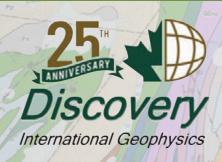
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2022
Saskatchewan
Geological Open House





November 28 to 30, 2022 Delta Bessborough Hotel Saskatoon

Background Map:

Geology of the Irving, Knight and Dirks Lakes Area

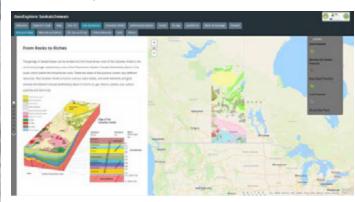
Van De Kerckhove et al. (2019)

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The GeoExplore Saskatchewan website enables teachers, tourists and anyone to explore the intriguing geoscientific features of Saskatchewan. The website leverages Esri's ArcGIS StoryMaps to create a website centered around an interactive map. Generous funding was provided by the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS). Creative input was provided by the Saskatchewan Geological Survey, the Saskatchewan Mining Association, the University of Regina, the University of Saskatoon, and the Royal Saskatchewan Museum.



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# Saskatchewan Geological Society Geoscience Calendar

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## 2022

## SASKATCHEWAN

## GEOLOGICAL OPEN HOUSE SCHEDULE OF EVENTS AND TALKS

On-site registration is available from 3:00 pm, Monday, November 28 to 1:30 pm, Wednesday, November 30 Convention Floor

#### **COMMERCIAL EXHIBITS (Convention Floor and Mezzanine Level)**

Monday 6:00 pm to 10:00 pm
Tuesday 9:00 am to 5:30 pm
Wednesday 9:00 am to 1:30 pm
POSTER DISPLAYS (Mezzanine Level)

Same time as Commercial Exhibits

Authors will be present:

Monday 6:00 pm to 8:00 pm
Tuesday 4:00 pm to 6:45 pm

#### **OPEN MEETINGS**

Mineral Tenure Outlook Meeting in Kelsey/Saskatchewan Room

Monday 2:00 pm to 5:00 pm

MARS Workshop in Meewasin Room
Tuesday 9:00 am to 5:00 pm
Wednesday 9:00 am to Noon

Data Management Geoscience Initiative Project: Information Session in

Battleford Room

Tuesday 4:15 pm to 5:00 pm

**Canadian Geoscience Education Network Meeting** in

Kelsey/Saskatchewan Room Wednesday Noon to 2:00 pm

#### Monday, November 28 – 6:00 to 10:00 pm



#### IceBreaker

Poster and Commercial Exhibit areas open Convention Floor and Mezzanine Level

Tuesday, November 29 – Battleford Room
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#### **Technical Session I**

Uranium: A Critical Mineral in Saskatchewan since 1953

Time	Speaker(s)	Title
8:30 – 8:45 am	Welcoming Remarks	
8:45 – 8:50 am	Co-chairs: Dillon Johnstone and Svieda Ma	Introduction
8:50 – 9:10 am	Ryan Morelli	Saskatchewan's Mineral Sector and the Role of Public Geoscience in Advancing Critical Mineral Exploration

9:10 – 9:30 am	Gary Haywood	Development Update on Fission Uranium Corp's PLS Project
9:30 – 9:50 am	Kanan Sarioglu*, Steve Blower	An Overview of 92 Energy's GMZ Uranium Discovery
9:50 – 10:10 am	Dillon Johnstone*, Léo S. Champagne, Tyrin M. Foley	Bedrock Geology of the Hidden Bay Area, Wollaston Domain, Hearne Province, Saskatchewan

10:10 – 10:40 am	Refreshment Break Sponsored by: Axiom Exploration Group,
	Dorado Drilling, and IRL Supplies (2011) Ltd.

10:40 – 11:00 am	Grant Greenwood	Rook I – An Ideal Geological Setting for Advancing a Generational Project
11:00 – 11:20 am	Charles Normand	Critical Metals in Saskatchewan: Sc, W, V and Mo in URU Deposits
11:20 – 11:40 am	Cameron MacKay and five others	Observations From the ACKIO Uranium Discovery
11:40 am – Noon	Justin Rodko*, Andrew Carmichael, David Thomas	IsoEnergy's Hurricane Deposit, Eastern Athabasca Basin, Saskatchewan: From Discovery to Initial Resource

Noon – 1:25 pm	Lunch Break Poster and Commercial Exhibit areas open Convention Floor and Mezzanine Level
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## ERYSON DRILLING ARCHERWILL, SK (306) 322-2202

#### **Technical Session II**

Critical Minerals: Innovative Geoscience and Emerging Exploration Opportunities

Time	Speaker(s)	
1:25 – 1:30 pm	Co-chairs: Sean Bosman and Meagan Gilbert	Introduction
1:30 – 1:50 pm	Dan Kohlruss	What's the Buzz in SGS Data Management?
1:50 – 2:10 pm	Sean Bosman*, Colin Card, Ralf Maxeiner	Three-dimensional Modelling of Archean Cratons in Saskatchewan: A Tool for Understanding the Relationship Between Deep-seated Structures and Natural Resource Accumulations in Sedimentary Basins
2:10 – 2:30 pm	B.J. Rostron and four others	Lithium in Saline Brines from the Duperow Aquifer in Southeast Saskatchewan
2:30 – 2:50 pm	Melinda Yurkowski	From Source to Trap: Helium in Southern Saskatchewan, Canada

