

Ronnie Therriault, M.Sc., P.Geo.

Professional Geologist

P: (807) 766-9764

C: (807) 630-1368

Email: rtherriault@geologistforhire.com

Professional Summary

I am an experienced and versatile Professional and Certified geologist with a strong interest in and knowledge of a wide variety of metal deposits. During my career I have worked on a number of base and precious metal properties & deposits both in Canada and internationally. While most of my experience is in Archean gold, I have also worked on epithermal base & precious metal, porphyry copper, volcanic hosted massive sulphide, MUM hosted Cu-Ni, uranium and diamondiferous kimberlite deposits. Through my profession I have acquired a large and varied geology-related skill set including project management & planning, above & underground mapping at all scales, Technical (NI43-101) & assessment report writing, ArcGIS compilation & management, drill supervision & logging, and QA/QC implementation.

Employment History

CANADIAN

2021 – 2024

Senior Geologist, Ethos Gold Corp./Prospector Metals Corp.

ONTARIO

Reconnaissance-scale mapping & sampling on various projects throughout Northwest Ontario. GIS compilation work, report writing and map production. Ontario Ni-Cu project generation.

2018 – 2021

MEDC, Ministry of Energy, Northern Development and Mines

ONTARIO

Reviewing and making recommendations for permit/ plan applications, Advanced Exploration projects and Closure Plans for numerous projects throughout NW Ontario. Consultation with proponents and First Nations communities. GIS compilation work.

2016 – 2017

MEDC, Ministry of Energy, Northern Development and Mines

ONTARIO

Reviewing and making recommendations for permit/ plan applications, Advanced Exploration projects and Closure Plans for numerous projects throughout NW Ontario. Consultation with proponents and First Nations communities. GIS compilation work.

2016 – 2017

Senior Geologist, Sage Gold Inc.

ONTARIO

GIS, geochemical and literature compilation of the VMS Headway system in the Onaman-Tashota belt. Drill core logging, QA/QC and crew supervision.

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| 2016 | Senior Geologist, Sage Gold Inc. |
| ONTARIO | Completion of a 43-101 Technical Report for the Clist Lake Property, Beardmore-Geraldton Belt. |
| 2012-2013 | Senior Geologist, Carina Energy Inc. |
| MANITOBA | Drill core logging, drill/camp site management etc. at an intrusion-hosted Archean gold setting. GIS and literature compilation. |
| 2011-2012 | Senior Geologist, Fjordland Exploration Inc. |
| BRITISH COLUMBIA | Drill core logging, drill site management etc. at a Sullivan-type base metal and epithermal gold setting. |
| 2012 | Senior Geologist, TerraLogic Exploration Inc. |
| BRITISH COLUMBIA | Preparation and primary author of a 43-101 and British Columbia Assessment Report for a precious/base metal property in southern BC. |
| 2010 | Senior Geologist, Grizzly Discoveries Inc. |
| BRITISH COLUMBIA | 1:5,000 scale mapping and assessment of known skarn, epithermal and replacement-style mineralization. |
| 2010 | Senior Geologist, Strikepoint Gold Inc. |
| MANITOBA | 1:5,000 scale mapping and economic assessment of the Beresford Lake area, Archean gold environment. |
| 2010 | Senior Geologist, Lund Gold Ltd. |
| ONTARIO | Reconnaissance-scale mapping and economic assessment of the Black Fox Area, Archean gold environment. |
| 2010-2011 | Senior Geologist, Sage Gold Inc. |
| ONTARIO | Drill core logging, implementation of QA/QC & litho-alteration codes, geotechnical aspects, logistics etc. at a shear hosted Archean gold deposit near Timmins. |
| 2010 | Senior Geologist, Sage Gold Inc. |
| ONTARIO | Detailed and property-scale mapping and supervision of channel sampling in a metasediment-hosted Archean gold environment. |
| 2009 | Senior Geologist, Carina Energy Inc. |
| MANITOBA | Reconnaissance-scale mapping and prospecting in an intrusion-hosted Archean gold setting. |

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| 2008 | Senior Geologist, TLC Exploration Inc. |
| ONTARIO | Completion of a data compilation project and a 43-101 Technical Report on the Blackwater River Property, Archean gold environment. |
| 2008 – 2009 | Senior Geologist, Sage Gold Inc. |
| ONTARIO | Responsible for a crew of 50+ junior geologists, prospectors, line cutters, etc on a project geared toward mesothermal precious-base metals, high grade Au veins and iron formation hosted Au in the Beardmore-Geraldton and Onaman-Tashota greenstone belts. Supervision & planning, report writing, showing assessment & mapping, GIS & geochemistry compilation and drill supervision & drill core logging. |
| 2008 | Senior Geologist, Diamonds North Resources Ltd. |
| NUNAVUT | Responsible for an RC drilling program on an ultramafic hosted nickel showing. Supervision, drill core logging, sampling, mapping, report writing and 3D AutoCAD drillhole planning/ interpretation. |
| 2006 – 2007 | Core Logging Geologist, Sherwood Copper Ltd. |
| YUKON | Acted as primary drill logger and supervisor. Creation of a core library, analysis of ICP geochemical data and a report on the geology and paragenesis of the deposit. |
| 2007 | Senior Geologist, Anglo Columbia |
| BRITISH COLUMBIA | Property and showing scale mapping and sampling of historic and newly discovered epithermal showings. Project supervisor. Contributing author to 43-101 and assessment report. New mineral showings discovered by the author. |
| 2007 | Geologist, Ashton Resources |
| ALBERTA | Completion of a bulk sample of three kimberlite pipes and ground geophysics proximal to these pipes. |
| 2006 – 2007 | Geologist, Committee Bay Resources |
| NUNAVUT | Mapping and sampling at several of the showings throughout the greenstone belt. Included overseeing a fly-camp and the writing of several reports on the geology of specific showings. |
| 2006 | Senior Geologist, Ravencrest Resources |
| BRITISH COLUMBIA | Property scale mapping and economic evaluation of historic showings. Included the writing of a 43-101 and the implementation of an enzyme leach study to assess the quality of soil sample ICP and fire assay results. |

