

Kevin Leblond

Skills and Certification History

- Project Management/Supervision
- Construction Coordination/Management
- Bilingual French and English
- Welding/Fabrication Management Experience
- Health and Safety Policy and Legislation
- Scaffolding, Hoisting and Rigging Knowledge
- Reinforced Concrete Design (ACI Concrete Testing Certificate)
- 3D Scanning and Additive Manufacturing
- First Aid & CPR
- Experienced with LiDAR and Photogrammetry
- Owner operator of ProMaps
- Autodesk AutoCAD, Civil 3D, Inventor, Revit
- Tendering, Procurement and Purchasing
- Project Estimating
- Multidisciplinary Design (Infrastructure, Mechanical Equipment and Structural)
- Skilled in Surveying Methods
- RPAS/UAV (Drone) Mapping and Surveying (Pilot Certification Registered with Transport Canada)
- Business Development & Marketing

Work Experience

ProMaps

President

Civil Engineering Technologist & Mechanical Engineering Technician

January 2017 to Present

Developed and opened a small Engineering Tech. services business. The business provides a variety of services such as design, drafting, construction management/coordination and civil / topographic surveying. The business is targeted towards industrial and commercial clients, providing primarily construction supervision and management of large-scale projects. Providing civil RTK / PPK GPS surveying and UAV surveys delivered in a timely fashion and using an in-house online platform to provide a quick and easy means for clients to view project drawings / surveys and project progression.

Glencore Kidd Operations

Project Lead / Project Field Coordinator

Civil / Mechanical Tech. – Glencore Kidd Metallurgical Site Timmins

May 2019 to 2021

Provided project management, coordination, supervision and design / drafting for a variety of projects. Worked with contractors and Kidd Operations in order to assure zero harm, quality of work, delivery on schedule and according to project budgets.

Assigned to several emergency / critical projects such as;

- **2020 Rail Culvert Failure:** (3) 16'x120' culverts failed at a longitudinal seam (large diameter SPCSP culverts) causing the rail line to subside over 12". Over a very short period I had made a proposal to Kidd Operations management for several repair options, I completed a preliminary design for a steel reinforcing and shotcrete repair strategy which was then detailed, reviewed and approved by Rivard Engineering. Within a week of assignment, I had mobilized Caron Equipment, Carman Construction, Dumas, Northern Rebar and EXP. The project was completed in approximately 6 weeks from assignment with zero harm while following all environmental legislation and best practices. Operations downtime was reduced as much as possible by coordinating a truck ore haul while the rail line was unavailable. Total cost of the project was approximately \$1 300 000 whereas culvert replacement would have cost \$11m and required extensive permitting for re-alignment of the Porcupine River and additional rail downtime.

- **2019 and 2021 Structure Asset Management Plans:** coordinating engineering resources to assess the condition of infrastructure constructed in 1966 (Timmins concentrator site) and plan and repair deficiencies in the order of priority. Closely managing the project to assure the best value is presented for a constrained budget. Manage external and embedded contractors to repair structural deficiencies to assure infrastructure safety and make sustaining capital investments where best fit.
- **2021 Raw Waterline Rupture:** Located the failure region, coordinated with available resources acquired materials and quickly repaired the 30" diameter steel line with no downtime to the operation. Discovered the failure was likely caused by water hammer events due to damaged air valves along the 11km long water line, presently coordinating a repair plan to progressively repair the valves.

ProMaps

SWM Contracting Inc. – Estimator & Project Management

May 2017 to May 2019

Provided estimating services for large scale projects for clients such as; OPG, Tahoe, Goldcorp and others amounting to a total value of over 24 million dollars (26 projects). Also provided project management and technical support for projects such as; Timmins West mine substation, Gowest discharge weir and water treatment plant and others. Developed estimating tools to automatically calculate concrete forming and pouring costs based on material takeoff, these tools have dramatically improved the repeatability and delivery time of estimates and reduce the risk of errors. Also completed a variety of small design builds such as pH and level sensor brackets for Gowest WTP project and a variety of others.

ProMaps

DJB Mining – Estimator & Project Management

June 2018 to September 2018

Provided project estimates for the steel fabrication of shaft steel assemblies as well as various platforms for underground installation. Managed, planned and optimized the in-shop steel fabrication by generating material cut list and assembly lists. Created and enforced a quality control and assurance program that adhered to a variety of clients.

Northern College

Civil / Electrical Engineering Tech. Instructor – Survey & Electrical CAD. September 2017 to January 2019

Instructor for 1st year civil engineering tech. students teaching survey principals, horizontal and vertical control surveys, and how to effectively use a variety of survey instruments such as total stations, theodolites, optical and laser levels. Also taught the 3rd year electrical engineering tech. students electrical CAD by introducing the design of an emergency power generator installation and its associated drawings and specifications.

