



ChemTrack

PROVIDES IN-HOUSE GEOPROBE DRILLING SERVICES



Geoprobe, Model 6620DT Soil Probing/ Drilling Rig

- ⇒ Hydraulically powered soil probing unit
- ⇒ 35,000 lbs. hydraulic down force, increased to over 80,000 lbs. when using the **GH62 Hammer**

GH62 Hammer

This hammer hits at 1920 blows per minute (32Hz) and delivers forces greater than 80,000 lbs. per blow to the top end of the probe rod string.

The design of this hammer is the primary reason the Geoprobe system is so effective in frozen soil, permanent frost and tough clay conditions.

The hammer features bi-directional rotation for efficient pavement and concrete cutting. The integral rotation is also sufficient for light augering and turning in of screw anchors.

- ⇒ Greater than 47,000 lbs. pulling force
- ⇒ The 6620DT is mounted on rubber tracks and is operated by wireless remote control
- ⇒ The unit is equipped with a 54 HP fuel injected, Kubota turbo diesel engine
- ⇒ The engine is fitted with a Hydronic 4/5 12V, Diesel, engine heater for reliable operation in cold weather

Geoprobe Model GA3000 Two-Speed Auger Head

The two-speed auger incorporates a planetary final drive head with an rpm range of 0—155 rpm. On low speed the maximum torque is 3,000 ft. lbs. with a thrust rating of 5,000 lbs. On high speed the unit has a torque rating of 1,500 ft. lbs. with a thrusting rate of 5,000 lbs. Rotation is bi-directional.

Macro-Core MC5 Soil Sampling System

Produces a continuous soil sample encased in a 1-5/8" clear PVC tube. Samples available from top to bottom, or from discreet depths within the hole.

Soil Sampling

Geoprobe brand Dual Tube Sampling Systems are efficient methods of collecting continuous soil cores with the added benefit of a cased hole. Dual tube sampling uses two sets of probe rods to collect continuous soil cores. One set of rods is driven into the ground as an outer casing. These rods receive the driving force from the hammer and provide a sealed hole from which soil samples may be recovered without the threat of cross contamination. The second, smaller set of rods are placed inside the outer casing. The smaller rods hold a sample liner in place as the outer casing is driven one sampling interval. The small rods are then retracted to retrieve the filled liner.

Dual Tube Sampling Benefits

- Continuous coring for faster sampling in intervals over 20-feet
- Continuous coring in both saturated and unsaturated zones
- Cased hole eliminates cross contamination
- Optional solid drive tip seals system for driving to top of sampling interval or for split interval sampling.

FOR MORE INFORMATION PLEASE CONTACT:

ChemTrack Alaska, Inc. P. (907) 349-2511
11711 S. Gambell St. F. (907) 522-3150
Anchorage, AK 99515 E. info@chemtrack.net

www.chemtrack.net