



OGS

Virtual Showcase **2024**

Presented by the Ontario Geological Survey (OGS)

Technical Program

November 2024

26
Tue

27
Wed

28
Thu

1:00 p.m. to 5:00 p.m. EST

For more information, contact us by email at
OGS@ontario.ca



GeologyOntario

Ontario





Day 1

26

Tue

Session 1: Insights into Northwestern Ontario's Geology

Start	End	Speakers	Title
1:00	1:10	Welcome, Land Acknowledgment and Opening Remarks with The Honourable Minister Pirie, Ministry of Mines	
1:10	1:30	Dorothy Campbell - RGP	Exploration, Mining and Resident Geologist Program Activity Update for the Thunder Bay South District
1:30	1:50	Riku Metsaranta - ERGMS and Colleen Kurcinka - RGP	Bedrock Geology of the Animikie Basin and Midcontinent Rift Southwest of Thunder Bay: A Project Update
1:50	2:10	Justin Jonsson - RGP	Characterizing the Geochemistry and Ni-Cu-PGE Potential of Mafic and Ultramafic Intrusions in Northwestern Ontario: An Update
2:10	2:20		Break
2:20	2:40	Sophie Churchley - RGP	Exploration, Mining and Resident Geologist Program Activity Update for the Thunder Bay North District
2:40	3:05	Cunhai (George) Gao - ERGMS	Deglaciation of Northwestern Ontario: Results From Recent Surficial Geology Mapping
3:05	3:25	Grant Hagedorn - ERGMS	Till Sampling and Surficial Mapping South of the Georgia Lake Area, Northwestern Ontario
3:25	3:35		Break
3:35	3:55	Ethan Amyotte - RGP	Exploration, Mining and Resident Geologist Program Activity Update for the Red Lake and Kenora Districts
3:55	4:15	Peter MacDonald - ERGMS	New Geochronology From the Red Lake Gold Camp
4:15	4:35	Paul Malegus - RGP	Mineralogical Characteristics of the PAK, Spark and Pennock Pegmatites at Frontier Lithium's PAK Lithium Project
4:35	4:55	Rebecca Price - RGP	Update on the OGS Fertile Granites Project
4:55	5:00		Closing Remarks

ERGMS = Earth Resources and Geoscience Mapping Section, OGS

RGP = Resident Geologist Program, OGS

**Day 2****27**
Wed**Session 2: Insights into Northeastern Ontario's Geology**

Start	End	Speakers	Title
1:00	1:10	Welcome, Land Acknowledgment and Opening Remarks with Shawn Batise, Deputy Minister, Ministry of Mines, and Afsana Qureshi, Assistant Deputy Minister, MMD	
1:10	1:30	Vittoria D'Angelo - RGP	Exploration, Mining and Resident Geologist Program Activity Update for the Timmins and Sault Ste. Marie Districts
1:30	1:50	Thomas Gemmell - ERGMS	An Update to the Southern Swayze Area Bedrock Mapping Project (Western Abitibi Greenstone Belt)
1:50	2:10	Lianna Vice - ERGMS	Preliminary Structural Mapping of Deformation Zones in the Northeastern Michipicoten Greenstone Belt
2:10	2:20	Break	
2:20	2:40	James Suma-Momoh - RGP	Exploration, Mining and Resident Geologist Program Activity Update for the Kirkland Lake and Sudbury Districts
2:40	3:00	Nathan Carter - ERGMS	Precambrian Geology and Mineral Potential of Totten Township, Sudbury District
3:00	3:20	Evan Hastie - ERGMS	An Update on Critical Minerals in Gold Deposits and New Compilation Mapping in Timmins and Kirkland Lake
3:20	3:30	Break	
3:30	3:50	Joseph Walker - ERGMS	Reconnaissance Mapping in Van Hise, Haultain and Nicol Townships, Abitibi Greenstone Belt, Northeastern Ontario: An Update
3:50	4:10	Andrea Marich - ERGMS	Drumlins, DeGeers, Deltas and Dunes: Landforms and the Regional Deglaciation of the Lake Nipissing Basin, Northeastern Ontario
4:10	4:15	Closing Remarks	
7:00	8:00	Student Information Session: OGS Employment Opportunities Presented by the OGS Student Outreach Group	

ERGMS = Earth Resources and Geoscience Mapping Section, OGS

MMD = Mines and Minerals Division

RGP = Resident Geologist Program, OGS



Day 3

28
Thu

Session 3: Insights into Southern Ontario's Geology

Start	End	Speakers	Title
1:00	1:10		Welcome, Land Acknowledgment and Opening Remarks with John Hechler, Director, OGS
1:10	1:30	Laura Mancini - RGP	Exploration, Mining, and Resident Geologist Program Activity Updates for Southern Ontario
1:30	1:55	Frank Brunton - ERGMS	Overview of Paleozoic Bedrock and Karst Mapping Initiatives and the New OGS Lithostratigraphic Chart for Southern Ontario
1:55	2:00	Abigail Burt - ERGMS	From the Top Down - Updates From the Guelph 3D Sediment Mapping Project
2:00	2:05		Break
2:05	2:25	Catherine Daniels, Pierre Bousquet, Peter LeBaron and Colleen Kurcinka - RGP	Natural Geological Hazards and Land Use Planning
2:25	2:50	Frank Brunton - ERGMS	The Niagara Geopark – Celebrating the Confluence of Geology and Culture
2:50	3:00		Break

Day 3 sessions continued on next page

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**Day 3****28**
Thu**Session 4: Resources to Explore Ontario**

Start	End	Speakers	Title
3:00	3:25	Justin Jonsson - RGP and Kei Yeung - ERGMS	Using Publicly Available Data Sets in GIS Software and GeologyOntario: Tips and Tricks
3:25	3:35	Greg Paju - RGP	RGP Drill Core Libraries: A Deep Look Under Your Feet
3:35	3:40	Grant Hagedorn - ERGMS	Till Sample Locations Across Ontario: A New Provincial Database
3:40	3:45	Riley Mulligan - ERGMS	A Geoscience Lens on the Provincial Groundwater Monitoring Network
3:45	3:55		Break
3:55	4:15	Thomas Gore - Geo Labs	Mineral Wealth of Hastings and Renfrew Counties: Past, Present and Future
4:15	4:20	Abigail Burt - ERGMS	Geological Information on New Water Well Records: Internal Test Results
4:20	4:40	Greg Paju - RGP	LiDAR as a Tool to Assist Mineral Exploration
4:40	4:55	Patrick Gervais, Thomas Gemmell, Gaëtan Launay - ERGMS	Drone Usage in Bedrock Mapping
4:55	5:00		Closing Remarks

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Geo Labs = Geoscience Laboratories, OGS

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