

## Story of Research Work Carried on at McIntyre

**Dr. Robson Outlines Experiments at McIntyre and Results in Paper Given Before Fellows of the Royal College of Physicians and Surgeons at Their Meeting in Ottawa.**

On Saturday last at the meeting of mine, Schumacher, Ont., described progress of work in combating silicosis up to and since last July's publication in the Canadian Medical Association Journal of a paper by himself and Dr. J. J. Denny, metallurgical engineer, in which they reported they were able to neutralize the toxic effect of silica dust on experimental animals by introduction of fine aluminum powder into the dusty air they breathed.

As a consequence of results obtained in work on animals, Dr. Robson said, the McIntyre mine has been experimenting for the last six months with methods of releasing aluminum dust into the air of its underground workings. It obtained best results by installing injectors on the air lines and atomizing the dust dry into the chambers.

Tests following blasting when the dust is thickest, he said, "show reduction in the soluble silica content of from 90 to 95 percent, using one ounce of aluminum powder in a drift containing 7,000 to 10,000 cubic feet of air."

Previous work indicated that if silica could be prevented from going into solution in the lung, it would lose its toxic effect.

From this point successive steps in the research reached the conclusion that silica dust sprayed with aluminum powder lost its injurious effect on the lungs. This meant that a great measure of immunity from silicosis would be secured from silica dust in the mine air. The research workers were not content with this, as it seemed a comparatively clumsy method and did not assure full protection to the workers. Accordingly the experiments were continued, and it was chiefly on the results of the continuance of the research that Dr. Robson spoke in his paper before the Ottawa gathering of physicians and surgeons. Among the newspaper reports of Dr. Robson's paper that in the Ottawa Journal deals with the matter in greater detail than any of the other newspaper reports noticed by The Advance. The following is the reference in full by The Ottawa Journal of the paper given before the Royal College of Physicians and Surgeons on Saturday:

**Work in Combating Silicosis**  
Dr. W. D. Robson, of the McIntyre

"Even if the aluminum treatment

should not work as satisfactory in humans as in our animals, we feel that we have definitely settled the question as to whether the fibrosis-producing (disease-producing) property of silica was due to its chemical action or physical presence in the lung. We also feel that if these experiments have done nothing else they have stimulated an interest in the industry along preventive lines, especially ventilation, and have, therefore served their purpose."

Work is being continued at the mine, and at the Banting Institute in Toronto under a grant of \$15,000 from the mine.

### Wants His Property to be Used as an Orphanage

Mike Morin Uvanoff, himself an orphan who came to Canada some 29 years ago, wants a board of trustees to take over his 160-acre property in the Kenogami district and use it as an orphanage for the District of Temiskaming. Mr. Uvanoff was born in Bulgaria, but for many years has been a naturalized Canadian. He has lived on his farm in Ely township for over twelve years and has 23 acres fully cleared and in crop. His proposal is to have two English-Canadians, two French-Canadians, and two each of Jugoslovaks, Bulgarians and Ukrainian parentage become trustees. The offer is a generous one but it is doubtful if it can be taken up at any early date as the cost of the necessary buildings and the expense of maintenance would be high.

Dr. Robson said experiments indicated aluminum would not act systematically, but must be mixed with the dust to be effective. "Whether this mixture must be continuous or not we are proving by dusting some animals for half an hour with straight aluminum dust, then 12 hours in straight quartz dust," he added. "If this works satisfactorily, it would mean that miners could be dusted with aluminum dust going on and coming off shifts, thus eliminating the aluminum dust in the mine air."

**Mines Take Preventive Measures**  
The mines, Dr. Robson said, "are now spending vast sums of money on ventilation to minimize the amount of dust as much as possible, and if these experiments now in process should work out 100 percent, as they appear to be doing, then silicosis as a mining problem will be practically eliminated."

A charming shower was held in the Poole Memorial hall, Ansonville, on Tuesday, November 2nd, for Miss Evelyn Millar, whose marriage will take place on November 11th. The shower was sponsored by a few intimate friends of the Millar family, and the number of people present testified to the popularity of the bride-elect. Miss Millar received many beautiful and useful gifts. In the course of the evening games were played, and a delightful lunch was served.

### INTERESTED IN IMMIGRATION



Two prominent Salvation Army officers from London, who are here to survey the possibilities of migration from Great Britain to Canada arrived at Quebec in the Canadian Pacific liner Empress of Britain. They are Commissioner David C. Lamb, head of the Army's Intelligence department, and Brigadier M. O. Culshaw, secretary of the migration department. Commissioner Lamb is on the right of the picture.

