



## STAFF PROFILE



**Brad Ulry, B.Sc., P. Geo.**  
Chief Operating Officer / Senior Geologist

### EDUCATION

Mount Royal College, Calgary, AB.

- Science Transfer Program Diploma / 2004

University of Alberta, Edmonton, AB.

- Bachelor of Science, Biological Sciences / 2006
- After Degree Geology Course-work, Earth & Environment Sciences / 2008

### EXPERIENCE SUMMARY

Brad has been involved in all stages of exploration projects ranging from early stage to mine site expansion programs. He has been the lead consultant on more than 18 exploration projects and is the Chief Operating Officer for a North American Geological Consulting Company that has been around for more than 20 years. He has managed all scales of projects, including geological ground programs; multi-drill programs; large bulk sampling programs; and remote helicopter-supported projects. He has successfully completed projects in the remote arctic, environmentally sensitive habitats (farmland and animal habitats) and populated communities. These past programs have provided experience in assessing project sensitivities and requirements, based off on the ground experience. His commodity experience has focused on rare metals, lithium, nickel-PGE, precious metals and structurally complex metallurgical coal deposit. He has evaluated small gold and copper mining operations through the USA and Mexico.

### DEPOSIT TYPES

- Epithermal Ag-Au
- Coal
- Porphyry Cu-Au-Mo
- Sediment-hosted Cu
- High-Ca Limestone
- IOCG
- Li Clay
- Li Pegmatite
- Nb-Sc
- Ni-Cu PGE
- Porphyry Cu-Au-Mo
- Rare Metals (Ta & Nb)
- REE
- Uranium

### LANGUAGES

- English (fluent)

### SOFTWARE & INSTRUMENTATION

- Fusion (Datamine)
- ArcGIS
- Leapfrog Geo (Seequent)
- GEOVIA (Gemcom)
- GEMS
- GeOrient and GeoCalc
- PHINAR Software X-10 Geo
- Microsoft Office and Project
- Adobe Creative Suite
- Corel Graphics Suite
- Downhole survey software (Reflex and FlexIT)
- Basic SQL

### CERTIFICATES

- GEMS Foundation
- Leapfrog Edge
- Standard First Aid & CPR
- Wilderness Training

### PROFESSIONAL ASSOCIATIONS

- APEGA



## PROFESSIONAL EXPERIENCE:

PROJECT	DETAILS
<b>Iron Oxide Exploration</b> <i>New York, USA</i> Project Manager / QP 2017 - Present	<ul style="list-style-type: none"><li>• Late stage Brownfield Exploration</li><li>• Assist in project permitting</li><li>• Target, manage drilling and organize site geology</li><li>• Work closely with independent Resource geologists, geotechnical and mine engineers, and Hydrogeologists.</li><li>• Active geological modelling and model validation</li><li>• Managed metallurgical and mineralogical sample representativeness, presentations, and data facilitation with processing engineers</li><li>• Implement and monitor QA/QC programs</li></ul>
<b>Gold Exploration</b> <i>South Eastern States, USA</i> Project Manager / QP 2018 - Present	<ul style="list-style-type: none"><li>• Project evaluation and generation</li><li>• Setting up project teams and project negotiation</li></ul>
<b>Lithium (pegmatite) Exploration</b> <i>North Carolina, USA</i> Project Manager / QP 2017 - Present	<ul style="list-style-type: none"><li>• Late stage Brownfield Exploration</li><li>• Target and Manage drilling (up to 7 drill rigs, &gt; 75,000 m), site geology<ul style="list-style-type: none"><li>○ Including Barge and Land Drilling (NQ to PQ diameter)</li></ul></li><li>• Active geological modelling and model validation</li><li>• Managed metallurgical and mineralogical sample representativeness, presentations, and data facilitation with processing engineers</li><li>• Implement and monitoring QA/QC programs</li><li>• Geological and Structural mapping of the shear zone hosted pegmatite</li></ul>
<b>Multiple Metallurgical Coal Exploration and Development</b> <i>Alberta, Canada</i> Project Manager / QP 2012 - Present	<ul style="list-style-type: none"><li>• Oversight for three metallurgical coal clients</li><li>• Permit, plan, and implement metallurgical coal exploration programs</li><li>• Manage road construction, drilling, and bulk sampling</li><li>• Completed RC and Sonic Coring Drill programs</li><li>• Develop and implement reclamation plans</li><li>• Geological mapping and generation of fold-thrust belt structural maps and models</li><li>• Geological modelling using Leapfrog Geo</li><li>• Developed NI 43-101 and JORC compliant QA/QC programs</li><li>• Generate technical (NI43-101 and JORC) reports</li></ul>
<b>Lithium (pegmatite) Exploration</b> <i>Eastern, Canada</i> Senior Geologist 2017	<ul style="list-style-type: none"><li>• Re-organize drill program, geology, and initiate geological modelling</li><li>• Implement QA/QC programs</li><li>• Implement core logging protocols and review data collected</li></ul>



