	193.67			40.00	65.64	1405.27(1)
Cleve. Hillside Field	3.80	15.59					19.39
Cliffs Cottage Grounds	1653.44	286.73			126.00	102.27	2168.44
Cliffs Cottage Grove	104.50	39.84					144.34
Cliffs-Shaft Mine	672.03	7.95			40.00	13.66	733.64
Dr. Crane's Grounds	21.85					.96	22.81
E.L. Derby's Grounds	15.20				20.00	2.38	37.58
Division Street Plat	9.50	8.18					17.68
Manager's Grounds	1697.60	1046.17			48.00	76.17	2867.94(2)
Holmes Mine	535.80	7.55			42.00	11.45	596.80
Ishpeming Hospital	1052.15	128.64			88.00	47.97	1316.76
G.R. Jackson's Grounds	494.04	332.20				39.58	865.82(3)
Jasper Street	83.42	43.27					126.69
Maas Mine	433.26	112.05			40.00	10.59	595.90
Machine Shop Grounds	147.30	44.37			14.00	4.46	210.13
O.D. McClure's Grounds	296.80	197.21				17.15	511.16(4)
Mechanical Office Grds.	126.38	50.23			20.00	7.53	204.14
W.R. Meyers Grounds	59.50				40.00	6.89	106.39
Mine Pits	17.10	15.78				.69	33.57
Morris-Lloyd Mine	284.22	18.99			20.00	8.80	332.01
Negaunee Dispensary	15.20	5.50				2.06	22.76
Negaunee Mine	520.07	266.45	324.32 (5)	17.74	40.00	10.79	1179.37
North Lake Club						2.96	2.96
North Lake Location	406.03	11.98			40.00		458.01
North Lake Supt. Grds.	526.52	13.61			20.00	6.14	566.27
Nursery	7.30	3.07					10.37
E.E. Riedinger's Grds.	17.13				8.00	.22	25.35
Salisbury Location							
Seventh Street	11.40	13.35					24.75
Storehouse & Blk. Shop	58.83	46.64			8.50	12.12	126.09
A.J. Yungbluth's Grds.	11.40				8.00	.67	20.07
Hoist Dam					80.00		80.00
<b>TOTAL</b>	<b>11463.77</b>	<b>3157.80</b>	<b>324.32</b>	<b>17.74</b>	<b>(1) 800.00</b>	<b>487.22</b>	<b>16250.85</b>

See notes on following sheet.

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

q. Improvement Work (continued)

Explanation of Charges:

(1)	Central Office: Includes cost of making new lawn	Labor	\$ 965.38
(2)	Manager's Grounds: Includes cost of new watering system and 1 new power lawn mower purchased	Supplies	275.83
(3)	Mr. G. R. Jackson's Grounds: Includes proportion of cost of new watering system	Supplies	251.00
(4)	Mr. O. D. McClure's Grounds: Includes proportion of cost of new watering system	Supplies	211.58
(5)	Negaunee Mine: N.W. corner of lawn around office was extended and fenced this year.	Supplies	71.83

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

r. Prize Premises

The plan introduced by Mr. Mather in 1894, of offering prizes for Best Kept Premises and Vegetable Gardens, was continued for 1929 with fully as much interest resulting as in any previous years.

This plan has served to make the home grounds throughout our cities the most generally attractive of any similar community of which we are acquainted.

The following is a list showing the distribution of the prizes which was made just previous to Christmas:

	<u>Best Kept Premises</u>	<u>Vegetable Gardens</u>	<u>School Gardens</u>	<u>Total Prizes</u>
Ishpeming	\$ 100.00	\$ 100.00	\$ 75.00	\$ 275.00
North Lake	50.00	50.00		100.00
Negaunee	50.00	50.00		100.00
Gwinn	25.00	25.00		50.00
Iron River	12.50	12.50		25.00
	<u>\$ 237.50</u>	<u>\$ 237.50</u>	<u>\$ 75.00</u>	<u>\$ 550.00</u>

s. Community Service Work

The Legion Building and the Y. M. C. A. at Ishpeming are serving the city as meeting places for activities of all kinds and the two buildings are meeting the city requirements in the most satisfactory manner.

The Legion Building in Negaunee, opened in 1927, has worked out very satisfactorily and is proving of great service in the Community.

The plan of the two Legion Clubs at Ishpeming and Negaunee of taking in other men as associate members has proven a very good thing and serves to keep the other men of the community in close touch with the Legion work.

t. Clubs

The Mining Club continued its meetings through the Fall, Winter and Spring with Captain Rough as President. At the Spring meeting, Joseph Thomas was elected Secretary.

