Service Offerings

Architectural

- Surface facilities
 - · Offices
 - Warehouses
 - · Shops/garages
 - Compressor houses
 - Security buildingsCore logging buildings
 - Refuge stations
- Roof replacements
- Office/building renovations
- Facade replacements
- Ontario building code reviews

Civil

- Site plans
- Road network design, including haul roads
- Site traffic planning
- Condition assessments
- Pumping stations
- Site process water and storage tanks
- Stormwater management
- Grading, backfill, culverts and ditching
- Buried infrastructure and underground services
- Tailings infrastructure

Electrical/Instrumentation

- Process controls
- Power system analysis
- · Short circuit studies
 - Protective device evaluations and coordination studies
 - Arc flash studies
- Power distribution
- Switchrooms
- Grounding
- Fire alarm systems
- Energy management
- Communications systems
- Substations
- Overhead utility lines
- Backup power (UPS, generators)

Platinum

Lighting

- Cabinet design
- Functional descriptions
- PLC/DCS programming
- Underground systems
 - Leaky feeder
 - Central blasting
 - TelephoneVideo
 - · Fibre
 - · Shaft cables

Mechanical

- Slurry pumping
- Process piping
- Heating and power plants
- Cogeneration and renewable energy
- Tanks and vessels
- Cooling towers, boilers, etc.
- Belt and screw conveyors
- Chutes and bins
- Equipment specifications
- Building HVAC systems
- Dust collection
- Plumbing and fire protection

Mining

- Maintenance engineering
- · Hoisting plants, including headframes
- Shaft maintenance modifications
- Underground and surface material handling
- Systems (crushing, conveying, and screening)
- Loading pockets
- Mine wastewater treatment
- Ore pass modifications
- Ventilation
- Dewatering
- Mine longitudinals

Project Management

- Project conceptualization
- Business case development
- Multidisciplinary detailed design



- FEL studies and engineering reports
- Post-issued for construction (PIFC) services
 - Tender assistance
 - Shop drawing review
 - Construction support
 - Commissioning plans, checklists, and field support
- General conformance reviews
- As-constructed drawings
- Estimating
- Scope, time, and cost management
- Quality assurance
- Nontraditional project delivery

Structural

- Condition assessments
- Equipment access platforms
- Bridge design
- Cranes and lifting devices
- Conveyor galleries

Foundation design

Demolition plans

Concrete dam

• Building structural modifications

Water/Wastewater Treatment

Environmental assessments and

Condition assessments

Optimization studies

(water and sewer)

treatment systems

Capital and operating costs

master plans

Background studies and investigations

Hydraulic stress testing and modeling

Conceptual and detailed design for

upgrades and greenfield facilities

Potable and process water supply and

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Concrete vessels, retaining walls, etc.

Equipment support structures



Mining & Mineral Processing Infrastructure

Service Offerings

Architecture Civil Engineering Electrical Engineering Energy Systems Engineering Environmental Engineering Mechanical Engineering Planning Project Management Structural Engineering

Talk to us today

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Connect with us







