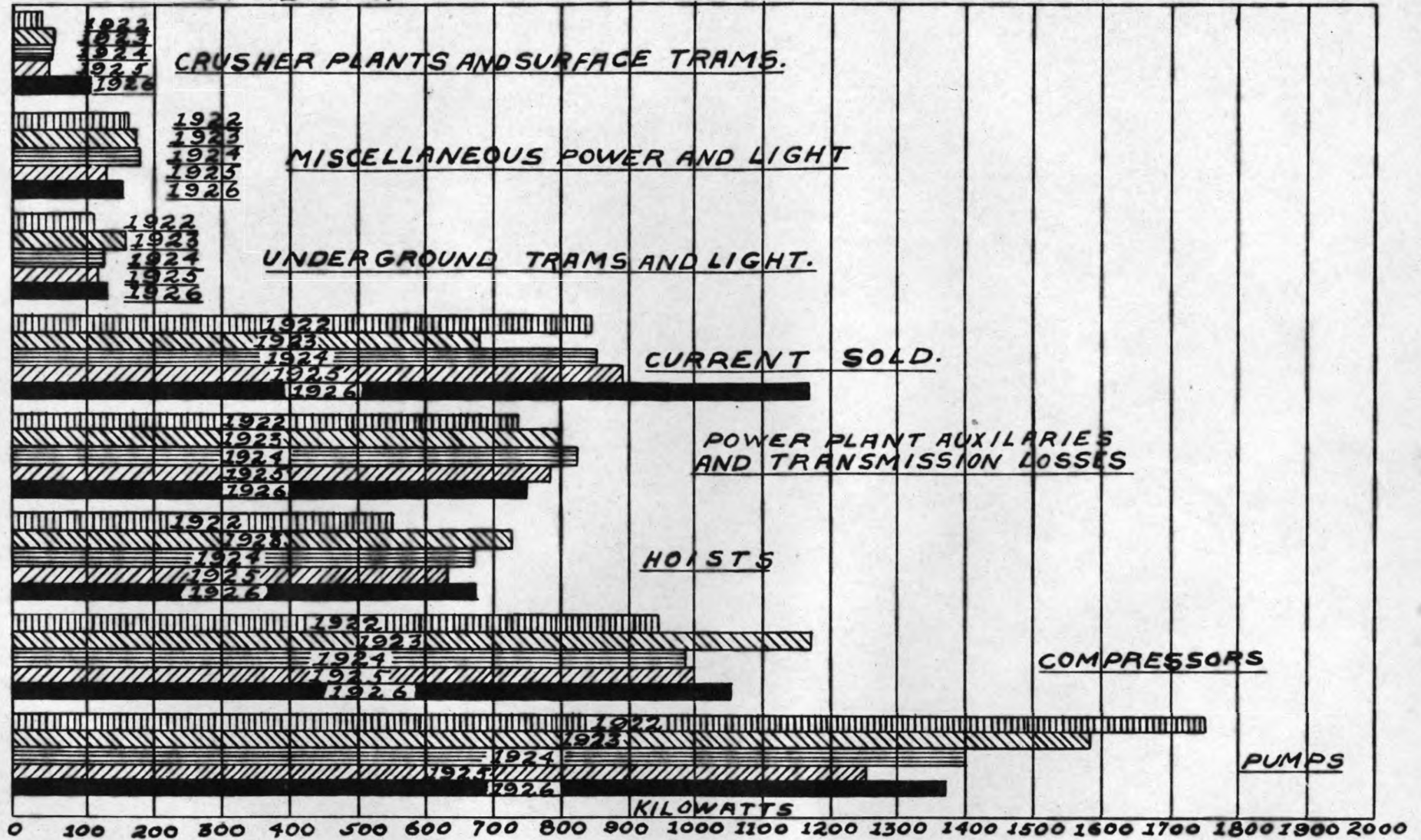
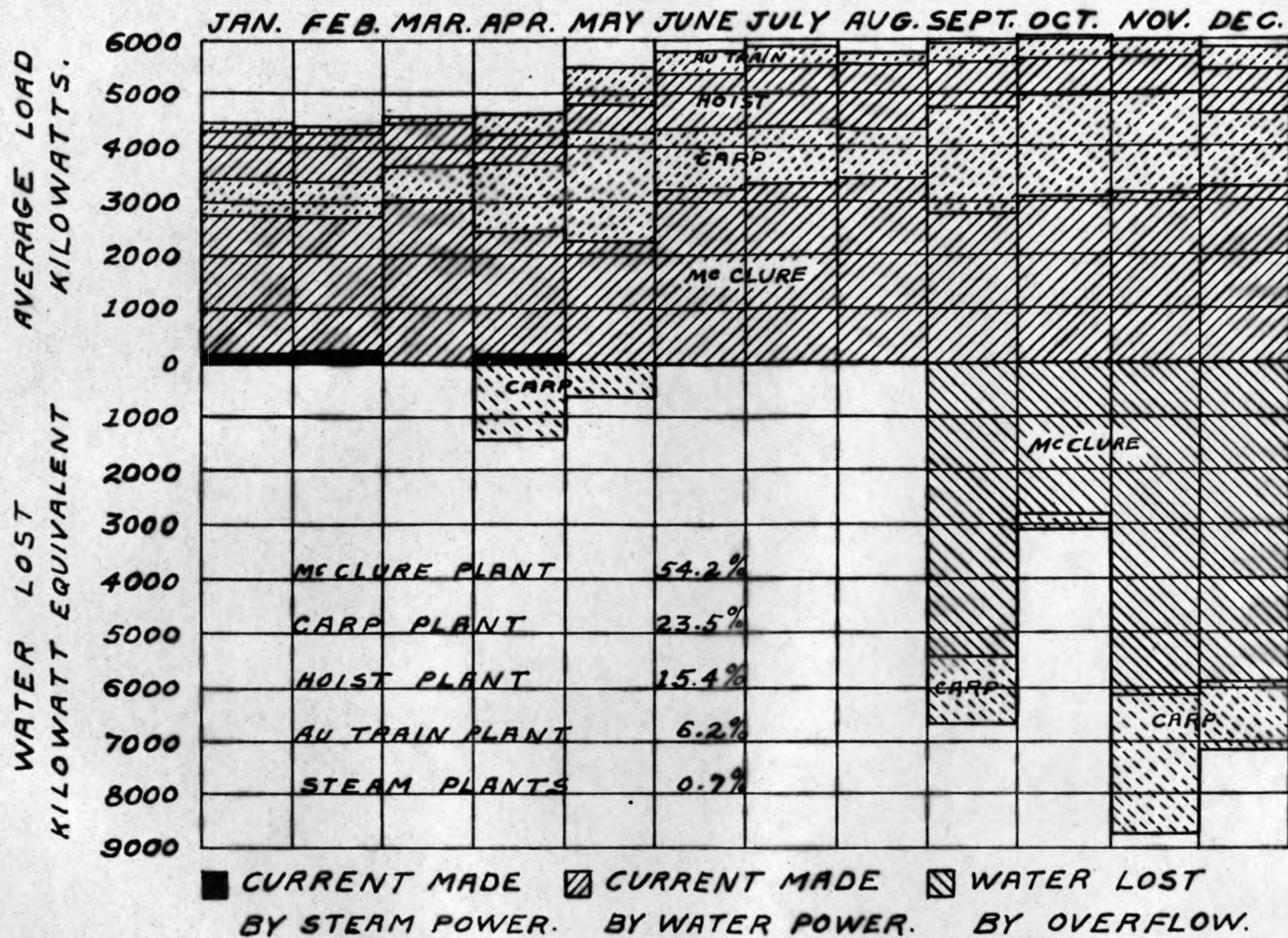
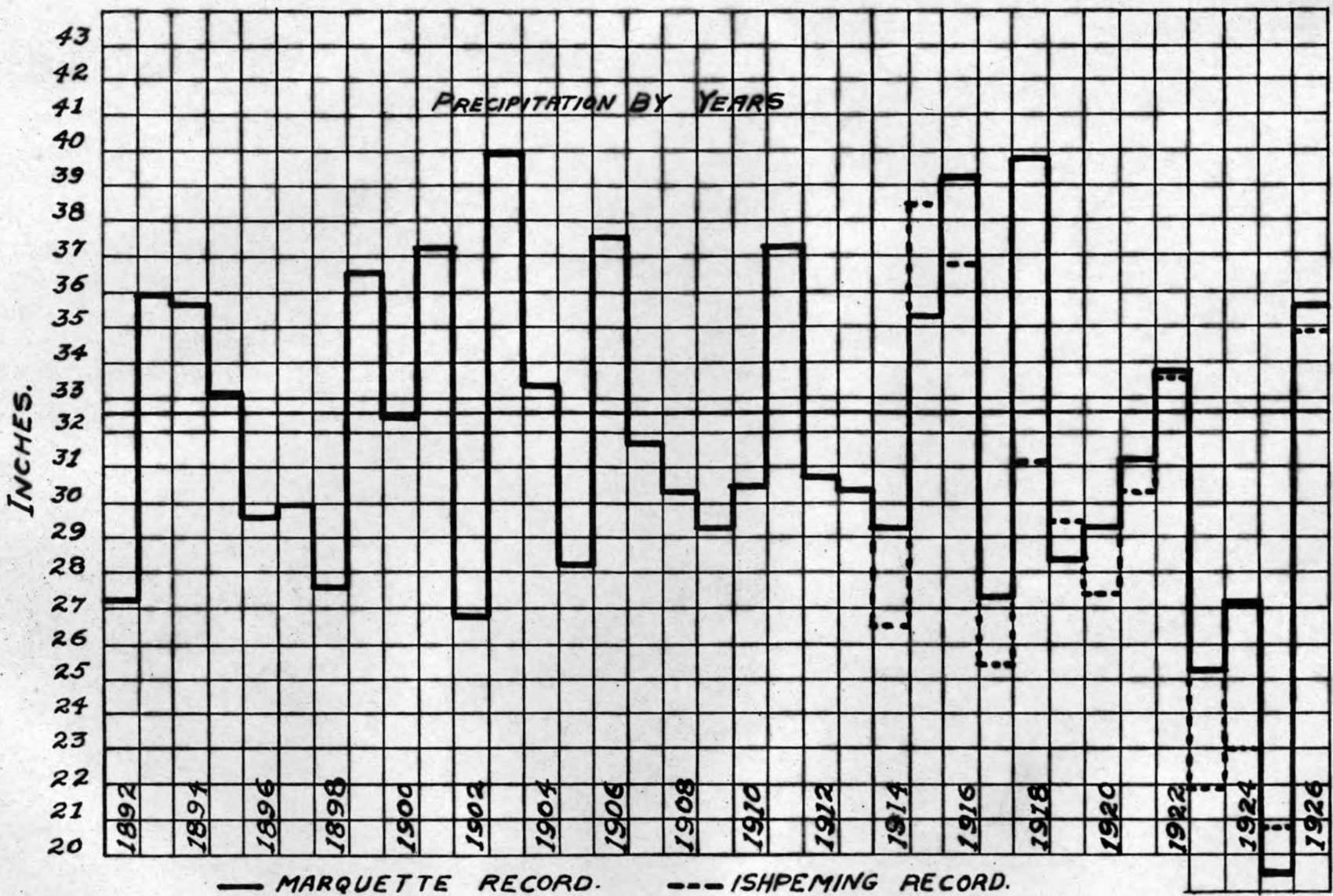


DISTRIBUTION OF ELECTRIC POWER 1922-1923-1924-1925-1926.



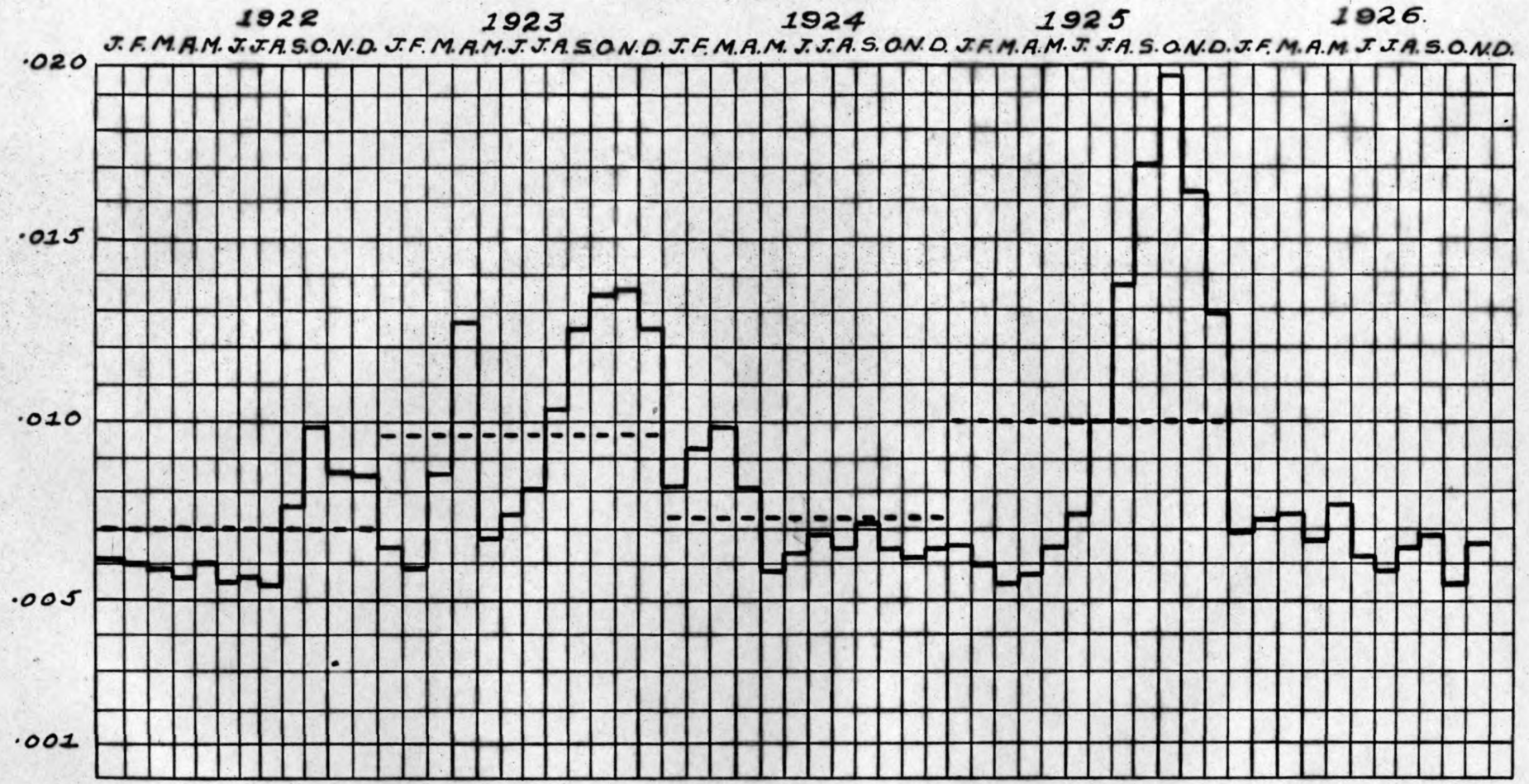
1926.





— MARQUETTE RECORD. - - - ISHPEMING RECORD.

COST DIAGRAM.



21. ANNUAL REPORT OF THE MINING ENGINEERING DEPARTMENT FOR THE YEAR
ENDING DECEMBER 31, 1926.

Ishpeming, Michigan,
January 12, 1927.

ENGINEERING DEPARTMENT.

The following is the report of the Engineering Department. The photographic maps and views which form part of this report have been bound and the books labeled as follows:

A. LIST OF ANNUAL REPORT MAP BOOKS FOR 1926.

- Cleveland-Cliffs Iron Company,
Ishpeming, Republic & Iron River Districts.

- Cleveland-Cliffs Iron Company,
North Lake District.

- Cleveland-Cliffs Iron Company,
Gwinn District.

- Cleveland-Cliffs Iron Company,
Mesabi District.

- Cleveland-Cliffs Iron Company,
Negaunee District & Hydro-Electric System.

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 is to be kept in the vault in this office.

Special books have been prepared for the other companies which are 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:

BOOKS.

| NO. | MINE OR DISTRICT. | FOR WHOM. |
|-----|----------------------------------|--|
| 1 | Negaunee Mine, | Bethlehem Iron & Steel Corporation. |
| 1 | Athens Mine, | Pickands, Mather & Company. |
| 1 | Boeing Mine, | Colonel J. B. Cavanaugh. |
| 1 | Mesabi District, | M. H. Barber. |
| 5 | Boeing & Hill-Trumbull Mines, | Directors, Mesaba-Cliffs Iron Mining Co. |
| 2 | Boeing & Hill-Trumbull Mines, | Arthur Iron Mining Company. |
| 1 | Negaunee District, | G. R. Jackson. |
| 1 | Gwinn District, | W. W. Graff. |
| 1 | North Lake District, | C. J. Stakel. |
| 1 | Republic & Iron River Districts, | W. R. Meyers. |

LOOSE LEAVES.

| | |
|-------------------------------|------------------|
| Cliffs Shaft, Holmes & Ogden, | Lucien Eaton. |
| Boeing Mine, | Carl Brewer. |
| Hill-Trumbull, | H. C. Bolthouse. |
| Hydro-Electric Views, | O. D. McClure. |

B. Maps of the Athens Mine have been sent monthly to the Cleveland office for Pickands, Mather & Company. No mining operations were conducted during the year 1925 upon the portion known as the Corbit lease but maps have been sent twice this year to Mr. F. A. Bell, Trustee. On the Mitchell lease mining operations have been conducted. Maps for the fee owners have been supplied upon demand.

No maps of the Barnes-Hecker or Moore and Chase properties have been requested during 1926. Mr. P. P. Chase has made several visits to this office and has been informed as to the progress of mining operations.

For the fee owners of the Negaunee Mine, 14 sets of maps of main levels have been prepared and sent to the Cleveland office.

Maps of the Roman Catholic Cemetery property at Negaunee have been sent each month to Mr. R. S. Archibald, the engineer in charge. For the Stephenson Mine fee owners, maps have been furnished to their engineer from the Gwinn office.

The Lessors of the Virgil Mine have been furnished with maps in accordance with the terms of the lease.

Following the above, I have added a few remarks on the Abstract Department and on various subjects.

Mr. R. J. Chenneour, Assistant Engineer, has written the following pages covering the report of work done by the force employed in the Engineering office.

J. E. Jopling
Chief Engineer.

JEJ:LTD.

C. REMARKS ON THE ABSTRACT DEPARTMENT AND VARIOUS SUBJECTS FOR THE YEAR 1926.

Documents received have been recorded and copies made where necessary.

MINING OPTIONS AND LEASES.

The options are as follows:

No.111, Spies Mineral Land Company to The Cleveland-Cliffs Iron Company,
covers land adjoining the Spies Mine.

No.112, The Cleveland-Cliffs Iron Company to the Ford Motor Company,
covers Carpenter-Neely property.

No.113, B. Magoffin, Jr. to The Cleveland-Cliffs Iron Company, consists
of the Clark Mine on the Guyuna Range.

No leases were acquired or granted during the year.

MISCELLANEOUS DOCUMENTS RECORDED.

The following is a list of documents recorded during the year:

| | NO. RECEIVED. LAST FILE NO. | |
|--------------------------|-----------------------------|------|
| Land offers, - - - | 61 | 1634 |
| Deeds and Miscellaneous, | 38 | 947 |
| Easements, - - - | 2 | 151 |
| Rights of Way, - - - | 3 | 204 |
| Water Rights, - - - | 14 | 49 |
| Surface leases, - - | 35 | 2518 |
| Application for Sale, - | 7 | 88 |
| Sales, - - - - | 8 | 421 |
| Tax Histories, - - - | 4 | 558 |
| Legal Opinions, - - | 1 | 190 |

LAND OFFERS.

Of the land offers, 29 were those of lots and house property in Negaunee. The rest were mostly all mineral lands.

DEEDS AND MISCELLANEOUS DOCUMENTS.

The principal ones of these consisted of deeds and lots in Negaunee to this Company. Among the deeds were those from this Company to the Cliffs Power & Light Company.

SURFACE LEASES.

As usual, these cover farm and lot leases in Marquette County.

SALES.

These were farms and camp sites.

LAND OFFER PLAT BOOKS.

The land offers have been posted in these books.

ABSTRACTS OF TITLE.

A number of abstracts have been added in the series of mineral lands. The number has now reached 333.

The Minnesota abstracts, completed in 1925, run from 350 to 397.

The Hydro-Electric abstracts, which began at 500, have now reached 678.

A number of additions have been made to the abstract books during the year and copies of the loose-leaf sheets, together with maps, have been sent to the Cleveland office and the Land Department. There still remains to be acquired several abstracts, mostly in the water power districts, and some posting must be done to bring the books up to date, which will be begun when the engineers have time.

MICHIGAN STATE TAX COMMISSION.

Maps and estimates of tonnages of the various mines were sent to the Tax Commission as usual.

CARBON FOR DIAMOND DRILLING.

No carbon for diamond drilling was purchased in 1926.

D. THE FORCE.

Carl Slick was employed as an engineer from June 21st to September 4th, $2\frac{1}{2}$ months.

Clifford Anderson was employed as engineer's helper from June 21st to August 31st, $2\frac{1}{4}$ months.

Clayton T. McNeil was employed as engineer's helper from September 7th to September 25th, a half month.

Charles Bargeon was employed as a chopper from June 28th to October 15th, $3\frac{1}{2}$ months.

Charles Feller was employed as a chopper and rodman from September 1st to October 15th, $1\frac{1}{2}$ months.

The above men were employed during the summer months surveying and contouring ore areas in the Tilden District.

F. A. Olson left the employ of the Company the first part of January, 1926 to become safety engineer for the Inland Steel Company.

Albert Rock, an engineer's helper and truck driver, was discharged on October 18th.

Ernest Decaire, Jr. was employed as an engineer's helper and truck driver on October 20th. He is doing the work which was formerly done by Albert Rock.

With the above exceptions, the personnel of the Department is the same as in the year 1925.

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

| NAME. | POSITION. | ENTERED. |
|------------------|-----------------------|-------------------|
| R. J. Chenneour, | Asst. Chief Engineer, | Entire year. |
| H. O. Moulton, | Engineer, | " " |
| J. Trosvig, | " | " " |
| T. A. Miller, | " | " " |
| S. Malmgren, | Helper, | " " |
| C. W. Nicolson, | Engineer, | " " |
| K. C. Pellow, | " | " " |
| A. Minnear, | Helper, | " " |
| C. W. Allen, | Engineer, | " " |
| E. Decaire, Jr. | Helper, | October 20, 1926. |

The following table shows days worked, days sickness, percentage of days worked, etc, for all men in the Department. The vacation column is net, after deducting over time, such as Sundays and holidays worked;

| NAME. | DAYS WORKED. | DAYS VACATION. | DAYS SICK. | TOTAL DAYS. | PERCENTAGE DAYS WORKED. |
|------------------|--------------|----------------|------------|-------------|-------------------------|
| R. J. Chenneour, | 275 | 7 | 3½ | 264½ | 96 |
| H. O. Moulton, | 275 | 8½ | 0 | 266½ | 97 |
| C. W. Nicolson, | 184 | 13½ | 1½ | 169 | 92 |
| T. A. Miller, | 275 | 9½ | 4½ | 261 | 95 |
| K. C. Pellow, | 275 | 5 | 4 | 266 | 97 |
| J. Trosvig, | 275 | 0 | 1 | 279 | 101 |
| C. W. Allen, | 275 | ½ | ½ | 274 | 100 |
| A. Minnear, | 275 | 0 | 0 | 275 | 100 |
| S. Malmgren, | 275 | 0 | 7½ | 275 | 100 |
| E. Decaire, jr., | 69 | 0 | 0 | 69 | 100 |

The following table shows the number of days lost because of sickness and vacation for the last five years by the men in the Department:

| NAME. | 1922. | | 1923. | | 1924. | | 1925. | | 1926. | |
|------------------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|-----------|-------|
| | VACATION. | SICK. | VACATION. | SICK. | VACATION. | SICK. | VACATION. | SICK. | VACATION. | SICK. |
| R. J. Chenneour, | 11 | 0 | 6 | 0 | 1½ | 0 | 6 | 0 | 7 | 3½ |
| H. O. Moulton, | 23 | 2 | 9½ | 1 | 7 | 0 | 6½ | 2 | 8½ | 0 |
| C. W. Nicolson, | 10½ | 0 | 1 | 0 | 17½ | 0 | 12 | 0 | 13½ | 1½ |
| T. A. Miller, | 23 | 0 | 7½ | 0 | 7½ | 0 | 9 | 3 | 9½ | 4½ |
| K. C. Pellow, | 11 | 7½ | 9½ | 7 | 3½ | 9½ | 0 | 6 | 5 | 4 |
| J. Trosvig, | 10 | 5 | 0 | 0 | 8 | 5½ | 11½ | 0 | 0 | 1 |
| A. Minnear, | 0 | 0 | 4 | 2 | 4 | ½ | 8 | 1½ | 0 | 0 |
| A. Malmgren, | 0 | 0 | 0 | 0 | 0 | 3½ | 0 | 4 | 0 | 7½ |
| C. W. Allen, | | | | | | | 0 | 0 | ½ | ½ |
| E. Decaire, jr., | | | | | | | 0 | 0 | 0 | 0 |

The following table gives the names of the men employed in the Department during the last five years, arranged in order of entrance, showing the number of months worked and the average number of men per year:

| | 1922. | 1923. | 1924. | 1925. | 1926. |
|------------------------|-------|-------|---------|-------|-------|
| R. J. Chenneour, | 12 | 12 | 12 | 12 | 12 |
| H. O. Moulton, | 12 | 12 | 12 | 12 | 12 |
| A. Rock, | 12 | 12 | 12 | 12 | 9½ |
| J. Trosvig, | 12 | 12 | 12 | 12 | 12 |
| J. E. Hayden, | 12 | 12 | 12 | 5½ | 0 |
| T. A. Miller, | 12 | 12 | 12 | 12 | 12 |
| S. Malmgren, | 0 | 12 | 12 | 12 | 12 |
| C. W. Nicolson, | 12 | 12 | 12 | 12 | 12 |
| A. Minnear, | 3½ | 12 | 12 | 12 | 12 |
| K. C. Pellow, | 12 | 12 | 12 | 12 | 12 |
| F. A. Olson, | 0 | 0 | 10 | 12 | ½ |
| C. W. Allen, | | | | 6 | 12 |
| E. Decaire, Jr., | | | | | 2½ |
| Average number of men, | 8½ | 10 | 10 2/12 | 10½ | 10 |

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

Reginald J. Chennecour, as Assistant Chief Mining Engineer, has had charge of the office during the year, supervising the office work, field and underground surveys. At various times he assisted the engineers with their underground and surface surveys. He spent 36 days underground and 48 days in the field.

