

STAFF PROFILE

Neil McCallum, B.Sc., P.Geo.

Project Geologist / Manager

Education

B.Sc. University of Alberta, Graduated 2004

Professional Associations

APGO

Languages

English

Software

Advanced: ArcGIS; Geosoft Target for ArcGIS; MS-Office.

Intermediate: Corel Draw; Adobe Illustrator; Leapfrog.

Certificates

First Aid Level C; Ontario Operator's License (Class 5)

Industry Experience

Prospecting / Exploration / Development

Since graduation in 2004, Neil has conducted and managed exploration programs for a wide range of commodities which include industrial minerals (limestone, fluorspar, aggregate, graphite, coal, diamonds; precious & base metals (Au, Ag, PGE, Cu, Pb, Zn); rare metals (Ta, Nb, Li, REEs); diamonds and uranium. His areas of expertise/interest are the uranium deposits of the Athabasca Basin; REE +/- Tantalum/Niobium deposits (carbonatite) and lithium (pegmatites, clays and brines).

The projects that he has managed range from grass-roots prospecting to resource definition drilling and resource modeling. Neil has also gained an expertise in the compilation of regional-scale metallogenic databases which are used to generate new targets and gain a better perspective for project-scale targeting.

Neil specializes in historical exploration data compilations and conceptual geological modeling in order to generate new projects. This work has launched many clients along successful paths of discovery.

Neil understands the importance of translating technical exploration data into a format that is meaningful for non-technical individuals. Specifically, in the marketing of an exploration opportunity to assist public companies in their capital raising, and eventually share their progress to shareholders and stakeholders.





Management QA/QC & Logistics

Neil has authored several independent NI43-101 reports in addition to managing the exploration and logistics of remote projects. He is well versed in Quality Assurance and Quality Control best-practices for the mineral exploration industry through his direct project management experience and property evaluations.

Project Details

Project Generation and Grass-Roots Exploration for Co-Cu-Au-REE – Cobalt, Idaho 2016-Present
Project Manager / Senior Geologist

- My research of historical exploration defined the staking target. From this, I worked with the client to generate promotional material, and the company successfully raised \$10-million in a depressed market. I designed and managed the exploration of the first season of field work.

Project Generation and Grass-Roots to Advanced Exploration for Lithium – North America 2016-2018
Project Manager / Senior Geologist

- I researched lithium-bearing pegmatites across Canada, and brine or clay deposits in the United States. This work led to several acquisitions for multiple clients. We executed several exploration programs for these clients and advanced a lithium-pegmatite project from one-sample to a resource estimate.

Project Generation and Exploration for Uranium – North America 2004-Present
Project Manager / Senior Geologist

- I have created a customized database of the uranium occurrences of the Athabasca Basin. I was responsible for the selection, acquisition and exploration of several early-stage uranium prospects within the basin.
- The compilation of historical exploration allowed me to become a self-taught advanced ArcGIS user.
- I served as VP Exploration for Lakeland Resources Corp. (2013-2015). The company later merged with Alpha Exploration to form ALX Uranium.
- I am presently VP Exploration for Standard Uranium. We are focused on uranium in the Athabasca Basin and will be listed on the TSX Venture in the next few months.

Project Generation and Exploration for REE and Ta, Nb – North America 2010-2014
Project Manager / Senior Geologist

- I researched and acquired several Rare Earth Element (REE) and Tantalum-Niobium occurrences throughout North America.
- I 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.

Project Geologist

- I adapted classic stratigraphic principals for the exploration of high-Calcium limestone. The projects were located in BC, Alberta and Saskatchewan.

Technical Publications

McCallum, N., (2012) Technical Report on the CAP Property, BC. For Arctic Star Exploration Corp. Review of current exploration; Nb-REE Carbonatite target

McCallum, N., (2012) Technical Report on the Liard Fluorspar Project, BC
For Prima Fluorspar Corp. Review of historic exploration; Carbonate-hosted fluorspar

McCallum, N. and Giroux, G.H., (2012) Technical Report on the Workman Creek Project, Arizona. For Uranium Energy Corp. Inferred Resource Estimate from historic drilling; Sandstone-hosted uranium

McCallum, N., (2011) Technical Report on the Aguila Property, Peru.
For Duran Ventures Inc. Independent review of 10,000 m of resource drilling; Cu-Mo Porphyry deposit.

McCallum, N. and Cathro, M.S., (2010). Technical Report on the Elk Creek Property, Nebraska. For Niocorp Developments Corp. Review of historic drilling; Nb & REE carbonatite.

McCallum, N., (2010) Technical Report on the Eyehill Potash Property, Alberta, Canada.
For Colonade Capital Corp (now CUB Energy Inc.). Historic data review; potash exploration property

McCallum, N. and Gorham, J., (2010) Technical Report on the Silver Hart Property, Yukon.
For CMC Metals Ltd. Inferred Resource Estimate from historic and recent drilling; High-grade silver vein deposit.