

THE UNDERSTANDING YOU NEED TO DECIDE WHAT'S NEXT.

Actionable data and expertise to prioritize sites, reduce uncertainty, and make informed project decisions.

Before you commit time, capital, and project resources, gain early visibility into site opportunities, constraints, and development risks. Stage1 combines predictive analytics, extensive geotechnical and environmental data, and Terracon expertise to support better site decisions.

Built on over six decades of historical site data and advanced predictive modeling, a Stage1 analysis provides early visibility into geotechnical and environmental considerations. When comparing multiple sites, you'll get actionable information to identify the location best positioned for successful, cost-effective development. For sites already selected, Stage1 helps you better understand opportunities, constraints, and design and planning considerations before moving forward.

Terracon STAGE1

Stage1@terracon.com

Predictive site data intelligence and expertise, Stage1 from Terracon.

Terracon.com/Stage1



Evaluate sites without revealing your plans

A Stage1 analysis gives you early insight without notifying landowners, negotiating access, or mobilizing field crews. Evaluate multiple sites side by side, maintain discretion, and reduce the likelihood of downstream surprises, scope changes, or costly delays – all with a fast, affordable analysis that fits early-stage decision timelines. Stage1 is ideal for cost-conscious economic development organizations (EDOs), real estate developers, and businesses evaluating sites for development.

Already selected a site?

Use a Stage1 analysis to guide your site design, production timeline, and budget.

Stage1 isn't just for site selection. Many customers request a Stage1 analysis to evaluate a site they've already selected and purchased. In this case, customers are seeking early insight into anticipated conditions, potential constraints, and development considerations before investing in additional exploration, design, or construction planning.



Fast, affordable
site intelligence, delivered
in about a week

Answers when you need them, powered by extensive data intelligence

By integrating Terracon's extensive geotechnical and environmental datasets with Pivvot's location intelligence and industry topographical data, a Stage1 analysis delivers predictive insights that support earlier, more informed site decisions.

More than **500 curated datasets, decades of soil borings, nationwide investigations, and expert engineering or environmental interpretation** come together in a single analysis–giving your team unmatched early visibility into potential site risks, considerations, and challenges.

Stage1 key insights include:

- Anticipated geotechnical conditions and regional soil behavior
- Preliminary indicators of environmental constraints, and subsurface and surface concerns
- Floodplain, groundwater, and geologic hazard indicators
- Natural and cultural resource considerations
- Threatened and endangered species indicators
- Preliminary design considerations and recommended next steps

Additional environmental and geotechnical data, layers, and insights can be requested.

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Insights on and below the surface – before you break ground

Terracon's data science team transforms decades of exploration data into practical site intelligence that helps project teams understand potential conditions before field exploration begins. Gain early visibility into potential conditions above and below the surface to support conceptual design, reduce unknowns, and streamline project conversations.

Virtual Soil Profile

A Stage1 analysis includes Terracon's exclusive Virtual Soil Profile (VSP), a predictive model of anticipated subsurface soil conditions that combines Terracon's historical soil boring logs, nationwide soil mapping, and environmental data. By providing data to your team, Terracon enables you to more effectively plan your project schedule and budget.

