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Date of Birth: July 1, 1958

Nationality: Canadian

Languages: French, English, Spanish and working knowledge of Portuguese.

Education:
1983 **University of Montreal, Ecole Polytechnique**
B.Sc. Degree in Mining Engineering

Continuing Education:
1991 **The Canadian Securities Institute**
The Canadian Securities course, completed with honours

Work Experience:
2005 - Current **President of 8074046 Canada Inc.:**
List of major assignments and clients:

- **Merit Consultants International Inc. of Vancouver, British Columbia**
Project Manager directing the rehabilitation and upgrading of three existing 6” Ø steel tailings pipelines, totaling 5,400 meters, for a 2,500 TPD gold and silver process plant located in the Durango State, Mexico, for Primero Mining Corp. of Toronto.
- **Micon International Ltd. of Toronto, Ontario**
Participated in the updating of a NI 43-101 Technical Report (PEA) for Dalradian Resources Inc.’s Curraghinalt gold deposit located in Northern Ireland.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Project Manager of a mining construction project located in Zambia which consisted of the fast track replacement of a failed main overland conveyor, being part of a 70,000 TPD copper process plant for Barrick Gold Corp.’s Lumwana copper mine.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Site Construction Manager overseeing the rehabilitation of a 3,000 TPD graphite process plant, located in northern Ontario, for Ontario Graphite Ltd. of Toronto.

- **Roscoe Postle Associates Inc. of Toronto, Ontario**
Participated in the due diligence review of the Millennium project, a proposed underground uranium mine located in northern Saskatchewan, Canada, for a major Japanese company. Performed the assessment of an Independent Technical Expert Report (Detailed Feasibility Study) looking at all the capital costs (CAPEX) totaling CAD 905 million.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Project Manager of a mining construction project located in Peru for Trevali Mining Corp. of Vancouver. This project consisted primarily of building a 2,000 TPD lead and zinc processing plant.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Performed a construction audit as part of a due diligence of Rio Tinto's USD 750 million Eagle Mine project located in Michigan for RCF Management LLC of Denver, USA.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Site Construction Manager of a 1,000 TPD gold process plant located in Brazil for Colossus Minerals Inc. of Toronto.
- **Dowland Industrial Works Ltd. of Kamloops, British Columbia**
Project Manager of a 20 MW hydroelectric construction project located in the northwestern area of British Columbia for Veresen Inc. of Calgary. This project consisted in all major civil construction works and the penstock installation.
- **Micon International Ltd. of Toronto, Ontario**
Participated in the preparation of a NI 43-101 Technical Report (PEA) for Dalradian Resources Inc.'s Curraghinalt gold deposit located in Northern Ireland. My role was to look after the design and costing (CAPEX and OPEX) for the infrastructure work of a 1,700 TPD underground mine with total capital costs of USD 314 million.
- **Micon International Ltd. of Toronto, Ontario**
Participated in the preparation of a NI 43-101 Technical Report (Feasibility Study) for Guyana Goldfields Inc.'s Aurora Gold Project, located in Guyana, a 8,000 TPD open-pit and underground mining operation with a total initial capital costs of USD 524 million. Estimated the infrastructure capital costs (CAPEX) and prepared the project execution plan (PEP).
- **CIMA+ of Montreal, Quebec**
Project Manager for the detailed engineering of a major CAD 750 million iron ore mine expansion project located in northern Quebec. This project consisted primarily in building a new concentrator, crusher, overland conveyor, power lines, railway load-out facility increasing overall concentrate production capacity from 8 MTPY to 16 MTPY.

