



Quality Engineering | Valued Relationships



Laboratory Testing Services

Moisture Content Determination
Atterberg Limits
Grain Size Analysis
LA Abrasion
1-D Consolidation (Oedometer)
Hydraulic Conductivity Testing
Unconfined Compression Testing
Standard Proctor Testing
Sample Extruding and Visual Classification

Field Services

Nuclear Density Testing
Borrow/Quarry Inspections and Testing
Geotechnical Investigations
Instrumentation and Monitoring
Surveying

Laboratory Testing and Field Services

TREK Geotechnical Inc. (TREK) offers a full range of soil and aggregate testing services to our clients and is a vital service to our engineering operations. TREK also provides mobile lab testing services for remote projects and we have provided on-site mobile laboratories for several long-term projects. Our in-house engineering capabilities allows us to provide technical support to lab operations from engineering experts in the field of materials testing. Construction issues related to materials inevitably occur and our qualified staff can provide timely, on-site solutions. Our testing services focuses on quality following applicable standards and best practices.

TREK services includes quality control/quality assurance testing of aggregate materials, which includes field density testing, grain size analysis, and Standard Proctors of sub-grade and base courses for road construction, LA Abrasion among other tests. TREK also performs soil index testing and has advanced soil testing capabilities. Combined with our engineering field services, including geotechnical site investigations, soil samplings, and engineering inspections, we are capable of seeing a project from information gathering, design through to construction.

