



**Simon Dahrouge, B.Sc., G.I.T.**  
Exploration Geologist-in-Training

## **EDUCATION**

- University of Alberta, Edmonton, Alberta / 2019
  - Bachelor of Science with Specialization in Geology

## **EXPERIENCE SUMMARY**

Since he started with Dahrouge in 2016, Simon has worked on various grassroots exploration programs in Canada and the United States. His experience initially focused on limestone but has since expanded to cobalt, frac sand, graphite, lithium and gold. Through these various programs, Simon has gained experience in planning, exploration methods including rock/soil sampling and ground and drone geophysical surveys over a wide range of commodities. Simon also has experience assisting with writing technical reports, processing of field data, project generation (data compilation and map creation) and 3D geological modeling of historical and modern data.

## **DEPOSIT TYPES**

- Epithermal Au-Ag-Cu
- Greenstone Au
- Diamonds
- Li Pegmatites
- High-Ca Limestone
- Frac Sand
- Graphite

## **LANGUAGES**

- English (fluent)

## **SOFTWARE & INSTRUMENTATION**

- ArcGIS & QGIS
- Leapfrog Geo
- Surfer (Golden Software)
- Microsoft Office
- Adobe Creative Suite
- Expert GPS
- UgCS Drone flight planning software
- Python (beginner)
- GSM 19 Overhauser
- Reflex APS
- Reflex/SPT Gyro

## **CERTIFICATES**

- Firearms Possession and Acquisition License (RPAL)
- Level 2 - XRF Analyzer Operator Certification
- Standard First Aid – Level C CPR/AED
- Canada Safety Council ATV Rider Course
- Bear Safety Course
- MSHA Part 48 New Mining Training
- Small Basic Exam Small Remotely Piloted Aircraft System (RPAS), Visual line-of-site (VLOS)

## **PROFESSIONAL ASSOCIATIONS**

- APEGA



## PROFESSIONAL EXPERIENCE:

<b>PROJECT</b>	<b>DETAILS</b>
<b>Gold (Greenstone) Exploration</b> <i>Timmins, Ontario, Canada</i> Exploration Geologist 2021	<ul style="list-style-type: none"> <li>• Geological and geotechnical core logging, core sampling, specific gravity measurements and core photography</li> <li>• Drill rig alignment, collar location surveys and downhole deviation surveys               <ul style="list-style-type: none"> <li>○ Reflex APS and Reflex Gyro</li> </ul> </li> <li>• Sample QA/QC and shipment</li> <li>• Data compilation, map generation and 3D geological modelling of historical and modern data with Leapfrog Geo</li> <li>• Drone magnetics survey planning and execution</li> </ul>
<b>Gold (Epithermal) Exploration</b> <i>Idaho, USA</i> Exploration Geologist 2019-2021	<ul style="list-style-type: none"> <li>• Project management of surface work including geological mapping, rock sampling, soil sampling, and ground magnetic surveys</li> <li>• Geological and geotechnical core logging, core sampling, specific gravity measurements and core photography</li> <li>• Drill rig alignment, collar location surveys and downhole deviation surveys (Stockholm Precision Tools Gyro)</li> <li>• Sample QA/QC and shipment</li> <li>• Data compilation and map generation</li> </ul>
<b>Gold (Epithermal) Exploration</b> <i>Colorado, USA</i> Junior Geologist 2019	<ul style="list-style-type: none"> <li>• Ground magnetic survey</li> <li>• Rock and soil sampling</li> </ul>
<b>Diamond (Kimberlite) Exploration</b> <i>Northwest Territories, Canada</i> Junior Geologist 2019	<ul style="list-style-type: none"> <li>• Geological mapping, till sampling and prospecting</li> <li>• Ground magnetic survey</li> </ul>
<b>Frac Sand Exploration</b> <i>Alberta, Canada</i> Junior Geologist 2019	<ul style="list-style-type: none"> <li>• Project preparation and planning</li> <li>• Rock/sediment sampling and prospecting</li> </ul>
<b>Lithium and Gold Exploration</b> <i>Eastern Canada</i> Student/Junior Geologist 2017-2019	<ul style="list-style-type: none"> <li>• Geological mapping, rock/soil sampling and prospecting</li> <li>• Ground magnetic survey</li> <li>• LiDAR survey ground control point setup</li> <li>• First Nations Engagement</li> </ul>
<b>High-Calcium Limestone Exploration</b> <i>British Columbia, Yukon and Alberta, Canada</i> Student/Junior Geologist 2016-2019	<ul style="list-style-type: none"> <li>• Prospecting, geological mapping, rock sampling</li> <li>• Ground magnetic survey</li> <li>• Map creation and data compilation</li> </ul>



# STAFF PROFILE

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**Frac Sand (Quartzite) Exploration**

*British Columbia, Canada*

Student Geologist

2017-2018

- Project preparation and planning
- Geological mapping, rock sampling and prospecting
- Map creation and data compilation

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**Graphite Exploration**

*Eastern Canada*

Student Geologist

2017

- Prospecting, geological mapping, soil sampling

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**Cobalt Exploration**

*Ontario, Canada*

Student Geologist

2017

- Prospecting, geological mapping, soil sampling

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## **PROFESSIONAL DEVELOPMENT:**

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<b>DESCRIPTION</b>	<b>TYPE</b>	<b>YEAR</b>
• Geochemical Modeling for Ore Body Knowledge and Exploration Targeting	PDAC Short Course	2021
• AME Roundup Spectral Geology: Fundamentals, Recent Advances and Case Histories	Roundup Short Course	2021
• AME Roundup Concepts and Application of Machine Learning to Mining Geoscience	Roundup Short Course	2020
• University Alberta Student Chapter Southwestern USA Trip (mine tours of porphy, epithermal, skarn and carbonatite systems).	SEG Mine Tour	2019