The Annual picnic was held on August 23, 1930 at Au Train Falls. This gave the members of the Club the opportunity of looking over the construction of the new dam. The members and guests went down to the Falls in automobiles.

u. Outdoor Sports

This Department assisted in the annual Ski Tournament on February 22nd. There was so little snow on the Main Streets of town that it was impossible to hold the dog races. The tournament was one of the best that has ever been held in Ishpeming. The gold, silver and bronze metals provided by Mr. Mather for the longest standing jumps by Marquette County contestants were awarded at the Ishpeming Ski Club banquet which was held following the tournament.



PENSION DEPT. ANNUAL REPORT YEAR 1930

23.

w. Various Departments

Throughout the year this Department has cooperated with the other Departments and frequent visits have been made concerning Workmen's Compensation and accident cases, pension matters and medical service.

The welfare statements are found on the following sheets.

PENSION DEPT.ANNUAL REPORTYEAR 1930STATEMENT OF EXPENSES OF PENSION DEPARTMENT  
FOR FIVE YEAR PERIOD FROM JANUARY 1ST, 1926 TO DECEMBER 31ST, 1930.

23.

w. Various Departments

ACCT. NO.		1926	1927	1928	1929	1930
A-1	Salaries of Superintendent of Pension Department and assistants	9669 55	9578 00	9855 18	9718 92	8770 00
B	Prizes to tenants and employees for Best Kept Premises, Gardens, Etc.	743 35	697 50	600 00	500 00	570 00
C	All expenses of Supt. of Pension Dept. including travelling expenses & livery	372 34	508 38	582 96	492 94	568 99
D	Salary and expenses of Visiting Nurse - Ishpeming	2174 45	2226 41	2061 98	2166 55	2196 76
	Rest Cottage - Deer Lake	744 98	633 73	1019 70		
	Salary and expenses of Visiting Nurse - Negaunee	2350 47	2331 83	2353 03	2359 88	2427 92
	Salary and expenses of Visiting Nurse - Gwinn	1866 83	406 98			
	Rest Camp - Bass Lake	366 60				
	Our proportion of Visiting Nurse Expense - Iron River	291 91	221 57	291 05	224 18	234 33
E	Apparatus, Express and Freight	8 26	13 27	10 61	17 20	
	Photographs			79 98	10 00	
F	Miscellaneous Expense					
	Books, cuts, magazines, papers, etc.	260 93	268 03	329 67	332 13	220 89
	Incidental Expenses - Mining Department	7 20	287 70	467 94	68 98	956 10
	Incidental Expenses - To Treasurer		4 25			
	Donations to Incapacitated Employees	2338 00	2370 00	2225 00	6079 60	6104 60
	Membership in Associations	100 00	15 00	20 00	20 00	120 00
	Other Donations	1873 65	1778 73	1802 07	1620 97	1440 00
	Relief rendered during curtailment of forces at the Mines	3967 88	5865 97	1892 37	4410 50	6859 75
	Land Improvement Work - Depreciation on Ford Truck	174 71	174 71	65 91		
G	Employees Clubs					
	Bowling Alley and Club Work	46 26	57 48	138 88	40 00	17 00
	Superintendents Lunches and Incidentals	79 00	70 12	132 00	77 75	
	Gwinn Club House	5425 99	4371 91	1194 79	1130 88	1398 96
	Ishpeming Y M C A	2412 00	5100 00	2760 00	2760 00	2760 00
	North Lake Club House	3596 66	2637 05	4129 46	3489 69	3658 13
H	Office Expense					
	Stationery, Office Supplies and Expenses - To Treasurer	612 96	617 29	423 86	1118 20	1159 35
	Stationery, Office Supplies and Expenses - Mining Department	94 38	43 22	43 60		
	Office Furniture and Equipment	23 37	39 00	31 20	156 60	8 34
	Postage	189 75	262 40	260 49	318 00	264 75
		39860 66	40780 53	32791 73	37112 97	39735 87
DISTRIBUTION						
	Mining Department	29185 92	33311 61	28491 88	33118 51	35764 23
	Land Department	658 53	319 94	284 69	241 67	217 13
	Furnace Department	1480 39	1530 62	1656 41	1694 96	1522 78
	Lumbering Department	856 42	839 47	1163 96	926 95	832 77
	Gwinn District Office Expense	7679 42	4778 89	1194 79	1130 88	1398 96
		39860 66	40780 53	32791 73	37112 97	39735 87