In May, he made an estimate of the Cleveland-Cliffs Iron Company's ore in stock at the Algoma Steel Corporation plant at Sault Ste. Marie, Ontario.

In August, he was underground at the Caspian Mine at Iron River with Captain Rough, examining a sand area in this mine. A report was made covering recommendations as to mining.

In October, he was at the Wakefield Mine, at which time three cars of Athens ore was run through their drying plant. Pickands, Mather & Company's representatives also witnessed this test run. A report was made covering the operation.

In November, he spent 10 days at the Barnes-Hecker Mine working night shift.

He made surveys of the Silver Lake dam and checked over the high water mark, especially in the East end of the basin where a low spot was reported to exist.

He supervised the raising of the township bridge across the Boyce Creek. This was necessary because of the extreme high water in the Dead River storage basin.

He assisted Mr. Jopling in the field checking over the Weber lands in the Dead River storage basin to determine the land which would be required for storage purposes.

In the field he measured the houses in the Race Track parcel to enable foundation plans to be prepared.

In the office he assisted Mr. Jopling in checking over land descriptions which were to be included in the deed to the Cliffs Power & Light Company. He also assembled the annual report and Tax Commission maps and had them printed and bound in books.

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

| UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|--------------|--------|---------|--------|
| 14 | 18 | 68 | 100 |

Henry O. Moulton, Engineer, has been in charge of the engineering work at the Negaunee and Maas Mines for the entire year.

For the Negaunee Mine, he made weekly surveys and noted and posted geology, made stockpile estimates, estimated the coal on hand and gauged the shaft skip runners in No.3 shaft.

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

For the Maas Mine, he made weekly surveys and noted and posted geology. He gauged the skip and cage runners and on surface gave lines for stocking trestles and laid out the new timber track. He also made cross-sections of the Maas-Negaunee caved area to show the rare of subsidence.

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

He did considerable work both in the office and in the field in connection with the housing situation for the Race Track parcel.

He checked the high water mark on the Braastad description in the Dead River storage basin.

He was underground a few days at the Morris-Lloyd Mine supervising the construction of concrete dams.

He spent 94 days underground and $49\frac{1}{2}$ days in the field.

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

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|--------|---------|--------|
| Negaunee Mine, | 18 | 7 | 21 | 46 |
| Maas Mine, | 15 | 7 | 24 | 46 |
| Miscellaneous, | 2 | 4 | 2 | 8 |
| Total, | 35 | 18 | 47 | 100 |

Clyde W. Nicolson, Engineer, did the engineering work at the Athens Mine for the entire year, with the exception of August, September and October, during which time he was absent in Alaska on a leave of absence.

For the Athens Mine, he made weekly surveys and noted and posted geology. He gauged cage and skip runners and supervised the guniting of the shaft in places that were peeling due to the frost action.

At the Negaunee laboratory, he made sieve and moisture tests to show the feasibility of partially drying Athens ore. He also started a subsidence report, the data secured to be used more especially at the Athens Mine.

In the office, he assisted Mr. Jackson in preparing a report on the possibility of extending the Mitchell lease. He also assisted Mr. Jopling with matters pertaining to the Oliver Exchange and general abstract work. In addition to his regular office work, he made the Tax Commission estimate and maps and prepared the annual report maps.

He was underground $38\frac{1}{2}$ days and spent $29\frac{1}{2}$ days in the field during the year.

Below is a table showing the percentage of his time spent at the Athens Mine and other miscellaneous work:

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|--------|---------|--------|
| Athens Mine, | 19 | 13 | 50 | 82 |
| Miscellaneous, | 1 | 2 | 15 | 18 |
| Total, | 20 | 15 | 65 | 100 |

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

For the Cliffs Shaft Mine, he made regular surveys, located all drill holes and assisted the geologists with their underground surveys. He also gauged skip runners in both shafts to show the clearance.

On surface, he made stockpile estimates, gave lines for stocking trestles and laid out the foundations for the new warehouse.

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

For the Holmes Mine, he made weekly surveys, noted and posted geology and gauged the skip and cage compartment runners.

On surface, he made stockpile estimates.

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

He gave lines and grades for the Angeline-Salisbury sewer.

In the office, he finished making a number of general water power maps to show the Company's interest.

He was underground 72 days and spent 17 days in the field during the year.

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

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|--------|---------|--------|
| Cliffs Shaft, | 17 | 4 | 43 | 64 |
| Holmes, | 11 | 1 | 20 | 32 |
| Miscellaneous, | 0 | 1 | 3 | 4 |
| Total, | 28 | 6 | 66 | 100 |

Kenneth C. Pellow, Engineer, did the engineering work at the Republic and Spies-Virgil Mines.

For the Republic Mine, he made regular surveys and located all diamond drill holes. He also assisted the geologists with their surveys.

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

For the Spies-Virgil Mine, he made regular surveys and located all drill holes. He also assisted the geologists with their surveys.

On surface, he estimated the ore in stock, made a survey and a plan to carry away the mine water. He also made a survey and prepared maps to show a proposed water supply to be connected with the village system.

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

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

Below is a table showing the percentage of his time spent on Republic and Spies Virgil Mines and miscellaneous work:

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|--------|---------|--------|
| Republic, | 16 | 0 | 24 | 40 |
| Spies-Virgil, | 15 | 0 | 43 | 58 |
| Miscellaneous, | 0 | 0 | 2 | 2 |
| Total, | 31 | 0 | 69 | 100 |

John Trosvig, Engineer, did the engineering work for the Morris-Lloyd Mine for the entire year.

At this mine he made weekly surveys and assisted the geologists with their work. He also gauged cage and skip compartments in all three shafts. During November, he spent most of the month supervising the construction of concrete dams in the mine to safeguard it from sand runs. He spent considerable time underground as a member of a Committee to investigate and report on all minor accidents.

On the surface, he gave lines and grades for stocking trestles and supervised the construction of the concrete foundation for the new crushing plant which is to be installed at the Morris shaft.

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

He was underground 102 days and spent 40½ days in the field.

Below is a table showing the percentage of his time spent on Morris-Lloyd Mine and other miscellaneous work:

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|--------|---------|--------|
| Morris-Lloyd, | 34 | 8 | 49 | 91 |
| Miscellaneous, | 3 | 6 | 0 | 9 |
| Total, | 37 | 14 | 49 | 100 |

Charles W. Allen, Engineer, did the engineering work at the Barnes-Hecker and Ogden Mines for the entire year.

For the Barnes-Hecker Mine, he made weekly surveys and noted and posted the geology.

In the office, in addition to the regular mine work, he made the annual report maps.

For the Ogden Mine, he made weekly surveys, located all churn drill holes, made stripping estimates and computed the powder necessary for each blast.

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

He did the engineering work for the Athens Mine while Mr. Nicolson was away on a leave of absence.

In the office, he made a new map of the City of Negaunee.

He was underground 72 days and spent $43\frac{1}{2}$ days in the field.

Below is a table showing the percentage of his time spent on Barnes-Hecker and Ogden Mines and other miscellaneous work:

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|-----------|-----------------------|------------|
| Barnes-Hecker, | 15 | 6 | 20 | 41 |
| Ogden, | 0 | 8 | 12 | 20 |
| Miscellaneous, | 10 | 3 | 26 | 39 |
| Total, | 25 | 17 | 58_m | 100 |

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

During the summer months, he was employed almost entirely in connection with surveys in the Tilden District.

In the office, he completed the new City of Ishpeming map.

He was underground $58\frac{1}{2}$ days and spent $93\frac{1}{2}$ days in the field.

Below is a table showing the percentage of his time spent on contour and other miscellaneous work:

| | UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|----------------|--------------|-----------|-----------|------------|
| Contours, | 0 | 27 | 13 | 40 |
| Miscellaneous, | 21 | 7 | 32 | 60 |
| Total, | 21 | 34 | 45 | 100 |

Albert Rock was employed $10\frac{1}{2}$ months during the year as a helper and truck driver. He was discharged on October 18th.

Sextus Malmgren, Helper, assisted the engineers with their underground and surface surveys, cleaned and repaired tapes, made blue prints and spent two months in the office making the annual report prints.

He was underground $100\frac{1}{2}$ days and spent $40\frac{1}{2}$ 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. |
|--------------|--------|---------|--------|
| 36 | 15 | 49 | 100 |

Ernest Decaire, Jr. was employed October 20th as a helper and truck driver. he also assisted with the printing of the annual report.

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

| UNDERGROUND. | FIELD. | OFFICE. | TOTAL. |
|--------------|--------|---------|--------|
| 0 | 67 | 33 | 100 |

Carl Slick, Engineer, was employed $2\frac{1}{2}$ months during the summer on contour and geological field work in the Tilden District.

Clifford Anderson, Helper, was employed $2\frac{1}{4}$ months during the summer on contour and geological field work in the Tilden District.

Clayton T. McNeil, Helper, was employed a half month during the summer on contour and geological field work in the Tilden District.

Charles Bargeon, Chopper, was employed $3\frac{1}{2}$ months during the summer on field surveys in the Tilden District.

Charles Feller, Chopper, was employed $1\frac{1}{2}$ months during the summer on field surveys in the Tilden District.

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

| | UNDERGROUND. | SURFACE. | OFFICE. | TOTAL. |
|----------------|--------------|----------|---------|--------|
| Athens, | 26 | 19 | 55 | 100 |
| Barnes-Hecker, | 27 | 43 | 30 | 100 |
| Cliffs Shaft, | 37 | 10 | 53 | 100 |
| Holmes, | 31 | 10 | 59 | 100 |
| Maas, | 22 | 28 | 50 | 100 |
| Morris-Lloyd, | 33 | 14 | 53 | 100 |
| Negaunee, | 26 | 25 | 49 | 100 |
| Ogden, | 0 | 53 | 47 | 100 |
| Republic | 45 | 0 | 55 | 100 |
| Spies-Virgil, | 29 | 5 | 66 | 100 |
| Average, | 27 | 21 | 52 | 100 |

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

ENGINEERING DEPARTMENT.
DISTRIBUTION OF ENGINEERING LABOR FOR YEARS 1924, 1925 AND 1926.

| | 1924. | | | 1925. | | | 1926. | | | PERCENT INCREASE. | PERCENT DECREASE. |
|---|------------|--------------------|----------|------------|--------------------|----------|------------|--------------------|----------|-------------------|-------------------|
| | LABOR. | TIME IN DAYS. | PERCENT. | LABOR. | TIME IN DAYS. | PERCENT. | LABOR. | TIME IN DAYS. | PERCENT. | | |
| Athens, | \$2671.59 | 236 $\frac{1}{2}$ | 8.40 | \$2117.24 | 203 $\frac{3}{4}$ | 8.50 | \$3184.27 | 303 | 12.4 | 3.9 | |
| Barnes-Hecker, | 1378.65 | 167 | 5.93 | 1500.76 | 184 $\frac{1}{4}$ | 6.00 | 2035.64 | 260 $\frac{1}{2}$ | 7.9 | 1.9 | |
| Cliffs Shaft, | 3250.38 | 406 | 14.43 | 3401.18 | 430 $\frac{1}{2}$ | 13.60 | 2828.19 | 324 | 10.9 | | 2.7 |
| Holmes, | 1549.96 | 214 | 7.60 | 1624.16 | 224 $\frac{3}{4}$ | 6.50 | 1580.24 | 178 | 6.0 | | 0.4 |
| Maas, | 2305.75 | 210 | 7.47 | 3476.35 | 346 $\frac{3}{4}$ | 13.90 | 2336.89 | 222 | 9.0 | | 4.9 |
| Lorris-Lloyd, | 3275.24 | 391 $\frac{1}{2}$ | 13.92 | 3625.60 | 421 | 14.50 | 3292.24 | 366 $\frac{3}{4}$ | 12.8 | | 1.7 |
| Negaunee, | 2308.79 | 222 | 7.89 | 2270.30 | 219 $\frac{1}{4}$ | 9.10 | 2329.38 | 223 $\frac{3}{4}$ | 9.0 | | 0.1 |
| Ogden, | 80.64 | 7 | .25 | 755.95 | 106 | 3.00 | 774.83 | 99 | 3.0 | 0 | 0 |
| Republic, | 1456.49 | 172 | 6.11 | 1374.52 | 165 | 5.50 | 1558.10 | 173 | 6.1 | 0.6 | |
| Salisbury, | 718.67 | 107 | 3.80 | 15.82 | 2 | 0.10 | | | | | 0.1 |
| South Jackson, | 84.46 | 8 | .28 | 0 | | | 0 | | | | |
| Spies-Virgil, | 1337.22 | 152 | 5.40 | 1886.66 | 230 $\frac{1}{2}$ | 7.50 | 2117.94 | 224 $\frac{1}{2}$ | 8.2 | 0.7 | |
| Total Ishpeming, Negaunee, Republic & Iron River, | \$20417.84 | 2292 $\frac{3}{4}$ | 81.48 | \$22048.54 | 2533 $\frac{1}{2}$ | 88.20 | \$22039.72 | 2374 $\frac{1}{2}$ | 85.4 | | 2.8 |
| GWINN DISTRICT MINES. | | | | | | | | | | | |
| Austin, | \$39.47 | 5 | .16 | 0 | | | \$30.45 | 4 $\frac{1}{2}$ | 0.1 | 0.1 | |
| Francis, | 80.13 | 9 $\frac{1}{2}$ | .34 | 6.02 | 1 $\frac{1}{2}$ | | 0 | | | | |
| Gwinn, | 240.85 | 19 | .67 | 17.99 | 2 | 0.10 | 0 | | | | |
| Stephenson, | 173.32 | 25 $\frac{1}{2}$ | .91 | 62.14 | 6 | 0.20 | 27.74 | 3 $\frac{1}{2}$ | 0.1 | | 0.1 |
| Total Gwinn District, | \$533.77 | 59 | 2.10 | \$86.15 | 8 $\frac{1}{2}$ | 0.30 | \$58.19 | 8 | 0.2 | | 0.1 |
| MESABI DISTRICT MINES. | | | | | | | | | | | |
| Boeing, | 81.45 | 10 $\frac{1}{2}$ | .37 | 73.42 | 10 | 0.30 | 32.08 | 5 | 0.1 | | 0.2 |
| Hill-Trumbull, | 81.45 | 10 $\frac{1}{2}$ | .38 | 71.30 | 9 | 0.30 | 32.35 | 5 | 0.1 | | 0.2 |
| Wade-Helmer, | 9.84 | 1 $\frac{1}{2}$ | .05 | 0 | | | 0 | | | | |
| Total Mesabi District, | \$172.74 | 22 $\frac{1}{2}$ | .80 | \$144.72 | 19 | 0.60 | \$64.43 | 10 | 0.2 | | 0.4 |
| WATER POWER. | | | | | | | | | | | |
| Misc. Water Power, | 0 | | | 269.81 | 32 | 1.10 | 30.75 | 3 | 0.1 | | 1.0 |
| Dead River Stor. Dam E. & A. 41, | 922.86 | 87 | 3.09 | 922.86 | 87 | 3.09 | 0 | | | | |
| Oper. Elec. Power Plants, Escanaba River Water Power, | 650.80 | 63 | 2.24 | 557.73 | 79 | 2.20 | 36.46 | 3 $\frac{1}{2}$ | 0.1 | | 2.1 |
| Cliffs Power & Light Co. | 194.64 | 15 | .53 | 0 | | | 0 | | | | |
| Total, | \$1768.30 | 165 | 5.86 | \$827.54 | 111 | 3.30 | \$524.15 | 43 $\frac{1}{2}$ | 2.1 | 2.1 | 1.0 |
| SURVEYS AND CONTOURS. | | | | | | | | | | | |
| South Tilden Expl., | 0 | | | 0 | | | 110.12 | 16 | 0.4 | 0.4 | |
| Section 22, 47-27, | 0 | | | 0 | | | 626.86 | 124 $\frac{1}{2}$ | 2.4 | 2.4 | |
| " 25, " | 0 | | | 0 | | | 216.30 | 45 $\frac{1}{2}$ | 0.9 | 0.9 | |
| " 26, " | 0 | | | 0 | | | 1252.66 | 214 $\frac{1}{2}$ | 4.9 | 4.9 | |
| Cascade Expl., | 1581.01 | 222 | 7.89 | 164.08 | 19 | 0.70 | 0 | | | | |
| Total, | \$1581.01 | 222 | 7.89 | \$164.08 | 19 | 0.70 | \$2205.84 | 400 $\frac{1}{2}$ | 8.6 | 7.9 | |
| MISCELLANEOUS. | | | | | | | | | | | |
| City of Negaunee, | 0 | | | 0 | | | 240.11 | 32 | 1.0 | 1.0 | |
| City of Ishpeming, | 0 | | | 324.76 | 50 | 1.30 | 159.54 | 22 $\frac{1}{2}$ | 0.6 | | 0.7 |
| Abstracts, | 216.39 | 18 $\frac{1}{2}$ | .66 | 942.67 | 85 $\frac{1}{2}$ | 3.80 | 276.40 | 26 | 1.0 | | 2.8 |
| Miscellaneous, | 318.17 | 34 | 1.21 | 463.43 | 49 | 1.80 | 168.43 | 16 $\frac{1}{2}$ | 0.7 | | 1.1 |
| Total, | \$534.56 | 52 $\frac{1}{2}$ | 1.87 | \$1730.86 | 184 $\frac{1}{2}$ | 6.90 | \$844.48 | 97 | 3.3 | | 3.6 |
| Grand total, | \$25008.22 | 2813 $\frac{3}{4}$ | 100.00 | \$25001.89 | 2875 $\frac{3}{4}$ | 100.00 | \$25804.02 | 2939 $\frac{3}{4}$ | 100.0 | | |

H. AUTOMOBILES.

A new Dodge truck and touring car were purchased in April of this year. The old cars were turned in for credit.

The automobiles were operated the entire year.

I. MINES.

ATHENS MINE.

Regular weekly surveys were made and all geology noted and posted. The shaft compartments were gauged and the guniting of the shaft was supervised. Moisture and sieve tests were made of Athens ore to see if it were feasible to drive off part of the moisture. Three cars of Athens ore were sent to the Wakefield Mine drying plant and a test run was made. Tests were made to see if it were feasible to use calcium chloride to drive off excess sulphur in the ore.

BARNES-HECKER MINE.

Regular weekly surveys were made and all geology noted and posted. The cage and skip compartments were gauged. On November 3rd a cave-in occurred. There was no Tax Commission estimate made.

CLIFFS SHAFT MINE.

Regular surveys were made and all diamond drill holes located. Stocking trestles were laid out and estimates of ore in stock made. The skip runners in each shaft were gauged. A new warehouse was laid out on surface.

HOLMES MINE.

Regular weekly surveys were made and the geology noted and posted. The shaft compartments were gauged and on surface an estimate of ore in stock was made.

MAAS MINE.

Regular weekly surveys were made and geology noted and posted. The skip and cage compartments were gauged and on surface a new track was laid out. The work on the district crushing plant was completed.

MORRIS LLOYD MINE.

Regular weekly surveys were made and all geology noted and posted. The skip and cage compartments in all three shafts were gauged. The construction of several concrete dams underground was supervised. On the surface, lines were given for additional stocking trestles and the construction of the crusher foundation at the Morris shaft supervised.

NEGAUNEE MINE.

Weekly surveys were made and all geology noted and posted. The skip and cage compartments in No.3 shaft were gauged. On the surface, an estimate of ore in stock was made and the Maas-Negaunee surface cave was cross-sectioned to show the rate of subsidence.

OGDEN MINE.

Weekly surveys were made and all churn drill holes located. Monthly estimates of stripping were made.

REPUBLIC MINE.

Regular surveys were made and all diamond drill holes located. The geology was noted and posted. Lines were given for additional sinking in the Pascoe Shaft.

SPIES-VIRGIL MINE.

Regular surveys were made, all drill holes located and the geology noted and posted. On surface a survey was made for a new water supply to hook up with the village system. An estimate was made of ore in stock.

New development work underground has taken a great deal of survey work.

J. MISCELLANEOUS.

TILDEN DISTRICT CONTOURS & GEOLOGY, SILICEOUS ORE AREA.

SECTION 22, 47-27.

The field survey work was completed in the SW $\frac{1}{4}$ of this section.

SECTION 25, 47-27.

The field surveys were started in the NW $\frac{1}{4}$ of this section and will be continued during the summer of 1927.

SECTION 26, 47-27.

The field surveys were completed in the S $\frac{1}{2}$ of the N $\frac{1}{2}$ of this section and a great deal of the office mapping finished.

All the above work consists of running surveys, carrying elevations and locating all surface outcropsm test pits, etc.

TILDEN EXPLORATION.

All diamond drill holes were located for this exploration, which is in the N $\frac{1}{2}$ of the NW $\frac{1}{4}$ of Section 26, 47-27.

SALISBURY-ANGELINE SEWER.

Lines and grades were given for a new sewer to serve dwellings in this district.

CLIFFS POWER & LIGHT COMPANY.

All land descriptions comprising the water power system were carefully checked and maps prepared to accompany deed from the Cleveland-Cliffs Iron Company to the above Company. Several trips were made in the field to determine lands that would be needed for the Dead River storage basin.

OLIVER EXCHANGE.

Maps were prepared to show lands affected by the Exchange.

MISCELLANEOUS ABSTRACTS.

Some work was done on miscellaneous abstracts. This work consisted mainly in bringing the abstracts up to date and necessitated several trips to the office of the Register of Deeds at Marquette.

CITY OF NEGAUNEE MAP.

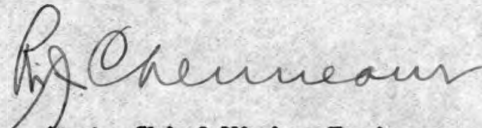
A new map of the City of Negaunee, 100' to the inch, was completed.

ALGOMA STEEL CORPORATION.

An estimate was made on May 1st of the Cleveland-Cliffs Iron Company's ore in stock at the above plant.

GASPIAN MINE, IRON RIVER.

An inspection was made of a sand area in this mine and recommendations suggested as to precautions to be taken in mining ore in this area.


Asst. Chief Mining Engineer.

RJC:LTD.

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

a. Workmen's Compensation

The work of the Compensation Department since the death of Mr. Thomas H. Bargh on January 11th has been in the hands of Walter E. Johnson, who has been Chief Clerk of this department since June 15, 1911.

The work has been taken care of in the most satisfactory manner and this has been especially true following the Barnes-Hecker disaster.

Throughout the year the same method of handling compensation cases as adopted in previous years has been used; special effort is made to see all injured men as soon as possible after the injury occurred, and this has made the matter of settlement generally very satisfactory.

In a majority of cases, the first compensation payment is ready when the regular form of agreement is presented and materially assists in securing the signature to the agreement.

Up to the time of the Barnes-Hecker accident, everyone has been well satisfied with the compensation payments and working of the law.

Following is a statement concerning a few of the more serious cases which were taken care of during the year:

ANDREW AUGUSTSON - REPUBLIC MINE ACC. REP. #770
Injured March 11, 1926.

The hoisting engineer became confused and instead of lowering the skip containing Augustson and three others, he pulled the skip into the pocket, Augustson being dumped into the chute. His injuries consisted of a cerebral concussion and a fracture of the 7th and 8th ribs.