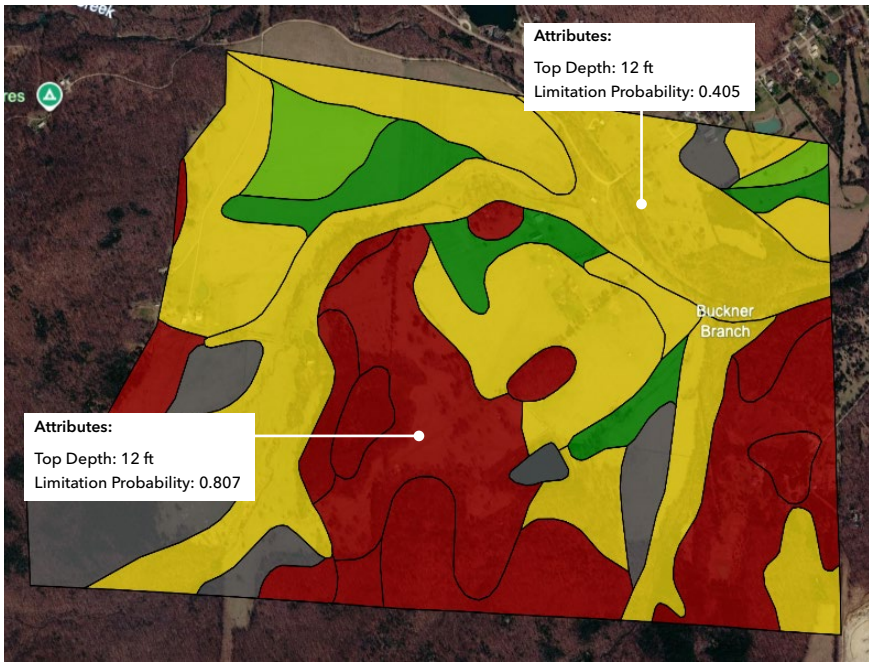


Image 2

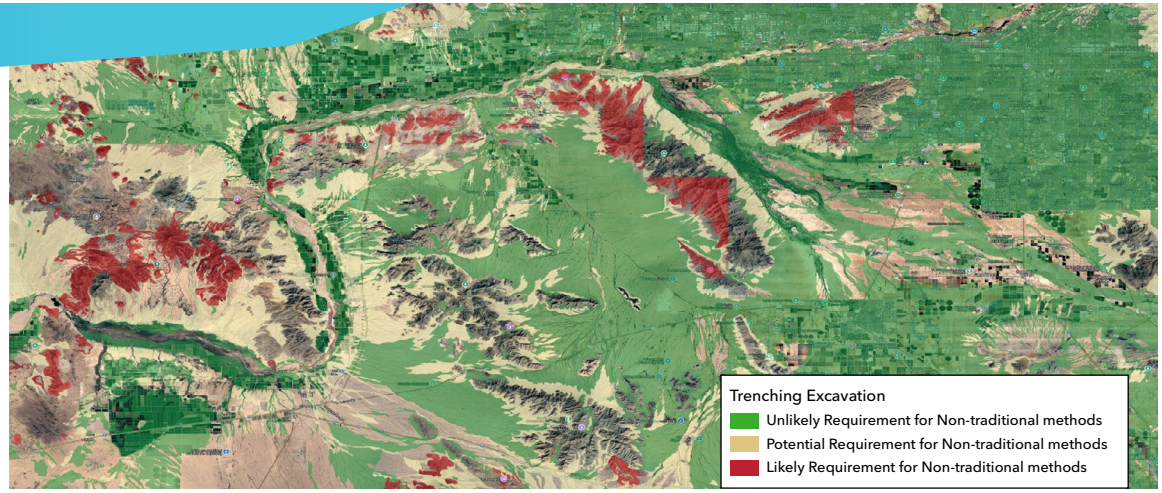


Image 1

Additional predictive geotechnical data available:

Limitations to Trench Excavation Layer *See Image 1*

Identify areas where traditional trench excavation methods may be challenging or unsuitable. As the excavation score rises, it is more likely that heavier equipment or different methods will be necessary during trench excavation. This layer evaluates soil density / cementation and the potential presence of rock, critical information for your **pipeline, transmission, or digital infrastructure** project.

Predictive Foundation Parameters



Stage1 analysis with Predictive Foundation Parameters (PFP) provides preliminary concepts for site development and conceptual foundation design parameters for use with L-Pile and/or MFAD, and construction considerations for the project structures within your energy transmission or digital infrastructure project, providing useful data to evaluate risk and budget constraints.

Solar Restrictive Layer *See Image 2*

Evaluate the likelihood that predrilling will be necessary for pile installation on solar projects. This layer considers soil type and density / cementation in addition to the potential presence of rock.

Additional **environmental and geotechnical** services may be available for your specific project. Contact the Stage1 client service team to learn more: **Stage1@terracon.com**.

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Smart Work Plan for your project's next steps

Each Stage1 analysis includes an easy-to-use report and Smart Work Plan tailored to your project's goals, with recommended next steps to confirm findings and expedite your project's development. Your dedicated client service specialist stays connected throughout the process, providing a consistent point of contact and quick turnaround.

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