

## GENERAL INFORMATION

The 51st annual Institute on Lake Superior Geology will be held on **Thursday, May 26 and Friday, May 27, 2005** at the Nipigon Community Center, Nipigon, Ontario. A two-day technical session will be sandwiched between a full slate of pre- and post-meeting field trips (see below). Please return or E-Mail the attached Response Form by **April 2<sup>nd</sup>, 2005**.

This is the second and last circular you will receive for the 2005 meeting!

## IMPORTANT DATES

April 2, 2005 - Abstracts Due  
April 2, 2005 - Pre-registration Deadline

## ORAL AND POSTER PRESENTATIONS

All topics will be considered. Two 35mm projectors, a digital projector for MS PowerPoint®, overhead projector and velcro-amenable poster boards of approximately 4' x 8' will be available. All speakers are encouraged to use MS PowerPoint® presentations.

## ABSTRACTS

All abstracts will be reviewed for content. Authors will be notified of acceptance and time slot by mail or e-mail. Specifications include:

- 1) Limit of two pages (8½" x 11") including illustrations and references
- 2) Use Times New Roman font, 12 pitch, top and bottom margins of 1¼", right and left margins of 1"
- 3) Use GSA or GAC-MAC-SEG style for the abstract, title, author(s)' name, affiliation and cited references
- 4) Preferably provide a digital copy (in MS Word® format) on by e-mail; maps and diagrams must be in .jpg or .tif format. Send abstracts to:

[nipigon2005@lakeheadu.ca](mailto:nipigon2005@lakeheadu.ca)

Abstract submission deadline: April 2, 2005

## STUDENTS

Students are being especially encouraged to participate in all facets of the ILSG. Travel subsidies are available for qualified students who attend the 51<sup>st</sup> ILSG. Request applications from Dr. Peter Hollings, Co-Chair at [nipigon2005@lakeheadu.ca](mailto:nipigon2005@lakeheadu.ca). Applications must be completed and returned by **April 2, 2005**. Cash prizes will be awarded for the best student-authored presentations

## ACCOMMODATIONS

A limited number of rooms have been set aside for ILSG delegates at several local motels, listed on the ILSG website. When you make a reservation, please mention that you are reserving for the 51<sup>st</sup> ILSG. Details are available on the website at:

[www.lakesuperiorgeology.org/nipigon2005](http://www.lakesuperiorgeology.org/nipigon2005)

## FIELD TRIPS

### Pre-Meeting:

- 1) **Geology and gold mineralization of the Beardmore-Geraldton greenstone belt**  
Tuesday, May 24 & Wednesday, May 25; Leaders: Mark Smyk & Tom Hart (OGS) and Phil Fralick (Lakehead University)  
This **two-day** trip will investigate supracrustal rocks of the Neoproterozoic Beardmore-Geraldton greenstone belt. **Trip costs include overnight accommodation in Beardmore and meals during the trip.**
- 2) **Quaternary Geology of the Beardmore – Nipigon area**  
Wednesday, May 25; Leader: Peter Barnett (OGS)  
This trip will feature varied aspects of local Quaternary deposits and associated Archean and Proterozoic bedrock features and geomorphology.
- 3) **A Stratigraphic Transect Across the Northern Flank of the Midcontinent Rift near Rosspoint (I)**  
Wednesday, May 25; Leaders: Peter Hollings and Phil Fralick (Lakehead University)  
The offshore islands in Lake Superior near Rosspoint provide a 6 km transect from Archean basement through to Mesoproterozoic, Midcontinent Rift-related Osler group volcanic rocks. **Please note that this trip is dependent on weather and lake conditions. In lieu of this trip, an alternate trip to the former Winston Lake Cu-Zn mine will be offered. The trip will be limited to 20 people.**

### Post-Meeting

- 4) **Geology and Rare Element-bearing pegmatites of the Quetico Subprovince**  
Saturday, May 28; Leaders: Mark Smyk (OGS) and Steve Kissin (Lakehead University)  
Greenschist-facies clastic metasedimentary rocks, upper amphibolite-facies migmatites and derived granitoids and pegmatites will be featured.
- 5) **Geology of the Black Sturgeon Area**  
Saturday, May 28; Leader: Tom Hart (OGS)  
This area is underlain by Neoproterozoic metasedimentary and granitoid rocks of the Quetico Subprovince, overlain by Mesoproterozoic Sibley Group sedimentary rocks and mafic to ultramafic intrusive rocks related to the Midcontinent Rift.
- 6) **A Stratigraphic Transect Across the Northern Flank of the Midcontinent Rift near Rosspoint (II)**  
Saturday, May 28; Leaders: Peter Hollings and Phil Fralick (Lakehead University)  
(see description above)

Descriptions of the field trips are available  
[www.lakesuperiorgeology.org/nipigon2005](http://www.lakesuperiorgeology.org/nipigon2005)

## REGISTRATION FORM

**Registration:** Due to the limited restaurant facilities in Nipigon we will be providing lunch on both days of the technical sessions and this is included in the cost of registration.

