

SONIC DRILLING SERVICES



Geoprobe® 8150LS ROTARY SONIC RIG

Full-Size Rotary Sonic Rig with 50K Dynamic Force

This full-size sonic rig delivers big sonic power to our customers. The 8150LS sonic rig advances 10-ft. tooling and has a 13-ft. 1-in. head travel and can continuously sample and set casing in excess of 300 ft. (90 m) in a wide range of formations.

- ◆ Drilling utilizing high frequency resonant energy
- ◆ Sample Quality – Near 100% recovery on every sample interval
- ◆ Speed 2-3 times faster over conventional systems
- ◆ Safer – Automatic Rod Loader, Pipe Indexing Racks, and Break-Out Wrench reduces risk of injury
- ◆ Vertical and angle capabilities to 45 degrees



- ◆ Flexibility – Sonic methods advance a temporary casing allowing additional tools to be utilized such as:
 - SPT Sampler for Geotechnical Needs
 - Wire Line Coring of Hard Rock Formations
 - Interval Water Sampling with DP60 Water Sampler
 - Logging Tools

TeamGFA.com
(800) 226-7522

**THE EXPERTISE YOU REQUIRE
FOR YOUR MOST
CHALLENGING
PROJECTS**

BIG SONIC POWER

Typical Uses Advantages:

- ◆ Geotechnical – continuous sample, sample difficult formations, large sample quantity, SPT values
- ◆ Environmental Drilling – Well installation up to 4” diameter
 - No drilling fluids
 - Interval water sampling with inflatable packer
 - Minimal spoils
- ◆ Inclinometer/Piezometer Installation
 - Minimal drill deviation – straightest drilling method in market
 - Cased borehole to allow any well construction
- ◆ Mineral Exploration
 - Fast advancement in overburden
 - Large sample for quantative analysis



GFA International brings decades of experience providing expert geotechnical solutions to complex projects of all sizes, whether public or private. The technical expertise of our team, our specialized training, our fleet of equipment and wide scope of capabilities has assisted our clients in finding solutions to difficult and complex challenges on a variety of projects.

GFA
has the expertise you require!