On March 14th Augustson was removed to the Ishpeming Hospital, he being completely out of his head at the time. This condition remained and on April 9th, 1926, Dr. B. B. Rowley, of Milwaukee, was called in for consultation. The doctor made a thorough examination and also made a lumbar puncture, the fluid escaping under moderately increased pressure and was clear, which showed no evidence of old hemorrhage. Upon his return to Milwaukee, Dr. Rowley consulted with Dr. Yates. In his report he stated that local operative procedures were not warranted at present and suggested that lumbar punctures be repeated every two or three days for a time. He was skeptical as to the outcome.

Dr. Rowley's recommendations were carried out and shortly after Augustson began to show signs of improvement. He was soon well enough to do odd chores around the hospital, such as folding bandages, and letters which he wrote were rational. On May 7th, Augustson was discharged from the hospital and returned to his home in Republic.

Augustson will not be able to return to underground work but he may be able to do some surface work during the coming summer. Proximity to anything noisy, machinery or a drilling machine for instance, causes a buzzing in his head. His heart action is also bad.

JOHN RAJANEN - BOEING MINE ACC. REP. NO. 131
Injured Oct. 16, 1926

While attempting to get into one of the cars of an underground motor train while it was in motion, he was caught between the apron of a chute and the end of the car. He was badly squeezed about the hips and back, suffering several fractures of the pelvis and a fracture of the transverse process of the last lumbar vertebrae of left side.

Fortunately none of the organs were perforated but the doctor expects some displacements of the bones and hesitated to operate to correct this, fearing that an operation may make matters worse.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

a. Workmen's Compensation (continued)

JOHN RAJANEN ACCIDENT (continued)

The latest report says that he is recovering nicely, he now being able to walk around the hospital with the aid of crutches. He states he has no pain but notices a soreness in the upper thigh of his right leg when it is raised.

The extent of disability in this case is problematical. It was at first thought that this might be a total disability case but the improvement in his case has been very marked and it is probable that he may be able to do some light work within a reasonable time.

LOUIS FARLEY - ANGELINE MINE, ACC. REPORT NO. 26

In 1924, Farley opened a small neighborhood store in Negaunee, we paying him a lump sum at that time which he used to establish the business. In the fall of 1925 he unwisely stocked up on a quantity of merchandise, at the instigation of several wholesalers, and early in 1926 began to feel the pinch. In June, 1926, we made an investigation of his affairs and found that he owed five creditors about \$1275.00 and that his inventory and good accounts practically covered this amount. The matter was discussed with his creditors, it being explained to them that Farley still had \$652.00 due him as a compensation payment and they agreed that if a lump sum for this amount could be obtained and the money split proportionately between them, that they would continue to sell him goods on a cash basis and that Farley was to make some payment on the old accounts monthly. The matter was explained to the Industrial Accident Board and they approved the lump sum payment for the balance of the compensation due.

His creditors agreed to allow him a year to pay off the old indebtedness before taking any action, but they will undoubtedly allow him a longer period if they find that he is making a conscientious effort to reduce the accounts.

We have made a strong effort to convince Farley that he is dependent upon the store for the future living of himself and his family and that strict economy and careful management, both in the store and home, is absolutely essential.

JOHN A. MAGNUSON - BOEING MINE ACC. REPORT # 135

Injured April 26, 1926

Magnuson, with several others, were picking the ice away from an old powder shack in the pit. The shack had been in the pit since the previous fall and they were preparing to move it. His pick exploded a box of caps which was buried in the ice at one corner of the shanty.

Magnuson was taken care of by Dr. L. W. Morsman, a competent eye specialist at Hibbing, who found it necessary to remove the left eye. The vision of the right eye was also impaired.

Magnuson expressed a desire to return to his home in Sweden so a settlement was effected with him, through Mr. E. W. MacPherran for \$1995.16.

GEORGE CHAPMAN - ATHENS MINE, ACC. REPORT # 270

Chapman was caught by a fall of ground on July 8th, 1926. His injuries consisted of general bruises and contusions over the lumbar region, fracture of lateral right process of 1st lumbar vertebrae and 12th rib, inability to flex right ankle, inability to void urine and involuntary passage from the bowels.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

a. Workmen's Compensation (continued)

GEORGE CHAPMAN ACCIDENT (continued)

Dr. J. L. Yates, of Milwaukee, came to Negaunee on August 29th to examine this man. It was his opinion that the disability has been due to some extent at least to hemorrhage in the cord. There is some paresis of both thighs and legs, more marked in right. Great improvement has occurred and there is reason to believe it likely to be progressive, with no indication for surgical intervention at present. He recommended that active motion be gradually but constantly increased. He explained to the patient that some permanent disability is to be anticipated, but that the amount of permanent disability would in all probability not totally incapacitate him and certainly would be minimized by his aggressive co-operation.

Chapman remained in the hospital until October 30th and up to that time Dr. Andrus insisted that he move around as much as possible, on crutches at first and later with a cane, Dr. Yates advocating the discarding of the crutches as soon as possible to prevent him becoming too dependent upon them. Since Chapman has been at home he has followed the doctor's instructions. Occasionally, when the walks are in good condition, he gets out and walks a block or two.

There has been very little change in the rectal and vesical condition.

The possibility of Chapman ever returning to work in the mine is doubtful.

FATALITIES:

The following is a list of the fatalities which occurred during the year 1926 and shows the total cost of each. Statistics covering the Barnes-Hecker fatalities are shown in a separate table.

Alfred Gustafson Cliffs-Shaft Mine- Acc. Report #920

Age 66 yrs.

Date of Accident - March 17, 1926

While trimming his working place, a chunk struck the bar he was using, knocking it against his right leg, causing a compound fracture of his right leg. Several weeks later pneumonia developed which resulted in his death on May 5, 1926.

Widow only dependent

Paid 6 weeks at \$14.00 before death\$ 84.00

Compensation at \$14.00 per week

for 294 weeks..... 4116.00

Funeral Expenses 200.00

Benefit Fund 500.00

\$4900.00

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

a. Workmen's Compensation (continued)

FATALITIES (continued)

Isaac Setala Cliffs-Shaft Mine, Acc. Report #930
 Age 44 yrs. Date of Accident- May 21, 1926
 Fall of ground
 Dependents: Wife and stepdaughter
 Compensation at \$14.00 per week
 for 300 weeks\$4200.00
 Funeral Expenses 192.00
 Benefit Fund 500.00
 Half day's wages on day of funeral 540.81
\$5432.81

John Eckstrom Republic Mine, Acc. Report #781
 Age 54 yrs. Date of Accident - June 18, 1926
 Fell into a stope from a ladder,
 falling about 100 feet
 Dependents: Wife and three children
 Compensation at \$14.00 per week
 for 300 weeks \$ 4200.00
 Funeral Expense 196.00
 Republic Fatal Accident Fund 200.00
\$ 4596.00

Gust Foress The Cliffs Power & Light Company Acc. Rep.#2
 Age 36 yrs. Date of Accident- August 4, 1926
 Electrocuted while throwing a switch
 on a steel tower
 Dependents: Wife and three children
 Compensation at \$14.00 per week
 for 300 weeks \$4200.00 -
 Funeral Expense 200.00
 Benefit Fund 500.00
\$4900.00

Thomas Mitchell- Spies Virgil Mine- Acc. Rep. #115
 Age 32 yrs. Date of Accident - December 18, 1926
 Fall of ground
 Dependents: Mother and mentally deficient
 brother of whom he was the sole support
 Compensation at \$14.00 per week
 for 300 weeks \$ 4200.00
 Funeral Expense 200.00
\$ 4400.00

PENSION DEPT.ANNUAL REPORTYEAR 1926

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 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 |

In the following fatality cases, payments ceased during the year 1926:

| <u>Name</u> | <u>Mine</u> | <u>Acc. Rep. #</u> | <u>Year</u> |
|------------------|-------------|--------------------|-------------|
| Edwin C. Spencer | Maas | 289 | 1921 |
| Frank Vitto | Stephenson | 525 | 1921 |

The following is a list of the more serious cases occurring during the year 1926:

| <u>Mine</u> | <u>Name</u> | <u>Acc. Rep. No.</u> | <u>Nature of Injury</u> | <u>Compensation Paid</u> |
|---------------|------------------|----------------------|---|--------------------------|
| <u>ATHENS</u> | William Ghischia | 265 | Bruised anterior and posterior chest. Fractured 3rd, 4th and 5th ribs on left side. Bruised back | \$ 490.00 * |
| | Andrew Tellan | 267 | Fracture of both bones of left leg, lower end, involving ankle joint. | 266.00 |
| | George Chapman | 270 | General bruises and contusions over back (lumbar region) especially on right side. Unable to void urine. Involuntary passage from bowels. Unable to flex right ankle. X-Ray shows fracture, lateral, of right process of 1st lumbar vertebral and 12th rib. | 336.00* |

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

a. Workmen's Compensation (continued)

| <u>Mine</u> | <u>Name</u> | <u>Acc. Rep.No.</u> | <u>Nature of Injury</u> | <u>Comp. Paid</u> |
|----------------------|-------------------|---------------------|---|-------------------|
| <u>ATHENS</u> | Arthur Paulon | 278 | Loss of 3rd finger of right hand | \$280.00 |
| <u>BARNES-HECKER</u> | Gust Blomgren | 120 | Fracture proximal end of 3rd and 5th metatarsal bones of left foot | 186.66 |
| <u>CLIFFS-SHAFT</u> | Fred Lessard | 921 | Loss of one-half of ring finger of left hand | 205.20 |
| | John Tynismaa | 945 | Conjunctivitis of both eyes | 177.33 |
| <u>MAAS</u> | Dominic Francisco | 386 | Fracture of upper end of left femur. General bruises over body | 686.00* |
| | Adolph Laitenen | 396 | Contusions and bruises of pelvis, hip & thigh | 296.33 |
| | Charles Pulkinen | 398 | Slight lacerated wounds of neck, left forearm and right hand. Difficult and stertorous respiration | 448.00* |
| | Joseph A. Holman | 400 | Contusion and sprain of left ankle. Bruises on chest and body | 168.00 |
| | John Chiri | 402 | Partial paralysis of left arm due to weight of body jerking same. Fracture of left 9th rib. Dislocation of right shoulder. Fracture of great tuberosity head of right humerus | 240.33 |
| | Sam Tripp | 410 | Fracture of left fibula, lower third | 70.00* |

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

a. Workmen's Compensation (cont inued)

| <u>Mine</u> | <u>Name</u> | <u>Acc. Rep. No.</u> | <u>Nature of Injury</u> | <u>Comp. Paid</u> |
|---------------------|------------------|----------------------|--|-------------------|
| <u>NEGADINEE</u> | Edward Peterson | 512 | Fracture lower end of fibula. Contusions and bruises over right ankle and leg. Some paralysis in left arm developed several weeks after injury | \$245.22* |
| | Frank Jarvi | 515 | Comminuted fracture both bones left leg, about middle | 413.00* |
| | Matt Silk | 527 | Fracture of right tibia and fibula, lower third, region of maleoli | 172.00* |
| <u>REPUBLIC</u> | Andrew Augustson | 770 | Small wounds of scalp; large contusions. Evidences of cerebral concussion. Large contusion and fracture of 7th and 8th ribs | 560.00* |
| <u>SPIES-VIRGIL</u> | Renaldo Feroni | 101 | Contusion of adductor muscles of inner side of right thigh | 644.00 * |
| | Warner Antilla | 103 | Severe conjunctivitis, iritis and ulceration of right cornea | 198.66 |
| | Henry Beale | 107 | Abrasion of right leg opening old sore | 172.66 |
| <u>STEPHENSON</u> | Battista Volpi | 745 | Contusion of right foot- Infected | 212.33 |
| | Emil Vilimaki | 761 | Fracture of ilium-right | 252.00 * |
| | Albert Larson | 765 | Infection of left hand | 168.00 * |
| | Basilio Paris | 767 | Basilar fracture of skull | 154.00 * |
| <u>BOEING</u> | John A. Magnuson | 135 | Loss of left eye and partial loss of vision in right eye | 1995.16 |
| | Frank De Cenzo | 138 | Fracture of lower 3rd of fibula and of the internal maleolus of tibia of left leg. | 370.00 |

*- Indicates incomplete payments.

PENSION DEBT.ANNUAL REPORTYEAR 1926

11.

a. Workmen's Compensation (continued)

The following lump sum settlements were made during the year:

| | | |
|-------------------|--|-----------|
| John A. Magnuson | - Boeing Mine Accident Report No. 135 Settlement made by E. W. MacPherran | \$1835.56 |
| Nick Ciuk | - Boeing Mine Accident Report No. 27 Settlement by E. W. MacPherran 8/1926 | 725.00 |
| Antonio Paris | - Stephenson Mine Accident Report No. 713 Donation of \$300.00 and R. R. Fare and Steamship fare of \$169.00 for return to Italy. | 469.00 |
| John Kuusisto | - Maas Mine Accident Report No. 252. Covers period from 6/11/20 to 3/11/26 - 300 weeks @ 1.00 per week | 300.00 |
| Erick Kylonen | - Lake Mine Accident Report No. 78. Covers period from 8/5/13 to 5/5/19 - 300 weeks at \$1.50 per week | 450.00 |
| Louis Farley, Jr. | - Angeline Mine Accident Report No. 26. Covers period from 6/16/26 to 5/6/27 - 46-4/7 weeks at \$14.00 per week | 652.00 |

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 is credited to an account called "Personal Injury Accounts Payable" and a corresponding charge is made against the mine at which the accident occurred and in the month of occurrence whenever possible but if not, the charge is 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.

On the following page will be found a statement showing the balance due in different accident cases occurring during the years 1919 to 1926 inclusive.

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

a. Workmen's Compensation (continued)BALANCE DUE PERSONAL INJURY ACCOUNTS PAYABLE, DECEMBER 31, 1926MINING DEPARTMENT

| <u>Year of Account</u> | <u>Names of dependents to whom Compensation Payments are payable</u> | | |
|------------------------|--|----------------|--------------------|
| 1919 | Matt Eddy | | \$ 968.76 |
| 1922 | Hilda Maki | | 700.00 |
| 1923 | Juliana Bettineschi | \$1358.00 | |
| | Annie Koski-Hakala | 1498.00 | |
| | Oscar Ranta | 427.12 | |
| | Hilda S. Ritari-Niemi | <u>1428.00</u> | |
| | | | 4711.12 |
| 1924 | Mary Harrington | 1089.28 | |
| | Hanna Salmi | <u>2548.00</u> | |
| | | | 3637.28 |
| 1925 | Exilda Mountjoy | | 3248.00 |
| 1926 | Ida Eckstrom | 3822.00 | |
| | Mary Gustafson | 3640.00 | |
| | Toini Setala | 3766.00 | |
| | Tom Mitchell | <u>4200.00</u> | |
| | | | 15428.00 |
| | THE CLEVELAND CLIFFS IRON COMPANY | | \$ 28693.16 |
| 1924 | Mandelina Pavich | <u>3982.86</u> | |
| | THE MESABA-CLIFFS IRON MINING CO. BOEING MINE | | 3982.86 |
| 1924 | Harry A. Taylor | <u>1419.60</u> | |
| | THE MESABA-CLIFFS IRON MINING CO. | | 1419.60 |
| 1922 | Mary Vaughan | | 1246.00 |
| 1923 | Evelyn Carlson | | 1890.00 |
| 1924 | Rose Remillard-Chaput | 2310.00 | |
| | Edith Prout | <u>1050.00</u> | |
| | | | 3360.00 |
| 1925 | Arthur Paulon | | <u>56.00</u> |
| | THE ATHENS IRON MINING CO. | | 6552.00 |
| | TOTAL ALL COMPANIES | | <u>\$ 40647.62</u> |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

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 1926 and also those which occurred in the years 1913 to 1925.

In those cases for which a definite amount is still to be paid at the end of 1926, 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 these 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 affect the percentage of cost to a great extent.

The total amount of compensation to be paid after December 31, 1926 is \$255,280.69, this being the total for all mines of the Company.

Of the above amount there is pending for the years 1919 to 1925, \$25,219.62, and for the year 1926, \$230,061.07.

The compensation payments for accidents which occurred in 1926 including medical payments for the year amount to a percentage of .07641 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 has continued throughout the year 1926. This rate is 40¢ 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 1926 inclusive.

| <u>Year</u> | <u>Cleveland Cliffs Iron Company</u> | <u>Negaunee Mine</u> | <u>Athens Mining Company</u> | <u>Total</u> |
|-------------|--|--------------------------|----------------------------------|-----------------|
| 1912 | \$ 1075.91 | 105.08 | .30 | \$ 1181.29 |
| 1913 | 13149.70 | 1152.87 | 27.15 | 14329.72 |
| 1914 | 27416.82 | 2840.13 | 446.03 | 30702.98 |
| 1915 | 15657.71 | 1699.28 | 658.07 | 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 | 59680.51 | 11724.68 | 2234.77 | 73639.96 |
| 1920 | 62593.22 | 8888.01 | 2928.15 | 74409.38 |
| 1921 | 61832.34 | 4709.80 | 5208.92 | 71751.06 |
| 1922 | 58847.02 | 5283.24 | 2048.23 | 66178.49 |
| 1923 | 62730.85 | 4142.00 | 5007.88 | 71880.73 |
| 1924 | 65744.48 | 5487.07 | 6394.01 | 77625.56 |
| 1925 | 56693.02 | 4464.79 | 8305.60 | 69463.41 |
| 1926 | <u>61175.65</u> | <u>5433.85</u> | <u>7087.93</u> | <u>73697.43</u> |
| | 667866.66 | 70927.78 | 43126.36 | 781920.80 |

We have made a computation which shows the effect of the changes in the Michigan Compensation Law which went into effect on August 14, 1919, and in the Minnesota Law which went into effect on April 26, 1919. Up to that time both in Michigan and in Minnesota the law provided for a waiting period of two weeks. On the above dates the laws in both states were changed to provide for a waiting period of one week.

PENSION DEPARTMENT
ANNUAL REPORT
YEAR 1926

STATEMENT OF COMPENSATION AND BENEFIT PAYMENTS FROM
JANUARY 1ST, 1926 TO DECEMBER 31ST, 1926.

| 11 | A- | Personal Injury Accounts Payable | No. of Employees | No. of Fatal Accidents | No. of Non-Fatal Accidents | | | Act'l Comp. Paid in 1926 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | Com-pensation Still Pending | Actual Payments To Physicians | Fatal Cases Pending | Injury Cases Pending | Benefit Payments |
|----|----|----------------------------------|------------------|------------------------|----------------------------|-----|-----|--------------------------|--------|--------|---------|---------|---------|---------|---------|---------|----------|-----------------------------|-------------------------------|---------------------|----------------------|------------------|
| | | | | | a | b | c | | | | | | | | | | | | | | | |
| | | Austin | 48 | | 2 | | | 9570 99 | | 430 56 | | 2416 00 | 728 00 | 2403 18 | 1110 72 | 989 33 | 1493 20 | 28693 16 | | | | |
| | | Barnes-Hecker | 26 | | 14 | 8 | 11 | 769 99 | | | | | 728 00 | | | | 41 99 | | | | | 10 83 |
| | | Barnes-Hecker Disaster Expense | | 51 | 1 | 2 | | 856 10 | | | | | | | | 310 33 | 525 77 | | 49 | 1 | | 5816 41 |
| | | Clark Option | 1 | | | | | 5700 25 | | | | | | | | | 5700 25 | | | | | |
| | | Central Office | 83 | | | | | | | | | | | | | | | | | | | |
| | | Cliffs-Shaft | 298 | 2 | 37 | 22 | 72 | 2353 18 | | | | | | 391 25 | 781 65 | 1780 28 | 287 00 | | | 4 | | 1700 53 |
| | | " " Laboratory | 5 | | | | | | | | | | | | | | | | | | | |
| | | Electric Power Plants | | | | | | 645 84 | | | | | 645 84 | | | | | | | | | |
| | | Francis | | | | | | | | | | | | | | | | | | | | |
| | | Gardner-Mackinaw | 2 | | | | | | | | | | | | | | | | | | | |
| | | General Storehouse | 35 | | 3 | | 5 | 151 40 | | | | | | | | | | | | | | |
| | | Gwinn | 9 | | 1 | | | 7 00 | | | | | | | | | 151 40 | | | | | 56 67 |
| | | Gwinn District Crusher | | | 1 | | | 91 00 | | | | | | | | | 7 00 | | | | | 3 33 |
| | | " " Laboratory | 2 | | | | | | | | | | | | | | 91 00 | | | | | 34 17 |
| | | " " Office Expense | 3 | | | | | | | | | | | | | | | | | | | |
| | | Holmes | 154 | | 19 | 7 | 19 | 1492 61 | | | | | | | | | | | | | | |
| | | Iron River Exploration | | | | | | | | | | | | | | | | | | | | |
| | | Ishpeming Hospital | | | | | 1 | | | | | | | | | | | | | | | |
| | | Lake | 1 | | | | | 450 00 | 450 00 | | | | | | | | | | | | | |
| | | Maas | 204 | | 24 | 2 | 6 | 5694 07 | | | 643 00 | | 9 00 | 732 42 | 1645 00 | 2664 65 | 4004 00 | | | | 3 | 274 16 |
| | | Maas Crusher | 8 | | | | | | | | | | | | | | | | | | | |
| | | Morris-Lloyd | 251 | | 19 | 20 | 33 | 2386 36 | | | | | | 364 42 | 1092 00 | 182 00 | 747 94 | 109 67 | | | 2 | 196 69 |
| | | " " Laboratory | 3 | | | | | | | | | | | | | | | | | | | |
| | | Ogden | 2 | | 1 | | | 89 67 | | | | | | | | | | | | | | |
| | | Princeton | 8 | | 1 | | | 1465 70 | | | | | | | | | | | | | | |
| | | Pension Department | 5 | | | | | | | | | | | | | | | | | | | |
| | | Purchasing Department | 11 | | | | | | | | | | | | | | | | | | | |
| | | Republic | 156 | 1 | 17 | 15 | 11 | 2075 78 | | | | | | 728 00 | 338 32 | 1009 46 | 769 99 | | | | 3 | |
| | | Jackson Crusher | | | | | 1 | | | | | | | | | | | | | | | |
| | | Spies-Virgil | 131 | 1 | 12 | 3 | | 1463 32 | | | | | | | | | | | | | | |
| | | Stephenson | 210 | | 27 | 8 | | 4805 71 | | | 586 04 | 1337 00 | | | | | 1463 32 | 1465 33 | | | 2 | 68 33 |
| | | Hidden Exploration | 8 | | | | | | | | | | | | | | | | | | | |
| | | The Cliffs Power & Light Co. | 11 | 1 | | 1 | 1 | 466 00 | | | | | | | | | 1679 61 | 9811 67 | | | 5 | 1144 17 |
| | | P. I. A. P. (Negaunee Mine) | | | | | | | | | | | | | | | 466 00 | 3934 00 | | 1 | | |
| | | Negaunee | 243 | | 23 | 4 | 23 | 3939 15 | | | | | 389 16 | 730 33 | 99 12 | 1061 82 | 1658 72 | 1307 68 | | | 5 | |
| | | P. I. A. P. (Athens Mine) | | | | | | 3156 00 | | | | | 728 00 | | | | 224 00 | 6552 00 | | | | |
| | | Athens | 163 | | 17 | 14 | 9 | 2998 02 | | | | | | | | | 7025 00 | 7025 00 | | | 2 | |
| | | Total - Michigan Mines | 2056 | 56 | 219 | 107 | 191 | 50569 14 | 450 00 | 430 56 | 1229 04 | 3753 00 | 1854 16 | 6972 72 | 6337 51 | 8254 58 | 22276 57 | 248476 45 | 15314 65 | 50 | 28 | 7920 62 |
| | | Wade Helmer | 15 | | | | 1 | | | | | | | | | | | | | | | |
| | | Mesaba District Office Expense | 8 | | | | 1 | | | | | | | | | | | | | | | |
| | | P. I. A. P. (Boeing Mine) | | | | | | 835 12 | | | | | | | | | | | | | | |
| | | Boeing | 176 | | 28 | 13 | 54 | 5323 79 | | | | | | 975 00 | 835 12 | 90 00 | 1280 33 | 3483 46 | 3932 86 | | | |
| | | P. I. A. P. (Hill-Trumbull Mine) | | | | | | 946 40 | | | | | | | | | | | | | | |
| | | Hill-Trumbull | 46 | | 1 | 2 | 10 | 137 87 | | | | | | | | | | | | | | |
| | | Total - Minnesota Mines | 245 | | 29 | 16 | 65 | 7749 18 | | | | | | 975 00 | 1871 52 | 1280 33 | 3621 23 | 6904 24 | 1876 45 | | 7 | |
| | | Total - All Mines | 2301 | 56 | 248 | 123 | 256 | 58306 32 | 450 00 | 430 56 | 1229 04 | 3753 00 | 1854 16 | 6947 72 | 8209 03 | 9534 91 | 25897 90 | 255280 69 | 15391 11 | 50 | 35 | 7920 62 |

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PENSION DEPARTMENT
ANNUAL REPORT
YEAR 1926

STATEMENT OF COMPENSATION AND BENEFIT PAYMENTS FROM
JANUARY 1ST, 1926 TO DECEMBER 31ST, 1926.

| | | |
|--|-----------------|-----------------|
| Compensation paid on 1926 accidents | \$ 25897.90 | |
| Compensation still pending | 255280.69 | |
| Cost of medical and hospital service | <u>15391.11</u> | \$ 296569.70 |
| Less pending for years 1919, 1921, 1922, 1923, 1924 and 1925. | | <u>25219.62</u> |
| Cost of 1926 Accidents | | \$ 271350.08 |
| Percentage of Pay-roll | | .07641 |

The large increase in the cost of 1926 accidents as compared with previous years is due to the Barnes-Hecker disaster. But for this the percentage of pay-roll would have been .02287 as compared with .01613 for 1925.

| | |
|--|-----|
| a - Number of accidents on which compensation payments were made | 248 |
| b - Number of non-compensable accidents | 123 |
| c - Number of slight accidents which caused not over 1 day's lost time | 256 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

11

a.

