



# STAFF PROFILE



**Matthew Carter, B.Sc., P. Geo.**  
Senior Geologist

## EDUCATION

MacEwan University, Edmonton / 2007

- Bachelor of Science Transfer Program

University of Alberta, Edmonton / 2010

- Bachelor of Science with Specialization in Geology

## EXPERIENCE SUMMARY

Matt has been involved with all stages of exploration, from grassroots through to advanced feasibility studies, across Canada and the United States. Fieldwork locations have varied from logistically challenging, remote (helicopter/float/ski plane supported) regions, to moderately populated rural and urban areas. Exploration roles have included geological mapping, geochemical sampling, managing drill programs, and co-managing advanced-stage exploration programs. Matt designs geological mapping and geochemical sampling programs; drill programs; and QAQC programs for all stages of exploration.

## **DEPOSIT TYPE**

- Au
- Coal
- Frac Sand
- Fe (Cu) Skarns
- Lithium Pegmatite
- Ni-Cu-Co
- Rare Metals (Ta, Nb & Sc)
- REE
- Uranium

## **LANGUAGES**

- English (fluent)

## **SOFTWARE AND INSTRUMENTATION**

- Fusion (Datamine)
- ArcGIS
- Leapfrog Geo (Seequent)
- Maptek Vulcan
- Solinst Levellogger
- Campbell Scientific LoggerNet
- Reflex EZ-Shot & Reflex EZ-Gyro
- Microsoft Office
- Thermo and Olympus XRF

## **CERTIFICATES**

- Standard First Aid, Level C
- NRCAN Level 2 XRF Operator
- Non-Restricted and Restricted Firearms Licence

## **PROFESSIONAL ASSOCIATIONS**

- APEGA
- AME
- PDAC



# STAFF PROFILE

## PROFESSIONAL EXPERIENCE

PROJECT	DETAILS
<b>Project Generation</b> <i>North America</i> Senior Geologist 2020	<ul style="list-style-type: none"><li>• Property evaluation</li><li>• Data compilation and analysis</li><li>• Scope of work proposals</li></ul>
<b>Metallurgical Coal Exploration</b> <i>Alberta, Canada</i> Modeller 2019 - 2020	<ul style="list-style-type: none"><li>• Historical data compilation and auditing</li><li>• Updating geologic model for resource comparison</li></ul>
<b>Nickel-Copper-Cobalt Exploration</b> <i>Nunavik, Canada</i> Project Geologist / Modeller 2019	<ul style="list-style-type: none"><li>• Historic data compilation and auditing</li><li>• Generate maps for target areas</li><li>• Build geologic model</li></ul>
<b>Copper-Gold-Silver Exploration</b> <i>British Columbia, Canada</i> Project Manager / Geologist 2019	<ul style="list-style-type: none"><li>• Historic data compilation</li><li>• Site visit to historical adits</li><li>• Generation of 43-101 compliant technical report</li></ul>
<b>Lithium (pegmatite) Advanced Exploration Program</b> <i>North Carolina, USA</i> Project Manager / Geologist 2017 - 2018	<ul style="list-style-type: none"><li>• Co-manage drilling, road construction, geology and logistics<ul style="list-style-type: none"><li>◦ Multiple drills</li></ul></li><li>• Implement core logging protocols and QA/QC</li><li>• Manage geological mapping campaigns</li><li>• Geological and geotechnical core logging, core sampling, specific gravity measurements and core photography</li></ul>
<b>Frac Sand Exploration</b> <i>British Columbia, Canada</i> Project Manager / Geologist 2017	<ul style="list-style-type: none"><li>• Managed helicopter supported exploration program</li><li>• Geologic mapping and geochemical rock sampling</li></ul>
<b>Rare Earth Element (Carbonatite) Exploration</b> <i>Eastern, Canada</i> Project Manager / Geologist 2011 - 2015	<ul style="list-style-type: none"><li>• Managed remote helicopter supported exploration, drilling, and geotechnical program</li><li>• Geologic mapping and sampling</li><li>• Piezometer installation, injection &amp; pumping tests</li><li>• Thermistor design and installation</li></ul>
<b>Gold (Intrusion) Exploration</b> <i>Bolivar, Colombia</i> Project Geologist 2012	<ul style="list-style-type: none"><li>• Analytical audit for brownfield mine exploration</li></ul>



## STAFF PROFILE

---

### **Niobium & Scandium (Carbonatite)**

#### **Advanced Exploration**

*Nebraska, USA*

Project Geologist

2014

- XRF operation and compliance
- Assist with multi-drill management and site logistics
- Metallurgical sample selection

---

### **Uranium Exploration**

*Saskatchewan, Canada*

Project Manager / Geologist

2013 - 2014

- Managed remote field program
  - Float plane/ helicopter-supported sampling and radon survey program
- Dosimetry

---

### **Tantalum & Niobium (Carbonatite)**

#### **Advanced Exploration**

*British Columbia, Canada*

Project Geologist

2010 - 2011

- Geological and geotechnical core logging, core sampling and specific gravity measurements
- Assessment reporting
- Geochemical soil sampling

---

## **PROFESSIONAL DEVELOPMENT**

DESCRIPTION	TYPE	YEAR
• Epithermal Ore Deposits, and Transition to the Porphyry Environment: Formation and Exploration	AME Short Course	2020
• Maptek: Block Model Essentials	Maptek Vulcan	2020
• Alberta Health and Safety Committees and Representatives	CCOHS	2019
• Maptek: Vulcan Essentials	Maptek Vulcan	2019
• Discovery Through Cover Using Geochemistry: A Global Context	MDRU Short Course	2019
• Using QA/QC Data to Minimize Risk in Exploration and Resource Estimation	AME Short Course	2018