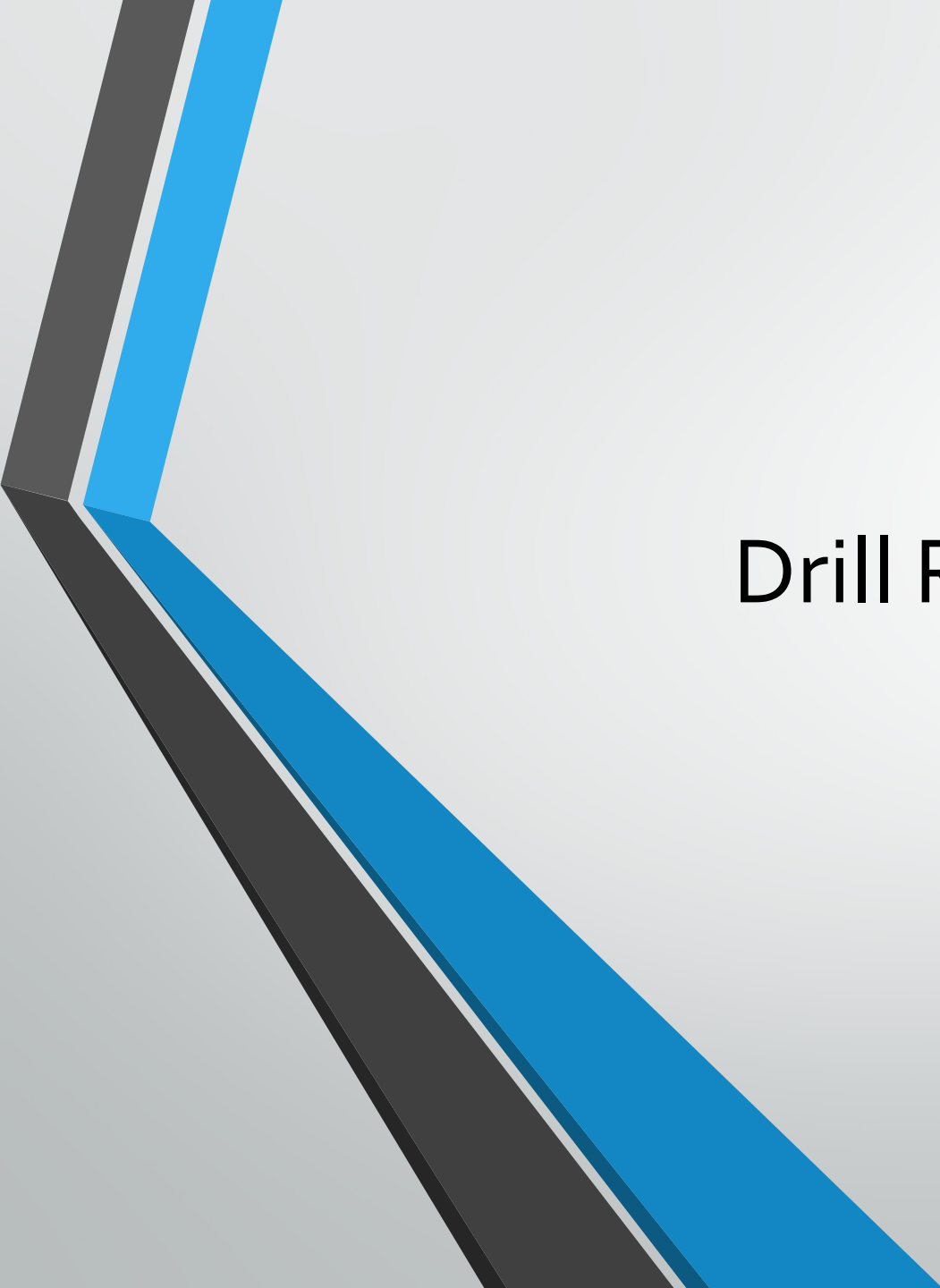




Drill Rigs, Soil Sampling, and Well Installation Methods

Tallahassee, FL | April 15-17, 2025

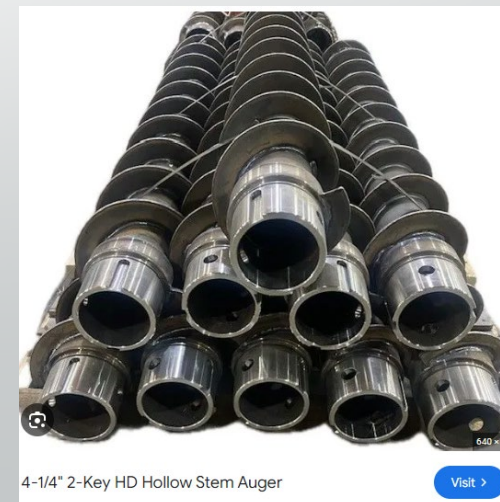
Types of Drill Rigs

- Truck Mounted Drill Rigs.
- Direct Push Technology (DPT) Rigs.
- Sonic Drill Rigs.



Traditional Truck Mounted Drill Rig

- Utilize Drill Rig Mobilizations.
 - Pay Items 3-9.a. and 3-10.a.
- Collects soil samples by Split Spoons.
 - Pay Items 5-1.a.1., 5-1.a.2., and 5-1.a.3.
- Drills by Hollow Stem Auger (HSA) or Mud Rotary (MR).
 - Pay Items 5-6 through 5-14.



Direct Push Technology (DPT) Rigs

- Utilize DPT Rig Mobilizations.
 - Pay Items 3-7.a. and 3-8.a.
- Collect soil samples via DPT or Split Spoon (if equipped).
 - Pay Items 5-1.a.1., 5-1.a.2., 5-1.a.3. or 5-3.a.
- Drills via DPT, HSA, MR.
 - Pay Items 5-3.a., 5-6. through 5-14.
- <https://www.youtube.com/watch?v=AyDvchbQksU>



Sonic Rigs

- Utilize Drill Rig and support vehicles (HSA, MR, or Sonic).
 - Pay Items 3-9.a. and 3-10.a.
