

# Geotechnical Surveys & Site Evaluation

## Purpose

Sunrise Wind is gathering soil samples to collect the data that will inform the detailed design of the onshore cable route and landfall.

To acquire these samplings, soil borings will be taken along the planned cable route. Each boring will be an approximately 4-6 inch wide hole and approximately 60-100 feet deep. The exact boring locations may be modified to accommodate site conditions and to minimize impacts to the site during sampling.

The borings will be backfilled once completed and our contractor will responsibly dispose of any drill spoils generated from the activities at an approved solid waste facility.

Examples of the machinery that will be used during these activities are provided on the second page.

## CONTACT US

### Email

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## Timeline & Location

### → TOWN AND COUNTY ROADS

Ten borings will be performed using a truck-mounted drill rig within the Town and County owned road right-of-way along the following roads: Northern Blvd, Mastic Blvd West, Revlio Ave, Victory Ave, Manor Rd, Expressway Drive N and Expressway Drive S.

**Timeline:** Beginning as early as March 8<sup>th</sup>, anticipated to be complete within 4-weeks.

### → SMITH POINT COUNTY PARK & MARINA

Six borings will be performed using a combination of truck-mounted and tracked drill rigs at locations in the parking lot, marina and two on the beach. Parking lot, beach and marina access will be maintained.

**Timeline:** Began February 15<sup>th</sup> and is anticipated to be complete within 3-weeks.

### → SMITH POINT INTRACOASTAL WATERWAY

Two borings will be drilled in the intracoastal waterway between Fire Island and mainland Long Island. Borings will be performed using a self-elevating barge or 'liftboat' which will be launched from the Smith Point Marina. The liftboat will be accompanied by the support vessel Westerly.

**Timeline:** The vessel has arrived on February 13<sup>th</sup> and is anticipated to be complete within two weeks, weather dependent.

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SELF-ELEVATING BARGE OR 'LIFTBOAT'



TRUCK-MOUNTED DRILL RIG



TRACKED DRILL RIG