Workmen's Compensation (continued)MICHIGAN COMPENSATION LAW

There were no changes made in the law during the year, the last change became effective August 18, 1921.

The officers of the Department of Labor and Industry remained the same as they were from June 1925:

Frank R. Sanders, Chairman
 Samuel H. Rhodes
 Carl Young
 Perry J. Ward
 F. S. Johnson, Secretary

Carl Young and F. S. Johnson have been with the department for several years.

The services of the Commission were generally very satisfactory. Just before writing this report, Governor Green has made some radical changes in officials of the department and it would seem not for the better.

Frank R. Sanders, Chairman, has been replaced by -

Eugene J. Brock of Detroit, who at a hearing held at Lansing two years ago appeared for the Machinists' Union of Detroit.

In the last Presidential Campaign, he was a leader in the state for the La Follette organization.

He is the Detroit representative of the International Association of machinists.

Carl Young is replaced by Miss Isabel Larwill of Adrian, who was in the office of the Judge of Probate of Lenawee County, and is President of the Republican Women's Federation of Michigan.

These appointments have been confirmed.

Since the reorganization of the Board, Chairman Brock has replaced F. S. Johnson, Secretary, by Herbert F. Baker of Cheboygan, who has been active in Michigan politics for many years.

It is expected that a strong effort will be made by the present legislature to modify our present law.

MINNESOTA COMPENSATION LAW

There have been no changes in the Minnesota Law during the year.

The Industrial Commission has remained the same as for a number of years, and the Commission is a very able one, and the work has been very satisfactory:

J. D. Williams, Chairman
 F. A. Duxbury
 Henry McColl

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

A. Workmen's Compensation (continued)

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

| | When Law went into effect <u>Sept. 1, 1912</u> | As Amended in effect <u>Aug. 14, 1919</u> | In effect since <u>Aug. 18, 1921</u> |
|--|--|---|--|
| Percentage of weekly wages | 50 | 60 | 60 |
| Maximum weekly compensation | \$10.00 | \$14.00 | \$14.00 |
| Minimum weekly compensation | 4.00 | 7.00 | 7.00 |
| Waiting period | 2 weeks | 1 week | 1 week |
| Waiting period if picked up at end of | 8 weeks | 6 weeks | 6 weeks |
| Maximum compensation for total disability | \$4000.00 | \$ 6000.00 | \$7000.00 |

There has been no considerable change in the Compensation Law of Minnesota since 1921.

Compensation matters since June 1, 1921, have been handled by the Industrial Commission in a manner similar to the Michigan practice and it has been very satisfactory.

The Commission has more powers of settlement, than under the Michigan Law and it enables us more easily to settle contested cases as it is held that if a man can return to work at some occupation he can be settled with and not necessarily be considered a total disability case as is true under the Michigan Law if he cannot return to the identical occupation in which he was engaged at the time of the injury.

The following table shows the principal items of the law in which changes have been made at the different periods:

| | When Law went into effect <u>Oct. 1st, 1913</u> | As amended April 26th <u>1919</u> | In effect since <u>Oct. 1, 1923</u> |
|------------------------------------|---|---|---|
| Percentage of weekly wages | 50 | 66-2/3 | 66-2/3 |
| Maximum weekly compensation | \$10.00 | \$15.00 | \$20.00 |
| Minimum weekly compensation | 6.00 | 6.50 | 8.00 |
| Waiting period | 2 weeks | 1 week | 1 week |
| Waiting period picked up at end of | | | 4 weeks |
| Maximum compensation | \$4000.00 | \$5000.00 | \$10000.00 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

b. Workmen's Compensation

We have continued to pay out the Benefit Funds in cases of injury sustained by the men in the employment of the Company and who had worked for the Company previous to August 1st, 1912 and who had, during that early period, contributed to the Benefit Funds. No collections from the men on account of Benefit Funds, were made after July 31, 1912. The funds of the different mines were consolidated some years ago and will last for some considerable time as shown by the following statement which covers the payment each year since 1912, and the balance on hand December 31, 1926.

These payments being on the sixth day of disability and continue during disability not to exceed the period of one year, and are at the rate of \$25.00 per month to a single man.

The following special payments are also provided for:

| | |
|----------------------------|----------|
| Fatality | \$500.00 |
| Both arms, legs or eyes | 500.00 |
| One arm, leg or eye | 166.66 |

During the year 1926, Benefit payments were made to the following number of men:

| | <u>Fatal Accidents</u> | <u>Non-fatal Accidents</u> |
|--------------------|------------------------|----------------------------|
| Barnes-Hecker | 14 | 7 |
| Cliffs-Shaft | 2 | 21 |
| General Storehouse | | 1 |
| Holmes | | 15 |
| Maas | | 2 |
| Morris-Lloyd | | 9 |
| Austin | | 1 |
| Francis | | 1 |
| Gwinn | | 1 |
| Princeton | | 1 |
| Stephenson | 1 | 19 |
| Spies | | 1 |
| Ogden | | 1 |
| | <u>17</u> | <u>80</u> |

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

b. Workmen's Compensation (continued)CONDENSED STATEMENT OF BENEFIT FUNDS - ALL COMPANIESCredits to Fund

| | | |
|---------------------------|-----------|------------|
| January 1st, 1912 Balance | | \$65194.87 |
| 1912 Contributed by men | | 6182.50 |
| 1913 No Credits | | |
| 1914 Interest C.C.I. Co. | \$3511.43 | |
| " C.I.M.Co. | 1096.89 | |
| " I.C. Co. | 832.01 | |
| " Negaunee | 301.83 | |
| " Athens | 1.11 | |
| | | 5743.27 |
| 1915 Interest C.C.I.Co. | 2083.85 | |
| " Negaunee | 55.25 | |
| | | 2139.10 |
| 1916 Interest C.C.I.Co. | 1949.27 | |
| " Negaunee | 32.85 | |
| | | 1982.12 |
| 1917 Interest C.C.I.Co. | 1704.18 | |
| " Negaunee | 6.37 | |
| | | 1710.55 |
| 1918 Interest C.C.I. Co. | 1553.08 | 1553.08 |
| 1919 Interest C.C.I.Co. | 1376.11 | 1376.11 |
| 1920 Interest C.C.I.Co. | 1238.74 | 1238.74 |
| 1921 Interest C.C.I.Co. | 1103.40 | 1103.40 |
| 1922 Interest C.C.I.Co. | 967.70 | 967.70 |
| 1923 Interest C.C.I.Co. | 871.39 | 871.39 |
| 1924 Interest C.C.I.Co. | 734.17 | 734.17 |
| 1925 Interest C.C.I.Co. | 632.91 | 632.91 |
| 1926 Interest C.C.I.Co. | 465.48 | 465.48 |
| Total Credits | | \$91895.39 |

DISBURSEMENTS - ALL COMPANIES

| | | |
|------------------------------------|------|------------|
| January to August | 1912 | 2562.66 |
| September to December | 1912 | 4713.97 |
| Year | 1913 | 6987.32 |
| " | 1914 | 11081.75 |
| " | 1915 | 6445.56 |
| " | 1916 | 8855.94 |
| " | 1917 | 5081.14 |
| " | 1918 | 5854.69 |
| " | 1919 | 6224.73 |
| " | 1920 | 3879.85 |
| " | 1921 | 4515.69 |
| " | 1922 | 3100.84 |
| " | 1923 | 3658.67 |
| " | 1924 | 4252.48 |
| " | 1925 | 3043.00 |
| " | 1926 | 7920.62 |
| Total debits | | 88178.91 |
| Balance in Fund, December 31, 1926 | | \$ 3716.48 |

PENSION DEPARTMENT
ANNUAL REPORT
YEAR 1926

BENEFIT FUND DISBURSEMENTS FROM SEPTEMBER 1ST, 1912
TO DECEMBER 31ST, 1926. ALL COMPANIES

| | | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | |
|----|----|-----------|---------|-----------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 11 | B- | a-2952 71 | | | | 79 16 | | | | | | | | | | | 2952 71 |
| | | | | | | | | | | | | | | | | | 79 16 |
| | | 14 05 | 345 90 | 145 83 | 1 67 | 20 83 | 134 83 | 11 67 | | | | 46 67 | 219 84 | 314 17 | | 10 83 | 1266 29 |
| | | 575 52 | 739 30 | 1074 55 | 1210 33 | 1128 14 | 640 99 | 1315 19 | 1216 86 | 563 34 | 570 00 | 199 67 | 63 83 | 1297 16 | 993 68 | 1700 53 | 13161 43 |
| | | 98 59 | 920 41 | 996 18 | 1142 51 | 752 00 | 197 81 | 55 83 | 98 84 | 231 50 | 335 50 | 460 65 | 226 84 | 666 66 | 221 82 | 196 69 | 6601 83 |
| | | 77 50 | 267 67 | 205 83 | | | | | | | | | | | | | 551 00 |
| | | 565 00 | 1401 83 | 940 35 | 1712 01 | 1035 17 | 908 16 | 1571 02 | 557 63 | 547 67 | 179 15 | | | | 9 33 | | 9427 32 |
| | | 9 52 | 194 67 | 24 67 | | | 69 17 | 29 33 | | | | | | | | | 327 36 |
| | | 65 84 | 292 50 | 1308 82 | 1 67 | 165 48 | 170 17 | 145 33 | 1195 33 | 113 66 | 95 84 | | | 86 00 | | | 3640 64 |
| | | 4 17 | 685 03 | 1272 16 | 90 01 | 908 00 | 373 00 | 390 65 | 354 18 | 800 98 | 813 34 | 50 67 | 16 67 | 197 16 | 497 50 | 274 16 | 6727 68 |
| | | 185 57 | 1010 66 | 739 66 | 1499 16 | 1653 51 | 849 18 | 102 50 | 147 66 | 160 83 | 1175 00 | 1323 50 | 856 66 | 983 19 | 248 35 | 1144 17 | 12079 60 |
| | | | 99 83 | 23 33 | 67 51 | 6 67 | 7 33 | 1022 34 | 562 32 | 422 52 | 404 67 | 7 50 | 16 67 | 100 00 | 250 00 | 267 50 | 3258 19 |
| | | | | 397 18 | 154 68 | 356 50 | 277 47 | 165 33 | 667 91 | 35 83 | 259 17 | 82 50 | | | 48 33 | 3 33 | 2448 23 |
| | | | | 31 00 | 15 00 | | | | | | | | | | | | 46 00 |
| | | 52 67 | 52 54 | | | | | | | | | | | | | | 105 21 |
| | | | 18 50 | 339 18 | | | 13 67 | | 50 01 | 60 83 | | | | | | | 482 19 |
| | | | | | 26 00 | 114 50 | 252 33 | 48 67 | 611 83 | 67 85 | 192 99 | 208 83 | 364 67 | 50 00 | | 3 33 | 1941 00 |
| | | | | | | 88 34 | | | | | | | | | | | 88 34 |
| | | | | | | 1696 14 | 647 50 | 930 00 | 148 32 | 481 67 | 262 52 | 673 35 | 1817 81 | 327 81 | 383 50 | 338 50 | 7707 12 |
| | | | | | | 10 00 | | 10 00 | 16 67 | 278 50 | 193 34 | | | | | | 508 51 |
| | | | | | | 40 49 | | 6 84 | | | | | | 2 50 | 83 | 68 33 | 118 99 |
| | | | | | | | 4 67 | | | | | | | | | | 4 67 |
| | | | | | | 61 01 | 111 67 | 26 66 | | | | | | | | | 199 34 |
| | | | | | | | 23 33 | | 579 17 | 49 17 | 4 17 | 47 50 | 119 17 | 143 67 | 330 66 | 3816 41 | 5113 25 |
| | | | | | | | | | 18 00 | 65 50 | 30 00 | | 84 17 | 84 16 | 8 33 | 56 67 | 346 83 |
| | | 112 83 | 958 48 | 1846 66 | 525 01 | 740 00 | 423 19-d | | | | | | | | | | 4606 17 |
| | | | | b- 23 61 | | | | | | | | | | | | | 23 61 |
| | | | | c-1712 74 | | | | | | | | | | | | | 1712 74 |
| | | | | | | | | | | | | | | | 50 67 | 6 00 | 56 67 |
| | | | | | | | | | | | | | | | | 34 17 | 34 17 |
| | | 4713 97 | 6987 32 | 11081 75 | 6445 56 | 8855 94 | 5081 14 | 5854 69 | 6224 73 | 3879 85 | 4515 69 | 3100 84 | 3658 67 | 4252 48 | 3043 00 | 7920 62 | 85616 25 |

On January 1st, 1914 the Benefit Fund to the credit of the different mines of the Cleveland-Cliffs Iron Company were transferred to one General Fund in one account. On May 1st, the Funds to the credit of the mines of the Iron Cliffs Company and the Cleveland Iron Mining Company were also transferred to the above account. The Jackson Iron Mining Company's Benefit Fund was transferred to above account January 31st, 1914.

a- Paid on account of injury cases \$ 30.93
Turned over to Hayes Brothers 2921.78
Total as above \$ 2952.71

b- \$500.00 paid to widow of Oscar Larson, killed at the Athens Mine on August 14th, 1914.
Payment made on the following basis:
From Benefit Fund \$ 23.61
Charged to Opening and Equipping
Athens Mine 476.39
Total \$ 500.00

Above payment of \$23.61 exhausted the Athens Benefit Fund August 31st, 1914.

c- Used in paying compensation in the case of Christ Matunovich.

d- Above payment of \$423.19 wiped out the Negaunee Mine Benefit Fund. In order to pay men on the Benefit Fund Pay-Roll when the Fund was exhausted in July, 1917 additional payments of \$95.15 were made which were charged to Gratuities. In August, 1921, Operating Negaunee Mine Account #30-B Credited, account of check made payable to John Nylander for \$15.33 being returned to Company. His present whereabouts being unknown.

The credit shown for Cliffs-Shaft in 1923 is due to the following:

Payments made during year 1923 \$ 436.17
Credited back to General Benefit Fund in the Oscar Kivinen case because no claim has been made by his relatives 500.00
63.83

\$500.00 Benefit Fund Payment in the case of Gust Foress, Cliffs Power & Light Co. Accident Report No. 2, charged to the Stephenson Mine.

1912 column covers payments made from September 1st to December 31st.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

c. Workmen's Compensation

BARNES-HECKER

Following the disaster at the Barnes-Hecker Mine on November 3, a group of people was organized, making use of our own force and others whose services were available, and that afternoon and evening and the following day, all the homes of employes who were at work on that day were visited.

This force consisted of Miss Welander, Miss Atkin, and Miss Hirwas, the visiting nurses of Ishpeming, Negaunee, and Gwinn; Walter E. Johnson and William Kellow of this office; J. Henry Williams of the Safety Dept.; Miss Brown of the hospital; C. W. Nicolson and H. O. Moulton of the Engineering Department; J. L. Hyde of the Purchasing Department, and Joseph Pope and John Peterson of the North Lake and Barnes-Hecker offices.

All of these did most excellent service and helped to reassure the families in the loss that they had sustained.

The nurses, with Miss Brown, continued in their work of visiting the homes and I personally saw all of the families very shortly after the accident.

One of the most remarkable things was the fine feeling manifested by all of the families without a single exception, and mention must be made of Mrs. William E. Hill, wife of the County Mine Inspector, who felt it almost impossible to believe that any company would help her and pay the regular workmen's compensation as the Cleveland Cliffs Iron Company were doing.

Immediately following the funerals of the men whose bodies had been recovered from the mine, the families were seen and information given them about the matter of the Workmen's Compensation, and the compensation agreements were made out and signed.

As soon as it was determined that the other men could not be recovered within a short time, the other families were seen by us and told of the conditions and advised that we wished to begin the Workmen's Compensation payments as soon as possible and the agreements were soon being signed.

At the end of December, all but three of the regular agreements had been signed and compensation payments being regularly paid, the families desiring that they be paid every two weeks which helps very much in the office work.

Letters were sent to the three families residing in Finland, through the Finnish Consul with questions and affidavits to be prepared concerning the families.

We have been notified by the consular agent that they had been received in Finland and that we would soon receive all information.

Under the Michigan Law, dependent families in foreign countries are entitled to compensation.

We have helped three families in the matter of application of administration papers.

In the cases of the single men, seven had partial dependent relatives and of these seven, agreements have been reached in four cases, the amount of the payments being in proportion to the contributions made by the men to those partially dependent upon them.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

c. Workmen's Compensation (continued)

BARNES-HECKER (continued)

It is expected that agreements will soon be reached with the others who have waited for various reasons.

Two single men had no dependents.

Careful investigation was made in every case to see if the men had been in the employ of the company previous to August, 1912, at which time the payment by the men to the Benefit Funds ceased.

As fast as it was ascertained that a man's family was entitled to the payment from the Benefit Funds, a partial payment amounting to \$250.00 was made, the remainder to be paid when the full amount of payment which could be made, was ascertained.

Immediately following the accident, the National Red Cross telegraphed to ascertain if help was needed and the Marquette County Red Cross officials wired that everything was being taken care of. However, they sent from St. Louis, Miss Miller, Field Director, who arrived in Ishpeming on Friday, November 5th and a conference was held in this office with the following persons:- Miss Edith R. Miller, K. I. Sawyer, Mayor of Ishpeming, Mrs. C. C. Cowpland, President of The Women's Service Club, R. S. Archibald, Chairman of the Marquette County Red Cross, Miss M. S. Brown of the Hospital, Miss Myrtle Welander, Miss Ina E. Atkin, and Miss Johanna L. Hirwas, our three nurses and the Secretary.

The work already done was gone over with Miss Miller and with the nurses on Friday afternoon and Saturday morning she visited the homes of many of our families.

Miss Miller felt that no outside help would probably be required but offered us the service of the National Red Cross if such was found necessary.

The Marquette Chapter appropriated \$500.00 for the use of Mrs. A. L. Johnson, the County Nurse for such special needs and service as found by her.

Many societies and individuals from Marquette and Negaunee as well as Ishpeming, offered their assistance and at Thanksgiving and Christmas many societies and individuals assumed the responsibility for caring for certain families so that all of them were remembered in some way.

I wish to express my appreciation of the work of all of the assistants in this department who following the accident worked untiringly throughout the days, nights and Sundays on work of all kinds, both in and out of the office, which had to be done promptly and accurately.

For the purpose of record, a sheet is included with this report showing the names of the men lost in the accident and the number of dependent children.

The funeral expenses of the ten men whose bodies were recovered were paid in full, the total amount being\$2396.25

Temporary help was extended to the Barnes-Hecker families as their needs were reported upon by the nurses and shown to us.

As fast as the compensation agreements were executed and the compensation was being paid the help was lessened.

In some cases of large number of children, extra assistance was given until it might be decided as to what the result of the recovery of work at the mine might be.

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

c. Workmen's Compensation (continued)BARNES-HECKER (continued)

A statement follows showing the kind of assistance rendered to the different families.

A gift of \$50.00 was received from Mrs. Mary L. Mather, which was expended in giving to certain families some special benefits, which was greatly appreciated.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

c. Workmen's Compensation

BARNES-HECKER DISASTER -- NOVEMBER 3, 1926

| | Married or Single | No. Children Under 16 yrs. | Weekly Compensation | Amount Paid | Balance Due | Funeral Expense | Benefit Fund |
|-------------------|----------------------|-------------------------------|------------------------|-------------|-------------|--------------------|-----------------|
| Herman Aho | Married | None | \$ 14 00 | \$ 98 00 | \$ 4102 00 | | |
| Peter Carlyon | " | " | 14 00 | 98 00 | 4102 00 | | \$ 250 00 |
| Raymond Carlyon | Single | | 4 06 | | 1218 00 | | |
| William Carlyon | Married | " | 14 00 | 84 00 | 4116 00 | | 250 00 |
| Edwin Chapman | " | 5 | 14 00 | 98 00 | 4102 00 | | 301 75 |
| Herman Chapman | Single | | 7 24 | | 2172 00 | | |
| Thomas Drew | " | | 7 00* | | 2100 00 | | |
| Peter Durocha | Married | 5 | 14 00 | 98 00 | 4102 00 | | |
| Earl J. Ellersick | " | 4 | 14 00 | 98 00 | 4102 00 | | |
| Gust Frendi | " | 1 | 14 00 | 84 00 | 4116 00 | | |
| Joseph Gelmi | " | 5 | 14 00 | 98 00 | 4102 00 | | |
| James Greene | " | None | 14 00 | 98 00 | 4102 00 | | |
| Henry Haapala | " | 3 | 14 00 | 84 00 | 4116 00 | \$ 195 00 | |
| Jack J. Hanna | " | 1 | 14 00 | 98 00 | 4102 00 | 257 00 | |
| Arvid Heino | " | None | 14 00 | 98 00 | 4102 00 | | |
| Nels Hill | " | 2 | 14 00 | 98 00 | 4102 00 | 195 00 | |
| William Huot | " | 7 | 14 00 | 98 00 | 4102 00 | 216 75 | |
| Frank Jokinen | Single | | | | | | |
| William Kakkuri | " | | 4 06 | | 1218 00 | | |
| Arvid Kallio | Married | 2 | 14 00 | 84 00 | 4116 00 | | |
| Thos. Kirby, Sr. | " | 1 | 14 00 | 84 00 | 4116 00 | 239 00 | 250 00 |
| Thos. Kirby, Jr. | " | None | 14 00 | 84 00 | 4116 00 | 237 00 | |
| Uno Koskinen | " | " | 14 00 | 84 00 | 4116 00 | | |
| Theodore Kiuru | Single | | 4 82 | | 1446 00 | | |
| Ed. Laituri | Married | 2 | 14 00 | 84 00 | 4116 00 | | 250 00 |
| George Lampshire | " | 1 | 14 00 | 84 00 | 4116 00 | | |
| Richard Lampshire | Widower | 4 | 14 00 | 98 00 | 4102 00 | | |
| John Luoma | Married | 1 | 14 00 | 84 00 | 4116 00 | | |
| Emil Mackie | Married | 5 | 14 00 | 98 00 | 4102 00 | | |
| Joseph Mankee | Single | | 4 06 | | 1218 00 | 237 00 | |
| Walter Mattila | Married | 2 | 14 00 | | 4200 00 | | |
| Solomon Millimaki | " | 3 | 14 00 | 98 00 | 4102 00 | | 250 00 |
| Peter Mongiat | " | 5 | 14 00 | | 4200 00 | | 250 00 |
| Sam Phillippi | " | 1 | 14 00 | | 4200 00 | | |
| W. Harry Quayle | " | None | 14 00 | 98 00 | 4102 00 | | 250 00 |
| Elias Ranta | " | 6 | 14 00 | 84 00 | 4116 00 | | |
| John Santti | " | 4 | 14 00 | 84 00 | 4116 00 | | |
| James Scopel | " | 3 | 14 00 | | 4200 00 | | 250 00 |
| Clement Simoneau | " | None | 14 00 | 98 00 | 4102 00 | | |
| Nestor Sulonen | " | 2 | 14 00 | | 4200 00 | | |
| Eric Timo | " | 6 | 14 00 | | 4200 00 | | |
| Walter Tippet | " | 4 | 14 00 | 84 00 | 4116 00 | | 250 00 |
| Wm. F. Tippet | " | None | 14 00 | 98 00 | 4102 00 | 387 00 | 250 00 |
| William Tuomela | " | 1 | 14 00 | 98 00 | 4102 00 | | |
| Louis Trudell | " | 7 | 14 00 | 84 00 | 4116 00 | | 250 00 |
| Nick Valenti | " | 7 | 14 00 | 98 00 | 4102 00 | | |
| Solomon Valimaa | " | 6 | 14 00 | 84 00 | 4116 00 | | 250 00 |
| Harvey Vepsola | Single | | 6 59* | | 1977 00 | 195 00 | |
| Albert Vickman | Single | | | | | | |
| John Wiljanen | Married | 1 | 14 00 | 84 00 | 4116 00 | | 250 00 |
| William Hill | " | 4 | 14 00 | 98 00 | 4102 00 | 237 50 | |
| | | 111 | | 3304 00 | 184445 00 | 2396 25 | 3551 75 |

*-Estimated- Cases not settled

3 Local cases not settled.

3 Families in Finland - Papers sent but not returned as yet.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11.

c. Workmen's Compensation (Continued)

BARNES-HECKER (continued)

