



**MIDLAND**  
GEOTECHNICAL LTD.

A Subsidiary of   
Metro Testing Laboratories Ltd.

## MIDLAND GEOTECHNICAL LTD.

Midland Geotechnical Ltd. (Midland) provides consulting services with a staff consisting of Professional engineers/geoscientists, technologists and technicians in the fields of geotechnical engineering, environmental, geoscience and construction materials testing. As part of the Metro Group of Companies (Metro), we have access to over 150 Professional engineers, technologists and technicians servicing British Columbia and Alberta's construction industry from eleven regional offices that offer the following services:

### GEOTECHNICAL ENGINEERING & ENGINEERING GEOLOGY SERVICES

- Geotechnical land use planning & feasibility assessments
- Foundation design
- Pavement design
- Soft soils / earthworks
- Slope stability & embankment design
- Geotechnical hazard assessments
- Erosion control design
- Trouble-shooting & failure investigation
- Vibration / blast monitoring



### ENVIRONMENTAL SERVICES

- Phase I Environmental Site Assessments
- Phase II Environmental Site Assessments
- Detailed soil investigations
- Groundwater monitoring & sampling
- UST / AST tank decommissioning
- Soil corrosion rate evaluation
- (CEMP) Construction Environmental Management Plan
- Environmental monitoring

### GEOSCIENCE SERVICES

- Petrographic analysis
- Resource mapping
- Hydrogeology
- Testing & Evaluation of Building Stone, Rip Rap, & Road Aggregates



#5, 7439 – 49<sup>th</sup> Avenue Crescent, Red Deer, AB T4P 1X6  
Ph: (403) 346-1920 Fax: (403) 346-1912  
Toll-free: (855) 346-1920

Abbotsford Burnaby Dawson Creek Fort St. John Kelowna Red Deer (AB)  
Salmon Arm Squamish Surrey Vancouver Whistler

[www.metrotesting.ca](http://www.metrotesting.ca)

**GEO & ENVIRONMENTAL SERVICES**



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## MATERIALS CONSULTING ENGINEERING

- Troubleshooting & Failure Investigations
- Condition Assessments
- Project Management
- Repair Specifications
- Concrete & Shotcrete Inspection & Design
- Research & Development



## MATERIALS INSPECTION & TESTING

- Soils Compaction Testing
- Soils Laboratory Testing
- Concrete QC / QA Testing
- Asphalt QC / QA Testing
- Aggregates QC / QA, Prequalification Testing

## QUALITY MANAGEMENT

- Quality Management Programs
- QA / QC Implementation
- QA / QC Plans
- QA / QC Managers
- QA / QC Audits



Metro Testing Laboratories Ltd. have certified CSA Category II Plus Additional Tests Testing and Inspection conform to CSA, ASTM and AASHTO Standards

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**CONSULTING & MATERIALS TESTING**