



EQUS™ Geotech

Automate ♦ Standardize ♦ Centralize

Experience the power of EQUS Geotech! Modernize and automate geotechnical data management



EQUS Geotech extends the EQUS software suite and manages geotechnical and environmental data in a single enterprise solution. EQUS Geotech integrates mobile field data collection with EQUS Collect, efficient manual data entry (Web Forms), and laboratory and instrumentation Electronic Data Deliverables (EDDs). Furthermore, EQUS Geotech stores raw lab data, integrates with GIS/CAD applications to generate a wide array of configurable reports, and can connect to internal Enterprise Resource Planning (ERP) systems through a REST API. Numerous native EQUS data operations are directly integrated, including migration capabilities and visualization tools. EQUS Geotech improves data quality and streamlines project workflows for large-scale geotechnical data management.

EQUS Geotech Workflow



Project
Planning



Field
Activities
& Data
Collection



Boring
Log Data
Review



Lab
Assignments
& Testing



Instrument
Data



Analyze
Visualize
& Report

EQuIS Geotech Workflow

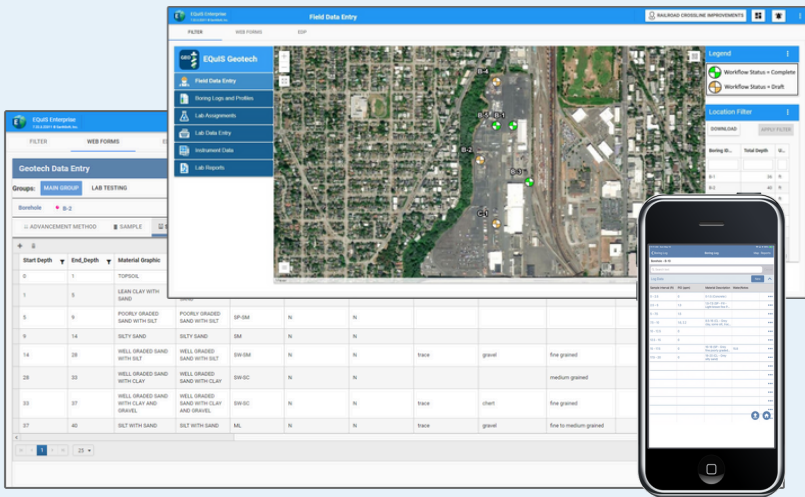
Project Planning

- Setup project information
- Project planning workflows include standard EQuIS project setup and optional connections to client applications using REST API
- Prepare exploration plans, including proposed boring locations, methods, and depths (etc.)
- Schedule and disseminate the exploration plan to the field crew



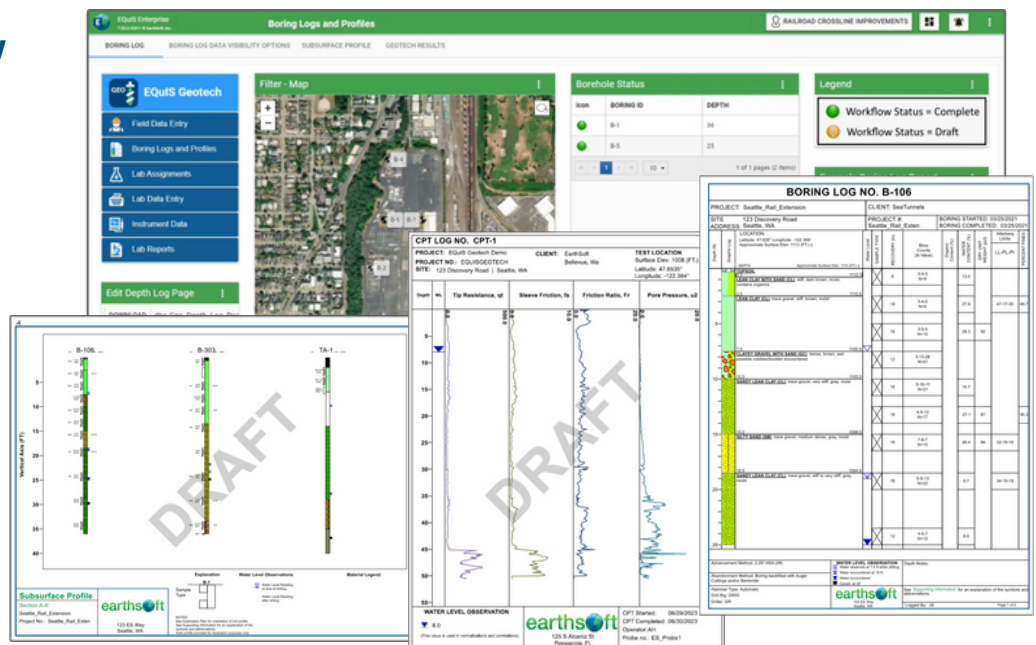
Field Activities & Data Collection

- Capture drill sample information on paper or with EQuIS Collect
- Field logs are entered into browser-based Web Forms, conforming to organizational data standards
- Load cone penetrometer test (CPT) and dilatometer test (DMT) data
- Web Forms are configurable for efficient data entry and various data types



