

Axle Logistics Knoxville, TN



Services Provided:

- **Subsurface exploration**—
soil test borings
rock coring
- **Laboratory Testing**—
sample evaluation
moisture content
Atterberg limits

This \$38 million project consists of the construction of an 85,000 sq. ft. building to serve as an expansion near the existing Axle Logistics Headquarters in downtown Knoxville.

ETS provided subsurface exploration services during the planning phase to determine the suitability of in-place soils for a proposed future construction development. The subsurface exploration was performed using drill rigs with hollow stem augers and split spoon sampling tubes. Rock coring was also performed after auger refusal was reached upon encountering competent rock at various depths. Samples were taken back to the lab to be examined and tested to determine moisture content, plasticity, etc.

The report for this project included a review of surface features, site conditions, geologic conditions, and subsurface soil conditions. ETS also provided recommendations for foundation preparation and site preparation.

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