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	<ul style="list-style-type: none"><li>Facilitated project requirements between client and project geologist</li></ul>
<b>Copper (Sediment-hosted) Exploration</b> <i>Coahuila, Mexico</i> Technical Manager / Senior Geologist 2016 - 2017	<ul style="list-style-type: none"><li>Technical oversight and high-level review</li><li>Evaluate geological mapping and generate 3D structural model</li><li>Database construction, modelling and presentations</li></ul>
<b>Copper, Gold, Molybdenum Porphyry Exploration</b> <i>Monclova, Mexico</i> Technical Manager / Senior Geologist 2016 - 2017	<ul style="list-style-type: none"><li>Technical oversight and high-level review</li><li>Database construction, modelling and presentations</li><li>Preliminary geological mapping</li></ul>
<b>Lithium (pegmatite) Exploration</b> <i>Manitoba, Canada</i> Senior Geologist 2016	<ul style="list-style-type: none"><li>Regional property evaluations and project implementation</li><li>Database compilation and geological modelling</li><li>Claim acquisition and reporting</li></ul>
<b>Lithium Clay Exploration</b> <i>Nevada, USA</i> Project Manager / Geologist 2016	<ul style="list-style-type: none"><li>Geological mapping and stratigraphic sampling</li><li>Evaluated and mapped multiple targets through Nevada</li></ul>
<b>Niobium &amp; Scandium (Carbonatite-hosted) Advanced Exploration</b> <i>Nebraska, USA</i> Project Manager / QP 2014 - Present	<ul style="list-style-type: none"><li>Permit, plan, and implement exploration and QA/QC programs</li><li>Manage construction, drilling, geology and metallurgical programs<ul style="list-style-type: none"><li>Multiple drills (&gt; 23,000 m of core drilling)</li><li>Deep (700 to 950 m) large diameter, PQ and HQ, drillholes</li><li>Hydrology and testing well drillholes</li></ul></li><li>Develop NI 43-101 compliant QA/QC program and geological database</li><li>Mineralogical classifications</li><li>Advance project through Preliminary Economic Assessment</li></ul>
<b>High-Calcium Limestone Drilling</b> <i>British Columbia, Canada</i> Project Manager / Geologist 2014	<ul style="list-style-type: none"><li>Manage road construction, drilling, and sampling</li><li>Completed core drilling for final mine plan (5,000 m drilling)</li></ul>
<b>Nickel and Platinum Group Element Exploration</b> <i>Eastern, Canada</i> Project Manager / Geologist 2012	<ul style="list-style-type: none"><li>Remote field management of Helicopter-supported three-drill program</li><li>Project manager for 60-person exploration camp, overseeing independent contractors</li><li>Remote Arctic logistics</li><li>Greenstone belt geological terrain</li></ul>
<b>Rare Earth Element (REE) Exploration</b> <i>Eastern, Canada</i> QA / QC Reviewing Geologist 2009 - 2014	<ul style="list-style-type: none"><li>Review analytical results, chart, report, and make recommendations</li></ul>



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### **Tantalum & Niobium (Carbonatite-hosted) Advanced Exploration**

*Blue River, British Columbia, Canada*

Project Manager / Geologist

2008 - 2014

- Permit, plan, and implement exploration and QA/QC programs
- Organized geological mapping and interpretation for D4 structurally complex amphibolite facies metamorphic terrain
- Manage road construction, drilling, and bulk sampling
  - Multiple drills (> 68,000 m of core), HQ diameter
- Oversight for core, geotechnical, metallurgical, and hydrology drilling
- Developed a NI 43-101 compliant QA/QC program
- Project status and Assessment reporting
- Monitored regulatory requirements
- Advanced project exploration program through Preliminary Economic Assessment

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### **Greenstone Belt Mapping**

*Northwest Territories, Canada*

Junior Geologist

2008

- Geological Field mapping

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### **Uranium Exploration**

*North Saskatchewan, Canada*

Junior Geologist

2007 - 2008

- Geological Field mapping and prospecting
- Organized field geophysical and geochemical surveys (MMI samples & Radon surveys)
- Remote field camp operations
- Assessment reporting and data interpretation

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## **PROFESSIONAL DEVELOPMENT:**

DESCRIPTION	TYPE	YEAR
• Epithermal Ore Deposits, and Transition to the Porphyry Environment: Formation and Exploration	Roundup Short Course	2020
• Fusion Database Training	Training Course	2010