
Curriculum Vitae

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PROFILE:

Accomplished Geologist with over forty years of experience including management and supervisory experience on large scale regional exploration to advanced definition drilling programs throughout Canada and the USA. Responsible author of numerous NI 43-101 compliant mineral resource estimates. Part of project teams that have completed Preliminary Economic Assessments (PEA) and Prefeasibility Studies (PFS). This experience is related to gold (mesothermal and epithermal), base metals (VMS, MVT and SEDEX), uranium (granite and Athabasca Basin types), granite hosted tin-tungsten-uranium, LCT Pegmatites, Carbonatite hosted REE's and porphyry hosted gold-copper-moly. Since 2006 have managed and been the technical expert on several Environmental Impact Assessments (EIA's) in the Kivalliq Region of Nunavut on behalf of the Kivalliq Inuit Association (KivIA). Additional work for the KivIA has included negotiation of water compensation, financial security agreements, mine lease, road access, infrastructure corridor and surface/mineral rights agreements. Experience also includes work as a geoscience expert on the Environmental Impact Assessments for the Mary River Iron mine (Baffin Island), Minto Copper Mine (Yukon), Coffee Gold Project (Yukon) and the Rose Lithium Project (James Baie Region, Quebec). Have been the Project Manager for several local to regional scale prospectivity and mineral potential studies related to land use planning and infrastructure development in northern and southern Canada. Extensive northern Canadian experience working in Nunavut, NWT, Yukon, Quebec and Labrador. Canadian citizenship and working proficiency in English. Computer skills include Microsoft office, GeoSpark, ArcView and QGIS.

EXPERIENCE:

GeoVector Management Inc. – Canada

2002-present

VP – Project Management

Responsible for the technical and non-technical management of several gold, base metal and critical mineral exploration projects throughout eastern and northern Canada for junior exploration and major mining companies. Responsible author of numerous NI 43-101 compliant Mineral Resource Estimates and Preliminary Economic Assessments (PEA). Responsible as a technical expert and the overall management of Environmental Impact Assessments in the Kivalliq Region of Nunavut on behalf of the Kivalliq Inuit Association. In particular, the Meadowbank, Meliadine and Whale Tail gold Projects; and the Kiggavik uranium project. Additional work has included completion of water compensation, security bond, mine lease, road access and surface/mineral rights agreements. A list of the main clients is as follows:

ARIS Gold / Caldus Gold

Anglo-Gold Ashanti

Commander Resources

Denison Mines Corp.

Energy IQ

Kivalliq Inuit Association

LaSalle Exploration / Harfang Exploration Inc.

Power Nickel

Quebec Precious Metals

Tisdale Clean Energy Corp.

**Triumph Gold / Northern Freegold
Tahoe Resources / Temex Resources Corp.
TerraX Minerals Inc. / Gold Terra Resource Corp.
BHP-Billiton / WMC International Ltd.**

WMC International Ltd., (Western Mining Corp.) - Canada 1997 – 2002

District Geologist and Site Manager – Meliadine Lake Gold Project, Kivalliq Region, Nunavut

Responsible for the technical and non-technical management of all aspects of the Meliadine Lake Gold Project.

- Managed a staff of 20 on an annual basis and 65 during periods of on-site activities, which included 150,000 metres of diamond drilling;
- Maintained, prepared and forecast annual budgets and technical programs;
- Prepared, implemented and supervised all aspects of reporting, permitting, land access, logistics, environmental obligations and safety obligations related to the daily running of the project site;
- Part of the geotechnical team that completed scoping and prefeasibility studies;
- Completed a project wide targeting and endowment evaluation from grass roots exploration to advanced drilling targets which enhanced the rate of return for planned mine development;

Westminer Canada Ltd., (Western Mining Corp.), Canada 1986-1996

Exploration, Ottawa, Ontario; Chibougamau, Quebec

Senior Project Geologist – Mineral Exploration

Responsible for planning, supervision and execution of exploration and diamond drill programs on exploration projects in Canada and the United States.

- Conducted base metal (VMS, MVT, SEDEX) and gold exploration (mesothermal) throughout the Atlantic Provinces and eastern Quebec, Canada (1986-1990).
- Conducted gold (mesothermal) and base metal (VMS and Magmatic Ni-Cu) exploration in the Abitibi Greenstone Belt, Canada (1991-1992 and 1994-1996);
- Conducted gold (mesothermal) for Homestake type gold deposits, Black Hills area, South Dakota, U.S.A (1993);
- Prepared annual budgets for projects;
- Responsible for all aspects of technical reporting and permitting.

Nolan Davis Geological Consultants October-December, 1985

Halifax, Nova Scotia

Geologist – Geo-technical Investigations

Responsible for execution of geo-technical field and diamond drill programs in the Atlantic Provinces, Canada.

