

3D ANALYSIS FOR CIVIL AND ENVIRONMENTAL ENGINEERING

CAPABILITIES



Report Ready Figures

Create maps, fence diagrams, and cross sections faster than traditional methods



Quantitative Data Analysis

Statistically model laboratory data or response from screening tools to quantify subsurface impacts



Conceptual Site Models

Satisfy federal or state regulatory requirements for a conceptual site model



Powerful Presentation Materials

Visualize data in a way that clients, regulators, and project stakeholders can understand



Cross Platform Functionality

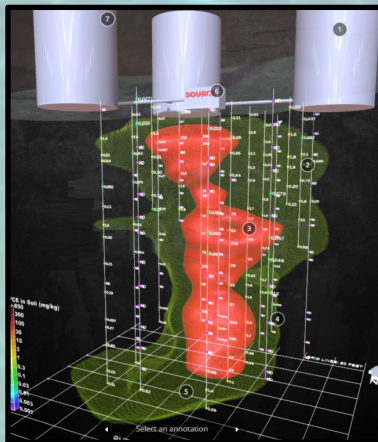
Import and export data as GIS shapefiles, AutoCAD DWGs, or Excel point clouds



Optimize Remedial Design

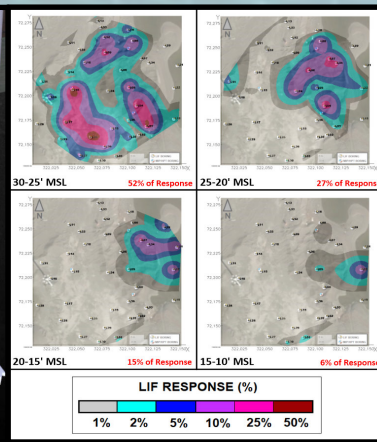
Estimate volumes of impacted soil, visualize excavation walls, and identify locations for amendment injection

DELIVERABLES



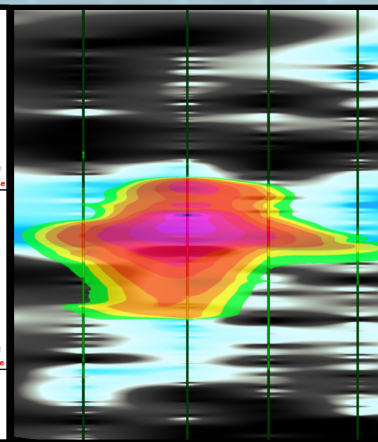
3D Deliverables

Web-based, interactive, and easy-to-use 3D visuals



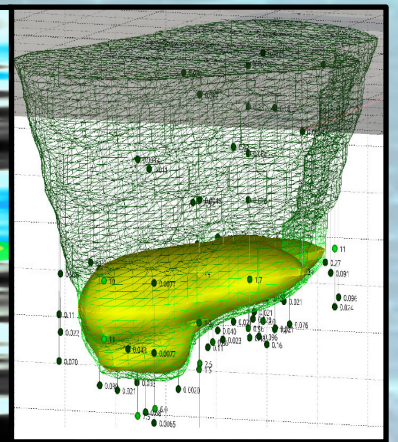
Plan View Maps

Footprints and isoconcentration maps at any elevation or depth



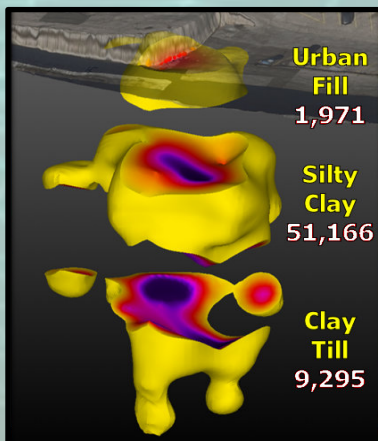
Cross Section Maps

Cross sections or fence diagrams through any transect



Excavation Plans

Calculated volumes of excavations with visualization of side walls



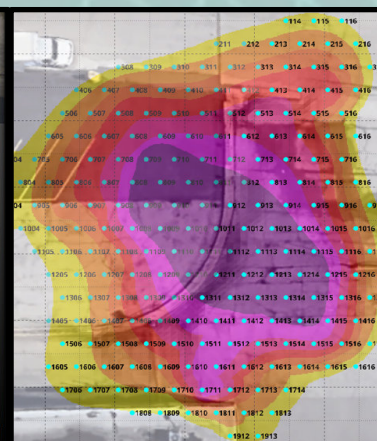
Urban Fill
1,971

Silty Clay
51,166

Clay Till
9,295

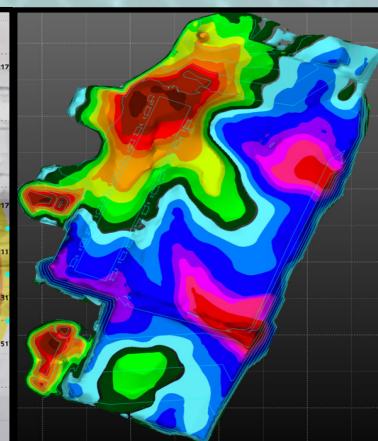
Mass Estimations

In-situ contaminant mass estimates from soil or groundwater laboratory analytical data



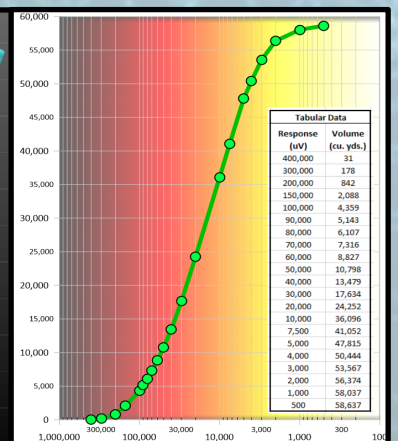
Injection Plans

Targeted plans defining injection well locations and depths



Cut and Fill

Mass balance calculations and visuals for earthmoving projects



Volume Calculations

Volumetric calculations of impacted soils, stockpiles, or storage for retention ponds

Free Price Quote
Or Demo



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ASSOCIATES

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