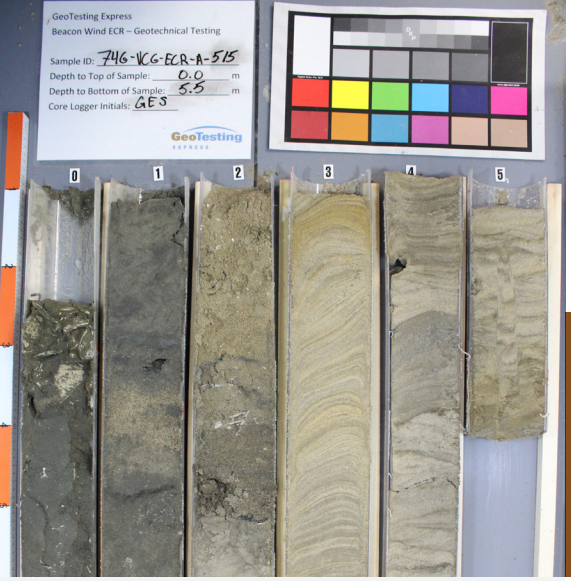

GeoTesting EXPRESS
A SERCEL COMPANY

PROJECT BRIEF

Beacon Wind Export Cable Route (ECR) Laboratory Testing Services

PROJECT PROFILE

CLIENT:
Haley & Aldrich, Inc.
MMT
Equinor

LOCATION:
Massachusetts (offshore)

BACKGROUND:
Equinor, together with BP, is developing Beacon Wind Offshore Massachusetts. When complete, Beacon Wind will provide 1,230 MW of reliable, renewable power to over a million households in the Northeast. Beacon Wind is planned for an area of 128,000 acres in federal waters approximately 60 miles east of Montauk Point and 20 miles south of Nantucket.

SERVICES:
- Full suite of geotechnical laboratory testing
- Vibracore logging/sampling
- Provided sample pick-up and transportation from various locations in RI, NY, and NJ

"The partnership that we've developed with GeoTesting Express was one of the most critical components leading to the successful execution of our project work. GTX staff helped us perform vibracore logging/sampling and undertook a very large volume of geotechnical laboratory testing services, all of which was conducted with a high level of diligence, technical know-how, and professionalism. Even beyond this core scope of service, some of the greatest value of working with GTX came from their ability to help our team continuously seek ways to conduct our work more efficiently and to deliver an even greater quality product to our client. We appreciate the partnership with GTX and look forward to many more projects in the future."

PROJECT NEED

GeoTesting Express (GTX) was brought in to determine the soil properties along the proposed export cable route (ECR) that will transport the energy from the offshore substation to the substation on shore.

SOLUTION PROVIDED

GeoTesting Express provided geotechnical laboratory testing services on over 1,000 meters of vibracore soil samples collected along the proposed ECR. In addition to the laboratory testing services, GTX provided sample pickup/transportation from various locations in Rhode Island, New York, and New Jersey. GTX also provided Haley & Aldrich access to laboratory space and workstations for their representatives to observe the core splitting activities and aid in the preparation of their core logs. The testing program consisted of geotechnical tests for index/classification, corrosion, and strength testing. Tests included: moisture content, pH, organic content, specific gravity, grain size, Atterberg limits, density, calcium carbonate, thermal conductivity, minimum and maximum density, direct shear, and UU triaxial tests.

VALUE

GTX was able to receive, store, and test over 1,000 samples in house, eliminating the need for the client to seek multiple labs to handle the large capacity of samples. With our advanced automated equipment and experienced staff, we completed over 4,000 tests within the client's required schedule.