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| 2006 | Senior Geologist, Tenajon Resources Inc. |
| BRITISH COLUMBIA | Showing scale mapping and sampling of two epithermal veins. Underground mapping and soil sampling. Supervision of a drill program including drillcore logging, site setups and supervision. |
| 2004 - 2005 | Core Logging Geologist, Miramar Mining Corp. |
| NUNAVUT | Drill core logging and mapping at the Naartok (Madrid) deposit. Data gathered for M.Sc. thesis. |
| 2002 | Geologist, Nunavut Tunngavik Incorporated |
| NUNAVUT | Regional mapping and sampling in areas prospective for VMS and iron-formation hosted gold deposits. Data gathered for B.Sc. thesis. |
| 2001 | Geologist, De Beers Canada |
| ONTARIO | Till sampling and Quaternary mapping in a number of areas near Pickle Lake, Ontario, Canada. |
| 2000 | Geological Assistant, Ontario Geological Survey |
| ONTARIO | Junior field assistant in search of economic mineralization in a greenstone belt north of Thunder Bay proximal to the Lac des Iles mine. |
| <i>INTERNATIONAL</i> | |
| 2013 - 2014 | Senior Geologist, Golden Gate Mining |
| BRAZIL | Data consolidation and completion of a 43-101 for the Goldfish gold Property. |
| 2011 | Senior Geologist, Boston Minerals Mining Corp. |
| PHILIPPINES | Property assessment in several areas on the island of Mindanao for epithermal gold. Mapping, sampling and crew supervision. Submittal of several geology and recommendation reports. |
| 2011 | Senior Geologist, Laksana |
| INDONESIA | Property assessment for gold and copper porphyry potential in two areas of Sulawesi Island. Submittal of geology and recommendation reports. |
| 2011 | Senior Geologist, Sentosa Mining Ltd. |

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| AUSTRALIA | Compilation of 25+ years of data including GIS. Reinterpretation and target selection based on soil & drill results, geology, geophysics etc. |
| 2011 | Senior Geologist, Dahrouge Geological Consulting Ltd. |
| AUSTRALIA | Assessment of REE potential of a land package north of Perth. Submittal of geology and recommendation report. |
| 2011 | Senior Geologist, Regalpoint Resources Ltd. |
| AUSTRALIA | Property evaluation for uranium, precious and base metal potential. |
| 2007 | Senior Geologist, Wealth Minerals |
| ARGENTINA | Trench mapping, sampling and regional prospecting at a volcanic-hosted uranium property. Report submittal detailing the geology of the immediate area and results from regional prospecting. |
| 2007 | Senior Geologist, Lund Gold Ltd. |
| BRAZIL | Property and showing scale mapping at and around an intrusion-hosted gold deposit. Geology report and map submittal detailing the geology of the property. |
| 2007 | Senior Geologist, Greenshield Resources |
| ECUADOR | Property scale mapping of plinean volcanics and continental fluvial rocks including an economic assessment of the property. Geology report and map submittal detailing the geology of the area. |

Education

M.Sc., The University of Western Ontario

'A geological assessment of the Naartok deposit at the center of the Miramar-owned Hope Bay Volcanic Belt'. Thesis involved a detailed review of petrology, mineralization, geochemistry and structural geology through mapping, drill core logging, petrography and various analytical geochemistry techniques.

B.Sc., The University of Western Ontario

'A study of the petrology and economic potential of sillimanite-grade banded iron formation hosted gold west of Bathurst Inlet, Nunavut'.

Geology, Geochemistry and Exploration of VMS Deposits

Laurentian University Short Course (Piercey, 2018).

Exploration Geochemistry

Laurentian University Short Course (2007).

Structural Geology

Laurentian University Short Course (Lafrance, 2005).

Skills

- Very familiar with procedures regarding Early Exploration (Plans and Permits) and Part VII of the Mining Act regarding Advanced Exploration activities in Ontario.
 - Experienced with working with First Nations and Métis communities in Northwestern Ontario.
 - Well versed in Microsoft Office & ArcGIS.
 - Strong background in Archean gold settings.
 - Member of APGO in good standing.
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References

Robert L'Heureux. APEX Geoscience. #110, 8429-24 ST. NW. Edmonton, AB. T6P 1L3
Canada. P: (780) 916-5482

Bill Love. New Break Resources. wlove@newbreakresources.ca

Scott Burgess. Ministry of Northern Development and Mines. Thunder Bay, ON. P: 807-475-1106

Dr. Norman Duke. The University of Western Ontario. London, ON. P: (519) 661-2111 ext. 83199.