

Environmental and Mine Closure Monitoring Programs

- > Soil/Waste Rock Conditions (Temperature, Water Content, Suction, Pore-Gas);*
- > Meteorology;*
- > Surface Runoff;*
- > Interflow or Lateral Subsurface Drainage;*
- > Net Percolation (lysimeters);*
- > Internal Waste Rock Dump Conditions (Temperature, Water Content, Suction, Pore-Gas);*
- > Pore-Gas and Flux;*
- > Tailings Dewatering (Solids Content and Shear Strength Development);*
- > Actual Evapotranspiration;*
- > Field Permeability Assessments;*
- > Monitoring Bore and Stream Water Quality;*
- > Rehabilitation Monitoring;*
- > Rehabilitation Certification;*
- > Plant Health Assessments;*
- > Plant Root Depth Quantification;*
- > Vegetation Ecotoxicity Analysis*
- > Vegetation Surveys;*
- > Erosion and Landform Evolution Monitoring;*
- > Surface and Groundwater Compliance Monitoring;*
- > Field Validation Monitoring for Existing Models; and*
- > Snow Surveys, Snow Water Equivalence, and Watershed Water Balances.*