## Iroquois Falls Cubs Hockey Team Organizes

**Eastern Star Card Party at Iroquois Falls. Hallowe'en Party by Literary Society of L. F. High School. Surprise Shower for Popular Ansonville Girl. Other Iroquois Falls and Ansonville News**

Iroquois Falls, Nov. 3, 1937.—(Special to The Advance)—A successful bridge party was held by the Eastern Star Pioneer Chapter, No. 77, on Thursday evening, Oct. 28th, in the Orange Hall. Good attendance made the party interesting, the winners for the ladies being: first, Mrs. G. L. Whiting, receiving a lovely bridge cover; second, Mrs. R. Sawyer, receiving a lovely buffet set. The consolation prize was awarded to Miss F. Simpson. Winners for the men were: First, Mr. H. Jones, being given a nice double deck card set; second, Mr. W. Butcher, receiving a shaving set. Consolation for men was awarded to Mr. N. Sullivan.

Refreshments were prepared and served by the entertainment committee, Miss E. Banting and Mrs. C. C. Olivier. An enjoyable evening was had by all.

### Cub Hockey Team Meets

The Cubs Hockey team turned out in full numbers to attend the first meeting of the coming season, held in the Iroquois Falls fire hall, on Thursday evening, October 28th.

Mr. F. Miller, manager of the Cub Hockey team, together with Mr. T. Cybulsky, a great hockey enthusiast, and coach of the team, also Mr. Regimbald, secretary for the team, discussed the activities of the coming season with the boys, and promised their support for the coming season, 1937-38.

It was hinted at this meeting that the Cubs will, this year, join the Junior Hockey League. If they should duplicate their last year's victories, they certainly will be heads in hockey. Last year these boys showed their talent in playing hockey by winning all major games in the North, later going to Toronto to take the Juvenile Championship of Ontario.

At this meeting also discussed were ways and means of securing finances and it was further decided to hold a card party and bingo in the near future, the proceeds going to start the boys off on the right foot.

The Cubs hockey team is made up of the following boys: E. Courier, E. Porter, L. Watt, A. Ronholm, A. Smith, E. Dawson, T. Brown, J. O'Mara, D. C'Mara, A. McGrath, Bob Miller and G. Cybulsky.

This team does display a great game of hockey and it will be well worth your while seeing them in action in their future games.

### PERSONALS

A Hallowe'en tea was held in the United Church on Saturday afternoon, October 30th, under the auspices of the United Church choir. There was an unusually large gathering, which made this tea a success. The proceeds will be used by the choir to provide new music.

Miss Blanche Cote has just returned from a short business trip to Ottawa. Pat Walsh, our local weather forecaster, stated that the residents of Iroquois Falls would not have any cold weather till Christmas. Pat receives quite a lot of comments, for and against on his forecasts, but time usually reveals his prognostications as nearly right.

### Hallowe'en

The transformation from children to bewitching faces and costumes took place on Hallowe'en, and these weirdly clad children paid their annual visit to the residents of Iroquois Falls and vicinity. These people in turn forfeited candy, peanuts, apples and treats to try and bribe them from executing their evil threats of doing tricks. The children were evidently well paid, for no serious tricks were reported. The usual displacement of garbage cans took place, and many householders were forced to go far and high to retrieve them. The children reported, while holding a large bag of bounty under their arms, that the evening was a huge success.

A number of people from here motored to Cochrane on Friday evening, to attend the annual ball of the Cochrane Masonic Lodge. They reported that they had a very enjoyable time.

### Literary Society of the High School

**Hold Hallowe'en Party**  
A most successful and amusing party was held in the assembly hall of the school on Friday evening, October 29th. The party was put on by the Literary Society of the High School, for the whole High School. No one was allowed entrance without costume, so, as the party was very well attended, this added to the colour and merriment of the evening. The teachers who attended were in costume. Mr. Cushnie, principal, was dressed in a hard-time costume; Mrs. Cushnie as a Dutch girl; Mr. Palmer as a clown; Mrs. Palmer as a

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### Large Attendance at Funeral of S. Tilley

Burial With Legion and Sons of England Honours. Many Beautiful Floral Tributes

The funeral of the late Sergt. Samuel Tilley, who died on Sunday last after a brief illness, was held on Tuesday afternoon and was one of the most largely attended in the history of the town. During the afternoon the body rested in the Legion hall where hundreds of citizens paid their last respects. The many beautiful floral tributes bore testimony to the esteem in which the late Sergt. Tilley was held and the deep sympathy felt for the bereaved family.

