



# THE MINERAL VEIN

## THE MINERAL SOCIETY OF MANITOBA NEWSLETTER

October 2006

The Mineral Society of  
Manitoba  
c/o The Manitoba Museum  
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### 2005 – 06 EXECUTIVE

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### Society News

Dues are \$10/year (\$15 for families) and are payable at the October meeting or by mail during October.

Meetings are held on the first Wednesday of each month from September to May inclusive at the Manitoba Museum in room P47 on the Planetarium level. They begin at 7:30 PM and feature announcements, an invited speaker and a draw. Members are encouraged to bring along any new, interesting specimens or specimens appropriate to the speaker's topic.

Field trips take place from May to September to interesting sites in Manitoba, neighboring provinces and states.

### Next meeting Wednesday, November 1, 2006.

We will have the pleasure of Chris Lammers giving a presentation on Fluorites. This will be a show and tell featuring her collection of fluorites from around the world.

### 2005-2006 Executive

We have a new executive. They are looking forward to the continued support of the membership in moving the club forward.

### XMAS PARTY

This year's Xmas party will be at the Army Navy & Air Force Veterans Winnipeg Unit No 1 (Legion), on 300 – 1395 Ellice. This is between Ellice and Sargent with entrance on Empress Street. The Legion is north of Ellice Ave. between S.I.R. and Economic Development and Mines (Energy and Mines). **See map, page 2**

This year we will be feasting on a sit down turkey dinner with all the fixings. For \$15.00 per person, this includes; salad, stuffing, mashed (real) potatoes, cranberry sauce, desert, tax, and gratuity. There will be an open bar, with drink prices at \$2.40.

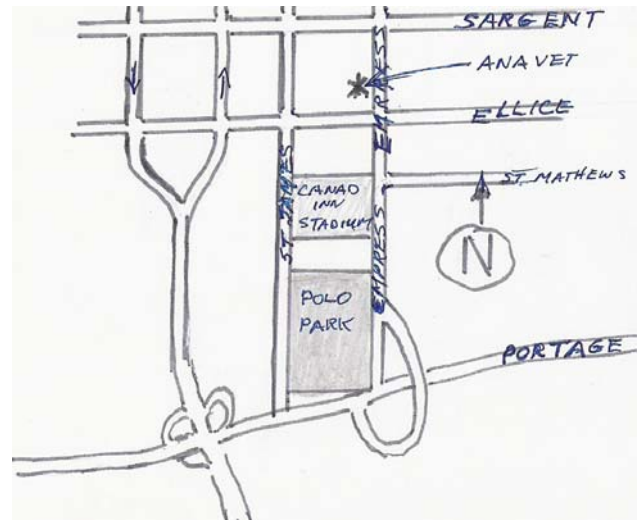
Our Xmas party will be from 3:00 PM to 10:00 PM. Dinner will be served at approximately

4.30 PM with our ever-popular auction happening after desert, featuring our ever-popular auctioneer, Tony Smith

Please bring auction donations, preferably minerals, fossils, related books, but anything of unique interest, will be welcome.

Two other Xmas parties will be happening in adjacent rooms. When entering the front doors, turn left then right. Walk straight through this room, past the bar, to the games room, at the back, left.

Lots of free parking is available. As per my inquiries, S.I.R. and Energy and Mines do not have a problem with after hour parking. Except: the four stalls in front of Energy and Mines, which are reserved 24 hours.



Please reserve your seat at our next meeting, Wednesday Nov 1. Contact Sherri Godard prior to November 20 deadline for reservations.

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## 2006 Donations

The Mineral Society of Manitoba has concluded its gift giving for the 2006 year with a \$15,000.00 donation to the Department of Geological Sciences, University of Manitoba. The money has been used for the purchase of two Nikon E200POL transmitted light microscopes. Given the increased number of students, these two microscopes are a valuable contribution to the department's Petrography Lab. Earlier this year the Mineral Society made a \$12,500.00 donation to the Manitoba Museum of Nature. The money was used for the purchase of desperately needed storage case for fossil and minerals. **The Mineral Society is to be commended for the total gift giving of \$27,500.00; way to go to all those hard working Mineral Society workers that helped make this happen!!!!**

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## Presidential Address

Jack Bauer, President

I would like to thank the previous executive for the many years of service they have dedicated to the Mineral Society of Manitoba. I look forward to their continued association and support in what ever their new priorities allow. I would like to wish them good luck and good health in their new endeavours.

I would like to thank our new executive for standing up and volunteering their valuable time. I look forward to working with all of you, this coming year.

I have been involved with the Mineral Society since 1991 and have seen the membership grow and shrink over the years. Age, health and changing family priorities, have effected our memberships, as well as our sister (related) clubs. Through necessity and convenience, we have amalgamated our field trips with the Winnipeg Rock and Mineral Club. This move has proved positive for both clubs. The

Winnipeg Gem Club expressed an interest in joining our field trips. I welcome this and other suggestions that may someday bring the different groups closer together.

Due to a conflict of interest in the past, the clubs have been divided. This may no longer be an issue. Some believe we now have too many mineral clubs in the city. I believe, that each club provides important and different aspects to the vast field of Earth Sciences. The loss of any one club could mean the loss of valuable knowledge, experience and resources, etc. I also believe there may be a need for a junior rock club.

My vision would be, to see the different clubs come together, combining resources, possibly, under one umbrella organization. If the will is there, to tear down the walls, I would be interested in your thoughts, in this regard.

