

## Behzad Haghighi, M.Sc, P.Eng., PMP Bio

Behzad has over 30 years of experience as a Civil/Structural Engineer. His experience includes a broad mix of project and functional management across a variety of sections including water and mining, oil/gas, wastewater, Municipal, and chemicals. As a Civil Engineering lead, he has accumulated substantive experience in the management of multi-discipline design teams and design-build project teams.

### Relevant Project Experience

#### Valentine for Marathon Gold, Newfoundland, Canada

**Role:** Project Manager, Civil Lead, **Scope:** Facilities detailed design, including earthworks, drainage, 82km access road, tailings/reclaim pipeline, assay lab, effluent treatment plant, substation, freshwater pipeline design.

#### Eskay Creek for Skeena Resources, British Columbia

**Role:** Civil Lead, **Scope:** Feasibility study and detailed design, including earthworks, drainage, access road, tailings/reclaim pipeline, haul roads, stockpiles, and freshwater pipeline design.

#### Argonaut Gold – Mine site development

**Role:** Senior Civil Design Engineer, **Scope:** Design of site grading including earth pads, access roads, haul roads, stormwater ponds, and ditches. Drainage calculations, site surveys (topographic and underground scan), geotechnical investigation.

#### York Region RTC

**Role:** Technical Adviser and Construction Supervisor, **Scope:** Civil technical Adviser for York Region highway extension projects.

#### Magino for Argonaut Gold Mine, Ontario

**Role:** Lead, Civil and Infrastructure, **Scope:** Detailed design of engineering, including earthworks, stormwater management, haul road design, and truck maintenance facilities.

#### Aurora Magmeter Bypass Rehabilitation for York Region, Toronto

**Role:** Civil Engineer and Project Manager, **Scope:** Aurora Magmeter rehabilitation project for Region of York, sanitary trunk sewer and maintenance holes rehabilitation.

#### Mine Closure Works - Compania Minera Antamina – for Antamina Mine, Peru

**Role:** Project Manager and Design Engineer, **Scope:** Mine closure civil works, drainage, hydraulics structure and ET cover system.

#### Heap Leach Pad Drainage/ Attenuation for Carlota Mine for KGHM, Arizona

**Role:** Civil Engineer and Project Manager, **Scope:** Stormwater analyses and conceptual design of drainage systems, ditches, and attenuation ponds.

#### Portland Flood Protection and Infrastructure Enabling – Waterfront Toronto

**Role:** Lead Civil Engineer, **Scope:** Design of new alignment for Don River at Lake Ontario connection point including heavy earthworks, river engineering and environmental contaminants management.

#### Lynn Lake Project for Alamos Gold, Lynn Lake, North Manitoba

**Role:** Lead Civil and Infrastructure Engineer, **Scope:** Feasibility study, including earthworks, mine dewatering, storm water management, tailings management, truck maintenance facilities, water supply and water treatment

#### Hardrock for Greenstone Gold Mine, Geraldton, North Ontario

**Role:** Lead Civil and Infrastructure Engineer, **Scope:** Earthworks, stormwater management, tailings management, and truck maintenance facilities.

#### UMM Wu'al Sulphuric Acid & Power Plant - EPC for Maaden, Saudi Arabia

**Role:** Supervisor, **Scope:** Supervised and audited civil and infrastructure works; drainage, grading, plant roads, buried services, fire water system design and sewage collection.

#### Texas Clean Energy Project (TCEP) Power Plant and Co2 Capture for Summit, FEED Stage, USA

**Role:** Civil and Infrastructure Engineer, **Scope:** Design of civil and infrastructure works; railway, stormwater management, grading, roads, buried services, fire water system design, septic tanks, and sewage collection.

[Jansen Potash Plant Stage 1, BHP Billiton, Saskatchewan](#)

**Role:** Lead Civil Engineer, **Scope:** Civil infrastructure works; rail track loading loop, tailings storage facility, temporary construction camp, storm water management, grading, roads, buried services, pump stations, fire water, potable water, sewage treatment and water treatment plant.

**Other Projects**

- Clean Atmospheric Emissions Reduction (AER) Project for Vale, Sudbury, Ontario
- Mina de Cobre -EPCM Project, Minera Panama SA, Panama
- El Halassa, EPCM Phosphate project for OCP, Morocco
- Eagle Nest nickel plant for Noront in North Ontario, Feasibility Study
- Gordes Nickel, for Meta Nikel, Turkey - Workshare with SNC Lavalin, Romania
- Bald Mountain, for Barrick Gold US Inc, Nevada, USA
- KP-488 Potash Project for M&J Potash Corporation, Saskatchewan
- Rio Tinto Saskatchewan Potash for Rio Tinto, Saskatchewan
- Cortez Hills Project for Barrick Gold US Inc, Crescent Valley, Nevada, USA
- Potasio Rio Colorado (PRC) Potash Project for Vale, Mendoza Province, Argentina