- Executed geo-technical field investigations for proposed landfill sites and armour-stone sources for harbour breakwaters, throughout the Atlantic Provinces;
- Planned, supervised and executed a 500-metre diamond drill program on the Pt. Leamington Cu-Zn VMS deposit in central Newfoundland for the purpose of collecting metallurgical samples.

Kidd Creek Mines Ltd., April-October, 1985

Windsor, Nova Scotia

Geologist – Mineral Exploration

Responsible for planning, supervision and execution of exploration programs in Nova Scotia, Canada.

- Conducted Sn-W-Mo and LCT Pegmatites exploration throughout the granite plutons and batholiths of Nova Scotia;
- Responsible for all aspects of technical reporting;

Geological Survey of Canada / Acadia University
Wolfville, Nova Scotia
Geologist

September, 1983 - April, 1985

Completion of M.Sc. studies at Acadia University, Wolfville, Nova Scotia, Canada.

- Conducted mapping, core logging and representative geochemical / age date sampling of the large (110 square kilometer) Sporting Mountain Hadrynian granitoid-volcanic complex, Cape Breton Island, Nova Scotia;
- Documented the field relationships and data collected into a regional synthesis.

Esso Minerals Ltd.,
Halifax, Nova Scotia

May, 1979 - August, 1983

Summer Student to Geologist – Mineral Exploration

Summer student to graduate geologist involved in all aspects of several Sn-W-Mo-U and LCT Pegmatite projects within the granitoid plutons and batholiths of the Atlantic Provinces, Canada.

- Executed geochemical and geophysical surveys;
- Executed mapping, prospecting and trenching surveys;
- Executed drill core logging;
- Executed all aspects of technical reporting for the work completed;

EDUCATION:

Bachelor of Science (Honours) – Geology

1982

St. Mary's University
Halifax, Nova Scotia, Canada

Master of Science – Geology

1985

Acadia University
Wolfville, Nova Scotia, Canada

PROFESSIONAL DEVELOPMENT:

Annual professional development from 1985 to present has been completed through:

- 1) Attending conferences, particularly the Vancouver Round-Up and the Prospectors and Developers Association of Canada (PDAC).
- 2) Participation in short courses hosted by organizations such as the Professional Geoscience Organizations (PGO, PEGNL and NAPEGG), Society of Economic Geologists (SEG), Geological Association of Canada (GAC), Mineralogical Association of Canada (MAC), Canadian Universities, various provincial and territorial government geoscience organizations; and internal training while employed (1986-2002) with major mining companies. This training has covered topics related to mineral deposits, mineral resource estimation, exploration techniques, project management, safety audits, environmental audits, permitting/regulatory procedures and First Nation, Inuit and Metis consultation.
- 3) Mineral Deposit Tours – Field, open pit and underground visits to the major lode gold, epithermal gold, VMS and porphyry copper mining camps in Canada, western USA, Republic of South Africa, western Australia and the Goias Region of Brazil.

PUBLICATIONS:

Sexton, A.J. and Cotie, A.A., 1985.

Petrogenesis and economic geology of the Sporting Mountain Pluton, Cape Breton Island, Nova Scotia; in Current Research, Part A, Geological Survey of Canada, Paper 85-1A, p. 779-782.

Coker, W.B., Sexton, A., Lawyer, I. and Duncan, D., 1988.

Bedrock, till and soil geochemical signatures at the Beaver Dam gold deposit, Nova Scotia, Canada; in Prospecting in areas of Glaciated Terrain, 1988, p. 241-254.

Langlois, L., Falck, H., Aksu, B., Bachynski, R., Sexton, A., Van Hees, E., Shelton, K., Elongo, V. and Lecumberri-Sanchez, P., 2021. Indicators of gold Mineralization in the Yellowknife Greenstone Belt: A Lithogeochemistry and Mineralogy Study. Mineralium Deposita. 35p.

Ghorbani, Z., Sexton, A., Van Loon, L. and Banerjee, N. 2022. Biogeochemical Prospecting for Gold at the Yellowknife City Gold Project, Northwest Territories, Canada: Part 1 – Species Optimization. Applied Geochemistry. 32p.

Ghorbani, Z., Sexton, A., Van Loon, L. and Banerjee, N. 2023. Biogeochemical Prospecting for Gold at the Yellowknife City Gold Project, Northwest Territories, Canada: Part 2 – Robust Statistical Analysis. Applied Geochemistry. 30p.

CERTIFICATES / PERMITS:

FAC Permit (expires December, 2025)

First Aid / CPR (expires November, 2023)

PROFESSIONAL AFFILIATIONS:

- P. Geo. - Professional Geoscientists of Ontario (PGO). Member # L0563. Issued in 2002.
- P. Geo. - Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL). Member # 04028. Issued in 2002.
- P. Geol. – Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories and Nunavut (NAPEGG). Member # L1339. Issued in 2002.
- Society of Economic Geologists (SEG)
- Association of Applied Geochemists (AAG)
- Geological Association of Canada (GAC)
- Mineralogical Association of Canada (MAC)
- Prospectors and Developers Association of Canada (PDAC)