Boring Log Data Review

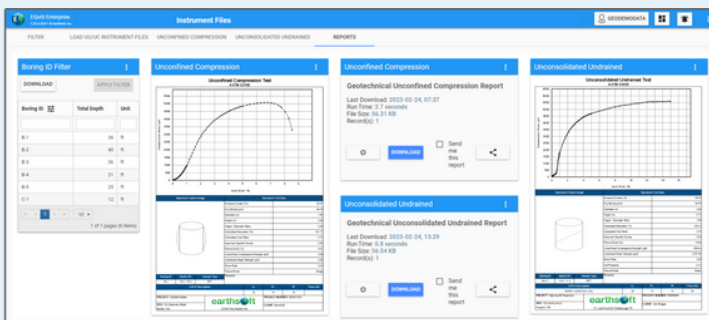
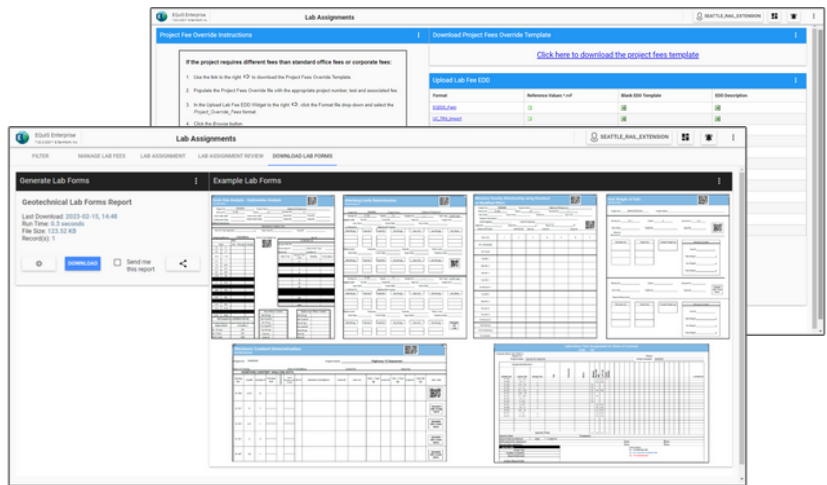
- Quickly generate soil boring logs and profiles, CPT logs, and DMT logs to review subsurface site conditions
- Map and grid-based filtering to review boring log data
- Review and modify data to reflect observed subsurface conditions



EQUS Geotech Workflow

Lab Assignments & Testing

- Assign required lab testing based on project requirements and observed field results
- Assign labs and associate corporate, regional office, or project lab fees
- Lab forms support electronic import or hand entry of lab results
- Store raw lab data and reporting calculations directly in EQUS Geotech
- Lab data review templates include Atterberg limit, grain size, water content, and more

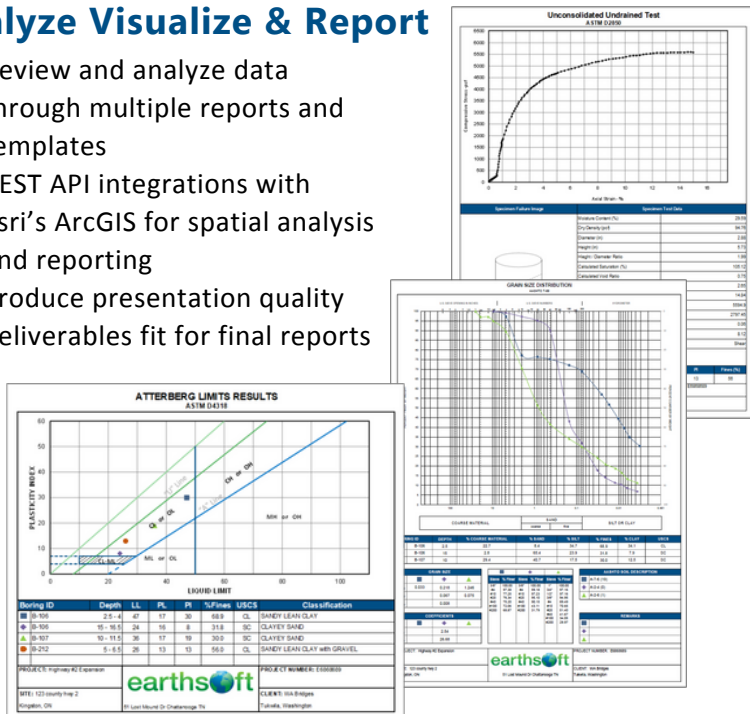


Instrument Data

- Batch load instrumentation data files using configurable data templates
- Review and report UU/UC and more