- **Pincock Allen and Holt of Denver, Colorado, USA**
Performed an audit for the construction of Xstrata's Koniambo USD 5.0 billion construction project, a new open-pit nickel mine located in New Caledonia.
- **Roscoe Postle Associates Inc. of Toronto, Ontario**
Participated in the preparation of a NI 43-101 technical report for Barrick's USD 3.5 billion Pueblo Viejo construction project located in the Dominican Republic. My role was to look after all construction aspects.
- **Watts, Griffis and McQuat Ltd. of Toronto, Ontario**
Assisted a major insurance company (FM Global) with its preliminary assessment of the damages to an existing main mining hoist and the replacement/repair costs estimate as well as with the impacts on operating costs and loss of revenue for Iamgold's ongoing underground gold Westwood project located in northwestern Quebec.
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Site Construction Manager of an underground development project located in Mali, West Africa, for Avion Gold Corp. of Toronto. This project consisted primarily of building a concrete batch plant, pumping out an existing open-pit, and establishing surface infrastructures (housing complex, offices, mine dry, power plant, power lines, etc.).
- **Merit Consultants International Inc. of Vancouver, British Columbia**
Acting General Manager of an open-pit coal mine development project located in the Chetwynd area of B.C. for First Coal Corp. of Vancouver, involving the gathering of a 50,000 tonnes bulk sample.
- **Sandwell Engineering Inc. (Ausenco) of Vancouver, British Columbia**
Construction Manager (2IC) of a major USD 1.15 billion mining construction project located in the northeastern part of Columbia for Carbones del Cerrejon Ltd. (a consortium of BHP Billiton plc, Anglo American plc and Xstrata plc). This chiefly comprised in increasing the annual production capacity of an existing coal mine from 32 MTPY to 40 MTPY by building a new ship loading facility at Puerto Bolivar as well as new infrastructure at the minesite and the upgrading of the railroad.
- **HATCH Ltd. of Mississauga, Ontario**
Site Manager of a major USD 650 million mining construction project located in Moa, Cuba, for the Moa Joint Venture (Sherritt International Corp. and its Cuban partner General Nickel Company S.A.). This consisted mainly in increasing the annual production capacity of an existing nickel and cobalt hydrometallurgical process plant by 13,000 tonnes of finished products.

- **Sandwell Engineering Inc. (Ausenco) of Vancouver, British Columbia**
Analysis of a USD 50 million construction claim for Peru LNG, a major USD 3.8 billion liquefied natural gas plant construction project located in Peru, whose majority owner is Hunt Oil Company of Dallas, Texas. This claim was related to the construction of the marine terminal and loading facilities.
 - **Sandwell Engineering Inc. of Vancouver, British Columbia**
Project Manager of a CAD 20 million heavy civil construction project located in Vancouver, B.C., for Metro Vancouver (GVRD), consisting primarily in the installation of 3,010 meters of a 1829 mm diameter potable steel water pipe, two buried cast-in-place concrete line valve chambers and two tunnels of 2,184 mm in diameter.
 - **SEBJ (Hydro Quebec) of Montreal, Quebec**
Construction claim analysis for the Eastmain 1 hydroelectric construction project located in the James Bay area of Quebec.
 - **Merit Consultants International Inc. of Vancouver, British Columbia**
Review of a construction schedule for a gold mill expansion project located in Brazil.
 - **Agnico-Eagle Mines Ltd. of Toronto, Ontario**
Responsible for a pre-feasibility study on the Pinos Altos property, located in the Chihuahua State of Mexico, assessing the viability of a combined open-pit and underground gold and silver operation.
- 2004 - 2005 **SEBJ (Hydro Quebec) of Montreal, Quebec**
- *Senior Manager of the Claims Department, “Eastmain-1Project”*
Responsible for several construction claims, ranging from CAD 35 million to CAD 85 million, as part of a major CAD 800 million hydroelectric construction project (480 MW), located in the James Bay area of Quebec.
- 2003 **Skanska-Chant Joint Venture of Vancouver, British Columbia**
- *Consultant, “Brilliant Expansion Project”*
Planning and detailed engineering of a CAD 200 million construction project which concerned specifically the open-cut rock excavation work of the powerhouse, intake and tailrace channels as well as the underground excavation of the main power tunnel and an associated access service tunnel for a 120 MW hydroelectric power project located near Castlegar in British Columbia.
- 2001 - 2002 **SNC Lavalin International Inc. (Socodex Division,) Montreal, Quebec**
- *Project Manager, “Oued Chiffa Project”*
Responsible for a CAD 70 million water diversion construction project located in Algeria. This chiefly consisted in the rehabilitation and completion of an existing 12.5 km tunnel and an 80 metres long concrete dam as well as the construction of an earth dam as part of an irrigation project.

