



STAFF PROFILE



Neil McCallum, B.Sc., P.Geol.
Senior Geologist / Manager

EDUCATION

- University of Alberta, Edmonton, Alberta / 2004
 - B.Sc Specialization in Geology

EXPERIENCE SUMMARY

Neil is a professional geologist with over a decade of experience in North America. He has managed a range of projects from grassroots prospecting to resource definition drilling and resource modeling. Over his career, he has become an expert in the compilation of regional-scale metallogenic databases to generate new targets and gain a better perspective for project-scale targeting and acquisition. As a result, his generative specialty has led him to serve as an independent director for several public companies and launched numerous clients along successful paths to discovery, and includes projects such as Waterbury Lake's J-Zone (U) and Corvette (Li-Ta). Stemming from his extensive project and managerial experience, he is superbly proficient in designing budget-specific exploration programs for a variety of commodities within both Canadian and US jurisdictions with the added ability to recognize and develop often hidden potential.

DEPOSIT TYPES

- REE (Nb-Ta) carbonatite
- Lithium Pegmatite/clay/brine
- Unconformity-style Uranium
- Cordilleran and Orogenic gold
- Ni-Cu-Co ultramafic
- VMS deposits
- Diamond-bearing kimberlite
- Cobalt deposits (various)
- Vanadium deposits (various)
- Graphite
- MVT-style lead-zinc
- Fluorspar
- Coal
- Industrial limestone

LANGUAGES

- English (fluent)
- Spanish (beginner)
- French (beginner)

SOFTWARE & INSTRUMENTATION

- ArcGIS (expert)
- Target for ArcGIS (expert)
- Fusion/Datamine (intermediate)
- Leapfrog Geo (beginner)
- Microsoft Office

CERTIFICATES

- Standard First Aid- Level C
CPR/AED

PROFESSIONAL ASSOCIATIONS

- APGO



PROFESSIONAL EXPERIENCE HIGHLIGHTS:

PROJECT	DETAILS
Uranium (all styles) <i>Saskatchewan & Alberta, Canada</i> <i>Midwestern States, USA</i> Project Manager/Senior Geologist/Director 2004-Present	<ul style="list-style-type: none">• Strong understanding of the various uranium mineralizing systems in different geological settings• Strong knowledge of companies in the space, past and current, and understanding of their property's potential• Created a customized database of the uranium occurrences of the Athabasca Basin.<ul style="list-style-type: none">◦ Responsible for the selection, acquisition, and exploration of numerous early-stage uranium prospects• Strong understanding and familiarity with all modern and historical uranium exploration techniques<ul style="list-style-type: none">◦ Have designed, implemented, and managed all aspects of exploration for uranium (field & office)• Managed various drill programs, including Waterbury Lake's J-Zone, located along strike of the Roughrider Deposit (discovered by Hathor Exploration)• Commonly produce promotional materials for clients and are credited with having outlined, and assigned formal names, to major conductive trends• Have provided technical support for NI 43-101 Technical Reporting• Served as VP Exploration for Lakeland Resources Corp. (2013-2015). The company later merged with Alpha Exploration to form ALX Uranium.• Presently VP Exploration for Standard Uranium. The company is focused on uranium in the Athabasca Basin.
Grass-Roots to Advanced Exploration for Lithium – North America <i>North America</i> Project Manager/Senior Geologist 2016-Present	<ul style="list-style-type: none">• Researched lithium-bearing pegmatites across Canada, and brine or clay deposits in the United States. This research lead to several acquisitions for multiple clients.• Our team executed several exploration programs for these clients and advanced a lithium-pegmatite project from one-sample to a resource estimate in a short timeframe.
Co-Cu-Au-REE <i>Idaho, USA</i> Project Manager / Senior Geologist 2016-Present	<ul style="list-style-type: none">• Researched cobalt deposits of North America and lead the acquisition of several projects.• From this, I worked with the client to generate promotional material to support a successful funding campaign.



STAFF PROFILE

- Managed the exploration of an exploration program in Idaho
 - Logistics, permitting, targetting, field protocols, core logging, data capture, reporting, land management

Project Generation and Exploration for REE and Ta, Nb

North America

Project Manager

2010-2014

- I researched and acquired several Rare Earth Element (REE) and Tantalum-Niobium occurrences throughout North America.
- Managed the historical compilation and early exploration and metallurgy studies of the Elk Creek Carbonatite (now operated by NioCorp). The historical work included 100's of drill-holes and 1000's of samples. The project was advanced from grass-roots to feasibility study in 7 years.
 - Lead the collaboration of the local university and state with industry to advance the project
 - Coordinated the land acquisition amongst several local landownes.
- Co-organized, implemented, and monitored complex beneficiation and hydrometallurgical programs.

Exploration for high Calcium limestone

Alberta, BC, Sask, Canada

Project Geologist

2004-2008

- Implementation of classic stratigraphic principals for the exploration of high-Calcium limestone in the Canadian Rockies.