

## **Summary of Technical Experience**

### **Andrew Botfield**

*Mr. Andrew Botfield, Ph.D., has over 13 years experience as a geochemist and contaminated site technical specialist. His core technical strengths are in relation to characterization of mine and industrial waste materials, predictive hydro-geochemical modeling and all stages of contaminated site investigation and remediation, including project management of remediation civil works. In relation to mine closure and rehabilitation planning, he has authored both conceptual and detailed mine closure plans (including remedial options appraisal and cost estimates) for several large scale complex sites and developed many geochemical models to predict long term water quality of lakes and discharge areas to inform rehabilitation strategies.*

### **Adriana Lafleur**

*Ms. Adriana Lafleur, M.Sc., P.Geo. is a Geologist and Environmental Geoscientist, with more than 30 years of experience in a variety of environmental projects. Environmental Team Leader for Engineering Procurement and Construction Management (EPCM) projects, nationally and internationally, including elaboration of environmental design criteria, environmental protection and management plans and assuring overall project co-ordination of the Environmental team for multi-disciplinary studies in Canada, Colombia, Dominican Republic, Mexico, Peru, Venezuela, and Saudi Arabia, following the local and international regulations. Ms. Lafleur prepared several Closure Plans considering water and wastewater management for the facilities of major projects like Musselwhite Mine for Goldcorp, Ontario; Falcondo Mine in Dominican Republic for Xstrata Nickel, the potash Jansen Project in Saskatchewan, Canada for BHP Billiton. She was the Environmental Team Leader for the Study for the Guarani Aquifer System, including, surface water and groundwater sampling, water quality analysis and Hydrogeochemistry assessment, Isotopy of water samples and Geology, Geophysics, Hydrogeology of the aquifer in Argentina, Uruguay, Brazil and Paraguay.*