

EXPERIENCE

1998 TO PRESENT

Principal, Pearse Western Consultants Ltd.

- Evaluation of process options for small scale tar sands facilities,
- Manager of Metallurgy during the development phase of a 50 000 t/y acid pressure leach lateritic nickel mine and refinery in Cuba, \$US 1.4 billion,
- Technical consultant in the development of nickel laterite processing facilities in Cuba and the Philippines,
- Technical Manager for process development of cereal grain fractionating and renewable fuels production, and
- Conduct of investor due diligence and R&D program evaluations in project development using a proprietary risk management model

PAST EXPERIENCE

30 years of experience in Canada and offshore have included:

- Technology manager in the development of processes for tar sands as well as coal and heavy oil upgrading; two patents are held in this field,
- Project technical manager for several international base metals hydrometallurgical projects,
- Partner and Vice President Technology in the development of three commercial cereal fractionating plants supplying ingredients to the food, fuel, pharmaceutical, cosmetics, and feedlot industries,
- Vice President Research and other management positions in several major Canadian R&D organizations,
- Establishment and management of a solids pipeline R&D facility,
- Production supervision in hydrometallurgical refining and base metals milling operations, and
- Military officer in a tactical communications unit.

EDUCATION

- BSc, MSc, (Queen's University, Canada) and PhD (University of New South Wales, Australia) in Chemical Engineering
- Graduate Banff School of Advanced Management