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**Civil Engineering Technologist & Mechanical Engineering Technician
Mechanical Technician – North American Lithium**

September 2016 to February 2017

Participated in the re-commissioning of a lithium mine concentrator. Leading mechanical equipment inspections and coordinating contractors to correct observed equipment deficiencies. Providing contract management services and the necessary project planning to bring a variety of systems and equipment into an operable state.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

April 2013 to January 2017

Project management/coordination for a variety of projects in the area including supervision, estimation, procurement and construction management.

Design/drafting of industrial mechanical structures and equipment under the supervision of senior BBA mechanical engineering department staff, using software such as AutoCAD and SolidWorks.

Design/drafting of structural and civil works under the supervision of senior BBA Civil/Structural department staff using software such as Revit and AutoCAD.

Northern College

Millwright Apprentice Instructor – Rigging & Hoisting / Machine Tech. October 2015 to December 2015

Produced and delivered both the Rigging and Hoisting as well as the Machine Tech. courses to level 1 millwright apprentices. Provided the necessary knowledge for the students to perform their work safely and efficiently throughout their careers.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

Project Manager – MoCreebec Ecolodge Damage Prevention & Upgrades 2015 to 2016

Performed a detailed site investigation with Barry Martin at the Ecolodge hotel located in Moose Factory. Designed a cost effective method of reducing the cost of flooding restorations via a pumping system which will control the elevation of flooding to below the elevation of the present mechanical/electrical equipment while preventing the risk of foundation damage. Provided construction estimates for a variety of structural, architectural and electrical projects totaling over \$2,000,000. Developed a detailed report including estimates to be provided to the client in order to apply for funding.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

Project Coordinator/Technical Support – PHO Laboratory Generator 2015

Assisted in the design and writing of technical specifications for the selection of a new natural gas generator and its installation. Provided site support, coordination and technical support during the design, tender process, installation and commissioning.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

Engineering Consultant – Brookfield Renewable Energy Partners 2015

Provided engineering services for the 3 generating stations on the Magpie River near Wawa Ontario. Assisted in the necessary problem solving required to permanently repair leaky runner oil seals and seizing operating ring linkages.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

Project Coordinator - Detour Gold Corp. 2014

Field engineering support for both the Cyanide Detox Expansion and the Oxygen Plant Expansion projects. Provided construction supervision, procurement, construction management and planning services. Managed contractors and solved design/construction problems on site to adhere to strict schedules and budgets. Participated in the design phase of the Oxygen Plant Expansion project by exploring several design concepts and preparing detailed cost estimates to review their feasibility and cost effectiveness.

BBA Engineering

Civil Engineering Technologist & Mechanical Engineering Technician

Designer/Draftsman – Resolute Forest Products Iroquois Falls 2014

Provided design and drafting services for a variety of mechanical systems including steam piping, spray bars and reagent pumping and delivery systems.

CMA Engineering
Civil Engineering Technologist

July 2012 to September 2012

Design/drafting of a large variety of mining industry projects such as the design of a grizzly, ore pass/press gate, crusher and crane foundations. Also produced the preliminary design for the large reinforced concrete foundations supporting a 100 Ton overhead crane. Performed structural calculations for multiple projects and interpreted survey data for the layout of foundations.

EDS World Wide Decommissioning
Technical Support

July 2011 to September 2011

Project to disassemble the Grant OSB mill in Timmins, Ontario and ship the equipment to Russia. Planned equipment disassembly and packaging. Wrote and performed work site orientations for subcontractors and new employees, managed several work crews, writing work procedures and writing reports.

RLP/CMS
Welder

September 2009 to September 2010

Shop fabrication of pre-fabricated steel structure buildings. Field work for a variety of projects such as Kidd Mine grizzly repairs/modification, erection of multiple steel structures. Welding to CWB code and design specifications. Operation of CNC plasma cutter and also bidding projects.

Steeltec
Welder

2009

DeBeers Mine shutdowns, modified apron feeder, grizzly, rock box, crusher hood and performed maintenance on various conveyor systems and mechanical components of the process plant. Wrote reports describing future maintenance needs of the plant as well as suggesting modifications to improve the durability of components.

Education and Training

Northern College of Applied Arts and Technology

- Mechanical Engineering Technician (Diploma with Honours) 2013

Northern College of Applied Arts and Technology

- Civil Engineering Technologist (Diploma with Honours) 2012

Northern College of Applied Arts and Technology

- Welder Level 1 2008

Timmins High and Vocational School

- Ontario Secondary School Diploma 2009
- Specialist High Skills Major

References

Available upon request.