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-Mail: \_\_\_\_\_

Professional	\$50 <sub>CDN</sub> / \$40 <sub>US</sub> before April 2	\$ _____
	\$65 <sub>CDN</sub> / \$52 <sub>US</sub> after April 2	\$ _____
Student	\$35 <sub>CDN</sub> / \$28 <sub>US</sub>	\$ _____
Annual Awards		\$ _____
Banquet	\$25 <sub>CDN</sub> / \$20 <sub>US</sub>	\$ _____

**Field Trip** prices include guidebook, transportation and lunch. The Field Trip 1 price also includes shared overnight accommodation in Beardmore and all meals during the trip.

1	<b>Geology and gold mineralization of the Beardmore-Geraldton greenstone belt</b> - \$100 <sub>CDN</sub> / \$80 <sub>US</sub>	\$ _____
2	<b>Quaternary Geology of the Beardmore – Nipigon area</b> - \$40 <sub>CDN</sub> / \$36 <sub>US</sub>	\$ _____
3	<b>A Stratigraphic Transect Across the Northern Flank of the MCR (I)</b> - \$55 <sub>CDN</sub> / \$45 <sub>US</sub>	\$ _____
4	<b>Geology and Rare Element-bearing pegmatites of the Quetico Subprovince</b> - \$40 <sub>CDN</sub> / \$36 <sub>US</sub>	\$ _____
5	<b>Geology of the Black Sturgeon Area</b> - \$40 <sub>CDN</sub> / \$36 <sub>US</sub>	\$ _____
6	<b>A Stratigraphic Transect Across the Northern Flank of the MCR (II)</b> - \$55 <sub>CDN</sub> / \$45 <sub>US</sub>	\$ _____

TOTAL  
ENCLOSED

\$ \_\_\_\_\_

Payable in Canadian or US dollars by cheque or money order to:  
ILSG 2005

**Registration questions? Call (807) 343-8329**  
**No refunds for cancellation after April 26, 2005**


*Please detach and mail this form to:*

51st ILSG - Nipigon 2005  
c/o Department of Geology, Lakehead University, 955 Oliver Road  
Thunder Bay, Ontario, P7B 5E1, Canada

51<sup>st</sup> ILSG Organizing Committee  
c/o Dept. of Geology  
Lakehead University  
955 Oliver Road  
Thunder Bay ON P7B 5E1  
Canada

**51<sup>st</sup> Institute on Lake Superior Geology**  
**May 24-28, 2005**  
**Nipigon, Ontario, Canada**

**FIRST CIRCULAR AND  
CALL FOR PAPERS**



[www.lakesuperiorgeology.org/nipigon2005](http://www.lakesuperiorgeology.org/nipigon2005)

*Hosted By:*  
*Peter Hollings and Mark Smyk,*  
*Co-Chairs, 51<sup>st</sup> ILSG*



## SCHEDULED ACTIVITIES AND FIELD TRIPS

### Tuesday, May 24, 2005

8:00 a.m.- 6:00 p.m. Field Trip 1 (Day One)

### Wednesday, May 25, 2005

8:00 a.m.- 6:00 p.m. Field Trip 1 (Day Two)  
Field Trip 2  
Field Trip 3

4:00 p.m. -10:00 p.m. Registration at Nipigon Recreation Centre  
Poster Session / Ice Breaker Social  
(Nipigon Curl-A-Drome)

### Thursday, May 26, 2005

8:00 a.m.- 12:00 p.m. Registration continues  
9:00 a.m.- 12:00 p.m. Technical Session I  
2:00 p.m.- 4:30 p.m. Technical Session II  
6:00 p.m.- 7:30 p.m. Mixer / Cash Bar  
7:30 p.m.- 9:30 p.m. Annual Banquet and Awards Presentation at  
Royal Canadian Legion Hall

*(Banquet Speaker: Dr. Jim Franklin)*

### Friday, May 27, 2005

9:00 a.m.- 12:00 p.m. Technical Session III

2:00 p.m.- 4:30 p.m. Technical Session IV  
6:00 p.m.- Social Gathering (*t.b.a.*)

### Saturday, May 28, 2005

8:00 a.m.- 6:00 p.m. Field Trip 4  
Field Trip 5  
Field Trip 6

*All field trips leave from and return to the Nipigon Recreation Centre. Field Trip 1 will involve an overnight stay in Beardmore on May 24th.*

## TRANSPORTATION

Nipigon is situated on the Trans-Canada Highway, approximately one-hour east of Thunder Bay. Thunder Bay is served by major air carriers (Air Canada, WestJet, Mesaba-Northwest Airlink).

Surface Distance From:

Thunder Bay	110 km (68 miles)
Sault Ste. Marie	580 km (360 miles)
Winnipeg:	790 km (490 miles)
Duluth:	424 km (262 miles)
Marquette:	820 km (509 miles)
Minneapolis:	666 km (413 miles)