

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 the attached Response Form by **February 1, 2005** to receive the Second Circular and Registration Form, which will include event and field trip costs and other information. Send to:

Dr. Peter Hollings  
 Department of Geology  
 Lakehead University  
 955 Oliver Road  
 Thunder Bay, Ontario P7B 5E1Canada

You can also complete a downloadable version from the meeting website, [www.lakesuperiorgeology.org/nipigon2005](http://www.lakesuperiorgeology.org/nipigon2005) (Response Form.doc) and E-Mail it to: [nipigon2005@lakeheadu.ca](mailto:nipigon2005@lakeheadu.ca)

### CALL FOR PAPERS

Abstracts for oral or poster presentations must be submitted by **March 11, 2005**. Electronic submission of abstracts and figures in MS Word format is strongly encouraged and a template will be made available on the Meeting website. Page limits and formatting details will be given in the Second Circular.

Poster spaces are 4' (vertical) by 8' (horizontal) and are velcro-friendly. Please make any special requirements (tables, lighting, electrical) known as soon as possible.

### 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 **March 11, 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.

*Please make your reservations as early as possible to avoid disappointment!*

### 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 which forms the southern margin of the Wabigoon Subprovince east of Lake Nipigon. Several gold occurrences will be visited and described in a structural, alteration and tectonic context
- 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. Deltaic features associated with the Pijitiwabik Canyon spillway, lacustrine rhythmites, aeolian deposits and tills will be described.
- 3) **A Stratigraphic Transect Across the Northern Flank of the Midcontinent Rift near Rosspport (I)**  
 Wednesday, May 25; Leaders: Peter Hollings and Phil Fralick (Lakehead University)  
 The offshore islands in Lake Superior near Rosspport 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.*

### 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)  
 The Quetico displays a gradation from greenschist-facies, clastic metasedimentary rocks to upper amphibolite-facies, migmatites and derived granitoids characteristic of its core zone near its southern margin. Rare element-bearing pegmatites of the Lake Jean Group will also be visited.
- 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 Rosspport (II)**  
 Saturday, May 28; Leaders: Peter Hollings and Phil Fralick (Lakehead University)  
*(see description above)*

### RESPONSE FORM (Please respond by February 1, 2005)

Name:

Address:

E-Mail:

I  definitely will  may  do not plan to attend the 51<sup>st</sup> I.L.S.G.

Please  remove  do not remove  add my name from/to the mailing list.

I would like the Second Circular sent to me via E-Mail:  Yes

I  will  may present a paper.

Author(s):

Title:

I would prefer to present:

an oral presentation  a poster  either

I intend to register for Field Trip(s):

	Definitely	Possibly
(1) Beardmore-Geraldton	<input type="checkbox"/>	<input type="checkbox"/>
(2) Quaternary	<input type="checkbox"/>	<input type="checkbox"/>
(3) Rosspport Transect (I)	<input type="checkbox"/>	<input type="checkbox"/>
(4) Quetico	<input type="checkbox"/>	<input type="checkbox"/>
(5) Black Sturgeon	<input type="checkbox"/>	<input type="checkbox"/>
(6) Rosspport Transect (II)	<input type="checkbox"/>	<input type="checkbox"/>

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 the Geraldton area 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)