Relief

| <u>Case No.</u> | <u>Name</u> | <u>Fuel</u> | <u>Clothing, Bedding, etc.</u> | <u>Groceries</u> |
|-----------------|-------------------------------|-------------|------------------------------------|------------------|
| 1. | Mrs. Herman Aho | | \$ 100.49 | 12.58 |
| 4. | Mrs. Wm. Carlyon | 41.50 | | 13.00 |
| 5. | Mrs. Edwin Chapman | 35.25 | 53.60 | |
| 8. | Mrs. Peter Durocha | 21.00 | 40.74 | |
| 9. | Mrs. Earl J. Ellersick | 13.50 | 78.60 | 11.02 |
| 10. | Mrs. Gust Frändi | 41.85 | 164.85 | 49.74 |
| 11. | Mrs. Joseph Gelmi | 26.00 | 114.05 | 31.98 |
| 13. | Mrs. Henry Haapala | 31.00 | 208.95 | 24.58 |
| 15. | Mrs. Arvid Heino | 23.00 | 59.50 | |
| 16. | Mrs. Nels Hill | | 30.75 | |
| 51. | Mrs. Wm. E. Hill | 37.50 | 10.43 | |
| 17. | Mrs. Wm. Huot | 13.50 | 17.83 | |
| 19. | Mrs. Wm. Kakkuri | 15.25 | 120.58 | |
| 20. | Mrs. Arvid Kallio | 31.50 | 113.08 | 60.41 |
| 21. | Mrs. Thomas Kirby, Sr. | 29.50 | 58.80 | |
| 22. | Mrs. Thomas Kirby, Jr. | | 7.00 | |
| 23. | Mrs. Uno Koskinen | 37.50 | 98.71 | 24.01 |
| 25. | Mrs. Ed. Laituri | 64.50 | 213.90 | 47.88 |
| 26. | Mrs. George Lampshire | 29.50 | 7.70 | |
| 27. | Children of Richard Lampshire | 14.00 | 113.47 | |
| 28. | Mrs. John Luoma | 45.50 | 89.86 | 54.34 |
| 29. | Mrs. Emil Mackie | 77.00 | 117.35 | 70.19 |
| 32. | Mrs. Solomon Myllimaki | 9.00 | 222.38 | 63.80 |
| 33. | Mrs. Peter Mongiat | | 6.75 | 66.02 |
| 34. | Mrs. Sam Phillippi | 20.00 | 7.31 | 12.00 |
| 30. | Mrs. E. Pope | | 3.93 | |
| 36. | Mrs. Elias Ranta | 62.00 | 156.09 | 62.51 |
| 37. | Mrs. John Santti | 28.50 | 99.46 | 18.49 |
| 38. | Mrs. James Scopel | 37.00 | 22.90 | 25.29 |
| 42. | Mrs. Walter Tippet | | 7.92 | |
| 44. | Mrs. Wm. Tuomela | 37.50 | 52.00 | 25.90 |
| 45. | Mrs. Louis Trudell | 31.75 | 97.90 | 103.51 |
| 46. | Mrs. Nick Valenti | 27.50 | 129.16 | 60.15 |
| 47. | Mrs. Solomon Valimaa | 67.25 | 222.11 | 46.26 |
| 48. | Harvey Vepsola | 37.50 | 150.49 | 6.36 |
| 50. | Mrs. John Wiljanen | 39.00 | 73.41 | 37.02 |
| | | \$ 1025.35 | 3072.05 | \$ 927.04 |

PENSION DEPT.
ANNUAL REPORT
YEAR 1926

23.

a. Pension System

The year 1926 completed the eighteenth 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 pension began</u> | <u>Monthly Payment</u> |
|------------|--------------------|-----------------|---------------------------|------------------------|
| 190 | Gust Lindholm | Morris-Lloyd | Mar. 1, 1926 | \$ 32.33 |
| 191 | James Murphy | Gen. Storehouse | Apr. 1, 1926 | 90.97 |
| 192 | E. A. Doty | Central Office | Apr. 1, 1926 | 80.82 |
| 193 | J. F. Van Brocklin | " " | Apr. 1, 1926 | 51.97 |
| 194 | George J. Sarasin | Stephenson | May 1, 1926 | 36.14 |
| 195 | Charles Hager | Holmes | Apr. 1, 1926 | 32.43 |
| 196 | John Eagle | Cliffs-Shaft | Apr. 1, 1926 | 26.09 |
| 197 | Sam Hupila | " " | June 1, 1926 | 23.40 |
| 198 | John Ellis | Negaunee | June 1, 1926 | 52.14 |
| 199 | Chris Hanson | Cliffs-Shaft | July 1, 1926 | 58.55 |
| 200 | Stephen Curphy | Holmes | Aug. 1, 1926 | 27.52 |
| 201 | Andrew Erickson | Cliffs-Shaft | Oct. 1, 1926 | 54.77 |
| 202 | Thomas Lucas | Holmes | Dec. 1, 1926 | 48.80 |

The following Old Age Pensions ceased during the year:

| <u>No.</u> | <u>Name</u> | <u>Date Pensioned</u> | <u>Date Died</u> |
|------------|-----------------|-----------------------|------------------|
| 51 | Dennis Coron | May 1, 1914 | Nov. 12, 1926 |
| 68 | Peter Cullen | Nov. 1, 1915 | Dec. 17, 1926 |
| 93 | Matt Jaaksi | Dec. 1, 1919 | May 11, 1926 |
| 127 | John Handberg | June 1, 1921 | Aug. 30, 1926 |
| 170 | Andrew Anderson | May 1, 1924 | Feb. 11, 1926 |
| 172 | Enoch Rogers | June 1, 1924 | June 15, 1926 |
| 183 | Hogan Anderson | June 1, 1925 | Jan. 9, 1926 |
| 190 | Gust Lindholm | Mar. 1, 1926 | July 21, 1926 |
| 195 | Charles Hager | Apr. 1, 1926 | Sept. 29, 1926 |
| 200 | Stephen Curphy | Aug. 1, 1926 | Dec. 31, 1926 |

| | <u>1925</u> | <u>1926</u> |
|---|-------------|-------------|
| Number of pensions granted during the year | 10 | 13 |
| Number of deaths | 4 | 10 |
| Number of Old Age Pensions in force Dec. 31st | 111 | 114 |
| Average Annual Pension, December | \$ 325.68 | \$ 409.26 |

The last widow's pension ended on Nov. 30, 1926. This pension was originally granted to Mrs. Hilja Himottu, beginning on Dec. 1, 1910. On account of two very young children, this pension, in accordance with the provisions of the pension system and by action of the Pension Board, was renewed for a period of five years in 1916, and again renewed on Dec. 21, 1921. The two children are now over sixteen years of age and Mrs. Himottu is getting along all right, she having regularly a number of boarders.

No new pensions were added to the Furnace Dept. during the year.

On December 31st, there were 9 pensioners on the Furnace Department roll with an average annual pension of \$582.32.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

a. Pension System (continued)

| | | | |
|--|---|-----------------|-------------|
| Total amount paid to Old Age Pensioners, 1908 to 1926 inclusive: | | | |
| Mining Department | | \$261642.93 | |
| Furnace | " | <u>15961.31</u> | |
| | | | \$277604.24 |
| Total amount paid to Widows and Orphans, 1908 to 1926 inclusive: | | | |
| Mining Department | | \$ 22547.00 | |
| Furnace | " | <u>900.00</u> | |
| | | | \$ 23447.00 |
| Total pension payments | | | 301051.24 |

Mining Department pensions paid in 1926 were as follows:

| | |
|--------------------|---------------|
| Old age Pensions | \$ 38924.88 |
| Widows and Orphans | <u>143.00</u> |
| | \$ 39067.88 |

The estimated Old Age Pensions for the Mining Department for 1926 was \$36000.00.

Pension Payments for the years 1908 to 1926 inclusive are as follows:

| <u>MINING DEPARTMENT</u> | | <u>Widows & Orphans</u> | <u>Total</u> |
|--------------------------|-----------------|---------------------------------|-----------------|
| <u>Year</u> | <u>Old Age</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 | <u>38924.88</u> | <u>143.00</u> | <u>39067.88</u> |
| Totals | \$ 261642.93 | 22547.00 | 284189.93 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

a. Pension System (continued)

Pension Payments for the years 1910 to 1926 inclusive are as follows:

| <u>FURNACE DEPARTMENT</u> | | Widows and | |
|---------------------------|----------------|----------------|--------------|
| <u>Year</u> | <u>Old Age</u> | <u>Orphans</u> | <u>Total</u> |
| 1910 | 111.75 | | 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 | | 268.20 |
| 1918 | 268.20 | | 268.20 |
| 1919 | 130.55 | | 130.55 |
| 1920 | 223.80 | | 223.80 |
| 1921 | 781.63 | | 781.63 |
| 1922 | 1118.04 | | 1118.04 |
| 1923 | 1179.38 | | 1179.38 |
| 1924 | 2085.82 | | 2085.82 |
| 1925 | 2833.39 | | 2833.39 |
| 1926 | 5351.35 | | 5351.35 |
| | \$ 15961.31 | 900.00 | \$ 16861.31 |

At the present time, the pensioners on the Mining Department Roll live in the following localities:

| | | | |
|--------------------|----|--------------------|---|
| Ishpeming | 73 | Detroit | 4 |
| Negaunee | 7 | Grand Rapids | 1 |
| Marquette | 3 | Virginia, Minn. | 1 |
| Gwinn | 7 | Detroit Lakes " | 1 |
| Michigan | 1 | Oak Park | 1 |
| Pelkie, Baraga Co. | 1 | Escondido, Cal. | 1 |
| Battle Creek | 1 | Long Beach " | 1 |
| Flint | 2 | Kingsburg " | 1 |
| Lansing | 1 | Richmond " | 1 |
| Waterbury, Conn. | 1 | Springfield, Mass. | 1 |
| Fargo, N. D. | 1 | Canada | 2 |
| | | Italy | 1 |

The Republic Mine Pensioners now live as follows:

| | | | |
|----------|----|----------------|---|
| Republic | 23 | Evanston, Ill. | 1 |
|----------|----|----------------|---|

The Furnace Department Pensioners are living in the following places:

| | | | |
|-----------|---|-----------|---|
| Marquette | 2 | Skandia | 1 |
| Negaunee | 1 | Kipling | 3 |
| | | Gladstone | 1 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

a. Pension System (continued)

During the year a very careful study was made of the conditions at Republic.

The general condition of the town as well as that of the employes of the Republic Mine and their families were reported upon and an estimate made of possible pensions for those of the men who would be eligible.

This report was submitted on August 19th.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

a. Pension System (continued)

The following men were put on the Republic Mine Pension Roll during the year:

| <u>No.</u> | <u>Name</u> | <u>Date Pension Began</u> | <u>Monthly Payments</u> |
|------------|--------------|---------------------------|-------------------------|
| 24 | H. R. Gamble | Apr. 1, 1926 | \$ 63.47 |
| 25 | John Mackey | July 1, 1926 | 23.21 |
| 26 | John Goodney | Dec. 1, 1926 | 40.27 |
| 27 | Joseph White | Dec. 1, 1926 | 31.61 |
| 28 | Stephen Rule | Dec. 1, 1926 | 41.03 |

The following Old Age Pensions ceased during the year:

| <u>No.</u> | <u>Name</u> | <u>Date Pensioned</u> | <u>Date Died</u> |
|------------|---------------|-----------------------|------------------|
| 22 | John Sepola | Sept. 1, 1925 | May 3, 1926 |
| 23 | Isaac Antilla | Sept. 1, 1925 | Dec. 26, 1926 |

There are 23 pensioners on the Republic Mine Roll, the average annual pension being \$456.68.

The payments made from October 1, 1920 to December 31, 1926 are as follows:

| | |
|------|----------------|
| 1920 | \$ 278.61 |
| 1921 | 3427.97 |
| 1922 | 5672.84 |
| 1923 | 6641.51 |
| 1924 | 8172.96 |
| 1925 | 8379.08 |
| 1926 | <u>9539.90</u> |
| | 42112.87 |

Estimated pensions for year 1926, \$8295.72.

During the years, as time made possible, inquiry has been made concerning the provisions of other pension systems and the probable costs of pensions for the future. These investigations have had in mind the newer plan of contributions by the men, supplemented with payments by the company which might thus provide a larger annuity or pension when a man reaches pensionable age. These investigations were being continued at the end of the year.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

a. Pension System (continued)

PENSION FUND

BALANCE BY COMPANIES & DEPARTMENTS

| | <u>TOTAL TO DECEMBER 31, 1926</u> | | |
|-----------------------------------|-----------------------------------|-----------------|----------------|
| | <u>RESERVE</u> <u>SET UP</u> | <u>PAYMENTS</u> | <u>BALANCE</u> |
| <u>MINE DEPARTMENT:</u> | | | |
| The Cleveland-Cliffs Iron Co. | 240,409.82 | 265,023.24 | 24,613.42 |
| The Negaunee Mine Company | 32,791.71 | 19,138.69 | 13,653.02 |
| The Athens Iron Mining Company | 12,465.65 | - | 12,465.65 |
| Republic Mine | 67,993.10 | 42,112.87 | 25,880.23 |
| Total Mine Department | 353,660.28 | 326,274.80 | 27,385.48 |
| <u>FURNACE DEPARTMENT:</u> | | | |
| The Cleveland-Cliffs Iron Company | 53,202.32 | 16,861.31 | 36,341.01 |
| <u>LAND DEPARTMENT:</u> | | | |
| The Cleveland-Cliffs Iron Co. | 17,623.31 | - | 17,623.31 |
| Bunker Hill Mining Company | 1.07 | - | 1.07 |
| Munising Railway Co. | 5.63 | - | 5.63 |
| Michigamme Co. | 9.98 | - | 9.98 |
| | 17,639.99 | - | 17,639.99 |
| <u>LUMBERING DEPARTMENT:</u> | | | |
| The Cleveland-Cliffs Iron Company | 33,078.77 | 5.00 | 33,073.77 |
| | | | |
| GRAND TOTAL ALL DEPARTMENTS | 457,581.36 | 343,141.11 | 114,440.25 |
| | | | |
| <u>PLUS INTEREST:</u> | | | |
| The Cleveland-Cliffs Iron Company | 81,685.39 | - | - |
| Republic Mine | 8,958.78 | - | - |
| Total Interest | | | 90,644.17 |
| TOTAL PENSION FUND | | | 205,084.42 |

S U M M A R Y

| | |
|--|------------|
| The Cleveland-Cliffs Iron Company - Pension Fund | 170,245.41 |
| Republic Mine - Pension Fund | 34,839.01 |
| Total Pension Funds | 205,084.42 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

b. Republic Mine Funds

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 Trustee for the men, and interest has been credited on balances at the rate of 4 per cent.

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

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

b. Republic Mine Funds (continued)

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 benefits.

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 an accident.

When the Republic Mine is operated on a full time basis, there is 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.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

b. Republic Mine Funds (continued)

Formerly the contribution of the 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.

Following will be found a statement of these funds for the year 1926:

| <u>RELIEF AND SICK BENEFIT FUNDS</u> | |
|--------------------------------------|----------------|
| Balance on hand Jan. 1, 1926 | \$3168.20 |
| Receipts during the year | <u>1083.25</u> |
| Total | 4251.45 |
| Disbursements during the year | <u>723.21</u> |
| Balance on hand December 31, 1926 | 3528.24 |
| <u>FATAL ACCIDENT FUND</u> | |
| Balance on hand Jan. 1, 1926 | 7209.18 |
| Receipts during the year | <u>288.23</u> |
| Total | 7497.41 |
| Disbursements during the year | <u>200.00</u> |
| Balance on hand December 31, 1926 | \$ 7297.41 |

The \$288.23 shown as Receipts is interest allowed by the Company. The men formerly contributed 20 cents per man per month but no collections have been made since December 31, 1908. The Company discontinued its contributions on August 31, 1899.

c. Suspense Funds

In the 1918 Annual Report there is a complete statement of the payments made from the Suspense Fund from September 1st, 1912 at which time the Compensation Law in Michigan went into effect. These Funds are exhausted and report is made here from year to year so that it can always be readily determined where to look for the final report of the Suspense Fund.

d. Visiting Nurses

The work of the visiting nurses continued during 1926 with just as satisfactory results as in previous years. This work was begun by the Company in Ishpeming on May 1, 1908; at Gwinn September 1, 1910; and at Negaunee, September 1, 1911.

The following nurses have been employed during the year:

Ishpeming - Miss Myrtle V. Welander
 Negaunee - Miss Ina E. Atkin
 Gwinn - Miss Johanna L. Hirwas
 Iron River- Miss Laura N. Fisk-

(employed jointly with other companies)

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

d. Visiting Nurses (continued)

The following statement shows the cost of Visiting Nurse work for the year 1926:

| <u>Place</u> | <u>Total for Year</u> | <u>Average per month</u> |
|-----------------------------|-----------------------|--------------------------|
| Ishpeming | \$ 2174.45 | \$ 181.25 |
| Negaunee | 2350.47 | 195.92 |
| Gwinn | 1866.83 | 155.57 |
| Iron River - Our Proportion | 291.91 | 24.32 |

The following is the report of the Ishpeming Visiting Nurse for the year 1926:

| | |
|--|------|
| Total number of patients cared for during year | 542 |
| Number of new cases cared for during year | 318 |
| Total number of visits to patients | 4022 |
| Number of families visited for the first time | 77 |
| Number of Rest Cottage calls | 104 |
| Number of Pension calls | 7 |
| Number of Social calls (Social - 38; Welfare 47) | 85 |
| Number died | 8 |

Classification of new cases for the year:

| | | | | | |
|--------------------|-----|------|----|--------|-----|
| Number of adults | 146 | Male | 7 | Female | 139 |
| Number of children | 172 | Male | 82 | Female | 90 |

Nationalities of new cases for the year:

| | | | | | |
|----------|-----|---------|----|-----------|----|
| American | 156 | French | 38 | Norwegian | 5 |
| English | 9 | Irish | 2 | Swedish | 22 |
| Finnish | 56 | Italian | 30 | | |

Diseases and number of new cases:

| | | | | | |
|-----------------|----|------------------|----|-------------------|----|
| Abscess | 5 | Fracture | 4 | Post Operative | 18 |
| Aenemia | 1 | Gall Stones | 1 | Prenatal | 19 |
| Appendicitis | 3 | Grippe | 2 | Pul. Tuberculosis | 1 |
| Art. Sclerosis | 2 | Heart Trouble | 1 | Rheumatism | 1 |
| Baby Welfare | 2 | Infants, Newborn | 41 | Rupture | 2 |
| Bowel Trouble | 4 | Infections | 25 | Senility | 1 |
| Bronchitis | 6 | Injury | 27 | Sore Throat | 1 |
| Burns | 10 | Jaundice | 2 | Sprains | 2 |
| Catarrhal Fever | 0 | Miscarriage | 7 | Swollen Glands | 2 |
| Cistites | 1 | Neuralgia | 1 | Tonsilitis | 11 |
| Cold | 27 | Neuritis | 2 | Unclassified | 14 |
| Diphtheria | 1 | Obstetrical | 37 | Undiagnosed | 10 |
| Ear trouble | 7 | Otitis Media | 3 | Var. Veins | 1 |
| Empitigo | 1 | Paralysis | 1 | Var. Ulcer | 2 |
| | | Pneumonia | 8 | Whooping Cough | 1 |

| | |
|---------------------------------|-----|
| Number of families investigated | 59 |
| Number of investigation calls | 207 |

Visiting Nurse: Miss Myrtle Welander.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

d. Visiting Nurses (continued)

The following is the report of the Negaunee Visiting Nurse for the year 1926:

| | |
|--|------|
| Total number of patients cared for during year | 555 |
| Number of new cases cared for during year | 364 |
| Total number of visits to patients | 2636 |
| Number of families visited for the first time | 23 |
| Number of Pension calls | 59 |
| Number of Donation calls | 41 |
| Number of social calls | 888 |
| Number died | 6 |

Classification of new cases for the year:

| | | | | | |
|--------------------|-----|------|-----|--------|-----|
| Number of adults | 165 | Male | 23 | Female | 142 |
| Number of children | 199 | Male | 105 | Female | 94 |

Nationalities of new cases for the year:

| | | | | | |
|----------|-----|---------|----|-----------|----|
| American | 162 | French | 23 | Norwegian | 1 |
| English | 23 | Irish | 1 | Swedish | 28 |
| Finnish | 85 | Italian | 41 | | |

Diseases and number of new cases:

| | | | | | |
|-------------------|----|------------------|----|-----------------|----|
| Addison's Disease | 1 | German Measles | 4 | Pneumonia | 12 |
| Abscess | 1 | Gen. Deb. | 2 | Post Operative | 15 |
| Appendicitis | 4 | Grippe | 45 | Pregnancy | 29 |
| Apoplexy | 1 | Heart Trouble | 1 | Quinsy | 2 |
| Bowel Trouble | 6 | Hernia | 1 | Rheumatism | 6 |
| Bronchitis | 19 | Infants, newborn | 53 | Senility | 1 |
| Burns | 3 | Infections | 10 | Sciatica | 1 |
| Cholecystitis | 1 | Injury | 16 | Sprains | 1 |
| Carcinoma | 1 | Jaundice | 1 | Stomach Trouble | 4 |
| Cold | 17 | Kidney Trouble | 1 | Tonsilitis | 15 |
| Chorea | 1 | Mal-Nutrition | 7 | Unclassified | 8 |
| Croup | 1 | Nephritis | 2 | Undiagnosed | 1 |
| Diphtheria | 2 | Obstetrical | 56 | Var. Ulcer | 1 |
| Diabetes | 3 | Otitis Media | 5 | | |
| Gastritis | 1 | Paralysis | 1 | | |
| | | Pleurisy | 1 | | |

| | |
|--|----|
| Number of families investigated - C. C. I. Co. | 55 |
| Number of " " Woman's Welfare | 16 |

| | |
|--|----|
| Number of investigation calls C. C. I. Co. | 94 |
| Number of " " Woman's Welfare | 25 |

Visiting Nurse: Miss Ina Atkin.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

d. Visiting Nurses (continued)

The following is the report of the Gwinn Visiting Nurse for the year 1926:

| | |
|--|------|
| Total number of patients cared for during year | 584 |
| Number of new cases cared for during year | 505 |
| Total number of visits to patients | 2022 |
| Number of families visited for the first time | 8 |
| Number of Pension calls | 69 |
| Number of social calls | 171 |
| Number died | 3 |

Classification of new cases for the year:

| | | | | | |
|--------------------|-----|------|-----|--------|-----|
| Number of adults | 230 | Male | 51 | Female | 179 |
| Number of children | 275 | Male | 147 | Female | 128 |

Nationalities of new cases for the year:

| | | | | | |
|----------|-----|---------|-----|-----------|-----|
| American | 111 | Finnish | 106 | Italian | 132 |
| Austrian | 2 | French | 23 | Norwegian | 7 |
| English | 36 | Irish | 5 | Swedish | 83 |

Diseases and number of new cases for the year:

| | | | | | |
|---------------------|----|------------------|----|------------------|----|
| Adenitis | 3 | Grippe | 6 | Pleurisy | 4 |
| Asthma | 2 | Goitre | 1 | Pneumonia | 4 |
| Bowel Trouble | 27 | Heart Trouble | 16 | Post Operative | 12 |
| Bronchitis | 4 | Herpes Zoster | 1 | Post Natal | 5 |
| Burns | 4 | Hysteria | 2 | Pul.Tuberculosis | 4 |
| Catharrhal Jamndice | 2 | Infants, newborn | 24 | Prenatal | 21 |
| Cholecystitis | 7 | Infections | 34 | Quinsy | 3 |
| Chicken Pox | 6 | Injury | 21 | Rheumatism | 15 |
| Cold | 57 | Kidney Trouble | 4 | Rupture | 18 |
| Diabetes | 1 | Mal-Nutrition | 13 | Sore Eyes | 6 |
| Eczema | 20 | Mumps | 30 | Stillborn | 1 |
| Empitigo | 2 | Miscarriage | 3 | Stomach Trouble | 13 |
| Enteritis | 19 | Neuresthenia | 9 | Tonsilitis | 28 |
| German Measles | 13 | Neuralgia | 2 | Unclassified | 1 |
| Gastritis | 5 | Neuritis | 1 | Undiagnosed | 5 |
| | | Obstetrical | 25 | Var. Ulcer | 1 |

| | |
|---------------------------------|-----|
| Number of families investigated | 68 |
| Number of investigation calls | 112 |

Visiting Nurse- Miss Johanna L. Hirwas.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

d. Visiting Nurses (continued)

MONTHLY REPORT OF VISITING NURSE - IRON RIVER

| | |
|--|---------------------|
| Total number of patients cared for during year | 32 |
| Number of new cases cared for during year | 32 |
| Total number of visits to patients | 169 |
| Number of pension calls | 0 |
| Number of social calls | 0 |
| Number died | 0 |
| Classification of new cases for the year: | |
| Number of adults | 12 Male 2 Female 10 |
| Number of children | 20 Male 12 Female 8 |
| Nationalities of new cases for the year: | |
| American | 10 French 3 |
| English | 9 Polish 6 |
| Finnish | 4 |

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 Adults</u> | <u>Female Adults</u> | <u>Male Children</u> | <u>Female Children</u> |
|------------|------------------------|-------------------------|--------------------|----------------------|----------------------|------------------------|
| Ishpeming | 542 | 318 | 7 | 139 | 82 | 90 |
| Negaunee | 555 | 364 | 23 | 142 | 105 | 94 |
| Gwinn | 584 | 505 | 51 | 179 | 147 | 128 |
| Iron River | 32 | 32 | 2 | 10 | 12 | 8 |
| | <u>1713</u> | <u>1219</u> | <u>83</u> | <u>470</u> | <u>346</u> | <u>320</u> |

| | <u>Total No. Visits</u> | <u>Total Number Patients died</u> | <u>Social Calls</u> | <u>Families visited First time</u> | <u>Pension Calls</u> |
|------------|-------------------------|-----------------------------------|---------------------|------------------------------------|----------------------|
| Ishpeming | 4022 | 8 | 85 | 77 | 7 |
| Negaunee | 2636 | 6 | 888 | 23 | 59 |
| Gwinn | 2022 | 3 | 171 | 8 | 69 |
| Iron River | 169 | 0 | 0 | 0 | 0 |
| | <u>8849</u> | <u>17</u> | <u>1144</u> | <u>108</u> | <u>135</u> |

NATIONALITY OF CASES

| | <u>American</u> | <u>Austrian</u> | <u>English</u> | <u>Finnish</u> | <u>French</u> |
|------------|-----------------|-----------------|----------------|----------------|---------------|
| Ishpeming | 156 | | 9 | 56 | 38 |
| Negaunee | 162 | | 23 | 85 | 23 |
| Gwinn | 111 | 2 | 36 | 106 | 23 |
| Iron River | 10 | | 9 | 4 | 3 |
| | <u>439</u> | <u>2</u> | <u>77</u> | <u>251</u> | <u>87</u> |

| | <u>Irish</u> | <u>Italian</u> | <u>Norwegian</u> | <u>Polish</u> | <u>Swedish</u> |
|------------|--------------|----------------|------------------|---------------|----------------|
| Ishpeming | 2 | 30 | 5 | | 22 |
| Negaunee | 1 | 41 | 1 | | 28 |
| Gwinn | 5 | 132 | 7 | | 83 |
| Iron River | | | | 6 | |
| | <u>8</u> | <u>203</u> | <u>13</u> | <u>6</u> | <u>133</u> |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

e. Rest Cottage

The Rest Cottage at Deer Lake was opened for guests on July 12, and closed on September 3, a period of 54 days.

