

Richard Creagan, BSc., P. Geo

Invermere, British Columbia

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Experienced Professional Geologist registered in Ontario with a proven record of implementing advanced geological techniques in exploration and mining operations. Proficient in core logging, 3D modeling, and data analysis. Adept at project management, budgeting, and contractor supervision. Demonstrated expertise in utilizing industry-standard software and tools for geological interpretation and reporting.

Project Geologist (June 2022 – September 2023)

Impala Canada - *Lac Des Iles Palladium Mine - Thunder Bay, Ontario*

- Secondary supervisor for the exploration team responsible for orchestrating the morning safety briefing and delineating daily work assignments for the exploration personnel.
- Conducted explicit 3D modeling within Leapfrog utilizing geological interpretation and palladium grade.
- Employed Leapfrog and MapInfo for drill hole planning, generated cross-sections, and plan maps.
- Oversaw surface drilling and channel sampling programs, ensuring safety, accuracy, and compliance.
- Created budget tracking spreadsheets, projection analysis, and effective contractor management.
- Utilized DH Logger for core logging in exploration drill holes, adhering to industry best practices.
- Collected field data, executed outcrop mapping, and digitized information into MapInfo and Leapfrog.

Mine Geologist (August 2018 – June 2022)

Baymag Inc. - *Mt. Brussilof Magnesite Mine - Radium Hot Springs, BC*

- Utilized MineSight block model inverse distance weighting for ore/waste projections.
- Performed effective grade control by creating blast maps and providing instruction to the operator.
- Developed monthly, yearly, and long-range (10-year) mining plans including pit expansions.
- Monthly reconciliation results for long-range models and actual mine production.
- Managed inventory tracking, generated month-end reports, and oversaw budgets.
- Actively contributed as a member of the Occupational Health and Safety Committee and Mine Rescue.

Exploration Geologist (May 2017-August 2018)

Baymag Inc. - *Mt. Brussilof Magnesite Mine - Radium Hot Springs, BC*

- Orchestrated a helicopter-supported diamond drill program from planning to execution.
- Negotiated and managed drilling contracts ensuring optimal resource allocation.
- Conducted thorough reviews of existing claims, performed budgeting, and executed claim maintenance.
- Supervised drilling operations, closely monitored daily progress, and made critical decisions.
- Produced technical reports for exploration activities and created maps using ArcGIS.
- Conducted core logging, detailed lithological descriptions, and meticulous sampling.
- Organized and facilitated safety meetings and contractor orientations

Education

- **BSc. Geology**
Acadia University – Wolfville, Nova Scotia
- **Engineering Technologist Diploma**
Fleming College – Lindsay, Ontario

Certifications and Training

- Mine Rescue
- P. Geo - Ontario
- Leapfrog Geo Essentials