

# Direct Push Analytical Corp.

## Geoprobe® 5400 Series

The Geoprobe® 5400 series is the standard vehicle utilized by Direct Push Analytical. These probes are mounted in Ford carrier vehicles and are available in two or four wheel drive models. This probe is a versatile and rugged probing machine designed for accomplishing the majority of our probing tasks.

The 5400 Series machines are equipped with the DT21 Dual Tube Sampling system. This tooling utilizes Geoprobe® 2.125 inch OD (1.50 inch ID) probe rods as an outer casing and 1.0 inch rods for the inner rod string. A DT21 cutting shoe is threaded into the leading end of the rod string. When driven into the subsurface, the cutting shoe shears a 1.125 inch OD soil core with 4 foot pushes which is collected inside the casing in a clear PETG liner. The DT21 system has the capabilities to install up to 1 inch traditional monitoring wells in the borehole after soil core collection. The DT21 system also has the capability to install 0.5 inch or 0.75 inch prepacked monitoring wells.

### Model 5400 Features:

- Supplies 14 tons of pull and 10.5 tons of downforce
- Hydraulic lateral swing for easy offset placement of probe
- Fuel capacity for a full day of operation under normal conditions
- Compatible with most Geoprobe® Tooling and Logging Equipment



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Corporate 877-372-1937