

## DIRECT SENSING — ELECTRICAL CONDUCTIVITY SERVICES



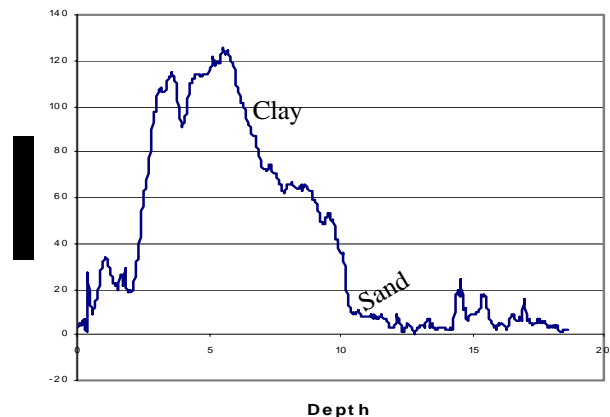
- Obtain rapid, accurate and reliable lithologic information
- Provide “Real-Time” displays of depth, conductivity, and speed
- Determine thickness and lateral extent of lithologic units
- Limited soil sampling required to confirm log response
- No drill cuttings
- Construct detailed geologic cross sections
- Locate appropriate lateral and vertical placement of wells
- Target zones for injection of HRC®, ORC®, etc.
- Conductivity readings collected every 0.05 ft

S<sub>2</sub>C<sub>2</sub> is equipped with Geoprobe’s SC500 EC probe, which was specifically designed for environmental direct-push applications. The SC500 is a 4 pole “Wenner” array type probe; current is passed through the soil from the outer contacts of this array, voltage is measured on the inner contacts.

### E-logging Applications

- Thickness of historic fill
- Depth to confining layers
- Determine preferential paythways for contaminate migration.

Soil Conductivity Log



*Expendable Dipole Probe is available for E-logging—Allowing for pressure grouting through the primary tool string*

All of S<sub>2</sub>C<sub>2</sub>'s direct-push units are capable of pushing the MIP®, FFD or Conductivity probes. Whether it requires a track mounted Geoprobe® 6620DT, a truck mounted Geoprobe® 6600 or 5410, or an ATV Bobcat® with Geoprobe®, S<sub>2</sub>C<sub>2</sub> has the experience and tools to finish the job on-time in a variety of site conditions.

For more information, contact Matthew Ruf at 908-253-3200, x16.