

The Lake Superior Mining Institute will hold its next annual meeting, August 26th to 30th, on the Mesabi Range, at places to be selected by the local committees as most convenient during the trip.

W. J. Woolsey, Thetford Mines, has returned from a nine months' business trip to Europe.

Chas. Spearman is superintending development work on the Burnside claims at Kirkland Lake.

A. E. Blair, Julio Madero and Raoul Madero, mining engineers, who took a prominent part in the Mexican revolution, are in New York City.

P. B. McDonald is at Gouverneur, N.Y.

Robt. Bryce is in charge of development work on properties south of Kirkland Lake.

H. K. Boysen has joined the staff of the Foster mine, Kirkland Lake.

Chas. H. Rogers, representing Ontario Porcupine Goldfields Company during the past year at Porcupine, leaves this month on a business trip to London, England.

Mr. Arthur S. Herbert has resigned his position as general manager of the Siemens Company of Canada, and has been appointed general manager of the branch offices of the Siemens Company in Australia.

W. Henderson Clark, managing director of the Anglo-French Exploration Company of London, England, and J. A. Denison, engineer in London for the same company, sailed from Quebec for Liverpool on June 26th on the Empress of Ireland, after having spent a month in the mining camps of Northern Ontario. They were accompanied on their trip by J. B. Tyrrell, who is their consulting engineer and representative in Canada.

The Roberts and Schaefer Company, engineers and contractors, Chicago, have just closed a contract with Mr. W. W. Keefer, president of the Pittsburg Term. Railway and Coal Company, and also the Millburn Coal and Coke Company, for the building of a large steel tipple at Keeferton, W. Va. The cost of this tipple will be about \$30,000, and it will be equipped with the new Marcus combination screen and picking conveyor.

Mr. W. L. Anderson, formerly of Porcupine, has been appointed local manager for the Motherlode Sheep Creek Mining Co., with gold mine and stamp-mill in Sheep Creek Camp, Nelson mining division, British Columbia. Mr. Geo. E. Farish, of New York, resigned as general manager for the company several weeks ago. He left Nelson on a visit to New York, going via Montreal, at the end of June. Mr. John McMartin and associates are large shareholders in the Motherlode Co.

Mr. J. Berglund is in charge of diamond drilling operations for the British Columbia Copper Co., on a group of mineral claims that company is exploring under option of purchase, on Copper Mountain Similkameen, British Columbia. Four drills are being worked, and much development work is being done as well, under the superintendence of Mr. Ed. Berryman.

Mr. J. F. Fredin, formerly of Toronto, has for some time been engaged in doing mining engineering work for the British Columbia Copper Co. on Copper Mountain, near Princeton, B.C.

Mr. Jay P. Graves, vice-president and general manager of the Granby Consolidated Mining, Smelting and Power Co., accompanied by Mr. George W. Wooster, treasurer of the company, left Spokane late in June for Granby Bay, Observatory Inlet, B.C., on a visit of inspection of the company's Hidden Creek

mine and the new smelting works being erected and equipped in its vicinity. On the coast the party was to be joined by Mr. A. C. Flumerfelt, of Victoria, who is also one of the directors, and Mr. F. M. Sylvester, assistant to Mr. Graves.

Mr. James J. Johns was given a valedictory smoker and made the recipient of a valuable present of silver plate and glass on the occasion of his leaving the Motherlode mine, near Greenwood, B.C., to proceed to Sudbury, Ontario, to begin his new duties of mine superintendent for the Dominion Nickel Co.

Mr. Frederick Keffer, geologist and mining engineer for the British Columbia Copper Co., recently examined a mine in Montana for that company. He was accompanied on his trip by Capt. Harry Johns, superintendent of the company's Kootenay mines.

Mr. I. L. Merrill, president of the Hedley-Gold Mining Co., has returned to Camden, Maine, from a visit to Europe.

Mr. W. C. Thomas, of Vancouver, B.C., has been in Lillooet district, British Columbia. He was formerly manager of the smelting works at Boundary Falls, in the same province.

Mr. J. Trainor, who was at one time superintendent at the Sunset copper mine, in Boundary district, B.C., is now engaged in a similar capacity on the property of the Dividend-Lakeview Consolidated Gold Mining Co., on Kruger Mountain, Osoyoos mining division.

## STATISTICS AND RETURNS

### OUTPUT OF ONTARIO MINES FOR FIRST THREE MONTHS OF 1913

Returns made to the Bureau of Mines show that the output of the metalliferous mines and works of Ontario for the first three months of 1913 was as follows:

| Products.                                   | Quantity. | Value.    |
|---|-----------|-----------|
| Gold, oz. ....                              | 50,637    | 1,030,920 |
| Silver, oz. ....                            | 7,264,559 | 4,040,450 |
| Copper, tons ....                           | 3,075     | 436,328   |
| Nickel, tons ....                           | 6,311     | 1,309,870 |
| Iron ore, tons ....                         | 15,389    | 25,695    |
| Pig iron, tons ....                         | 181,042   | 2,506,175 |
| Cobalt, cobalt and nickel oxides, lbs. .... | 280,096   | 120,500   |

### COBALT ORE SHIPMENTS.

The ore shipments for the week ending July 5, 1913, were:

| Mine.                 | High. | Low. | Pounds. |
|-----------------------|-------|------|---------|
| Casey Cobalt .....    | 1     | ..   | 73,800  |
| Cobalt Townsite ..... | 1     | ..   | 56,500  |
| Cobalt Lake .....     | 1     | ..   | 60,900  |
| Dom. Reduction .....  | 1     | ..   | 86,900  |
| Coniagas .....        | 2     | ..   | 156,460 |
| Peterson Lake .....   | 1     | ..   | 59,650  |
| Cobalt Comet .....    | 1     | ..   | 63,700  |
| Trethewey .....       | ..    | 1    | 40,000  |
|                       | 8     | 1    | 597,900 |

The bullion shipments for the week were:

| Mine.                   | Bars. | Ounces.    | Value.       |
|-------------------------|-------|------------|--------------|
| Nipissing. ....         | 123   | 147,854.70 | \$85,706.21  |
| O'Brien. ....           | 29    | 26,983.00  | 14,889.93    |
| Miller Lake O'Brien.... | 2     | 1,976.00   | 1,082.86     |
|                         | 154   | 176,813.70 | \$101,679.00 |