1989 - 2001

Independent Mining and Civil Consultant:

List of major assignments and clients:

- **Cia. de Minas Buenaventura S.A. of Lima, Peru**
 - Construction management of a major underground silver and base metals development project at the Uchucchacua Mine, pertaining to the completion of the main mine infrastructures (120 Level, ramps and pump station) as part of a USD 55 million expansion program increasing production capacity from 1,200 to 2,000 TPD.
 - Technical and operating evaluation of four existing underground precious (gold, silver) and base metals mining operations located in Peru.

- **Bul River Mineral Corp. of Calgary, Alberta**

Project/Construction Manager of a major underground gold and copper development project located in the Cranbrook area of B.C., mainly consisting of collaring a 12' x 16' decline as well as establishing all surface infrastructures (building, haulage road, power lines, etc.)

- **MacMillan Bloedel Ltd. of Vancouver, British Columbia**

Contract administration and construction co-ordination of two upgrading projects for a pulp and paper mill at their Powell River Division on the Sunshine Coast area of B.C.

- **Midnight Mining Company Ltd. of Vancouver, British Columbia**

Project Manager of an underground gold exploration project located in the Rossland area of B.C., involving the collection of a 10,000 tonnes bulk sample.

- **Janod Ltd. of Montreal, Quebec**

Construction Manager of a CAD 2 million steel-lined tunnel in surface rock, being part of a municipal water and sewer utilities project.

- **Alex MacIntyre & Associates Ltd. of Kirkland Lake Ontario**
 - Manager of Operations of a CAD 30 million underground development project at the Birchtree Mine, located in Thompson, Manitoba, owned by Inco Ltd., with a workforce peak of 85 employees.
 - Estimating and tendering of several significant underground mining projects located in Canada, ranging from CAD 30 million to CAD 75 million.

- **Spino Construction Cie Ltd of Montreal, Quebec**

Management and engineering of a CAD 55 million construction project, consisting of the penstocks excavation and concreting as well as the powerhouse and intake detailed excavation for a hydroelectric power project, located in the James Bay area of Quebec.

- **Gestion Corpomin Inc. of Montreal, Quebec**

Pre-feasibility study on the Grevet M deposit (copper, zinc), located in the northeastern area of Quebec, which was subsequently brought into production

in 1994 as the Gonzague Langlois Mine by Cambior Inc. of Montreal, as a 2,500 TPD underground operation for a total capital cost of CAD 225 million.

- 1986 - 1989 **Camchib Mines Inc., Chibougamau, Quebec**
- *Assistant Development Superintendent*, 1988 to 1989
 - *Senior mining Engineer*, 1986 to 1988
- Responsibilities included all the engineering work of three operating divisions using shrinkage, cut & fill and blasthole stoping methods as well managing all special projects, most notably, a CAD 40 million underground expansion project consisting chiefly of the deepening a production shaft combined with the installation of a new headframe, bin house, and the upgrading of a hoist
- 1984 - 1986 **Ross & Finlay Ltd (Mining Contractors), Val d'Or, Quebec**
- *Mine Supervisor*
- Involved in several underground track and trackless mine development projects as well as with mine operations using shrinkage stoping, throughout the northwestern area of Quebec and the northeastern area of Ontario.
- 1983 - 1984 **Noranda Inc. (Matagami Division), Matagami, Quebec**
- *Junior Metallurgist*
- Carried out several projects and studies with respects to every stage of a 3,000 TPD copper and zinc concentrator.

Professional Associations:

- Member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia
- Member of the Canadian Institute of Mining and Metallurgy