The work at the Rest Cottage this season was taken care of by Mrs. Petra Haglund, with the assistance of Elaine Millimaki, and the service rendered was very satisfactory.

The work was supervised by Miss Welander, the Ishpeming Visiting Nurse, assisted by Miss Atkin, the Negaunee Nurse.

Careful investigations of sanitary conditions were maintained, but no trouble was experienced from the Deer Lake Sewage.

At the close of the season, all equipment was removed from the cottage and stored in the Cliffs-Shaft warehouse.

The following table gives the number of guests and the cost of maintenance of the Rest Cottage work for the past nineteen years:

| <u>Year</u> | <u>Place</u> | <u>Number of Guests</u> | <u>Cost of Operation</u> |
|-------------|--------------|-------------------------|--------------------------|
| 1908 | The Maples | 21 | \$ 89.93 |
| 1909 | Deer Lake | 29 | 305.82 |
| 1910 | " " | 24 | 403.45 |
| 1911 | " " | 45 | 482.89 |
| 1912 | " " | 57 | 270.23 |
| 1913 | " " | 82 | 358.45 |
| 1914 | " " | 107 | 625.56 |
| 1915 | " " | 137 | 572.40 |
| 1916 | " " | 82 | 543.00 |
| 1917 | " " | 111 | 745.11 |
| 1918 | " " | 51 | 720.20 |
| 1919 | " " | 84 | 797.69 |
| 1920 | " " | 98 | 1005.83 |
| 1921 | " " | 68 | 646.80 |
| 1922 | " " | 108 | 774.16 |
| 1923 | " " | 87 | 625.80 |
| 1924 | " " | 72 | 744.51 |
| 1925 | " " | 95 | 653.10 |
| 1926 | " " | 91 | 744.98 |

Details of operation for the year 1926:

| | |
|---|---------|
| Number of meals furnished | 2487 |
| Total Guest days | 578-2/3 |
| Number of People at Rest Cottage | 91 |
| Average number of days per person | 6.3 |
| Number of days Cottage was open for guests | 54 |
| Average number of people at Cottage per day | 10.7 |
| Total cost of operation reduced to cost per guest per day | \$1.287 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

f. North Lake Club House

The work of the Club has been very satisfactorily taken care of by Joseph Pope, one of our former mine clerks. W. H. Thomas, Chief Clerk at the North Lake Mines, has acted as Treasurer and Mr. Stakel has supervised the general work of the Club.

The Club has been active throughout the year, especially during the winter months when the moving pictures continue just as popular as ever, but during the summer, the families spend more time out of the buildings in their gardens and a constantly increasing number of automobiles.

The radio apparatus purchased in 1923 has continued as a popular source of entertainment of the people of the district.

The Ishpeming Sportsmen Club held one meeting at the Club House showing pictures of wild life and the same pictures were shown in the afternoon to the women and children without charge.

The following is the financial statement for the year:

| | | |
|-----------------------------------|----------------|----------------|
| Balance on hand January 1, 1926 | \$124.43 | |
| Receipts during the year | <u>1766.85</u> | |
| Total | | \$1891.28 |
| Total Expenditures | | <u>1608.88</u> |
| Balance on hand December 31, 1926 | | \$ 282.40 |

RECEIPTS

| | | |
|-----------------------|--------------|------------|
| Membership Fees - Men | \$464.00 | |
| Theatre | 1013.10 | |
| Bowling Alleys | 194.30 | |
| Pool and Billiards | 36.10 | |
| Miscellaneous | <u>59.35</u> | |
| Total | | \$ 1766.85 |

EXPENDITURES

| | | |
|-----------------------|-------------|---------|
| Building, Maintenance | 29.50 | |
| Lighting | 129.46 | |
| Heating | 186.75 | |
| Water | 4.00 | |
| Bowling Alleys | 72.71 | |
| Office Expense | 109.14 | |
| Theatre | 983.60 | |
| Reading Room | 68.20 | |
| Miscellaneous | 17.52 | |
| Grounds | 3.00 | |
| Welfare | <u>5.00</u> | |
| Total | | 1608.88 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association

The work of the association has been most satisfactory throughout the year with Mr. E. L. Miller as Superintendent and the work under the supervision of Mr. Graff.

The building has been in constant use as shown by Mr. Miller's Annual Statement which is made a part of this report.

The camp at Bass Lake has become a very important feature of the Club work and was more popular than ever this last season.

Many families made use of the building for short periods and all of the district made continual use of the house and grounds during the summer.

The open air swimming pool on the East Branch was supervised throughout the summer and special days were given up to the women and children.

Following will be found a full report of the Association for the year. Attention is called to certain features from which a revenue was received during the year:

| | <u>Receipts</u> | <u>Expenditures</u> | <u>Profit</u> |
|------------------|-----------------|---------------------|-------------------|
| Theatre | \$ 3051.15 | 2352.27 | 698.88 |
| Pool & Billiards | 186.60 | 58.31 | 128.29 |
| Bowling Alleys | 248.40 | 110.84 | 137.56 |
| Buffet | 538.66 | 398.45 | 140.21 |
| Camp | 109.35 | 98.39 | 10.96 |
| | <u>4134.16</u> | <u>3018.26</u> | \$ <u>1115.90</u> |

On the following page will be found the Financial Statement for the Gwinn Association for the year 1926.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23. g. Gwinn Association (continued)

| | |
|-------------------------------------|----------------|
| Balance on hand January 1st, 1926 | \$135.04 |
| Receipts during the year | <u>5572.83</u> |
| Total | \$ 5707.87 |
| Total expenditures | <u>5478.07</u> |
| Balance on hand December 31st, 1926 | \$ 229.80 |

RECEIPTS

| | |
|------------------------------------|---------------|
| Membership Fees - Men | \$ 807.00 |
| Theatre | 3051.15 |
| Bowling Alleys | 248.40 |
| Pool & Billiards | 186.60 |
| Buffet & Pop | 538.66 |
| Towels & Soap | 56.00 |
| Camp | 109.35 |
| Discount | 3.75 |
| Miscellaneous - Telephone, Library | 28.30 |
| Athletics | <u>543.62</u> |
| Total | \$ 5572.83 |

EXPENDITURES

| | |
|-----------------------|--------------|
| Building, maintenance | 169.09 |
| Equipment | 21.60 |
| Education | 19.97 |
| Lighting | 455.68 |
| Heating | 754.12 |
| Water | 13.20 |
| Bowling Alleys | 110.84 |
| Pool & Billiards | 58.31 |
| Buffet and Pop | 398.45 |
| Stationery & Printing | 75.54 |
| Entertainments | 29.00 |
| Towels & Soap | 7.71 |
| Laundry | 45.24 |
| Office Expense | 23.86 |
| Camp | 98.39 |
| Salaries | 288.00 |
| Theatre | 2352.27 |
| Library | 9.60 |
| Reading Room | 79.65 |
| Athletics | 352.02 |
| Music | 25.00 |
| Radio | 14.88 |
| Telephone | <u>75.65</u> |
| Total | \$5478.07 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association(continued)

The following report and summary of the activities of the Association has been compiled from the monthly reports issued during the year 1926.

A review of the work which the association conducted during the year shows that the activities of every department are supported and welcomed by the people of this district. Almost every event is becoming an annual affair; whether, it be of the entertainment variety, athletic recreation or something of a purely social nature.

ATTENDANCE

The same system was used in estimating the number of persons attending the different events and making use of the building. The high attendance month was January and the lowest was August.

| | |
|--|-------|
| Total estimated attendance at building | 66240 |
| Average monthly attendance | 5520 |

Total estimated attendance for all outdoor recreations conducted by the association; including Ice Skating, Playground and Tennis Court, Swimming Pool, Baseball and Bass Lake Camp.....12015

MEMBERSHIP

The membership cards checked monthly showed the following for the year:

| | |
|--|-----|
| Number members January First 1926..... | 299 |
| Number members January First 1927..... | 287 |
| Low membership for year; February..... | 245 |
| High membership for year; September..... | 297 |
| Average monthly membership 1926..... | 274 |
| Average monthly membership 1925..... | 248 |

The membership shows that about 80% are employed at the local mines; about 15% are employed in other activities in the Gwinn District and the remaining 5% are members residing outside the Gwinn District.

RECEIPTS AND EXPENDITURES

Total Receipts and Expenditures

| | |
|--|----------------|
| Total receipts including 1925 balance (\$135.04) | \$5707.87 |
| Total expenditures for year | <u>5478.07</u> |

| | |
|-----------------------------------|--------|
| Balance on hand January 1927..... | 229.80 |
|-----------------------------------|--------|

THEATRE

| | |
|-----------------------------|----------------|
| Receipts for year | 3051.15 |
| Expenditures for year | <u>2352.27</u> |

| | |
|---|--------|
| Profit..... | 698.88 |
| Deposits and rental on future pictures..... | 45.00 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

25.

g. Gwinn Association (continued)

RECEIPTS AND EXPENDITURES (CONT'D.)

BUFFET

| | |
|----------------------------|---------------|
| Receipts for year..... | \$538.66 |
| Expenditures for year..... | <u>398.45</u> |
| Profit..... | 140.21 |
| Inventory..... | <u>56.80</u> |

BOWLING AND BILLIARDS

| | |
|-----------------------------|---------------|
| Receipts for year..... | 435.00 |
| Expenditures for year | <u>169.15</u> |
| Profit..... | 265.85 |

GENERAL ACTIVITIES AND ORGANIZATIONS USING BUILDING

- 45 - Meetings and rehearsals by band and orchestra
- 37 - meetings and rehearsals by glee club
- 3 - sales of fancy work articles by church organizations
- 14 - meetings by Episcopal ladies guild
- 4 - meetings by St. Anthony's ladies guild
- 4 - meetings by Methodist ladies aid
- 3 - meetings by Marquette County demonstration agent
- 29 - meetings by: 6 board of directors; 6 masonic club;
7 sportemen's association; 3 baseball team
and 7 by other organizations
- 9 - nights play in cribbage league
- 1 - card party
- 2 - dancing classes under supervision of high school
- 3 - parties by school students (no dancing)
- 26 - dances held during the year; including ordinary and
those covering some special event
- 68 - lunches served at different functions by various organizations
- 200 - visitors shown through the building.

EVENTS OF SPECIAL INTEREST

| | |
|--------------------------------|-------------------------------|
| Annual Card Party | by Local Council Girl Scouts. |
| Annual Banquet and Round-up | by Sportemen's Association |
| Annual St. Patrick's Day Dance | by Orchestra |
| Banquet of Cribbage League | by Association |
| Annual Easter Monday Ball | by Basketball Team |
| Hard Time Party | by Orchestra |
| Annual Masquerade Dance | by Orchestra |
| Carnival and Frolic | by Girl Scouts |
| Annual Chicken Supper | by St. Anthony's Guild |
| Silver Tea | by Episcopal Guild |
| Annual Junior Prom | by High School |
| Rummage Sale | by Local Council Girl Scouts |
| Annual Hallow'ean Party | by Girl Scouts |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association (continued)

EVENTS OF SPECIAL INTEREST (CONT'D.)

| | |
|--|--------------------------|
| Annual Masquerade Party | by Entire High School |
| Annual Parent Teacher's Reception and Dance | by School and Orchestra |
| Annual Ceremonial Awarding merit badges | by Local Scout Council |
| Annual Ball and Movie Show (Proceeds for Children's Christmas Treat Fund) | |
| Community Christmas Tree and Treat | by entire community |
| Annual New Year's Ball | by Local Fire Department |

RADIO

The radio set donated to the association in March 1923 still continues to give very good results, especially during the day. Owing to the number of members securing their own sets, it was thought not advisable to use the services of an operator every evening, so the set was only in use on special programs.

The World Baseball Series and all the important football contests were obtained play by play during the actual playing of the games, these features were well attended.

| | |
|--|-----|
| The radio dances instituted last year were discontinued. | |
| Number hours radio was used..... | 157 |
| Attendance | 760 |

MOVING PICTURE THEATRE

| | |
|------------------------------------|---------------|
| 113 - Different pictures shown | |
| 213 - Evening shows held | |
| 128 - Matinees held | |
| 341 - Total number of shows held | |
| 22848 - Total paid attendance..... | Adults 13774 |
| | Students 9074 |

SPECIAL FREE SHOWS

| | | |
|--|------------|-------|
| 1 show for Sportsmen's Banquet | Attendance | 75 |
| 1 show General Electric Film | " | 40 |
| 1 show Woodmen Lodge | " | 100 |
| 1 show for children's Christmas Fund | " | 160 |
| 4 shows for children's Christmas Treat | " | 548 |
| Grand Total for year | | 23771 |

ADMISSION PRICES CHARGED DURING YEAR

| | |
|--|--------------------------------|
| 50 shows at 15 cents | An admission charge of 5 cents |
| 50 shows at 20 cents | was made on all students over |
| 8 shows at 25 cents | 7 years old; on five occasions |
| 5 shows held no charge | 10¢ was the charge. |
| 113 - Total | |
| 423 - non members paid an extra charge of 10 cents | |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association (continued)

LIBRARY AND READING ROOM

LIBRARY

Arrangements were made with the local High School to establish an extension of the school library at the association building. This was started in February with 50 books for the use of adults only. This gives the people who are unable to go to the school during school hours an opportunity to secure school library books. Additional books were secured through the Book of the Month Club and added to the list.

| | |
|--|------|
| Number of books listed in club library | 947 |
| Number of books listed in school extension | 56 |
| Number of books donated | 11 |
| Number of books withdrawn (Bad condition) | 43 |
| Number of books purchased during year | 20 |
| Number of club books loaned on cards | 1619 |
| Number from school library loaned | 652 |
| Total number of books loaned | 2271 |
| Average number of books loaned per month | 189 |

READING ROOM

The following number of magazines and newspapers are received and placed on the racks and tables in the reading room:

| | | | |
|-------------------|----|-------------------|---|
| Weekly magazines | 7 | Weekly Newspapers | 3 |
| Monthly magazines | 18 | Daily Newspapers | 2 |

INTER - CLUB CRIBBAGE LEAGUE

The cribbage league was one of the feature activities of the association. The league was made up of four teams of six men each. Nine weeks' play completed the schedule and the winning team was served a banquet which was considered one of the big events of the year.

ASSOCIATION GLEE CLUB

The Glee Club had a very active season and gave much in the way of entertainment, not only to the members themselves, but to the people of the entire district. Besides the annual concert which was held in February, the Glee Club put on the Musical Production, "Pickles", in April and a request showing of the same program in May. All those attending the concert and musical comedy were well pleased and the work of the club was very much appreciated.

The club is also responsible for the four numbers secured through the Redpath Bureau each year for the entertainment course. The lovers of good clean entertainment and high class music look forward to these programs as part of their winter entertainment. This was the third year the course was put on, and the four numbers are sold on a season ticket to adults for \$1.50 and to students for \$1.00, making the price very reasonable and within the reach of all.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association (continued)

GLEE CLUB ACTIVITIES FOR THE YEAR

| | | |
|---|-----------------------|---------------|
| 29 - members in club | | |
| 37 - meetings and rehearsals | | |
| 4 - numbers on entertainment course | | |
| | Attendance | 1275 |
| 3 - programs by club | " | 925 |
| | Total attendance..... | 2200 |
| Balance on hand in entertainment fund | \$ | 138.60 |
| Balance on hand in club fund | | <u>147.50</u> |
| Total balance January 1927 | \$ | 286.10 |

BOWLING ALLEYS

MEN

The eighth season of the bowling league again brought all the old timers, not one new man was needed to complete the roll. Six teams of three men each made up the league. All teams completed their schedule of 45 games. Team number four were the winners; 30 men participated in the league games. Match games were held 3 nights per week and the other nights were available for members not wishing to enter on a league team.

LADIES

The ladies also had a six team league with 3 members to a team. Their schedule called for 30 games and every team completed the required number. Some very good scores and averages were made. The ladies using the alleys are very much enthused over this form of recreation. 23 ladies took part in league games. One new ball of light weight was added to their equipment.

PHYSICAL AND ATHLETIC DEPARTMENTS

Including all work conducted in the gymnasium, swimming pool, and all outdoor recreations; such as, baseball, track, tennis and playground court, ice skating rink and outdoor swimming pool.

As in other years, the association handled all the athletic work for the local high school, which includes the use of the gym, locker room and showers for boys and girls, also the supervision of all class work and the coaching of the high school basketball squad.

This work covered a period from January to June and from October to December, 31st. The largest part of this work was conducted in the gymnasium as weather conditions did not permit the using of the school athletic field.

Senior members, both men and women used the gym for basketball, handball, cageball, volleyball, and regular class work. The women's class meeting on Thursday evenings was especially popular.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association (continued)

SUMMARY OF ACTIVITIES OF THE PHYSICAL DEPARTMENT

| | <u>Periods</u> | <u>Attendance</u> |
|--|----------------|-------------------|
| Boys - High school supervised physical training classes | 94 | 2020 |
| Girls - High school supervised physical training classes | 107 | 2370 |
| Boys and Girls Basketball practice | 88 | 764 |
| Junior boys recreation classes | 21 | 535 |
| Young ladies supervised classes | 13 | 318 |
| Supervised swimming (Girls) | 12 | 183 |
| Supervised swimming (Boys) | 22 | 497 |
| Seniors using gym for basketball, hand ball, cageball, volleyball, regular class work and other recreation | <u>43</u> | <u>330</u> |
| Total attendance | 400 | 7017 |
| Use of showers (estimated) | | 6000 |

Basketball games during the year; - 12 games between local teams; 10 games at home with visiting team and 7 games away from home. Attendance at all home games3050

The High school team entered the Ishpeming district tournament and made a fine showing against the Michigamme team who later won the state class "D" championship. The club team was also entered in the independent tournament and lost their first game to the Marquette five. The local junior teams held a tournament with eight teams entered. 12 games were played.

The association supported a baseball team during the summer; 6 games were played at home with visiting teams and 6 games away from home. 7 games were played between local teams. A Junior League was organized and completed a schedule of 12 games. Attendance at all home games..... 2400

The ice skating rink was in good condition 51 days.

Estimated attendance..... 4474

The rink is too small but it is hard to locate one elsewhere on account of not being able to give it the proper attention from the association building.

TENNIS COURT

Owing to unfavorable weather conditions the tennis court was not available for play until June 24th, and for the same reason the court was not playable after Labor Day. Altogether 41 playing days were possible.

The playground in rear of building was used as a baseball field by junior boys.

Attendance on tennis court and playground..... 990

OUTDOOR SWIMMING POOL

Swimming suffered on account of cold and rainy weather. The diving stand and rope at the tourist park pool was set in place in July. The association had an attendant at the pool to look after the smaller children from the Gwinn District. Swimming was possible 46 days during the season. Estimated attendance.....2200

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

g. Gwinn Association (continued)

SCOUT ACTIVITIES

GIRLS

The sixth year of girl scout work in this district proves that what money has been spent and time taken by those in charge is well worth the effort. Both troops continue under the same Scout council and local leaders.

Both troops are registered at National Headquarters and they are to be complimented on work accomplished this year.

The two troops meet weekly at the association building and are under the supervision of one of the association employees.

The following summary covers the work and play of both troops:

Class meetings --- 97 Attendance --- 1973

11 - socials and parties including entertainments for mothers, of scouts.

19 - Hikes including supper, lunch or marshmellow roasts in woods.

1 - Annual merit badge ceremonial and exhibit.

1 - Play given at local high school

2 - Plays given at meeting place

1 - Fun and frolic night for camp funds

4 - Addresses were given by outside persons

Annual camp was attended by 47 scouts representing both troops.

This year at Christmas time the scouts donated and dressed 19 dolls and sent them to the children at the "Goodwill Farm," at Houghton, Mich. This act was very much appreciated by those in charge of the Home. No doubt this will be an annual gift. They also assisted at the Christmas treat for children by singing carols. Flowers were sent to the sick, and 5 baskets of food stuff were given to the needy.

All funds for the scout work are raised by the local council and the scouts themselves. The annual card party and rummage sale usually covers the summer camp expense.

BASS LAKE CAMP

Camp Opened June First

Closed October First

Requests for the use of the cottage located at the lake by Gwinn people was more than could be accommodated.

Number of different families using cottage from 2 days to one full week..... 25

Parties using camp overnight 4

All day picnics, Church, school, and organizations 10

Parties by young ladies (evening) 3

Girl scouts had use of camp one week 47

Basket Picnics 108

Receipts for boat hire\$109.35

The camp and grounds as a whole are in very good condition; except that a lack of a lawn or grass around the cottage makes it a trifle dusty on windy days.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

g. Gwinn Association (continued)BASS LAKE CAMP (CONT'D.)

One new boat was added and this brings the total of boats in good condition to five. All boats were re-painted and new oars supplied. The cottage, all outside stoves and tables were in good condition. Two large tables were erected.

A new log camp was built for the caretaker, a two room structure. The old hut will be made over into a change room for bathers next summer.

The road into the camp was improved by the township and the repairs made were greatly appreciated by those going to the lake.

The estimated attendance was less than the year previous, but weather conditions were not on the same par.

BUILDING MAINTENANCE

The usual supply of material and equipment necessary to have all departments in good working order were purchased. This covers bowling, pool and billiard supplies, athletic equipment for association and high school, paints and varnishes, janitor supplies, library and reading room supplies; including new books, magazines and newspaper subscriptions, office and theatre supplies. The association was also able to handle the year's supply of coal.

CONSTRUCTION AND REPAIR WORK

- New caretaker's cottage at Bass Lake
- One new boat and all old boats repainted
- Tennis court put in good condition
- New backstop at ball field erected
- Outdoor ice skating rink constructed- flooded 22 times
- Diving stand and safety rope at swimming pool installed
- New electric light fixture placed in lobby
- Bowling alleys sandpapered and shellaced 4 times
- New coverings for both pool tables
- Floors throughout building scrubbed and oiled
- Community room redecorated
- 100 new cups added to kitchen equipment
- Moving picture machines overhauled
- Much attention was given to the lawn and shrubbery around the association building.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

h. Ishpeming Y. M. C. A.

The "Y" work has continued during the year under the direction of Mr. L. W. Upshaw as Secretary.

Mr. Upshaw is probably the best secretary we have had in charge of the "Y" and his work has been very satisfactory.

The whole community is now very much interested in the Association and under the direction of Mr. Stanford as President, it is becoming more and more of real service to the city.

The building is in constant use, not only by the "Y" members, but by various other organizations who hold their meetings there.

The present officers are:

| | |
|--------------------|----------------|
| F. C. Stanford | President |
| H. S. Peterson | Vice President |
| R. J. Chenneour | Secretary |
| Judge Wm. St. John | Treasurer |

There is an increasing number of members making use of the building. The Women's Department, organized in 1925, has continued very popular and of real assistance in the work.

The matter of funds is always of special importance in all "Y" work and plans for increased revenue have been carefully considered by the Board of Directors.

The camp at Ross Lake opened in 1925 was very popular with the members and it was made use of by other organizations who made a substantial payment for its use.

