

What is a Geoprobe® System?

Geoprobe® is a brand of high quality, hydraulically-powered machines that utilize both static force and percussion to advance sampling and logging tools into the subsurface. Geoprobe® machines carry the distinctions that set them apart:

INNOVATION, PRACTICALITY,
and
WORKMANSHIP.

It's never been easier to obtain subsurface information quickly and economically while leaving the site undisturbed.



Geoprobe® Systems

APPLICATIONS
IN
ENVIRONMENTAL
AND
GEOTECHNICAL
INVESTIGATIONS



CES INC
ENGINEERING • SURVEYING • PLANNING • SCIENCES

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Why is this method better than others?

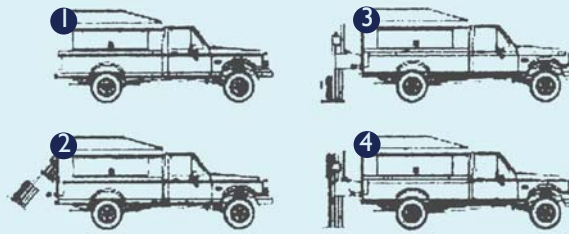
- Economical subsurface investigations
- Minimal disturbance to the ground surface
- No cuttings eliminates handling, containing, storing, sampling, analyzing, and disposing of potentially contaminated cuttings at environmental sites
- Compact and non-intrusive equipment
- Minimal physical and chemical disturbance assures a high degree of sample integrity and data quality
- Both probing and sampling is fast
- Minimal labor required
- Quick and economical mobilization
- Time and money saved compared to traditional methods



The Geoprobe® offers minimal impact to the area sampled

What are the applications of this tool?

- Environmental and geotechnical investigations
- Soil core, soil gas, and groundwater sampling
- Soil conductivity testing
- Contaminant logging
- Soil gas sampling
- Geotechnical assessments
- Installation of small diameter monitoring wells
- Grouting/materials injection



The on-site placement of our Geoprobe® model 5410

What Geoprobe® model does CES, Inc. own, and what are its capabilities?

We own and operate a Geoprobe® model 5410 mounted on a 4x4 Ford F350. Features include:

- 54 inch stroke
- Electronic Depth Indicator
- Two-speed Pull Cylinder
- 28,900 lb. pulling capacity
- 21,700 lb. downward force
- Rod Grip Pull Block
- GH42 Soil Probing Hammer
- Hydraulically-powered from the vehicle engine
- Hydraulic lateral movement for offset placement of probes
- Compatible with most Geoprobe® Tooling & Logging Equipment.
- Macro-Core Soil Sampler
- Screen Point 15 Groundwater Sampler
- Post-Run Tubing & Soil Gas Sampling Implants
- Geoprobe® Prepack Screen Wells

The Geoprobe® brand name refers to machines and tools engineered, manufactured and sold exclusively by Geoprobe® Systems in Salina, Kansas.

What services does CES, Inc. provide that could utilize this equipment?

- Phase II Environmental Site Assessment (ESA) *ASTM E 1903-97*
- Hazardous Waste Closure Investigations *Hazardous Waste Management Rules (06-096 CMR Chapter 691)*
- Subsurface Soil and Groundwater Sampling
- Underground Storage Tank (UST) Site Assessments and Leak Investigations *Rules for Underground Oil Storage Facilities (06-096 CMR Chapter 691)*
- Remedial Investigations *CERCLA*
- Site Investigations *RCRA*
- Site-Specific Investigations *Solid Waste Management Regulations (06-096 CMR Chapters 400-419)*
- Identification of Bedrock Depth
- Contamination Delineations
- Soil/Landfill Gas Investigations

Who should I contact?

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