The funeral procession left the Legion hall in the following order: Canadian Legion members, over 100 strong; the Sons of England, with a large turnout of members; the Porcupine Pipe Band; the full membership of the Ladies' Auxiliary of the Canadian Legion; a car heaped with floral tributes preceded the hearse; then followed the long procession of mourners in cars and on foot.

The St. Matthew's Church proved much too small for the large number attending, and many were forced to wait outside the church. The service conducted by Rev. Canon R. S. Cushing was brief, but most impressive and touching. "Jesus, Lover of My Soul," a favourite hymn of the late Mr. Tilley, was sung, the singing being led by the ladies' choir of the church.

The remains were laid to rest in South Porcupine cemetery, beside his long-time friend, Comrade Teasdale, this being one of the wishes of Mr. Tilley before he passed away. At the graveside there were Legion and Sons of England honours for their dead friend, members of the Legion placing poppies and the Sons of England placing red roses on the coffin. The "Last Post" was sounded by Buglers P. Cherry and A. Pearce, and the Lament played on the pipes by Pipe-Major McLennan and Pipe-Sergt. H. O'Neill.

Floral tributes were sent by the following:—Family; Sister Fidelis and student nurses; the only grandchild, Bobby; Mrs. A. Shaheen and family; Mr. and Mrs. R. M. Wynne; Mr. and Mrs. S. Habib and family; Royalty Lodge S.O.E. Aurora; Granddad Clarke, England; Mr. and Mrs. J. Sears and family; Marion; Madge; Mr. and Mrs. Charlton and daughters, Nancy and Lottie; Bill and Mrs. Johnson; Mr. and Mrs. T. Vansickle; Postmaster and staff; Harold and Elsie; Read family; Guides 51st 106 I.O.D.E.; Mr. and Mrs. R. Wilson and family; Joe and Lou; Mr. and Mrs. Parson and family; Mr. and Mrs. A. Booker and Marjorie; Mr. and Mrs. G. Webber; Jim Joe, Win, Keith and Millie Brown; Scotty and Amanda Andrews; Mr. and Mrs. T. Villeneuve; Mr. and Mrs. F. Rymer, England, and Walter, Betty and Dorothy, Timmins; Mr. and Mrs. A. Borland and family; Mr. and Mrs. B. Ketley; from his Partner: Members of Goldfield Lodge 387 Sons of England; Mr. and Mrs. M. Quina and family; J. Law, J. Smithson, W. Docton; T. Gay; J. Kelly; S. Armstrong; R. McTaggart; Mr. and Mrs. A. Olsen; Mr. and Mrs. E. H. King; Mr. and Mrs. J. Dougherty; Ladies' Auxiliary of the Canadian Legion; Mr. and Mrs. W. Lainsbury and family.

Mr. and Mrs. W. Forrester; St. Matthew's Bible Class; Mable and Johnny; Mr. and Mrs. F. S. Southeam; Mr. and Mrs. H. McQuarrie; Jack and Regan; Mr. and Mrs. P. Jenkins and Ronald; Mr. and Mrs. J. Farrer; Mr. and Mrs. W. Pritchard; Mrs. J. Thompson-Wilson; Mr. and Mrs. J. Cowan; Mr. and Mrs. L. May, Barbara and Junior; Mr. and Mrs. M. Parker; Mr. and Mrs. W. Palce; Mr. and Mrs. W. MacMillan; Mrs. Letang and June; Mr. and Mrs. G. Starling and family; W. J. Daniels; Cliff and Iris; Daisy and Randal; Mr. and Mrs. J. Ornston; Branch 88 Canadian Legion; Miss Burke, Miss Lawlor, Miss Findlay, Miss Adams, Miss Desarcy, Miss Banning, Miss Chasson, Miss Dwyer; a few sprays came unmarked.

### Unusually Large Docket of Cases at Amos, Quebec

At the magistrate's court opening yesterday at Amos, Quebec, there were 72 cases, 15 of them being prosecutions by the Abitibi Patrol of the Quebec provincial police. District Magistrate J. A. Matayer is presiding at the sessions of the court and it is expected that it will take probably three weeks to hear the 72 cases. Procedure in Quebec province is different to that in Ontario and cases are not disposed of as quickly.

### Larder Lake Clergyman to Return to China Mission

Larder Lake, Nov. 2.—Rev. Bruce Copeland announced Sunday at the evening service in St. Andrew's church, Larder Lake, that he has received the call to return to China Missions the middle of November.

Friends received this announcement with regret, but feel happy to have Rev. and Mrs. Copeland for another few weeks of assistance in the forming of the new church in Larder.

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