PENSION DEPT. ANNUAL REPORT YEAR 1930

23. Various Departments (continued)

LAND DEPARTMENT

COMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSE

1928 and 1929 and 1930

	<u>1928</u>	<u>1929</u>	<u>1930</u>
<u>General Welfare Acc. #11.</u>			
A-2 Prop. Chgd. By Treas.	284.30	244.20	217.13
11-F Miscellaneous Expense	810.96	810.96	810.96
	<u>1095.26</u>	<u>1055.16</u>	<u>1028.09</u>
 <u>Donations</u>			
Negaunee Fire Department	10.00	10.00	10.00
Munising Baseball Club			
Munising Fire Department	10.00		
U. P. Development Bureau	750.00	750.00	750.00
John Ripley			
Munising Golf Club	70.24		
Alger County Club			9.16
D. W. McDougall			61.00
Forest Taxation			300.00
 <u>Compensation</u>			
a. funeral expense			
d. legal expense	30.65		
g. medical expense	13.45		10.55
h. compensation	1742.35	380.00	286.80
i. monthly payments to doctors	72.50	87.00	89.00
Percentage of Payrolls			
Actual Compensation Payments	.02185	.02204	.00552

PENSION DEPT.      ANNUAL REPORT      YEAR 1930

23.

w. Various Departments (continued)

LAKE SUPERIOR & ISHPEMING RAILROAD CO.

COMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSE

FOR THE YEARS 1926 TO 1930 INCLUSIVE

	<u>1926</u>	<u>1927</u>	<u>1928</u>	<u>1929</u>	<u>1930</u>
<u>Donations:</u>					
Fire Department	40.00	45.00	45.00	35.00	35.00
Celebrations					100.00
Ishpeming Y.M.C.A.				200.00	200.00
Visiting Nurse-Marq.	180.00	60.00	120.00	90.00	120.00
Munising Hospital	600.00				
St. Lukes Hospital	400.00	400.00	400.00	400.00	400.00
To Employes & Families	540.00	840.00	690.00		
Pensions	<u>432.00</u>	<u>432.00</u>	<u>432.00</u>	<u>396.00</u>	<u>947.85</u>
	2192.00	1777.00	1687.00	1121.00	1802.85
<u>Compensation:</u>					
Compensation Paid	3969.01	1590.36	2371.65	3264.71	2465.53
Medical Expense	972.68	1019.29	1169.95	1076.21	535.29
Percentage of Payrolls					
Act. Comp. Payments	.0042	.0018	.0026	.0033	.0027

PENSION DEPT. ANNUAL REPORT YEAR 1930

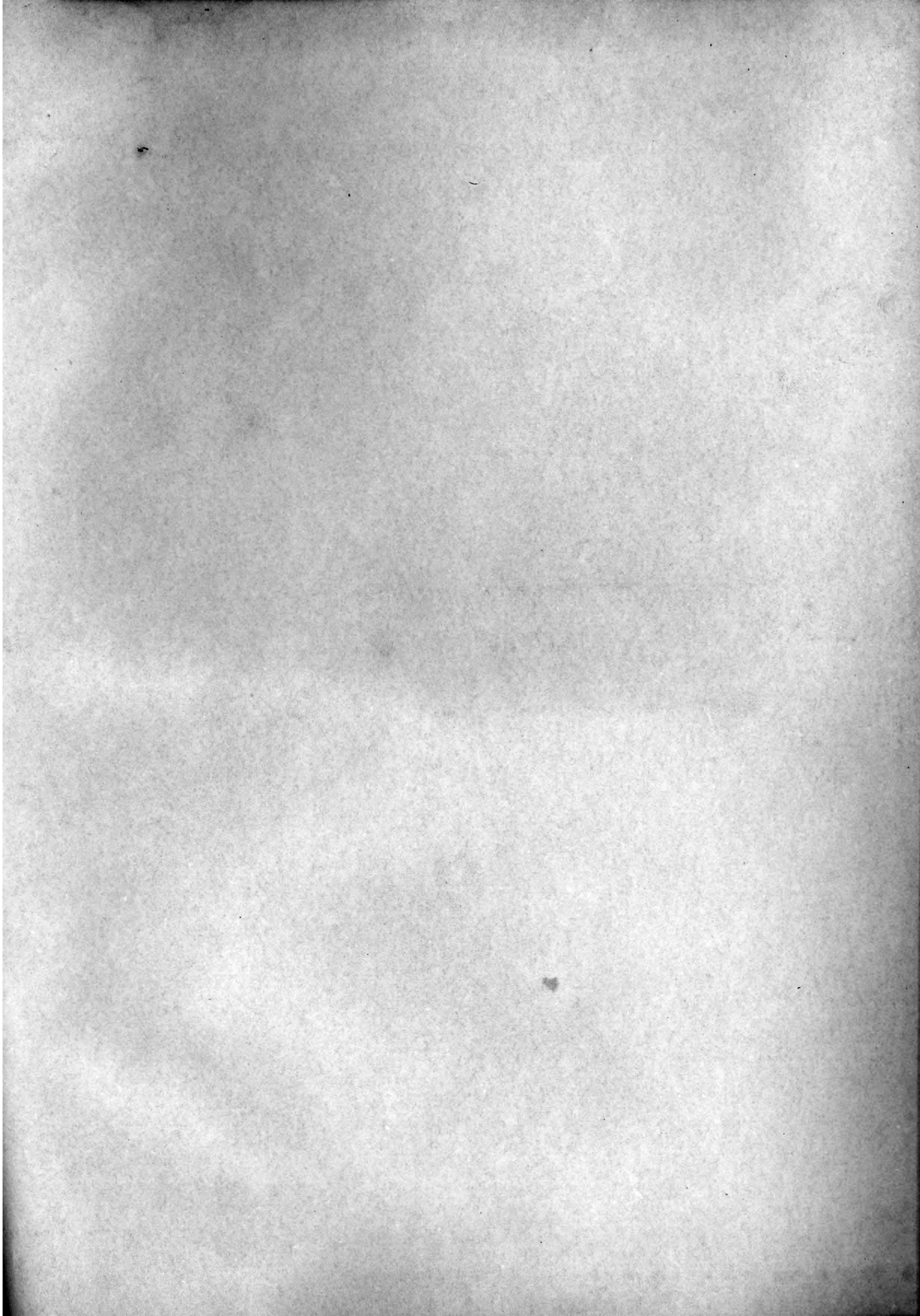
23.

