

LAKE SUPERIOR MINING INSTITUTE ANNUAL MEETING

The meeting of the Lake Superior Mining Institute, which was credited to the Marquette range this year, will go down in the history of the organization as one of the most enjoyable of that body. Having entertained the association three times previously, it was decided to depart from the general custom of spending all the time at the mines, and take a side trip on the lakes to the city of Detroit. Marquette being the oldest of the iron ore ranges was very well known to nearly all of the Institute members, and to have held the party here for three or four days would have become somewhat monotonous.

It was not a good time for the most generous attendance on the part of the members. There are many new orders coming from the headquarters to the mine representatives, this being a most trying time in the metal as well as other industries. Men are being laid off, wages lessened, and changes made generally, and many could not leave their places who would, under more favorable conditions, have been present. Considering these things the number who did come exceeded the expectations of Secretary A. J. Yungbluth and others in charge of the meeting. At the dinner served at Wawonowin Golf Club, Ishpeming and Negaunee, about three hundred were present, while this number was exceeded at the whitefish dinner served at the Lake Shore Engine Works in the evening. This was a fine representation. On the lake trip there were about 140 members present, enough to make a right active, jolly party.

In Ishpeming there were the first aid contests at Union Park, beginning at 9.30 in the morning. This was the first time the Institute had staged anything like this, and it proved very interesting, and was well suited to the programme and to the mining industry. Twelve teams representing eight different mining organizations participated. They were lined up in a semi-circle in front of the grand stand, presenting, in their neat costumes, a very pleasing appearance. Each team had been well drilled, and when only a portion of them were working the rest stood at attention. Six men composed a team, five workers and one patient. There were ten events. Two one-man events; two three-men events, and the balance of teams events, which kept the teams busy until noon. Certain time was allowed each event, after which the gong was rung at the end of every minute until all had completed the event. For one minute overtime one point was deducted. Two minutes overtime barred the team from marking in that event, disqualifying them. There was some nervousness exhibited by several of the members of the teams at the outset, but despite this work was done well in every instance.

The exhibition was witnessed by a large number of people and there were many ladies in attendance. This promises to be a regular feature at forthcoming Institute meetings, and properly belongs here. It is an encouragement to the teams and is aiding a splendid work.

With the first aid contests ended the members were conducted to the Wawonowin Golf Club house, near by, where a very fine lunch was served.

The members then visited Union Park again, where there was what was reported to be a baseball game in waiting. It was between the old rivals, Ishpeming and Negaunee, leaders and tail enders in the Marquette Delta County League.

Here, the Cleveland-Cliffs Co. is sinking what will be when completed one of the deepest shafts in the iron country, it to go more than 2,000 ft. It is a circular

shaft, 17 ft. bore, and is to be concreted from top to bottom. It has been concreted to a depth of 150 ft., and will take about two years to finish. An excellent equipment has been provided for the work. In two hours recently 20 ft. of concrete was poured. The sinking here is done by a cage, which is working satisfactorily.

The next stop, and the last at the mines, was at the Negaunee mine of the Cleveland-Cliffs Co. This is one of the neatest, we may say the neatest, of any of the iron ore mines in the Lake Superior country. It's a model, and suggests thrift. The equipment is electrical from top to bottom, the final word in mine operation. It's the very best known. Man has not conceived or invented anything more efficient than is to be found here. The mine is raising about 1,100 tons of ore daily, working in a quiet way, suited to the market. Every member was loud in his praise of the appearance of everything at this location. Steel and concrete play important parts in the construction work. The shaft is concreted as are tunnels leading into it. Stockpile trestles are steel and concrete. It's a solid order of things and meant for business.

From the Negaunee mine the party went on by automobiles to Marquette. It was a dusty ride, but enjoyable, their being about sixty cars in line. The Lake Superior and Ishpeming Railway Co.'s ore dock was inspected. It's the only all steel and concrete ore dock in the world, absolutely fireproof. It's all electrically operated, too. There are 200 pockets each with a capacity of 300 tons.

After inspecting this dock the Institute members autotomiled to the Lake Shore Engine Works, where the plant was inspected, and where a new ore loading machine to be used underground in drifts was one of the objects attracting attention. This loader was working in a timbered drift, on surface, handling gravel, which it did efficiently. Various expressions were heard as to its probable practicability, but this is to be fully tested at the Balkan mine, Alpha, Menominee range, in the near future. The machine went through all the motions of a steam shovel smoothly.

The Lake Shore Engine Works, besides having a reputation for mining and other machinery, is also known among the Institute members for its whitefish. Once tried they are always in demand, so that Mr. Flodin has found a task, at each reappearance of the Institute on this range, in providing one of his famous dinners. This dinner was served in the big foundry room, which had been finely decorated for the occasion. At the entrance, in the form of an immense wheel, was an electric sign welcoming the members. More than three hundred sat down at the tables. The fish was broiled to a turn and was delicious. The fishermen must have had a splendid catch that morning to care for all who were served and who asked if they could please have some more. With the fish were many things, being proper accompaniment.

At eight-thirty in the evening the members attended the Marquette Theatre, where a special moving picture show had been prepared for them. There were two intensely interesting reels by the Bureau of Mines in co-operating with Witherbee Sherman & Co., showing surface and underground views at Mineville, N.Y. Through the pictures first aid and rescue work was frequently shown. A reel of pictures provided by Mr. J. M. Longyear showed scenes in and about the DeBeers mines, Kimberley, diamond and gold operations being illus-