

The Rock Record – October 2006

2006 Executive

President

Steve Whittaker 787-2577

Vice-President

Murray Rogers 787-1932

Secretary

Megan Opseth 787-4495

Treasurer

Bob Troyer 787-2562

Business Manager

Jeff Coolican 787-0651

Program Chair

Kate MacLachlan 787-9059

Assistant Program Chair

Jennifer Smith 787-9373

Past President

Mike Gunning Vancouver

School Liaison Committee

Melinda Yurkowski 787-0650

Field Trip Committee

John Lake 787-2621

Golf Tournament Committee

Bob Troyer 787-2562

*Please contribute to the SGS
Newsletter*

The SGS Newsletter is produced by the SGS executive. Letters, announcements, notices, comments, photos, news and information about SGS members, etc. are always welcome. Call an executive member or write to us at:

**Saskatchewan
Geological Society
P.O. Box 234
Regina, SK S4P 2Z6**

SGS e-mail address:
info@sgshome.ca

SGS Website:
www.sgshome.ca

All advertising inquiries should be directed to Jeff Coolican

In This Issue

- Speaker Program Announcements & Abstracts
- Best Management Practices in Exploration Workshop
- Photo Contest, Saskatoon's Stone booklet and More
- SGS Membership Form

SGS PHOTO CONTEST EXTENDED!!!!

Wednesday, October 4th

Similarities between Archean and Proterozoic PGE-bearing mafic intrusive complexes of NW Ontario and Peter Lake Domain Saskatchewan

Presented by:

Ralf Maxeiner

Saskatchewan Industry and Resources

Lancaster Room, Royal Canadian Legion

Cash Bar: 11:30; Lunch: 11:50

Meeting: 12:15 – 13:00

Members \$7.00, Non-members \$11.00

Contact: Cameron Bartsch 787-2506

By NOON, Tuesday, October 4th, 2006

October 16th through 19th

Saskatchewan Geological Society presents: The Saskatchewan and Northern Plains Oil & Gas Symposium

Delta Regina Trade and Convention Centre

- Technical Talks
- Core Workshop
- Ichnology Workshop
- Potash Mine Tour
- Social Events

Visit: www.sgshome.ca for more information

Luncheon Talk Wednesday, October 4th

Similarities between Archean and Proterozoic PGE-bearing mafic intrusive complexes of NW Ontario and those found in layered gabbroic intrusions of the Peter Lake Domain in northern Saskatchewan

R.O. Maxeiner, Saskatchewan Geological Survey, Saskatchewan Industry and Resources, 2101 Scarth St., 4th floor, Regina, SK, S4P3V7, (rmaxeiner@ir.gov.sk.ca), **N. Rayner** and **L. Hulbert**, Geological Survey of Canada, 601 Booth St., Ottawa, ON, K1A0E8

The Peter Lake Domain, a southeastern component of the Hearne Province in northern Saskatchewan, includes several granitic and gabbroic complexes that range in age from 2.70 to 1.83 Ga. Several platinum-group element (PGE) occurrences are hosted by the oldest and most extensive suite of gabbroic rocks, the 2.56 Ga Swan River Complex, which was intruded into granites and granitoid gneisses of the Hearne Craton. But at least one of the PGE-occurrences (Antoine showing) is in gabbros of the much younger 1.92 Ga Porter Bay Complex. Supracrustal rocks make up only a very small percentage of the Peter Lake Domain. The domain has been variably affected by several thermotectonic events during the Neoproterozoic and Paleoproterozoic.

In 2005, three PGE-bearing mafic intrusive complexes were visited in NW Ontario and many similarities to the Saskatchewan intrusions were noted in regards to lithology, texture and style of mineralization. Among the Ontario examples was North American Palladium's Lac des Iles mine, currently the only primary Pd-producer in North America. The Coldwell Complex near Marathon and the Entwine Lake Intrusion, 400 km west of Thunder Bay, were the two other areas visited.

This informal presentation will discuss the regional context, geology and mineralization of the Ontario intrusive complexes and compare them with our 'home-grown' examples. There will also be a bit of "Pt-Pd 101", time permitting.

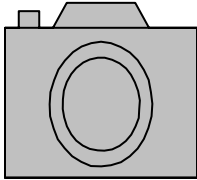
+

The booklet "Saskatoon's Stone" is now available and looks great. This is a product of the Saskatoon's Stone Project. More information on the booklet can be obtained from the editor, Christine Kulyk at clkulyk@sasktel.net.

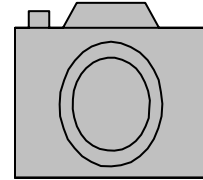
OTHER EVENTS:

The Saskatchewan Mineral Exploration Government Advisory Committee (SMEGAC) is hosting a workshop this fall to introduce the Best Management Practices in Exploration to the geoscience community.

The venue for the workshop is the Ramada Hotel and Golf Dome, 806 Idylwyld Drive North, Saskatoon, on October 26th. The workshop will also include lunch and two coffee breaks for about \$30. Contact the APGES office to register at (306) 525-9547 or 1-800-500-9547.



SGS Photo Contest and Calendar



The photo contest is still on and we have extended entries until October 15th.

- We are hoping to produce a calendar with **your** photo as the shot of the month!
- The photos should be of Saskatchewan and feature landscape of geological subject matter. A brief caption would be appreciated.
- For Submission Requirements contact:

Kate MacLachlan 787-9059 or kmaclachlan@ir.gov.sk.ca

Jennifer Smith 787-9373 jsmith@ir.gov.sk.ca

Or email photocontest@sgshome.ca

Annual SGS Field Trip:

The SGS Field Trip took place August 25th through August 29th and visited geological hotspots throughout Wyoming including Thermopolis Hot Springs, Casper Mountain, and the Wind River Canyon. Once again it was a memorable event, and many thanks go to John Lake for his logistical and marathon driving abilities, and to Don Kent for providing geological insights (although not much can be said for his choice of beer!). The SGS Luncheon presentation on the field trip is tentatively scheduled for December 13th at the Legion. Although there are some incriminating photographs of this trip floating around, the editor has chosen not to publish them in the name of good taste. Well...OK, maybe one.



Hey Brian could you help me with this? Sure, let me give you a push!

The planning for next year's trip has already begun and the current location of choice is the Stillwater Complex and environs in Montana. But the ultimate location is still up for discussion, so if you are interested in participating, make your case for a destination to John Lake, SGS Field Trip coordinator.

Fall Talk Schedule:

The SGS will try to coordinate guest speakers with the University of Regina more effectively this year. This may mean that some of our talks will be held at the University late afternoon rather than over the lunch hour. We are always on the lookout for interesting talks, if you have one or know of someone who has one, please contact our Technical Program Chairs and let them know!

Student Career Night:

During the past several years the SGS has been hosting an evening for students to meet with active geologists working in the mining and petroleum industries. Student response has been great – but maybe that’s just the beer and pizza. We are planning to host this event again this year tentatively sometime late October.