Analyze Visualize & Report

- Review and analyze data through multiple reports and templates
- REST API integrations with Esri's ArcGIS for spatial analysis and reporting
- Produce presentation quality deliverables fit for final reports



Standard Reports

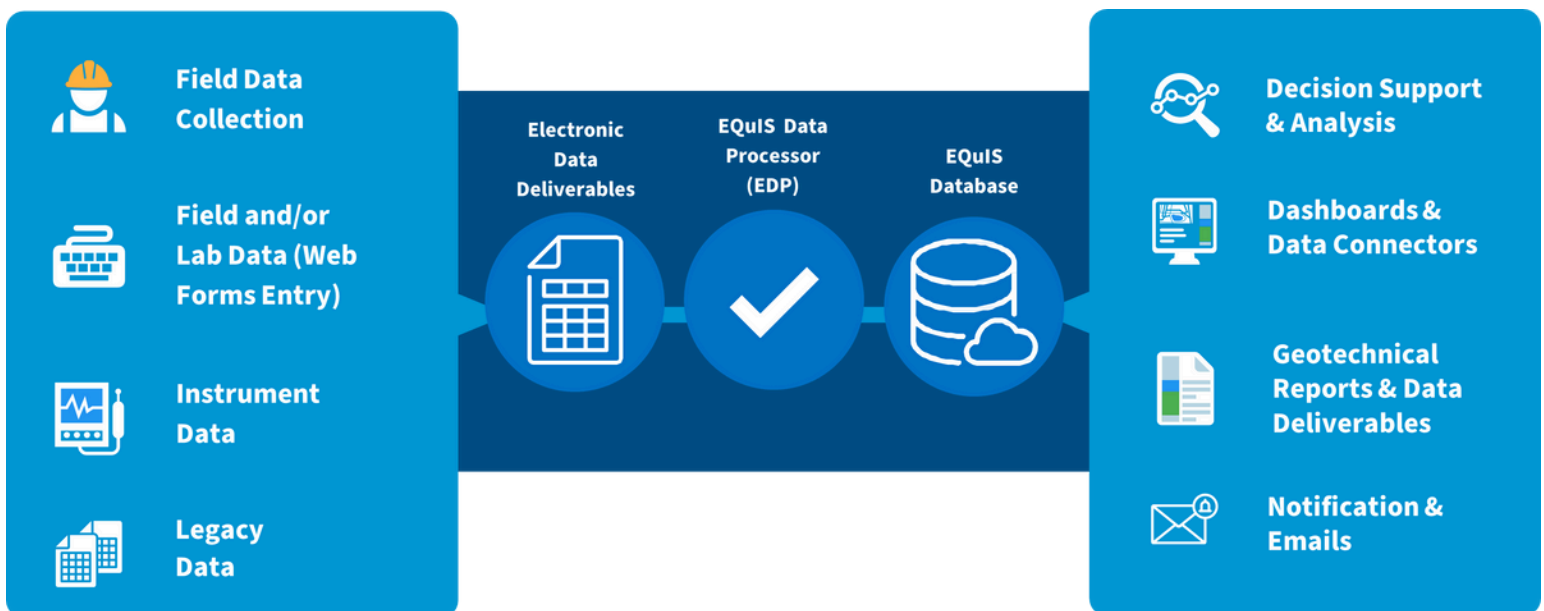
- Boring, CPT, and DMT Logs
- Subsurface Profile
- AGS 4 Export
- Atterberg Limits - ASTM D4318
- Particle Size Analysis - ASTM D422
- Sieve Analysis - ASTM D6913
- Hydrometer Analysis - ASTM D7928
- Unconfined Compression - ASTM D2166
- Unconsolidated Undrained - ASTM D2850
- Compaction - ASTM D698/D1557
- Grain Size Analysis - AASHTO T-88
- Geotechnical Lab Summary and Results
- Geotechnical Lab Forms
- gINT Export
- CAD Exports (DXF, DWG, DGN, etc.)
- and more....

Features

- ✓ Modular, scalable, repeatable workflows for multi-project portfolios
- ✓ Supports raw lab data and incorporates industry standard ASTM calculations
- ✓ Import/export EQUiS data in AGS 4 or DIGGS formats
- ✓ Produces industry standard geotechnical boring, CPT, and DMT logs
- ✓ Built-in reports designed to mimic industry standard formats
- ✓ Direct data entry workflows with Web Forms, EQUiS Collect Forms, or EDDs
- ✓ Open Systems Model – REST API supporting various third-party integrations

Benefits

- ✓ Scalable, supported enterprise geotechnical data management solution
- ✓ Easily generate boring logs from EQUiS EnviroInsite, Collect, Professional and Enterprise and in Esri ArcGIS Pro using ArcEQUiS
- ✓ Planned EQUiS release schedule keeping pace with newest technology standards
- ✓ Developed through collaboration with industry leaders
- ✓ Professionally designed SQL in EQUiS Schema
- ✓ 30+ years of EQUiS client-focused, worldwide support teams



Own the workflow, make better decisions