The City Council, Lions Club and Department of Education contributed funds for special work for the boys and girls.

On the following page will be found the Financial Statement for the fiscal year ending April 30, 1926.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

h. Ishpeming Y. M. C. A. (continued)FINANCIAL STATEMENT FOR YEARENDING APRIL 30, 1926RECEIPTS

| | | | |
|------------------------------|----|---------------|--------------------|
| Membership Fees | | | |
| Seniors | \$ | 272.20 | |
| Boys | | 83.70 | |
| Women | | 69.75 | |
| Girls | | <u>26.50</u> | |
| Total | | | 452.15 |
| Subscriptions | | | <u>1689.00</u> |
| Total Local | | | 2141.15 |
| Mining Company contributions | | | <u>3102.00</u> |
| Total fees and contributions | | | <u>5243.15</u> |
| Dormitory | | 2513.32 | |
| Gymnasium | | 18.75 | |
| Lockers | | 187.00 | |
| Bowling | | 13.81 | |
| Billiards | | 104.75 | |
| Athletic Games & Goods) | | | |
| Spa |) | 564.95 | |
| Baseball | | 200.00 | |
| Bath & Supplies | | 255.93 | |
| Socials & Entertainments | | 171.69 | |
| Note | | 3400.00 | |
| Summer Camp | | 537.25 | |
| House | | 135.00 | |
| Miscellaneous | | 280.37 | |
| Other Income | | <u>126.05</u> | |
| | | | <u>8508.87</u> |
| TOTAL RECEIPTS | | | \$ <u>13752.02</u> |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

h. Ishpeming Y. M. C. A. (continued)FINANCIAL STATEMENT FOR YEARENDING APRIL 30, 1926EXPENDITURES

| | | |
|---------------------------------------|-----------|-------------|
| Miscellaneous & Advertising | \$ 411.64 | |
| Building: | | |
| Equipment | 396.52 | |
| Repairs | 286.11 | |
| Fuel | 563.87 | |
| Electricity & Gas | 564.62 | |
| Water | 65.14 | |
| Supplies | 40.44 | |
| Insurance | 369.51 | |
| Salaries | 7170.92 | |
| Stationery & Printing | 115.40 | |
| Telephone | 86.13 | |
| Postage | 201.51 | |
| Office Supplies | 71.05 | |
| Reading Room Supplies | 6.30 | |
| Interest | 40.00 | |
| | | \$ 10389.16 |
| Dormitory Maintenance & Expense | 356.27 | |
| Gym. " " | 527.20 | |
| " Equipment | 208.23 | |
| Billiards Maintenance & " | 49.94 | |
| Bowling " & " | 1.10 | |
| Athletic Games & Goods) | | |
| Spa) | 395.28 | |
| Tennis | 11.25 | |
| Bath Expense | 60.76 | |
| Laundry | 134.03 | |
| Socials & Entertainments | 179.68 | |
| Educational | 30.40 | |
| Kitchen | 15.48 | |
| House | 24.08 | |
| Band | 2.85 | |
| Summer Camp | 889.93 | |
| Organization Membership | 47.00 | |
| Note | 3400.00 | |
| Moving Expense | 150.59 | |
| Baseball | 229.11 | |
| Boys Work | 8.00 | |
| Ladies " | 61.43 | 6782.61 |
| Total all expense incurred | | \$ 17171.77 |

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

11. i. Safety Work

The Central Safety Committee has held its regular meeting each month on the last Saturday except November and December, for which months the meeting was postponed to the first Saturday following.

The Committee has continued with the regular membership of previous years.

Mr. G. R. Jackson, Chairman
Mr. M. M. Duncan
Mr. S. R. Elliott
Mr. J. H. Rough
Mr. O. D. McClure
Mr. Lucien Eaton
Mr. C. J. Stakel
Mr. W. W. Graff
Mr. Wm. R. Meyers
Mr. Wm. Conibear
Mr. W. H. Moulton, Secretary

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

On the following pages will be found tables showing the Accident Frequency rate from 1917 to 1925 and Frequency and Severity Rates for 1926.

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

i. Safety Work (continued)ACCIDENT FREQUENCY RATE
FOR A NINE YEAR PERIOD FROM 1917 to 1925

| | Rank | Days of Labor | ACCIDENTS | | Rate per 1000 days |
|-------------------------|------|------------------|------------|----------|-----------------------|
| | | | Non-fatal | Fatal | |
| Miscellaneous | 1 | 58862 | 5 | | .085 |
| Hill-Trumbull | 2 | 203991 | 44 | 2 | .225 |
| Elec. Generating Plants | 3 | 129842 | 28 | 2 | .231 |
| General Storehouse | 4 | 104148 | 27 | | .259 |
| Wade-Helmer | 5 | 222199 | 63 | 2 | .292 |
| Angeline | 6 | 76101 | 29 | | .381 |
| Salisbury | 7 | 192287 | 79 | 2 | .421 |
| Negaunee | 8 | 744357 | 311 | 4 | .423 |
| Ogden | 9 | 4698 | 2 | | .426 |
| Maas | 10 | 646776 | 273 | 5 | .430 |
| Spies-Virgil | 11 | 169599 | 75 | 2 | .454 |
| South Jackson | 12 | 26068 | 12 | | .460 |
| Austin | 13 | 63981 | 33 | | .516 |
| Dead River Storage Dam | 14 | 37223 | 20 | | .537 |
| Boeing | 15 | 207206 | 112 | 2 | .550 |
| Gardner-Mackinaw | 16 | 130056 | 74 | 1 | .577 |
| Athens | 17 | 395715 | 230 | 6 | .596 |
| Average | | | | | .601 |
| Lake | 18 | 327835 | 196 | 3 | .607 |
| Princeton | 19 | 238185 | 147 | 1 | .621 |
| Holmes | 20 | 475992 | 309 | 2 | .653 |
| Gwinn | 21 | 206174 | 136 | 2 | .669 |
| Francis | 22 | 201849 | 138 | 2 | .693 |
| Morris-Lloyd | 23 | 602209 | 445 | 2 | .742 |
| Barnes-Hecker | 24 | 152318 | 117 | 1 | .775 |
| Stephenson | 25 | 484811 | 375 | 5 | .784 |
| Cliffs-Shaft | 26 | 735109 | 615 | 6 | .845 |
| Republic | 27 | <u>548641</u> | <u>482</u> | <u>2</u> | <u>.882</u> |
| | | 7377307 | 4377 | 54 | |

PENSION DEPT.ANNUAL REPORTYEAR 1926

11.

i. Safety Work (continued)ACCIDENT SEVERITYRANK AND RATE FROM JANUARY TO NOVEMBER 1926

| | <u>Rank</u> | <u>Days of Labor</u> | <u>Number of Accidents</u> | <u>Rate per 1000 days</u> | <u>1925</u> |
|----------------------|-------------|----------------------|----------------------------|---------------------------|-------------|
| A Wade-Helmer | 1 | 3116 | 5 | 1.605 | .000 |
| A-B Ogden | 2 | 5343 | 12 | 2.246 | 12.801 |
| A-B Hill-Trumbull | 3 | 23217 | 55 | 2.369 | 2.887 |
| A-B Gwinn | 4 | 3184 | 8 $\frac{1}{2}$ | 2.670 | 16.802 |
| A Austin | 5 | 8784 | 29 | 3.302 | .000 |
| A Princeton | 6 | 3325 | 20 | 6.014 | .000 |
| A-B Morris-Lloyd | 7 | 53298 | 436 | 8.180 | 15.614 |
| A General Storehouse | 8 | 9028 | 77 | 8.529 | 1.329 |
| A Negaunee | 9 | 57700 | 745 | 12.912 | 12.669 |
| A-B Holmes | 10 | 36379 | 481 | 13.222 | 13.697 |
| A-B Republic | 11 | 43984 | 607 | 13.800 | 19.170 |
| A Stephenson | 12 | 52354 | 792 $\frac{1}{2}$ | 15.137 | 7.824 |
| A Boeing | 13 | 48821 | 776 | 15.895 | 10.293 |
| AVERAGE | | | | 15.963 | 13.887 |
| B Cliffs-Shaft | 14 | 71267 | 1205 | 16.901 | 17.394 |
| Athens | 15 | 42321 | 784 | 18.525 | 18.439 |
| Spies-Virgil | 16 | 31832 | 624 | 19.603 | 14.530 |
| Maas | 17 | 55894 | 1174 $\frac{1}{2}$ | 21.013 | 19.131 |
| Barnes-Hecker | 18 | 29648 | 1533 | 51.706 | 20.716 |
| TOTAL ALL PROPERTIES | | 586638 | 9364 $\frac{1}{2}$ | | |

ACCIDENT FREQUENCYRANK AND RATE FROM JANUARY TO NOVEMBER 1926

| | | | | | |
|----------------------|----|--------|-----|-------|------|
| A-B Hill-Trumbull | 1 | 23217 | 3 | .129 | .145 |
| A-B Ogden | 2 | 5343 | 1 | .187 | .427 |
| A Austin | 3 | 8784 | 2 | .228 | .000 |
| A Princeton | 4 | 3325 | 1 | .301 | .000 |
| A Gwinn | 5 | 3184 | 1 | .314 | .290 |
| A Wade-Helmer | 6 | 3116 | 1 | .321 | .000 |
| A General Storehouse | 7 | 9028 | 3 | .332 | .111 |
| A-B Spies Virgil | 8 | 31832 | 13 | .408 | .627 |
| A Maas | 9 | 55894 | 26 | .465 | .455 |
| A-B Negaunee | 10 | 57700 | 27 | .468 | .531 |
| A Stephenson | 11 | 52354 | 33 | .630 | .459 |
| A Athens | 12 | 42321 | 29 | .685 | .612 |
| AVERAGE | | | | .685 | .583 |
| Holmes | 13 | 36379 | 25 | .687 | .594 |
| Republic | 14 | 43984 | 31 | .709 | .660 |
| B Morris-Lloyd | 15 | 53298 | 39 | .732 | .794 |
| Boeing | 16 | 48821 | 36 | .737 | .482 |
| B Cliffs-Shaft | 17 | 71267 | 56 | .786 | .918 |
| Barnes-Hecker | 18 | 29648 | 75 | 2.530 | .911 |
| TOTAL ALL PROPERTIES | | 586638 | 402 | | |

Attention is called to those mines and operations marked "A" which for the period shown have made a better record than the average of all properties. Those marked "B" show a better record for 1926 than for the same period in 1925.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

i. Hospitals

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

Ishpeming Hospital

The hospital has continued its service as in previous years, since October 1918 during which time we have been in the new building. It is constantly proving its worth.

The Annual Inspection by the American College of Physicians and Surgeons has been made and the hospital included in the accredited list.

Miss Victoria White, who came to the Hospital as its superintendent on December 14, 1920, has continued in her work and it is through her most efficient management that the hospital has reached and maintained its high standard.

The Hospital Staff for the year has been as follows:

Dr. V. H. Vandeventer, Chief of Staff
Dr. J. D. Crane
Dr. P. P. Hartt
Dr. A. W. Erickson
Dr. W. A. Corcoran

During the year, Staff meetings made up of the Physicians, Superintendent, Bacteriologist, Dietitian and Nurses have been held regularly each month. Miss Brown has acted as Secretary of these meetings and the reports of these meetings are a part of the Hospital work upon which the American College of Physicians and Surgeons base their conclusions in putting the hospital on their accredited list. Dr. Vandeventer is the presiding officer at these Staff Meetings.

A new Quartz Lamp has been added to the equipment during the year which has added greatly to the value of the service rendered by the Hospital.

On the following page will be found the Statistical Report of the Ishpeming Hospital for the year 1926.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

1. Hospitals (continued)

ISHPEMING HOSPITAL
STATISTICAL REPORT FOR THE YEAR 1926

| | | |
|---|------------|------------|
| Number of patients remaining in Hospital at beginning of year | | 14 |
| Number of adult patients admitted | 474 | |
| Number of child patients admitted | 87 | |
| Number of births | <u>116</u> | |
| Total new patients for year | | <u>677</u> |
| Total of all patients during the year | | 691 |
| Number of deaths | 30 | |
| Number discharged during year | <u>651</u> | |
| Total number leaving hospital | | <u>681</u> |
| Number of patients remaining at end of year, Dec. 31, 1926 | | 10 |

CLASSIFICATION OF NEW CASES:

| | | |
|--|-------------|-------|
| Surgical | 308 | |
| Medical | 117 | |
| Obstetrical | <u>252</u> | |
| Total | | 677 |
| Number of operations | | 235 |
| Number of emergency room operations | | 66 |
| Number of patients, days | | 7785 |
| Number of meals for patients | 23349 | |
| Number of meals for nurses, superintendent and dietitian | 12990 | |
| Number of meals for physicians and guests | 167 | |
| Number of meals for help | <u>4383</u> | |
| Total number of meals | | 40889 |

This report shows an average of 21.3 patients per day as compared with 19.9 in 1925; 20.5 in 1924; 20.1 in 1923; 16.5 in 1922; 15.9 in 1921; 17.6 in 1920; and 12.2 in 1919.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

1. Hospitals (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. and the 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>C.C.I.Co.</u> | <u>O.I.M.Co.</u> | <u>Hercules Expl.Co.</u> | <u>Private</u> | <u>Total</u> | <u>C.C.I.Co. Percent.</u> |
|---------------------|------------------|------------------|------------------------------|----------------|--------------|-------------------------------|
| Vandeventer | 2229 | 526 | 19 | 452 | 3226 | 69.1 |
| Crane | 3556 | 1277 | 71 | 243 | 5147 | 69.1 |
| Hartt | 2682 | 849 | 54 | 196 | 3781 | 70.9 |
| Erickson | 3054 | 1139 | 150 | 361 | 4704 | 64.9 |
| Corcoran | <u>1204</u> | <u>1245</u> | <u>184</u> | <u>376</u> | <u>3009</u> | <u>40.0</u> |
| Total | 12725 | 5036 | 478 | 1628 | 19867 | 64.1 |
| <u>House Calls</u> | | | | | | |
| Vandeventer | 1301 | 388 | 10 | 535 | 2234 | 58.2 |
| Crane | 2408 | 992 | 50 | 542 | 3992 | 60.3 |
| Hartt | 2463 | 770 | 69 | 302 | 3604 | 68.3 |
| Erickson | 4377 | 679 | 28 | 393 | 5477 | 79.9 |
| Corcoran | <u>1213</u> | <u>1772</u> | <u>232</u> | <u>228</u> | <u>3445</u> | <u>35.2</u> |
| Total | 11762 | 4601 | 389 | 2000 | 18752 | 62.7 |
| <u>Total Calls</u> | | | | | | |
| Vandeventer | 3530 | 914 | 29 | 987 | 5460 | 64.6 |
| Crane | 5964 | 2269 | 121 | 785 | 9139 | 65.2 |
| Hartt | 5145 | 1619 | 123 | 498 | 7385 | 69.7 |
| Erickson | 7431 | 1818 | 178 | 754 | 10181 | 73.0 |
| Corcoran | <u>2417</u> | <u>3017</u> | <u>416</u> | <u>604</u> | <u>6454</u> | <u>37.4</u> |
| Total | 24487 | 9637 | 867 | 3628 | 38619 | 63.4 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

1. Hospitals (continued)Negaunee Hospital

The Negaunee Hospital has continued its work through the year with the same physicians as the past few years:

Dr. H. W. Sheldon
 Dr. J. H. Andrus
 Dr. William A. Mudge

Dr. Mudge is also City Health Officer on half time basis.
 The Statistical Report for the year follows:

| | |
|---|-------|
| Patients in Hospital first of month | 1 |
| Number of C.C.I. injury cases admitted during year | 13 |
| Number of other cases admitted during year | 56 |
| Number of births during year | 11 |
| Number of deaths during year | 4 |
| Number discharged during year | 77 |
| Patients remaining in Hospital--C.C.I. Co. injury cases | 0 |
| Patients remaining in Hospital-- other cases | 0 |
| Number of operations during year | 13 |
| Number of Hospital calls-- all cases | 28960 |
| Number of visits--C.C.I. families | 16731 |
| Number of visits--Outside cases | 2917 |
| Number of nurses employed during year | 2 |
| Number of meals served to patients | 3276 |
| Number of meals served to nurses, help, etc. | 6592 |
| Total number of meals served | 9868 |
| Total number of days of patients | 1092 |

Republic Hospital

Dr. Loveland has continued his work at Republic which has been very satisfactory. Some of the most serious cases have been brought to the Ishpeming Hospital.

The Financial Statement for the year follows:

Receipts

| | | |
|------------------------------------|----------------|---------|
| From the Cleveland-Cliffs Iron Co. | \$3536.00 | |
| From other sources | <u>1860.45</u> | |
| | | 5396.45 |

Expenditures

| | | |
|-----------------------|---------------|----------------|
| Salaries - Physicians | 60.00 | |
| Salaries - Nurses | 11.00 | |
| Wages - Help | 128.00 | |
| Electricity and Lamps | 45.07 | |
| Fuel | 267.99 | |
| Water | 12.00 | |
| Telephone | 62.60 | |
| Drugs | 537.27 | |
| Insurance and Taxes | 213.53 | |
| Equipment | 31.40 | |
| Kitchen Supplies | 1.00 | |
| Hospital Supplies | 85.51 | |
| Miscellaneous | 59.39 | |
| Barn | <u>246.29</u> | |
| | 1761.05 | <u>1761.05</u> |

Net Profit

\$ 3635.40

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

i. Hospitals (continued)

Gwinn Hospital

Dr. MacIntyre has continued in charge of the work without any regular assistant during the year. Dr. Felch has been to Gwinn a few times during the year when Dr. MacIntyre has had to be absent.

In December, 1894, a new arrangement was entered into with Dr. MacIntyre as the receipts were inadequate under the reduced number of employes in the district. This arrangement has been continued through the year.

The statement following shows the Statistical Report for the year:

| | |
|---|-------|
| Patients in Hospital first of year | 3 |
| Number of C.C.I. injury cases admitted during year | 5 |
| Number of other cases admitted during year | 185 |
| Number of births during year | 20 |
| Number of deaths during year | 9 |
| Number discharged during year | 202 |
| Patients remaining in Hospital--C.C.I. injury cases | 1 |
| Patients remaining in Hospital-- other cases | 1 |
| Number of operations during year | 79 |
| Number of Hospital calls--C.C.I. families | 4385 |
| Number of Hospital calls--outside cases | 1063 |
| Number of visits--C.C.I. families | 1498 |
| Number of visits--outside cases | 79 |
| Number of nurses employed during year | 3 |
| Number of meals served to patients | 4115 |
| Number of meals served to nurses, help, etc. | 6312 |
| Total number of meals served | 10427 |
| Total number of days of patients | 1595 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

i. Hospitals (continued)Gwinn Hospital

Following is the Financial Report for the year:

Receipts--

| | |
|--------------------------|---------------|
| From C. C. I. Co. | \$5395.00 |
| From Hospital Service | 4228.60 |
| From Hospital Cash Sales | 676.18 |
| From board | 576.50 |
| From Sundries | 129.45 |
| From other sources | <u>205.12</u> |

\$11210.85

Expenditures--

| | |
|-----------------------|--------------|
| Salaries--Physicians | 86.78 |
| Salaries--Nurses | 1839.07 |
| Wages--Help | 1661.12 |
| Office Expense | 29.61 |
| Drugs | 516.06 |
| Provisions | 2046.97 |
| Kitchen Supplies | 11.92 |
| Fuel | 813.25 |
| Water and Ice | 65.64 |
| Electricity and lamps | 123.33 |
| Hospital Equipment | 275.80 |
| Hospital Supplies | 1068.53 |
| Laundry | 601.53 |
| Telephone | 89.70 |
| Repairs | 1.09 |
| Automobile Expense | 111.12 |
| Barn | 218.27 |
| Insurance and Taxes | 349.20 |
| Freight & Express | 33.52 |
| Miscellaneous | <u>40.64</u> |

9983.15

| | |
|--------------------------------------|----------------|
| Operating Profit | 1227.70 |
| Less decrease in Hospital Inventory | <u>291.71</u> |
| Net Profit | 935.99 |
| Payments made to doctor by C.C.I.Co. | <u>4064.01</u> |
| Guaranteed Income | \$ 5000.00 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

j. Health

Early in the year, we had some recurrence of Influenza, but it was not of serious character.

There was some fear of an epidemic of Infantile Paralysis following an outbreak at Ironwood, but it was confined to three cases in Ishpeming, all of which have made quite a little improvement. One case was sent to Ann Arbor.

The following are the Health Officers for the district:

Dr. G. G. Barnett - Ishpeming
 Dr. W. A. Mudge - Negaunee
 Dr. L. S. Youngquist - Marquette

Clinics have been held in different portions of the county by the State Tuberculosis Physicians, and their work has been followed up by a special agent and the County Public Health Nurse.

k. Red Cross

The Annual Meeting was held in November and the following officers elected:

Chairman - R. S. Archibald, Negaunee
 Vice " - W. H. Moulton, Ishpeming
 Secretary - T. M. Redmond, Marquette
 Treasurer - E. L. Bice, Marquette

Peter Handberg was elected Treasurer of the Ishpeming branch following the death of John Welsh, who had been Treasurer for many years.

Mrs. A. L. Johnson has continued as County Nurse under the direction of the Nursing Activities Committee, but her salary and expenses are paid by the County, the committee directing her work by the request of the County Board of Supervisors.

Her report for the fiscal year ending September 1, 1926 will be found on the following pages.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

k. Red Cross (continued)REPORT OF MARQUETTE COUNTY RED CROSS NURSE

Fiscal year ending Sept. 1, 1926

Examinations in Rural Schools.

| | |
|--|------|
| Number of Schools in County..... | 74 |
| Number of Schools examined..... | 74 |
| Number of Children Examined..... | 2987 |
| Number of defects found from September 1, 1925 to Sept.1, 1926 | |
| Eyes..... | 101 |
| Teeth..... | 1182 |
| Tonsils | 564 |
| Pediculosis | 77 |
| Goiter | 394 |
| Malnutrition | 606 |
| Posture | 6 |
| Ears | 20 |
| Orthopedic | 7 |
| Skin | 28 |
| Total | 2985 |

Number of defects corrected by parents from Sept. 1, 1925 to Sept. 1, 1926.

| | |
|---|------|
| Eyes | 27 |
| Teeth | 205 |
| Tonsils | 61 |
| Total | 293 |
| Home Visits and investigations | 750 |
| Number of patients taken to Ann Arbor | 16 |
| Number of patients taken to Morgan Heights | 4 |
| Number of Investigations made and reported for Grand Rapids Welfare Association | 6 |
| Number of Investigations made and reported for Bureau of Naval Affairs | 2 |
| Number of Investigations made and reported for Veterans Bureau | 64 |
| Sanitary Inspection of Schools | 14 |
| Number of Class talks | 109 |
| Other Visits to Schools | 21 |
| Consultations at Schools | 49 |
| Advisory Meetings | 19 |
| County Poor Investigations | 12 |
| Nursing Care given to patients | 35 |
| Number of letters written | 1190 |
| Office interviews | 32 |

Attended Regional Red Cross meeting at Norway.

Attended Public Health Conference at Lansing.

Attended State Nurses meeting at Grand Rapids.

Assisted County Health Officer in Immunizing 40 Children at Carlshend following a case of Diptheria.

Fumigated and cleaned School at Carlshend following a case of diptheria.

Assisted County Health Officer in giving Small Pox vaccinations to 74 men at Big Bay.

Assisted County Health Officer and Doctor from Morgan Heights T. B. Sanitarium examine 39 children in School at Dukas.

At Morgan Heights T. B. Sanitarium following resignation of Dr. Finch from June 14th to July 18th.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

k. Red Cross (continued)

REPORT OF MARQUETTE COUNTY RED CROSS NURSE (cont'd.)

Tonsil and Adenoids Clinics for Indigent Children Paid by the Red Cross.

Number of Clinics 7
Number of Children having Tonsils and Adenoids removed.. 48

Dental Clinics Paid for by the Red Cross

Number of Clinics 5
Number of Children treated 503
Number of teeth filled 539
Number of teeth extracted 545
Number of Prophylactic treatments 38

Total 1122

The children attending the above Clinics were from
Republic, Michigamme, Ely, Negaunee and Ishpeming Townships.

Number of indigent children receiving glasses Paid for by
the Red Cross 27

Total number of corrections made from September 1, 1925
to September 1, 1926 1490

Tubercular Patients having special attention, and being
paid for by the Christmas Seal Fund 2

Number of T. B. Clinics held in County by Dr. Warfield
and Dr. Pearce, and paid for by the T.B. Association.. 8

Number of patients 367

Positive cases 21

Latent cases 13

Suspicious cases 46

Negative Cases 187

Twenty of the above were recommended for immediate Sanatorium care.

Number of Rural Schools furnishing milk for children 1

Total number of corrections made from September 1, 1925 to
September 1, 1926, include children from Ishpeming and
Negaunee as well as Townships that were paid for by the
Red Cross

A card index has been made covering each child examined showing
defects found, corrections made, etc.

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

PENSION DEPT.
ANNUAL REPORT
YEAR 1926

23.

1. Relief Work

Help has been extended to some families in special need through sickness and death or special disability.

