

# Saskatchewan Geological Survey – Contacts and Services

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The Saskatchewan Geological Survey is responsible for investigating, compiling and maintaining information on the geology, and mineral and energy resources of the province.

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## Minerals Geoscience

**Jason Berenyi, M.Sc., P.Geo., Director** Phone: (306) 787-2579

11<sup>th</sup> Floor  
1945 Hamilton Street  
Regina, Saskatchewan

## Mapping and Deposit Studies

Much of the Shield is covered by bedrock maps at a scale of at least 1:100 000 and by compilation bedrock and metallogenic maps at 1:250 000 scale. Current field projects include thematic regional mapping, commonly at a scale of 1:20 000, Quaternary geology studies, ore systems studies and site-specific studies of mineral deposits.

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## Geophysics

Conducts geophysical research and provides client support on geophysical data and products.

Mahdi Boussaidi, Ph.D., P. Geo., Geophysicist Phone: (306) 787-9181

### **La Ronge Precambrian Geological Laboratory**

At the La Ronge office geological maps and reports are available for viewing. Off-confidential assessment work files for northern Saskatchewan, a geological library, and other information are available. Mineralized drillhole core and rock samples are available for viewing and testing.

**Natalie Thompson, Facilities Manager**

**Phone : (306) 425-4498**

Saskatchewan Ministry of the Economy  
1310 La Ronge Avenue  
P.O. Box 5000  
La Ronge, SK  
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### **Sedimentary Geoscience (Subsurface Laboratory)**

**Dan Kohlruess, M.Sc., P.Geo., Director**

**Phone: (306) 787-0650**

Subsurface Geological Laboratory  
201 Dewdney Avenue East  
Regina, Saskatchewan

Reports and maps describe the subsurface geological formations and stratigraphy of the southern part of the province, emphasizing those factors and environments that determine the occurrence of petroleum and natural gas. Current main projects include detailed mapping of Mannville Group Heavy Oil pools and surrounding areas, Success Formation karst deposits in Kindersley area, mapping of Mississippian and 3 Forks (Torquay Formation) strata in southern Saskatchewan, and helium and lithium studies in southern Saskatchewan. Consultation is provided by staff geologists.

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## **Facilities and Equipment - Sedimentary Geoscience Lab**

Arden Marsh, M.Sc., P.Geo., Senior Sedimentary Geoscientist  
and Asset Manager

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Lorin LeBlanc, Geological Warehouse Worker

Darian Leary, Geological Warehouse Worker

## **Core and Sample Repositories**

A comprehensive repository is maintained of drill core and drill cuttings recovered primarily from oil, gas, and potash exploration by industry in the southern part of the province. This material, plus rock and mineral samples from mapping of the Precambrian Shield and some northern drill core, is housed in the Subsurface Geological Laboratory where examination facilities (including a confidential room) are available.

## **Well and Core Inquiries**

Authorization for sampling core for destructive and nondestructive testing and for shipping of cores for sampling or otherwise, and details of the terms governing such authorizations, must be obtained from the Assistant Chief Geologist of Petroleum Geology. For information, contact:

**Dan Kohlruess, M.Sc., P.Geo., Director**

**Phone: (306) 787-0650**

## **Geoscience Information and Modelling**

***Vacant***- Director

### **Mineral Assessment Work Evaluation**

Evaluate the technical merit and regulatory compliance of mineral exploration projects submitted for assessment work under *The Mineral Tenure Registry Regulations, 2012*.

### **Saskatchewan Mineral Assessment Database (SMAD)**

Off-confidential reports on the work undertaken in the exploration for minerals in the province submitted to the department under *The Mineral Tenure Registry Regulations, 2012*. Information available includes drill hole records and logs; maps and reports of geological, geophysical and geochemical surveys; and assays, analyses and test results.

### **Saskatchewan Mineral Deposits Index (SMDI)**

This index contains off-confidential descriptions of economic mineral occurrences in Saskatchewan.

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### **Geographic Information Systems (GIS) and Database Development**

Several digital geoscience databases have been developed and maintained, most of which are available through the Saskatchewan Mining and Petroleum GeoAtlas online application. A growing number of data files are being compiled in GIS compatible format. Digital technology is also utilized for data collection and map production.

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### **3D modelling**

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### **Community Outreach**

Brittany Laing, Ph.D., P. Geo, Outreach and Community Liaison Geologist

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### **Publications**

Publications and maps are available free of charge as PDF and data file downloads from the Government of Saskatchewan Publications Centre. <https://publications.saskatchewan.ca/#/categories/1197>

Michelle Hanson, Ph.D., P. Geo., Production Editor  
and Quaternary Research Geologist

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