



## **Andrew Shumilak, B.Sc., G.I.T.** Project Geoscientist-in-Training

### **EDUCATION**

- University of Alberta, Edmonton, Alberta (2016)
  - Bachelor of Science with a Specialization in Geology
- N.A.I.T., Edmonton, Alberta (2012)
  - Geological Technology Diploma Specialized in Exploration

### **EXPERIENCE SUMMARY**

After graduating university, Andrew contributed on multiple drill programs as a geotechnical field technician and geologist for several uranium deposits in northern Saskatchewan. He was also involved in prospecting and rock mechanic drilling efforts by conducting packer testing. Throughout 2018 to the present, Andrew conducted and managed field programs involving rock sampling, soil sampling, and geomagnetic surveying throughout Alberta, British Columbia, Saskatchewan, and the Yukon for limestone, gold, tin, molybdenum, and coal resources. In addition to Andrew's post-graduation efforts, it should also be noted that while attending post-secondary he partook in five field schools involving extensive mapping in Alberta, British Columbia, and the Northwest Territories as well as completed a practicum working in an underground VMS mine in northern Manitoba.

### **DEPOSIT TYPES**

- Epithermal Au
- Mesothermal Au
- Orogenic Au
- Coal
- High-Ca Limestone
- Uranium
- VMS
- Sn±Mo Porphyry

### **LANGUAGES**

- English (fluent)
- Spanish (beginner)

### **SOFTWARE**

- ArcGIS
- Fusion (Datamine)
- GeoScout
- Acquire
- Microsoft Office
- Microsoft Access
- Basic Leapfrog
- Basic AutoCAD
- Basic Python

### **CERTIFICATES**

- Standard First Aid & CPR Level C
- Canada Safety Council's ATV Rider Course
- Possession and Acquisition License (PAL)
- XRF Level 1 Certificate
- Transportation of Dangerous Goods - Radioactive Material

### **PROFESSIONAL ASSOCIATIONS**

- APEGA
- GAC
- EGS



## PROFESSIONAL EXPERIENCE:

<b>PROJECT</b>	<b>DETAILS</b>
<b>High-Calcium Limestone Exploration</b> <i>Western Canada</i> Project Geoscientist-in-Training/Manager 2018-Present	<ul style="list-style-type: none"><li>• Plan and manage 20+ exploration projects across western Canada involving geological mapping, ground magnetic surveys, and bulk sampling of high-calcium limestone</li><li>• Helicopter, ATV, 4x4, and/or hiking accessible projects</li><li>• Land management, budgeting, planning, permitting, and supervising</li><li>• Data compilation, interpretation, and QA/QC</li><li>• Generate assessment reports</li></ul>
<b>Sn±Mo Porphyry Exploration</b> <i>British Columbia, Canada</i> Project Geoscientist-in-Training/Manager 2021	<ul style="list-style-type: none"><li>• Complete initial prospecting of a historical Sn±Mo showing</li><li>• Budgeting, planning, and supervising</li><li>• Rock sampling</li><li>• Helicopter supported</li></ul>
<b>Uranium (Unconformity) Exploration</b> <i>Saskatchewan, Canada</i> Project Geoscientist-in-Training 2020-2021	<ul style="list-style-type: none"><li>• Conduct and train geological logging of diamond drill core</li><li>• Drillhole alignment, downhole gamma probing, and core sampling</li><li>• Assist with drill supervision, drill moves, safety efforts</li><li>• Provide daily updates to the technical team</li><li>• Responsible for camp set-up, clean-up, and supplies</li><li>• Helicopter supported (summer), road construction (winter)</li></ul>
<b>Metallurgical Coal Exploration</b> <i>Alberta, Canada</i> Junior Geoscientist-in-Training 2020	<ul style="list-style-type: none"><li>• Conduct and train geotechnical logging of diamond drill core to obtain rock mechanic data and geochemical samples</li><li>• Interpret geophysical logs to identify drill targets and lithologies</li><li>• Assist with drill supervision, drill moves, safety efforts, and site clean-up</li></ul>
<b>Metallurgical Coal Exploration</b> <i>Alberta, Canada</i> Junior Geoscientist-in-Training 2020	<ul style="list-style-type: none"><li>• Identify and confirm historical coal exposures</li><li>• Trench and log identified coal exposures</li><li>• Map property access</li><li>• Daily data compilation and field planning</li><li>• ATV supported</li></ul>
<b>Gold (Orogenic) Exploration</b> <i>Saskatchewan, Canada</i> Junior Geoscientist-in-Training 2020	<ul style="list-style-type: none"><li>• Prospecting and sampling of a vein hosted gold system</li><li>• Daily data compilation and field planning</li><li>• Helicopter supported</li></ul>



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**Metallurgical Coal Exploration**

*Alberta, Canada*

Junior Geoscientist-in-Training

2018

- Geotechnical and geological logging of diamond drill core to obtain rock mechanic and coal quality data for a pre-feasibility study
- Assist with drill supervision, drill moves, safety efforts, and site clean-up

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**Gold (Mesothermal/Epithermal) Exploration**

*Yukon, Canada*

Junior Geoscientist-in-Training

2018

- Ground magnetic surveys
- Plan daily traverses
- Conduct daily safety meetings
- Data compilation

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**Gold (Epithermal) Exploration**

*British Columbia, Canada*

Junior Geoscientist-in-Training

2018

- Geochemical soil sampling
- Ground magnetic survey

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**Copper-Gold Exploration**

*Saskatchewan, Canada*

Junior Geoscientist-in-Training

2018

- Geochemical soil and boulder sampling
- Remote camp

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**Uranium (Unconformity) Exploration**

*Saskatchewan, Canada*

Junior Geoscientist-in-Training

2018

- Geotechnical and geological logging of diamond drill core for a drill program
- Responsible for camp set-up
- Drillhole alignment, downhole gamma probing, core sampling, and site evaluation

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**Uranium (Unconformity) Exploration**

*Saskatchewan, Canada*

Geotechnical Field Technician

2017-2018

- Geotechnical logging of drill core for a pre-feasibility study
  - Geotechnical and geological logging of split-tube core for rock mechanic holes requiring packer testing within chosen intervals
  - Prospecting based on airborne surveys and available literature on the study area
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