Following is the list of assistance rendered:

| | <u>Ishpeming</u> | <u>Negaunee</u> | <u>North Lake</u> | <u>Gwinn</u> | <u>Total</u> |
|-----------|------------------|-----------------|-------------------|--------------|--------------|
| January | \$396.41 | 49.25 | 8.88 | | 454.54 |
| February | 271.67 | 12.28 | 9.50 | | 293.45 |
| March | 235.24 | | | | 235.24 |
| April | 322.58 | | 8.88 | | 331.46 |
| May | 213.37 | | | 6.16 | 219.53 |
| June | 260.33 | | | | 260.33 |
| July | 155.04 | | 8.88 | | 163.92 |
| August | 216.97 | | | | 216.97 |
| September | 299.77 | 30.24 | | | 330.01 |
| October | 266.12 | | 8.88 | | 275.00 |
| November | 481.27 | 151.38 | 18.50 | | 651.15 |
| December | 484.13 | 72.15 | | | 556.28 |
| Total | 3602.90 | 315.30 | 63.52 | 6.16 | 3987.88 |

| | | | | | |
|-----------------------------|----|----|---|---|----|
| Number of families assisted | 32 | 10 | 1 | 1 | 44 |
|-----------------------------|----|----|---|---|----|

Average amount of Relief per family..... 90.63

m. Employment

All applications and records of employment have been handled through this department and we have made careful investigations throughout the year of all new employes through correspondence with their former employers. Record of all employes are kept in our files.

n. 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 are men who have become incapacitated after a considerable period of service and some with large families, and who have been injured in our employment and for whom the wages for what they can do is not wholly adequate. Some widows of men who lost their lives in previous years are included in this assistance.

On the following page will be found a list which shows the men and the families to whom these donations have been made.

PENSION DEPT.ANNUAL REPORTYEAR 192623. n. Incapacitated Employees (continued)DONATIONS TO INCAPACITATED EMPLOYEES

| | | |
|-----------------|----------------|---------|
| Fred Fredette | \$300.00 | |
| John Beale | 180.00 | |
| Wm. Holman | 180.00 | |
| John Salsou | 180.00 | |
| Sam Metherell | 216.00 | |
| Otto Darm | 198.00 | |
| Aug. Samuelson | 300.00 | |
| John Aho | 144.00 | |
| Thomas Hollow | 120.00 | |
| Bennett Andrews | 40.00 | |
| | <u>1858.00</u> | 1858.00 |

MISCELLANEOUS DONATIONS

| | | |
|-----------------------|----------------|----------------|
| Matilda Carlson | 180.00 | |
| Mrs. John Makela | 300.00 | |
| Mrs. W. Marjamaa | 180.00 | |
| Cecelia Brandt | 144.00 | |
| Mrs. Henry Hill | 180.00 | |
| Mrs. Henry Karkkainen | 180.00 | |
| Mrs. Rose Bertucci | 180.00 | |
| Gust Myllimaki Est. | 180.00 | |
| | <u>1524.00</u> | <u>1524.00</u> |
| | | \$ 3382.00 |

o. Cost of Living

We have continued to send out for a report on the 15th of each month a list of all food articles included in the Government tables, these being sent to a number of stores in the different cities and towns.

By direction of the Cleveland Office, we have ceased making complete tabulations and reports in the monthly report from this department.

It is very desirable that the storekeepers continue to give us these prices, knowing that we thus have information as to what prices are being charged our people.

p. Improvement Work

Mr. Warren H. Manning made two visits to this district during the year, the first being from May 15 to 17, and the second from October 17 to 19, and Oct. 22nd.

The inspections covered all properties of the Mining Department, in Ishpeming, Negaunee and Gwinn Districts and the Railroad and Furnace Department.

Julien Payen directed the work during the year and the use of the Ford truck made a closer supervision possible. No new work was undertaken, but careful effort made to keep the different properties up to the regular standard.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

p. Improvement Work (continued)

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

| | #1 Regular Labor | #2 Regular Materials | #3 New con- struction Labor | #4 New con- struction Materials | #5 W. H. Manning Services | #6 J. Payen Services & Expenses | Total Charges |
|------------------------------------|------------------------|----------------------------|--------------------------------------|--|------------------------------------|--|------------------|
| Athens Mine | \$ 624.24 | 13.76 | | | 40.00 | 15.50 | 693.50 |
| Barn & Culberts | 15.20 | 12.18 | | | 18.00 | 5.67 | 51.05 |
| Central Office | 102.50 | | | | 23.50 | 18.43 | 144.43 |
| Cleveland Field & Hillside Farm | 19.00 | 21.12 | | | | 4.02 | 44.14 |
| Cliffs Cottage | 1379.15 | 151.80 | | | 100.00 | 121.54 | 1752.49 |
| " " Grove | 188.75 | 39.44 | | | | | 228.19 |
| Cliffs Shaft | 462.29 | 9.15 | | | 17.50 | 15.55 | 504.49 |
| E. L. Derby | | | | | 10.50 | .56 | 11.06 |
| Division St. | 3.80 | .88 | | | | .10 | 4.78 |
| M. M. Duncan | 982.30 | 77.68 | | | 45.00 | 13.54 | 1118.52 |
| L. Eaton | 4.80 | 3.63 | | | 12.00 | 2.65 | 23.08 |
| S. R. Elliott | | | | | 22.00 | 4.52 | 26.52 |
| Gwinn Dist. Off. | 480.16 | 11.91 | 5.06 | | 7.00 | 1.00 | 505.13 |
| Gwinn Townsite | | | | | 10.00 | | 10.00 |
| Holmes Mine | 511.50 | 25.61 | 2.52 | | 34.50 | 15.57 | 589.70 |
| Ishpeming Hospital | 1120.01 | 245.60 | | 394.00 | 84.00 | 45.67 | 1889.28 |
| G. R. Jackson | | | | | 13.00 | 4.78 | 17.78 |
| Jasper Street | 125.40 | 54.07 | | | | 8.41 | 187.88 |
| Maas Mine | 494.07 | 66.10 | | | 34.50 | 17.70 | 612.37 |
| Machine Shop | 163.40 | 43.62 | | | 10.50 | 14.34 | 231.86 |
| O. D. McClure | 75.90 | 8.39 | | | 2.00 | 14.51 | 100.80 |
| Mechanical Office | 190.00 | 46.04 | | | 9.50 | 13.86 | 259.40 |
| Morris-Lloyd Mine | 346.19 | 36.74 | | | 22.00 | 16.48 | 421.41 |
| Negaunee Mine | 487.94 | 13.96 | | | 36.50 | 20.33 | 558.73 |
| No. Lake Location | 149.97 | .75 | | | 35.00 | 5.30 | 191.02 |
| No. Lake Club | | | | | 3.00 | | 3.00 |
| C. J. Stakel | 218.55 | 17.23 | 71.00 | | 15.00 | 14.98 | 336.76 |
| Seventh Street | 58.70 | | | | | .20 | 58.90 |
| C. J. Shaddick | 18.40 | | | | 9.50 | 3.95 | 31.85 |
| Storehouse & Blkshop | 87.89 | 39.14 | | | 15.00 | 2.48 | 144.51 |
| A. J. Yungbluth | 20.60 | | | | 10.50 | .33 | 31.43 |
| Hoist Dam | | | | | 160.00 | 19.23 | 179.23 |
| Miscellaneous | | | | | | 103.80 | 103.80 |
| | 8330.71 | 938.80 | 78.58 | 394.00 | 800.00 | 525.00 | 11067.09 |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

q. Prize Premises

The plan of offering prizes for Best Kept Premises and Vegetable Gardens, begun in 1894, was continued during the year with very satisfactory results.

This more than anything else has kept our homes in the cities and towns of our employes, up to a very high standard, and has had a beneficial effect in many ways.

The following is the distribution of prizes made just before Christmas, with a personal letter to each prize winner.

| | <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 |
| Republic | 50.00 | 50.00 | | 100.00 |
| Gwinn | 50.00 | 50.00 | | 100.00 |
| Iron River | <u>12.50</u> | <u>12.50</u> | | <u>25.00</u> |
| | 312.50 | 312.50 | 75.00 | \$ 700.00 |

r. Community Service Work

The Legion Building in Ishpeming is serving the community very well and in cooperation with the Y. M. C. A., a meeting place for all activities is furnished.

In Negaunee, just at the close of the year, a place was provided by the use of the former Fellow home for a Legion Club House, and this Department has been working with the company officials and the officers of the Legion in the matter of the equipment.

This is going to provide Negaunee with something which has been much needed.

s. Clubs

The Mining Club continued its meetings during the winter and spring and resumed its meetings the first of December. The Annual Outing was held in August at the "Y" Camp at Ross Lake.

The Power Club holds its meetings during all but the summer months, of the year.

These gatherings are serving a very useful purpose in stimulating acquaintance and interest of the different groups of employes.

t. Outdoor Sports

This Department assisted in the Annual Ski Tournament which was held in Ishpeming on Feb. 22, this being the first on the new hill which is near the road to Negaunee, just off the Cliffs Drive.

It was one of the most successful tournaments ever held in Ishpeming, and when the hill is fully improved, some of the best ski jumping anywhere is sure to be shown here. It was also a very satisfactory financial success.

The Gold, Silver, & Bronze Medals offered by Mr. Mather were greatly appreciated and were the most valued of all the prizes offered.

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

u. Various Departments

Throughout the year, this department has cooperated with the other departments and frequent visits have been made upon matters of Safety and Compensation, and special service.

With Mr. Manning, we visited the Furnace and Railroad Departments and Julien Payen has also assisted them in their improvement work.

Owing to press of work at this time, all of the reports have not been received at this writing, but will be attached with this report if received in time.

PENSION DEPT.

ANNUAL REPORT

YEAR 1926

23.

u. Various Departments

STATEMENT OF EXPENSES OF PENSION DEPARTMENT
FOR FIVE YEAR PERIOD FROM JANUARY 1ST, 1922 to DECEMBER 31ST, 1926

| ACCT. NO. | | 1922 | 1923 | 1924 | 1925 | 1926 | 1 |
|---------------------|---|----------|----------|----------|----------|----------|---|
| A-1 | Salaries of Superintendent of Pension Department and assistants | 7817 58 | 9168 29 | 9240 40 | 9348 00 | 9689 55 | |
| B | Prizes to tenants and employes for Best Kept Premises, Gardens, etc. | 676 00 | 690 00 | 970 00 | 781 43 | 732 35 | |
| C | All expenses of Supt. of Pension Dept. including travelling expenses & livery | 356 61 | 576 75 | 355 00 | 444 26 | 372 34 | |
| D | Salary and expenses of Visiting Nurse - Ishpeming | 2538 85 | 2790 61 | 2301 50 | 2400 94 | 2174 45 | |
| | Rest Cottage Deer Lake | 774 16 | 625 80 | 744 51 | 653 10 | 744 98 | |
| | Salary and expenses of Visiting Nurse - Negaunee | 3124 97 | 2939 79 | 2650 04 | 2663 97 | 2350 47 | |
| | Salary and expenses of Visiting Nurse - Gwinn | 2159 91 | 2073 47 | 1966 71 | 1952 21 | 1866 83 | |
| | Rest Cottage - Bass Lake | 337 00 | 365 60 | 401 80 | 361 60 | 386 60 | |
| | Our proportion of Visiting Nurse Expense - Iron River | 60 24 | 63 48 | 159 00 | 190 95 | 291 91 | |
| E | Apparatus, Express and Freight | 17 41 | 23 64 | 65 73 | 20 42 | 8 26 | |
| F | Miscellaneous Expense | | | | | | |
| | Books, cuts, magazines, papers, etc. | 92 94 | 115 80 | 250 46 | 272 61 | 280 93 | |
| | Incidental Expenses - Mining Department | 32 79 | 58 00 | 21 58 | 64 77 | 7 20 | |
| | Incidental Expenses - To Treasurer | | 50 42 | 57 50 | | | |
| | Donations to Incapacitated Employes | 2343 96 | 2335 98 | 1855 00 | 2052 00 | 2338 00 | |
| | Membership in Associations | 230 00 | 305 00 | 125 00 | 115 00 | 100 00 | |
| | Other Donations | 1860 48 | 1722 48 | 1615 80 | 1663 64 | 1873 65 | |
| | Food Preparedness-Including parcels of land used by Employes for Gardens | 66 00 | 20 00 | 20 00 | | | |
| | Relief rendered during curtailment of forces at the Mine | 6806 29 | 1520 25 | 1957 73 | 3503 85 | 3987 88 | |
| | Installing New Bowling Alleys and purchase of Pin Spotters | | | 2939 87 | | | |
| | Land Improvement Work- Depreciation on Ford truck | | | | | 174 71 | |
| G | Employes Clubs | | | | | | |
| | Bowling Alley and Club Work | 228 16 | 187 16 | 277 68 | 498 60 | 46 26 | |
| | Superintendents Lunches and Incidentals | 86 01 | 98 11 | 79 05 | 183 64 | 79 00 | |
| | Gwinn Club House | 7096 54 | 7619 48 | 6092 77 | 5761 09 | 5425 99 | |
| | Ishpeming Y. M. C. A. | 2412 00 | 2412 00 | 2412 00 | 2412 00 | 2412 00 | |
| | North Lake Club House | 2513 34 | 3286 93 | 3488 97 | 3180 35 | 3596 86 | |
| | Electric Power Club | 27 54 | 126 02 | 52 63 | 52 40 | | |
| H | Office Expense | | | | | | |
| | Stationery, Office Supplies and Expenses - To Treasurer | 327 18 | 421 71 | 376 60 | 501 13 | 612 96 | |
| | Stationery, Office Supplies and Expenses - Mining Department | 34 80 | 76 85 | 42 29 | 25 74 | 94 38 | |
| | Office Furniture and Equipment | 22 50 | 110 84 | 170 22 | 44 60 | 23 37 | |
| | Postage | 164 91 | 192 96 | 193 80 | 179 80 | 189 75 | |
| | | 44208 17 | 39997 42 | 40883 64 | 39328 10 | 39860 68 | |
| DISTRIBUTION | | | | | | | |
| | Mining Department | 31831 21 | 26044 13 | 28669 15 | 27679 68 | 29185 92 | |
| | Land Department | 849 38 | 719 69 | 909 69 | 894 28 | 658 53 | |
| | Furnace Department | 1176 70 | 1806 84 | 1517 77 | 1611 54 | 1480 39 | |
| | Lumbering Department | 757 43 | 1348 21 | 1325 75 | 1067 70 | 856 42 | |
| | Gwinn District Office Expense | 9593 45 | 10078 55 | 8461 28 | 8074 90 | 7679 42 | |
| | | 44208 17 | 39997 42 | 40883 64 | 39328 10 | 39860 68 | |

PENSION DEPT.ANNUAL REPORTYEAR 1926

23.

u. Various Departments (continued)RAILROAD DEPARTMENTCOMPARATIVE STATEMENT OF GENERAL WELFARE EXPENSES

YEARS 1925 - 1926

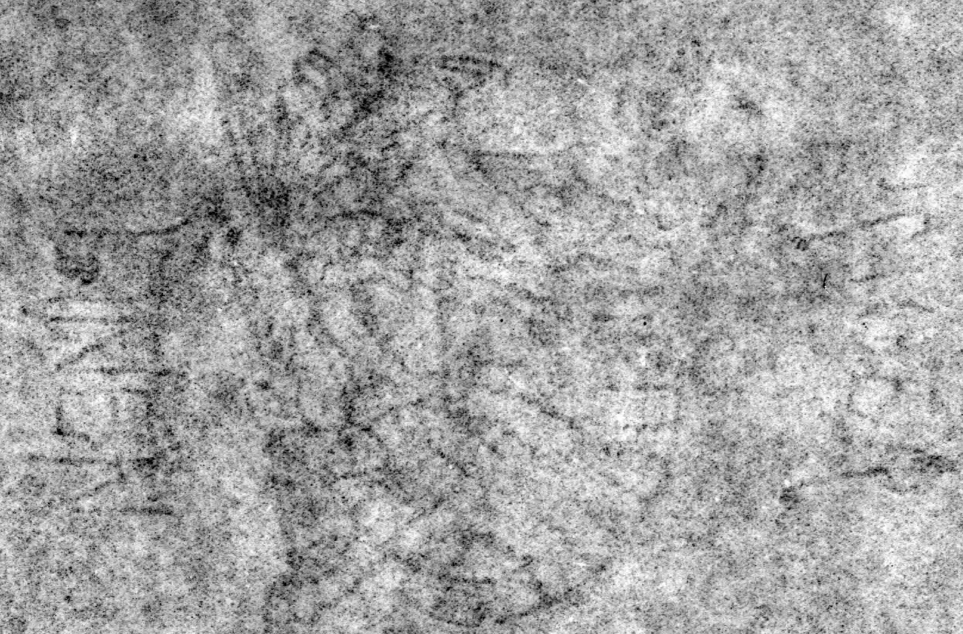
| | <u>1925</u> | <u>1926</u> |
|---------------------------|-------------|-------------|
| <u>Donations:</u> | | |
| Fire Department | 35.00 | 40.00 |
| Societies | 10.00 | |
| Celebrations | | |
| Visiting Nurse- Marquette | 120.00 | 180.00 |
| Munising Hospital | 600.00 | 600.00 |
| St. Luke's Hospital | 400.00 | 400.00 |
| To employees and families | 540.00 | 540.00 |
| Pensions | 432.00 | 432.00 |
| TOTALS | 2137.00 | 2192.00 |

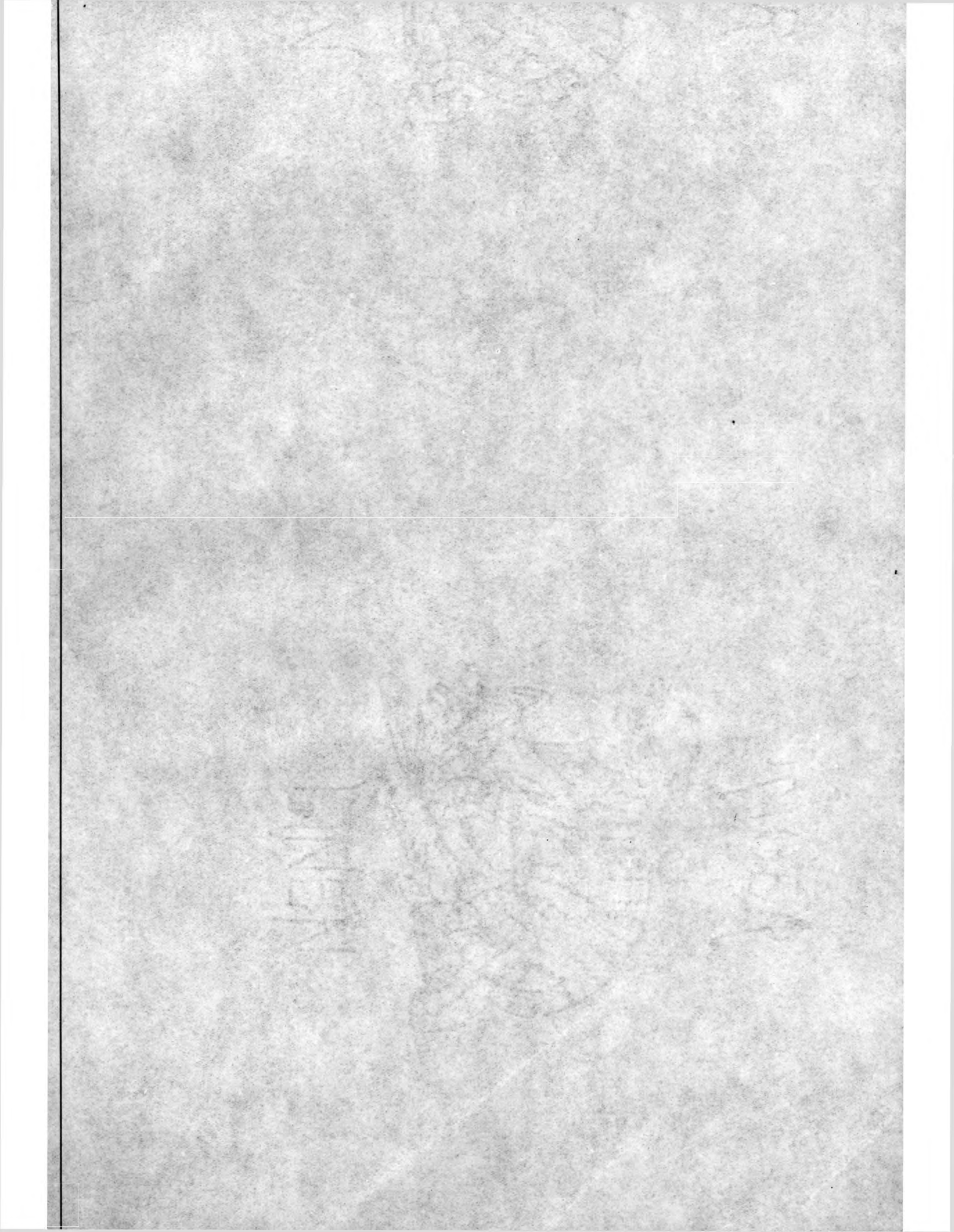
Safety Work:

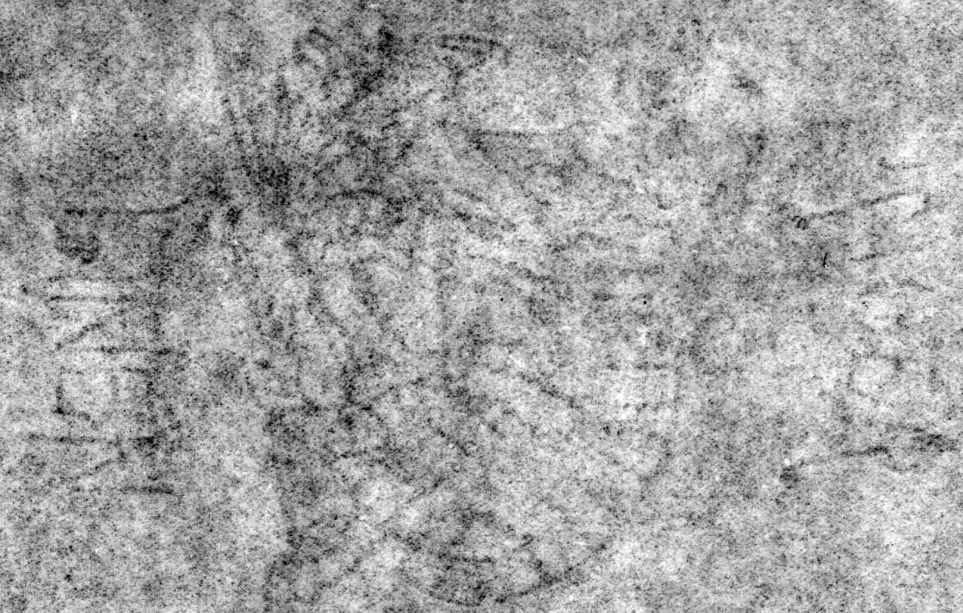
Equipment and Work

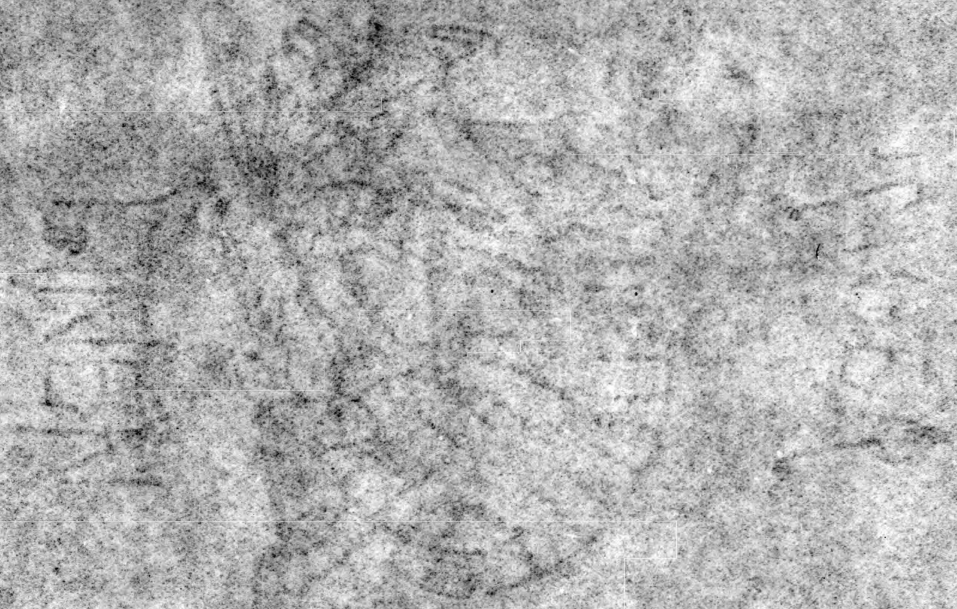
Compensation:

| | | |
|------------------------|---------|---------|
| Compensation paid | 3798.47 | 3969.01 |
| Medical Expense | 858.60 | 972.68 |
| Percentage of payrolls | .0045 | .0042 |









THE
BROOKS
COMPANY
CLEVELAND

1926

MS 86-100
1997