



## Senior Project Engineer Job Description

Doc# SRPROJENG

Issue Date: September 2011

Revision # 001

**Position Title:** Senior Project Engineer

**Department:** Engineering / Operations

**Location:** Delta, B.C. or Toronto, ONT with occasional travel to project sites

**Reports To:** Vice President, Operations

### General Accountability:

Reporting to the VP, Operations, the Senior Project Engineer will be responsible for managing the day to day planning and engineering initiatives for the Thor Lake project. The majority of the projects will be focused on continuous development. The tasks include: identifying problems or opportunities that support the Thor Lake project and the operations. Manage the process of developing feasible solutions that solves the problem or allows for utilizing opportunities. Utilizing various engineering disciplines, manage the engineering process for selected solution Lead design reviews at various engineering stages. Manage the planning process for execution of the engineered solution.

### Primary Responsibilities:

- Develop, coordinate, and complete the NI 43-101 bankable feasibility study for the Thor Lake project.
- Develop and execute the operations projects with multiple project engineers and managers within the region including engineering, procurement, EPCM, owner's team, and external construction management consultants.
- Responsible for project functions included but not limited to Project Management, Site Management, Project Control Management, Engineering Management, Procurement, Construction Management, etc. are all coordinated and properly staffed to meet the project(s) goals.
- Ensure accurate and timely reporting standards are maintained throughout the project(s).
- Coordinate and communicate projects group as needed on major projects in the Region.
- Coordinate with regional and site management on status, significant trends and changes of approved projects.
- Establish the working relationship with operations management needed to facilitate the coordination and execution of project work, such that the operational impact is minimized.
- Ensure safety and QA/QC programs are established by all parties and maintained and conduct reviews of detailed design drawing and specifications.
- Monitor engineering progress against budget and forecasted schedule.
- Participate in and lead risk assessments and actively manage the risks of the projects and the business.
- Prepare project estimates, budget, schedules and execution plans.
- Preparing the engineering budget, project schedules and project control budgets for mechanical projects.
- Prepare and submit reports on the progress and status of the project
- Maintain effective and on-going communications with construction and contractor management teams
- Assist with project QA/QC and commissioning systems and documentation.
- Perform other project engineering and project management related duties.



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### Education and Experience

- B.S. degree in Engineering and 10 years project engineering, management experience or equivalent combination of training and experience are necessary.
- Registered or eligible for registration with a recognized professional association (P.Eng.);
- 10+ years of mining experience in operations, engineering and project evaluation;
- Strong track record of successfully completed projects in the mining industry;
- Experience in underground mine design and development;
- Experience in capital project management from \$10M to \$100M a plus;
- Familiar with mine planning software such as Minesight, AutoCAD or other mine development software;
- Strong knowledge of Safety and Environmental Regulations;
- Knowledge of NI 43-101 and the ability to sign off on mineral reserves as a qualified person;

### Core Competencies:

- Demonstrated commitment to safe working practices;
- Ability to effectively delegate while maintaining forward motion on key deliverables;
- Proven team player skills with ability to build and maintain internal and external relationships;;
- Strong written and verbal communication skills, excellent business and technical writing;
- Strong organizational, interpersonal, problem solving and analytical skills;
- Ability to work independently with minimal supervision;
- Strong mentoring, training and coaching to junior colleagues.
- Comfortable and Capable of Leading Teams;
- Capable of Managing Multiple Projects;
- Capable of reading drawings and schematics;
- Proficient in Microsoft Office suite