w. Various Departments (continued)PIONEER IRON COMPANY FURNACE DEPT.COMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSE  
YEARS - 1926, 1927, 1928, 1929, 1930

	<u>1926</u>	<u>1927</u>	<u>1928</u>	<u>1929</u>	<u>1930</u>
<u>General Welfare Acct. #11.</u>					
A-2 Prop.Charged by Treas.	1551.71	2093.12	2040.32	1703.11	1522.78
B Prizes to Tenants					
Xmas Baskets				10.63	25.11
Community Chest	375.00	375.00	375.00	281.25	
Flowers-Deceased Employes				10.00	
Marq. Independent Basket- ball League					16.00
Dinner for employes who assisted Alfred Malette					48.75
<u>Donations</u>					
American Legion			15.00		
Fire Department	10.00	10.00	10.00	10.00	
Persons (Mrs.Orhonen & Mrs.Cameron)	370.00	600.00	460.00	350.00	427.18
House Rents	90.00	90.00		90.00	
Golf Club			1000.00		
B.of R.T.-(Railroad Trainmen)				10.00	
Societies	10.00				
Community Chest					375.00
Michigan Regimental Reunion					25.00
<u>Institutions</u>					
St. Luke's Hospital	400.00	400.00	400.00	400.00	400.00
Tubercular Stamps			2.00		
	<u>2806.71</u>	<u>3478.12</u>	<u>4302.32</u>	<u>2864.99</u>	<u>2839.82</u>
<u>Pension Paid</u>	<u>5351.35</u>	<u>4819.73</u>	<u>5481.50</u>	<u>6137.02</u>	<u>6191.42</u>
TOTAL	8158.06	8297.85	9783.82	9002.01	9031.24
<u>Safety Work</u>					
Charges for work & equipment	78.40	69.70	61.58	63.75	70.58
<u>Compensation</u>					
Medical & Hospital Expense	1400.36	1327.29	3728.47	3362.12	3861.51
Compensation Paid	3267.50	3032.93	3272.73	2699.42	2204.81
<u>Compensation Payments- Percentage of Payrolls</u>					
Marquette Plant	.006440	.006389	.0067807	.005573	.004762

PENSION DEPT. ANNUAL REPORT YEAR 193025.  
w. Various Departments (continued)LUMBERING DEPARTMENTCOMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSEFOR THE YEARS 1926 to 1930 INCLUSIVE

	<u>1926</u>	<u>1927</u>	<u>1928</u>	<u>1929</u>	<u>1930</u>
<u>General Welfare Acct.#11</u>					
Prop. Chgd. by Treas.	852.62	844.64	1158.16	931.40	832.77
<u>Donations</u>					
Various Societies	10.00	5.00	5.00	10.00	60.00
Red Cross		10.00		10.00	10.00
<u>Safety Work</u>					
Supplies	36.04	37.85	47.33	14.31	32.64
<u>Compensation</u>					
Medical and Hospital	4772.05	7901.30	5982.94	5334.29	7885.75
Compensation Payments	2572.42	4497.05	5109.87	5799.19	6522.40
Percentage of Payrolls	.02240	.04035	.02965	.03555	.03483



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