Call me at 632 6934. Please leave message, if I am not immediately available.

Jack Bauer

### **New Members**

Here is a warm welcome to our new members:

- Nancy Schlossman from Boise, Idaho, USA
- William & Evelyn Grieve from Dugald

### **Notice**

**If you have not renewed your membership for 2006 – 2007, this will be your last newsletter**

## **Manitoba Mining & Minerals Convention 2006**

**November 20 – 22**

The Manitoba Mining and Minerals Convention has been the annual focal point for the province's mineral sector for 38 years. The Mineral Society Of Manitoba will be participating again this year on November 21 and 22 from 8:30 a.m. to 4:30. We will be stationed in the student Activity Corner providing minerals and fossils to be put on glue cards. We will also be displaying our Robinson collection and, of course, Jack Bauer's fluorescent samples. Last year we volunteers were provided with free parking and a lunch with the Premier. It also provided with an opportunity to talk with various prospectors and miners. This editor, for one, learned a lot. It is also a good time to make contacts with people in the mineral world.

**What we need are volunteers: people to handle the glue cards and students. Please step up and volunteer at our Nov. meeting.**

### **All Collectors Alert**

The **Leon Kinsbergen collection** is being sold.

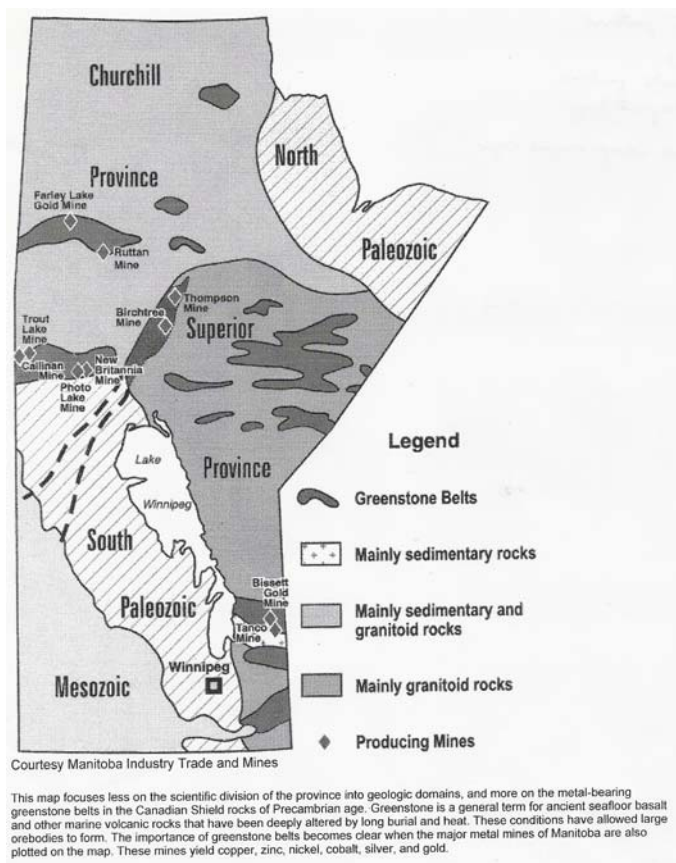
If you are interested, contact Tony Smith at 204 489 3081

# LITHOPROBE

Canada's largest earth science project, Lithoprobe, is now nearing completion and changing some long-held thinking about the rock that lies deep beneath our feet. It started some 20 years ago. Canada's national, collaborative, multidisciplinary Earth science project was established in 1984 to develop a comprehensive understanding of how the Canadian landmass and continental margins developed through geological time, the last 4 billion years.

This project was initiated to gain a basic understanding of the continent on which we live, from which we derive resources and which generates natural hazards such as earthquakes and volcanoes. It provides regional background information useful to mining, petroleum, other resource industries, and information for mineral and gem collectors.

In one such area in northern Manitoba and Saskatchewan, Lithoprobe discovered a turbulent history. Geologists were absolutely astounded about how wrong their interpretations had been from previous studies based only on surface geology.



Ocean gave way to mountains which became plains as the ancient Canadian Shield was stitched together in northern Manitoba and Saskatchewan.

The area underlain with Canadian Shield bedrock is one of the oldest and least active parts of the earth's crust. At one time, the region looked more like today's earthquake-prone Indonesia and, later, like the towering Himalayas.

Mining companies are using the seismic reflection technology and the knowledge acquired from the Lithoprobe to tap new mineral deposits.

Over Manitoba and Saskatchewan there was first an ocean with volcanic islands, then mighty mountain ranges rose as continents collided. After the forces that powered the continental collision subsided, water, glaciers, ice, wind, and gravity eventually leveled the chain of mountains, leaving a relatively smooth plain. Sedimentary rock later covered the older bedrock. This flat image is deceptive hiding the upheaval that occurred. It is this active history of the earth that has produced the highly fruitful greenstone.

The resulting greenstone belts are our most productive areas in the pursuit of minerals and gems.

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## Vice President Request

The Vice President is new to the job and requests ideas and assistance in procuring speakers for our meetings. In the past we have been fortunate in obtaining interesting and enlightening presentations. We have had curators of museums, engineers and geologist, amateur rock hounds, fossil collectors, and general enthusiasts.

**Needed are ideas from the membership. Please contact Marion at 775 0625 or e-mail her at [2mandm@mts.net](mailto:2mandm@mts.net).**