- Collect soil samples via Sonic Cores.
 - Pay Items 5-1.b.
- Drills via a temporary casing and Sonic Drilling
 - Pay Items 5-15. through 5-23.
- <https://www.youtube.com/watch?v=vvST48weuok>



Well Installation Methods

- 1" Prepacked Wells installed via 3.75" Direct Push Rods
 - Utilize Pay Items 5-3.a., 6-1, and 22-1.
- 2" Through 6" Wells can be installed via HSA, MR, or Sonic.
 - DPT rigs can spin up to 10.25" OD HSA to install 6" Surface Casing.



Three Rigs in One | Geoprobe Systems® Mud Rotary Drill

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Underground storage tank investigation requires partially raised telescoping winch to install 2-inch prepack through 3.75-inch rod

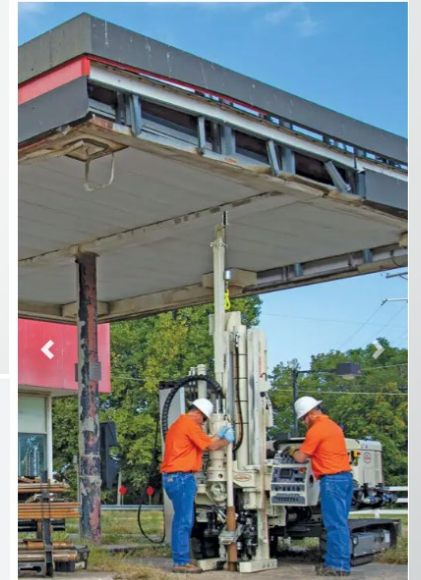
Well Installation Methods

- PVC Surface Casing are typically installed via HSA and remaining depth drilled via MR.
- Sonic drilling utilizes a temporary casing to install wells.



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THANK YOU

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