2:50 – 3:10 pm	Brendan A. Bishop and four others	New Sources of Rare Earth Elements in Saskatchewan
3:10 – 3:30 pm	Kahlen Branning and three others	The WRCB, Magnet Ridge, and Nearby REE-Th-U Showings at Alces Lake, Saskatchewan: 2022 Update of Geology, Mineralization, and Exploration Activities
3:30 – 3:50 pm	Colin Card and nine others	Saskatchewan's Emerging Helium and Geothermal Exploration Plays in the Western Canada Sedimentary Basin: New Core, Exotic Sedimentary Rocks and Potential Similarities to the Athabasca Basin

4:15 – 5:00 pm	Energy and Resources Geoscience Data Management Project: Information Session Battleford Room
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4:00 -	Poster Display (Authors Present)
6:45 pm	William Pascoe Room, Mezzanine Level

#### Wednesday, November 30 – Battleford Room



<b>IUP</b>	Regional Geoscience and Base Metals: Past,	
	Procent and Euture	

Time	Speaker(s)	Title
8:25 – 8:30 am	Co-chairs: Michelle Hanson and Kate MacLachlan	Introduction
8:30 – 8:50 am	Misty Urbatsch, Kevin Ansdell* and two others	The Essential Role of Professional Geoscientists in Professional Regulation
8:50 – 9:10 am	Ralf Maxeiner and nine others	2021 Edition of the 1:1 000 000- scale Geological Map of Saskatchewan and the Development of a Lithodemic Code for Canada
9:10 – 9:30 am	Ernst Schetselaar and five others	Interpretation of the Denare Beach Seismic Profile, Saskatchewan: New Insights into the 3D Structural Architecture of the Flin Flon— Glennie Complex
9:30 – 9:50 am	Neil Richardson	777 Deposit – From Discovery to Closure

	9:50 – 10:20 am	Refreshment Break
		Sponsored by: Accurate Industries Inc., IMDEX, and
		Matrix Camps, Logistics, and Aviation Management

10:20 – 10:40 am	John Shmyr and three others	Murchison Mineral's Brabant Project: Developing a New VMS District in the Kisseynew
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10:40 – 11:00 am	Mutombo Kanda, Martin St-Pierre, Dennis Woods*	The Results of a HeliSAM Survey Over the Murchison Minerals Ltd Brabant Lake VMS Deposit, Saskatchewan
11:00 – 11:20 am	Michelle A. Hanson*, Kiera J. Hamel	Preliminary Assessment of the Applicability of Drift Prospecting Around Henry Lake, Saskatchewan
11:20 – 11:40 am	Magdel Combrinck, Vessela Hobson, Chris Brown*	The Next Generation of Heli-TDEM and the Co-collection of TDEM, LiDAR, Magnetics and Radiometrics
11:40 am – Noon	Johan D. Krebs*, Terry Croteau, Marcus Tomkinson	Applications of TruScan ED-XRF Data for Detailed Chemostratigraphy and Alteration Mapping at the McIlvenna Bay VHMS Deposit, Hanson Lake, Saskatchewan

Noon	Lunch Break
Noon – 1:25 pm	Poster and Commercial Exhibit areas open
1.23 pm	Convention Floor and Mezzanine Level

Technical Session IV  Precious Metals: Opportunity for Growth					
Time	Speaker(s)	Title			
1:25 – 1:30 pm	Co-chairs: Samantha Van De Kerckhove and Arin Kitchen	Introduction			
1:30 – 1:50 pm	Samantha R. Van De Kerckhove and three others	Geological Field Investigations in the Pitching and Drinking Lakes Area, West-central Glennie Domain, Reindeer Zone			
1:50 – 2:10 pm	Darren Slugoski*, Jim Engdahl	MAS Gold's 2022 Exploration Update			
2:10 – 2:30 pm	Svieda Ma	Making Use of Public Geoscience Data: Applying a Regional Structural Framework to the Greywacke Gold Deposit in Northeastern Saskatchewan			
2:30 – 2:50 pm	Dale Verran, Gareth Garlick*, Eric Bort	A Geologically Led Approach to Project Advancement: Goldfields Project, Northern Saskatchewan			
2:50 – 3:10 pm	Meagan Gilbert*, Leah Roberts	Preliminary Lithofacies Characterization and Placer Gold Potential of the Mannville Group (Cretaceous), North-central Saskatchewan			
3:10 – 3:30 pm	Brandon Chase and six others	Results from a Long-period Magnetotelluric (MT) Survey of the Fort à la Corne and Trans-Hudson Orogen, Saskatchewan			
3:30 – 3:50 pm	Kristin Ens*, Anders Carlson, Paul Kremer	Targeting New Gold Discoveries in the Glennie Domain			

<sup>\*</sup> Denotes speaker for multi-authored talks

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