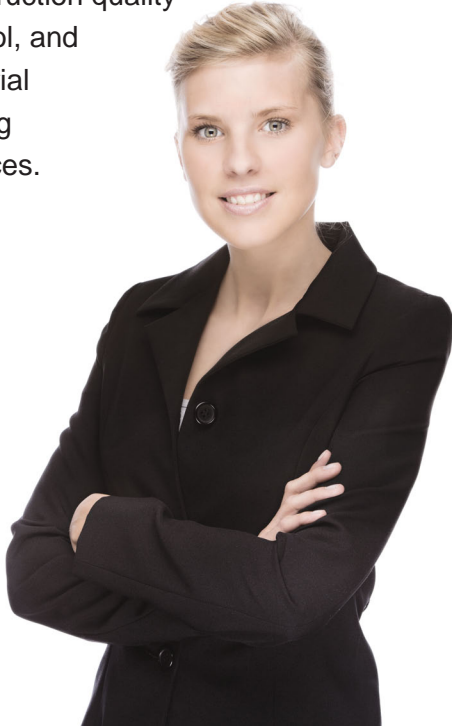


## Alpha Adroit

Your resource for success...  
...and we make it happen.

### Our Mission

To be the 'Excellence-Centered' provider of geotechnical engineering, construction quality control, and material testing services.



Our major goal is to serve the communities we operate in, go the extra miles to provide extra value for our clients, satisfy our staff with an enjoyable work environment, and produce the highest quality examples of the disciplines we represent.

### Our Motto:

Always excellent services,  
Always on time and on budget.

### Our Core Values

1. Safety First
2. Sincere Care for our People, Clients, Communities, and Environment
3. Innovation
4. Quality
5. Professionalism
6. Technical Excellence
7. Ethics and Integrity
8. Diversity and Teamwork
9. Accountability
10. Effective Communications



Alpha Adroit Engineering Ltd.  
10731-180 St., Edmonton, AB T5S 1G6  
Edmonton: 780-708-4110  
Calgary: 403-918-4110  
Vancouver: 778-322-4110  
Saskatoon: 306-881-4115  
[www.alphaadroit.ca](http://www.alphaadroit.ca)



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Geotechnical Engineering  
Construction Quality Control  
Material Testing

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**Better Solutions  
Right Away**



**Call us Toll Free  
1-844-4-Adroit**

## Geotechnical Engineering

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We provide a wide range of geotechnical engineering services for buildings, land developments, infrastructures, and other industries, including:

- Conducting site investigations, instrumentation, advanced and routine field and laboratory testing, numerical modeling, risk analysis, and construction inspection
- Geotechnical design and monitoring for shallow and deep foundations, retaining walls, embankments, excavations, engineered fills, ground improvements, pavements, retention ponds, sewage systems, flood diversion systems, buildings, roads, bridges, tank farms, towers, mining site support facilities, open-pits, dams, ports, pipelines, oil and gas facilities, drainage systems, and other infrastructures
- Analysis and control of landslides, groundwater seepage, frost heave, thaw instability, swelling, settlement, and liquefaction
- Senior and peer review of reports, construction QA/QC, and project management
- Forensic, preventive, and remedial geotechnical engineering



## Material Testing

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We provide services for:

- Accurate determination of representative in-situ material properties
- Proper selection and design of construction materials and their compliance with the design specifications
- Standard, advanced, and custom-designed field and laboratory tests for soils, rocks, aggregates, concrete, and asphalt
- Testing, review, mix design, and preparation of technical specifications for Portland cement concrete, grout, mortar, shotcrete, plastic concrete, soil-cement, lime-treated soil, fly-ash treated soil, RCC (Roller Compacted Concrete), zero slump concrete, and light-weight fills

## Construction Quality Control

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We provide construction Quality Assurance (QA) and Quality Control (QC) for concrete constructions, earthworks, and other geo-constructions to ensure the construction procedures and materials conform to the design specifications as well as to the proper construction practices. Some examples include:

- Monitoring utility line placement, site grading, and construction of embankments, engineered fills, excavations, and retaining walls
- Monitoring driving of steel piles and construction of concrete shafts, caissons, belled piles, Compacto piles, footings, and mat foundations
- Rebar and form inspection and testing of fresh and hardened concrete and shotcrete
- Pile load testing, plate load testing, and proof rolling
- Monitoring groundwater fluctuations, pore-water pressures, and seepage flow

Visit us  
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