



The Rock Record – November, 2019

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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:

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News & Events

2020 Geological Calendars now for Sale (c/o the Calendar Committee)

2020 Saskatchewan Geoscience Calendar

ONLY \$10!!!!

June

Rolling Stones

Ever wondered who 'Scotty' was named after?

Curious where our largest waterfall is located???

Need a place to keep track of soccer practices???

Want to support your Geological Society???

THEN YOU NEED A COPY OF THE 2020 SASKATCHEWAN GEOSCIENCE CALENDAR!!!!

PURCHASE YOURS FROM:

Old Time Brewery

Or go online to find out where: www.sgshome.ca/outreach/geology-calendar

SMA Saskatchewan Mining Association

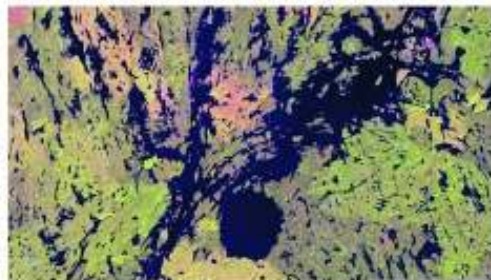
SGS

Meteorites

Deep Bay

Deep Bay

Deep Bay near the southern end of Reindeer Lake, is a strikingly circular impact structure formed nearly 100 million years ago. The resulting crater has a maximum diameter of 13 km, and an outer rim defined by a ridge up to 100 m above the lake. Like most meteorite impact craters, it also has a low, totally submerged, central uplift.



Digital Geoscience Highway Map (DGHM) of Saskatchewan

In 2002 the Society and its partners released the first geological highway map of Saskatchewan. Originally, 20 000 maps were printed, with another 5000 added in a second printing. This makes the highway map one of the Society's most distributed publications: some 100–200 maps are sold each year!

It is now time to release a second edition of this successful product and to that end, a committee has been formed to make that a reality. With the generous support of APEGS (to the tune of \$10,000), this new product will get a facelift and be *digital*! By transforming the map into an interactive digital format, it will be more accessible and can be used by teachers, tourists and anyone else interested in learning Saskatchewan's geoscience diversity.

We will be using ESRI's StoryMap online tool <https://storymaps-classic.arcgis.com/en/gallery/#s=0> to create a website centered around an interactive map. Points on a map will be linked to "story boards" that provide photos and information about the geology at those points. A future, second stage of the project might include ESRI's mobile app (ArcGIS Explorer).

Current partners in the project are the Saskatchewan Geological Society, the Saskatchewan Geological Survey (Survey), the Saskatchewan Mining Association (SMA) and the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS). Other partners may be engaged as the project evolves. The DGHM committee is being co-chaired by Ralf Maxeiner (Survey) and Kate MacLachlan (APEGS). Other committee members, in alphabetical: Kevin Ansdell (University of Saskatchewan), Emily Bamforth (Royal Saskatchewan Museum), Janis Dale (University of Regina), Michelle Hanson (Survey), Kim Kreis (independent consultant), Thomas Love (Survey), Sam Narimani (graduate student), Pam Schwann (SMA), and Bill Slimmon (retired from Survey).

The timeline for this project is tight, as we want to have the basic framework built and populated with content from the original geological highway map by the end of 2019. The ESRI story map tool allows easy modifications and updates as long as the license is maintained. The plan is that the Society will continue to license the product from ESRI for five years, gradually adding content over time. After the initial five years, the project will be re-evaluated. If the decision is made to continue it, additional funding will be sought at that time.

----- courtesy of Ralf Maxeiner

Next Society Technical Lecture.....tomorrow, 11:45 am, November 20/19 at Bushwakker on Dewdney

The Main Karoo Basin, South Africa: Tectonic Setting, Stratigraphic Framework, and Uranium Endowment

By David Thomas



Saskatoon Public Lecture, December 2 / Saskatchewan Geological Survey Open House December 2-4 in Saskatoon


The public lecture is organized by the Sask. Geol. Society's Outreach Committee with financial support from APEGS, Saskatchewan Mining Association, and Government of Saskatchewan. Intended for younger student audiences as well as professionals, it is held in conjunction with the Saskatchewan Geological Survey's Saskatoon Open House running from December 2 to 4. For more information and registration to the Open House, see <https://openhouse.sgshome.ca> Admission to the Public Lecture is free and all attendees of the Open House are welcome.

Public Lecture

The unlikely story of "The Sleeping Dragon" the world's best-preserved armoured dinosaur

Curious
about dinosaurs?

An armoured
dinosaur!



Nodosaur


Discovered in 2011
in Alberta!

One of the world's best
preserved dinosaurs!

Skin and soft
tissue preserved!

Dr. Caleb Brown


Royal Tyrrell Museum, Drumheller



Dr. Caleb Brown was born in northern British Columbia and grew up in Red Deer. From early childhood he was fascinated by fossils and dinosaurs, which ultimately secured him a position as Curator of Dinosaur Systematic and Evolution at the Royal Tyrrell Museum in Drumheller.

Monday, December 2nd - 7:00 PM - Free Admission
Battlefords Room, Delta Bessborough Hotel

Public Lecture Sponsors



openhouse.sgshome.ca/events/public-lecture



Annual Golf Tournament Review (this is in the “better late than never” category)

This year’s annual golf tournament took place on September 6 on a beautiful, almost perfect fall day, at the Green Acres Golf Club. Thirty-six golfers, including students and faculty members at the Geology Department, to geologists from the Geological Survey and from the private sector, lined up at the start willing, ready and able to (im)prove their golf skills. The competition was fierce. At least for some groups. The first place was claimed by an all-student team: Jack Easton, Nicole Kerbs, Evan Noll, and Jimmy Smith, with Jimmy Smith also claiming the longest drive prize in the Men Category.. The team that had most to improve was a mixed team student-faculty from the Geology Department: Monica Cliveti, Daniel Ferguson, Maria Velez and Jeremy Zver. Their score was so far removed from the rest of the teams that it might take them some geological periods to catch up. The longest drive in the Female Category was awarded to Kathryn Bethune.

The day ended up with a BBQ at Kim & Deb Kreis's residence. The BBQ was well attended with fifty-one people participating. There was a little bit of everything for everyone: lawn games, prizes for the golfers and a bonfire to end the night.

In the name of SGS, I would like to take this opportunity to thank everyone that came out for golf or the BBQ. Without you it will not be possible to have a golf tournament!

----- courtesy of tournament organizers Ms. Monica Cliveti & Ms. Sam Van De Kerckhove.

OUR 2019 CORPORATE MEMBERS:

