



Appendix II-J1

Essential Fish Habitat (EFH) Technical Report

March 2024

Note: Atlantic Shores has updated the Project Design Envelope to include the following landfall sites: Monmouth Landfall Site, Asbury Landfall Site, Kingsley Landfall Site, Lemon Creek Landfall Site, Wolfe's Pond Landfall Site, and Fort Hamilton Landfall Site. The information included in this report demonstrates the completeness of Atlantic Shores' multi-year development efforts and should be considered representative for the Project. For additional information regarding the layout of the Project, please refer to COP Volume I Project Information, Sections 1.0 Introduction and 4.7 Landfall Sites, as well as Figure 1.1-2 Project Overview.

Essential Fish Habitat Technical Report

Atlantic Shores Offshore Wind North

Prepared for:



Atlantic Shores Offshore Wind, LLC
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7th Floor
Brooklyn, NY 11205
www.atlanticshoreswind.com

Prepared by:



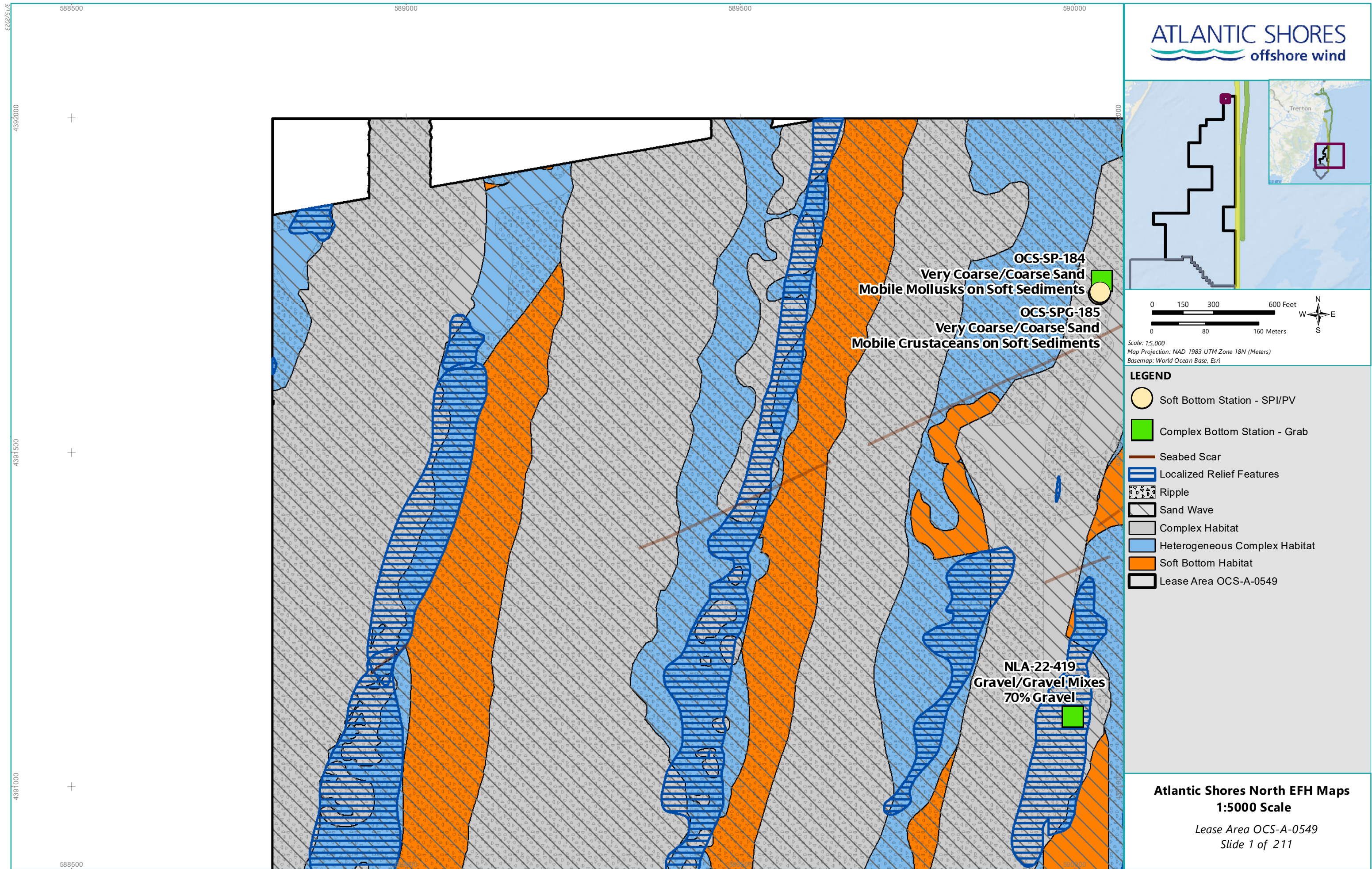
Environmental Design & Research,
Landscape Architecture, Engineering & Environmental Services, D.P.C.
217 Montgomery Street, Suite 1000
Syracuse, New York 13202
P: 315.471.0688
F: 315.471.1061
www.edrdpc.com

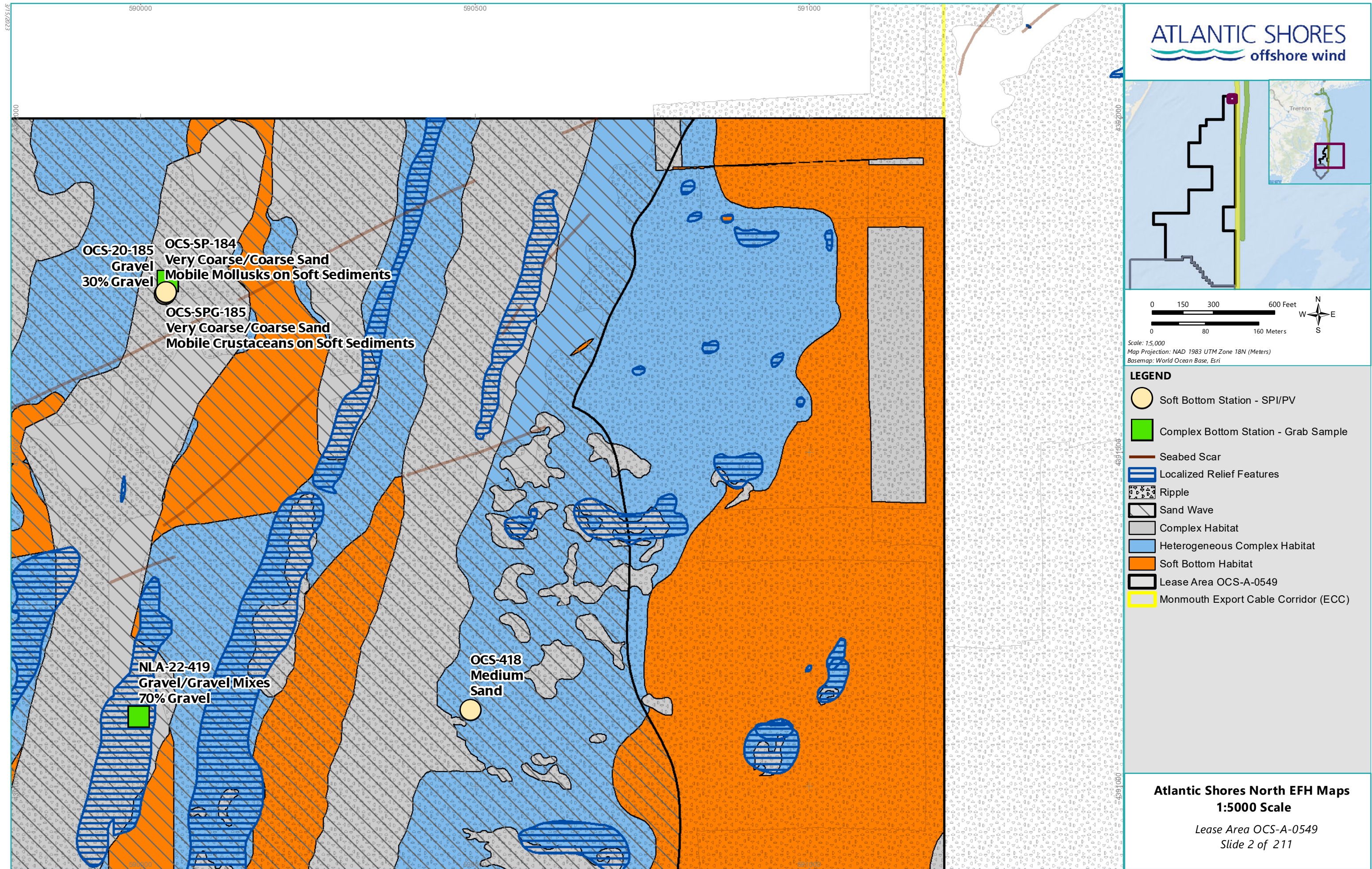
March 2024

Attachment 4

EFH Maps – 1:5,000 Scale

Lease Area





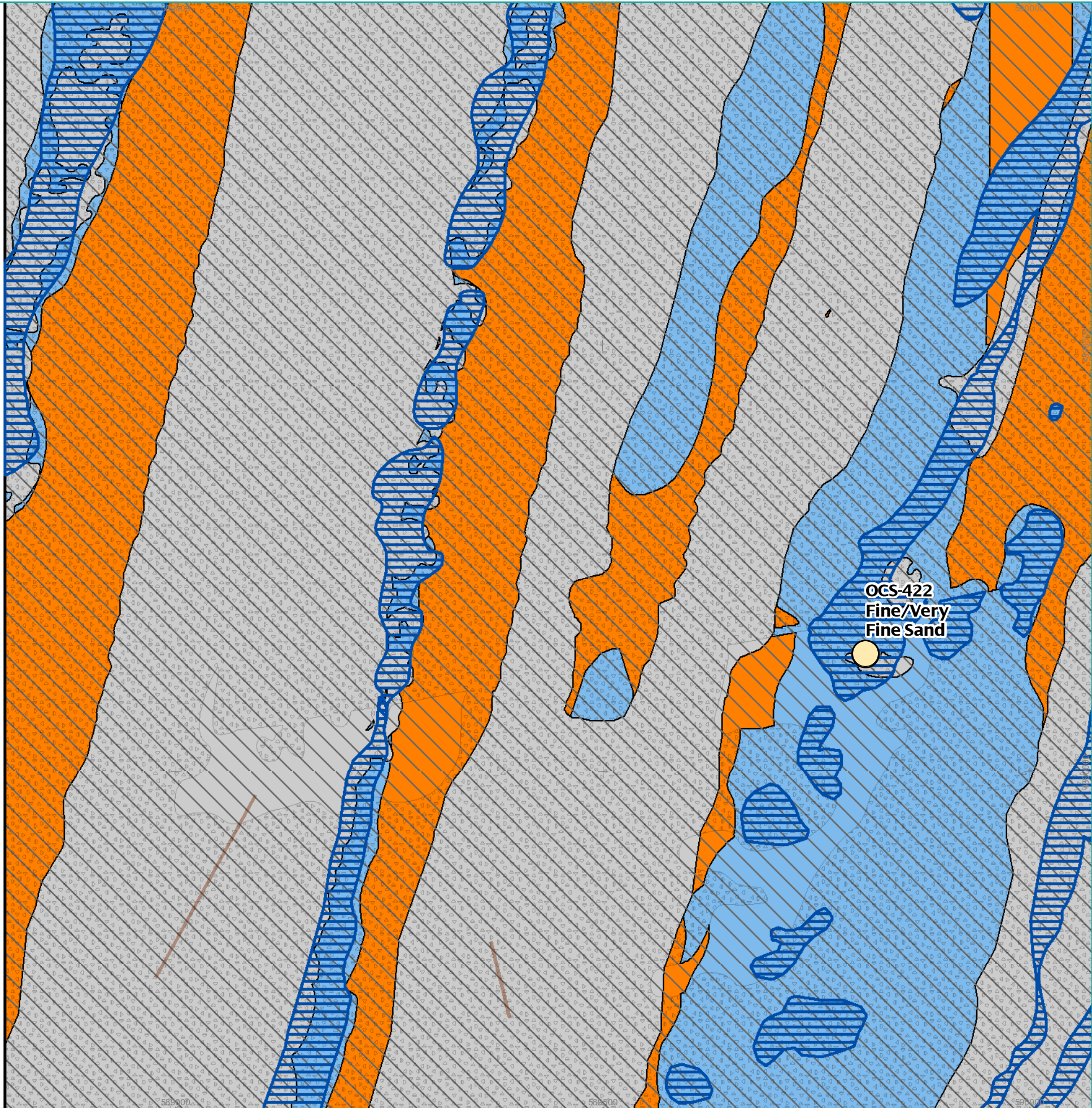
3/17/2023

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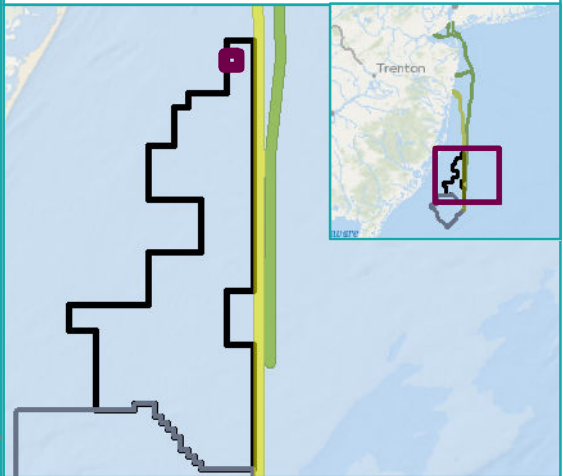
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ATLANTIC SHORES
offshore wind



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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

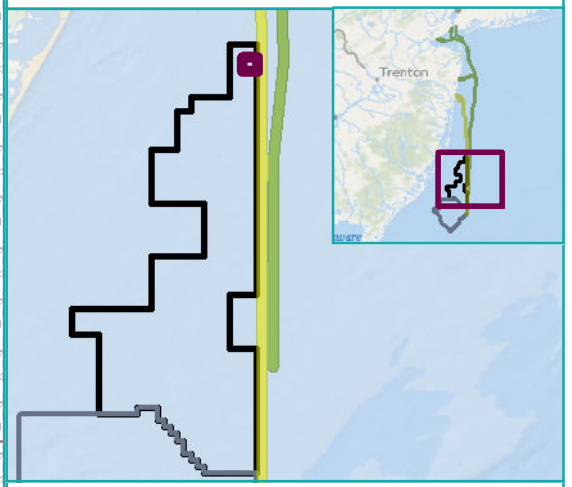
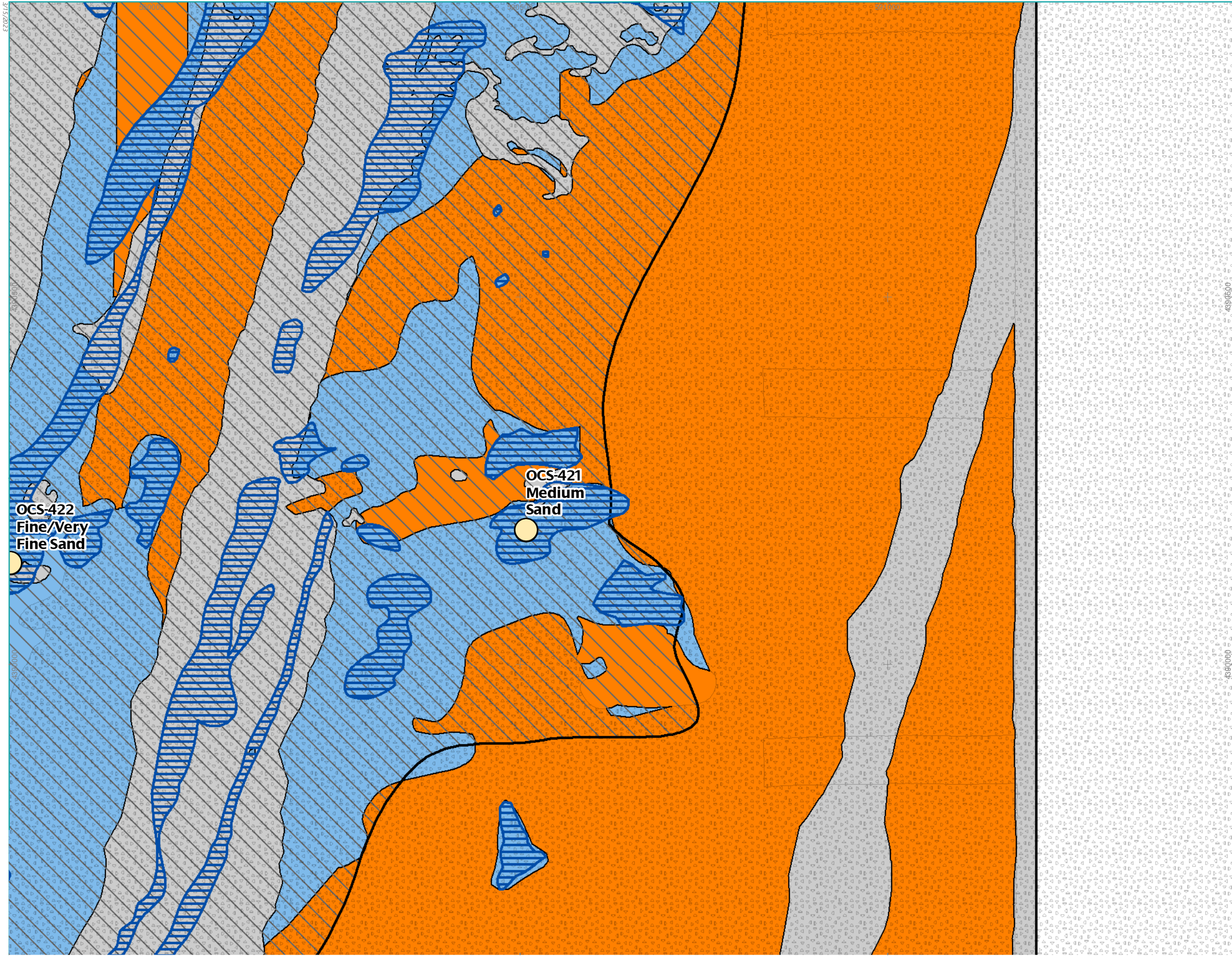
LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps
1:5000 Scale

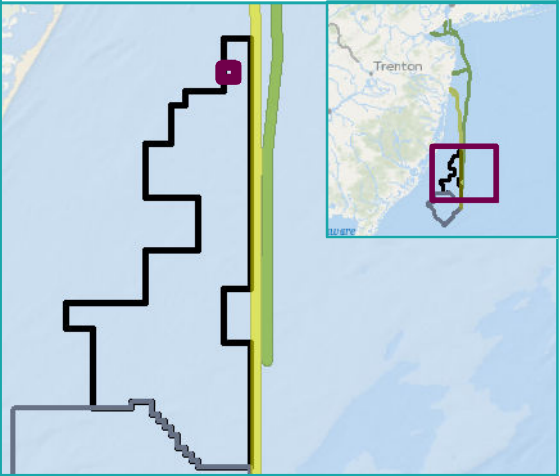
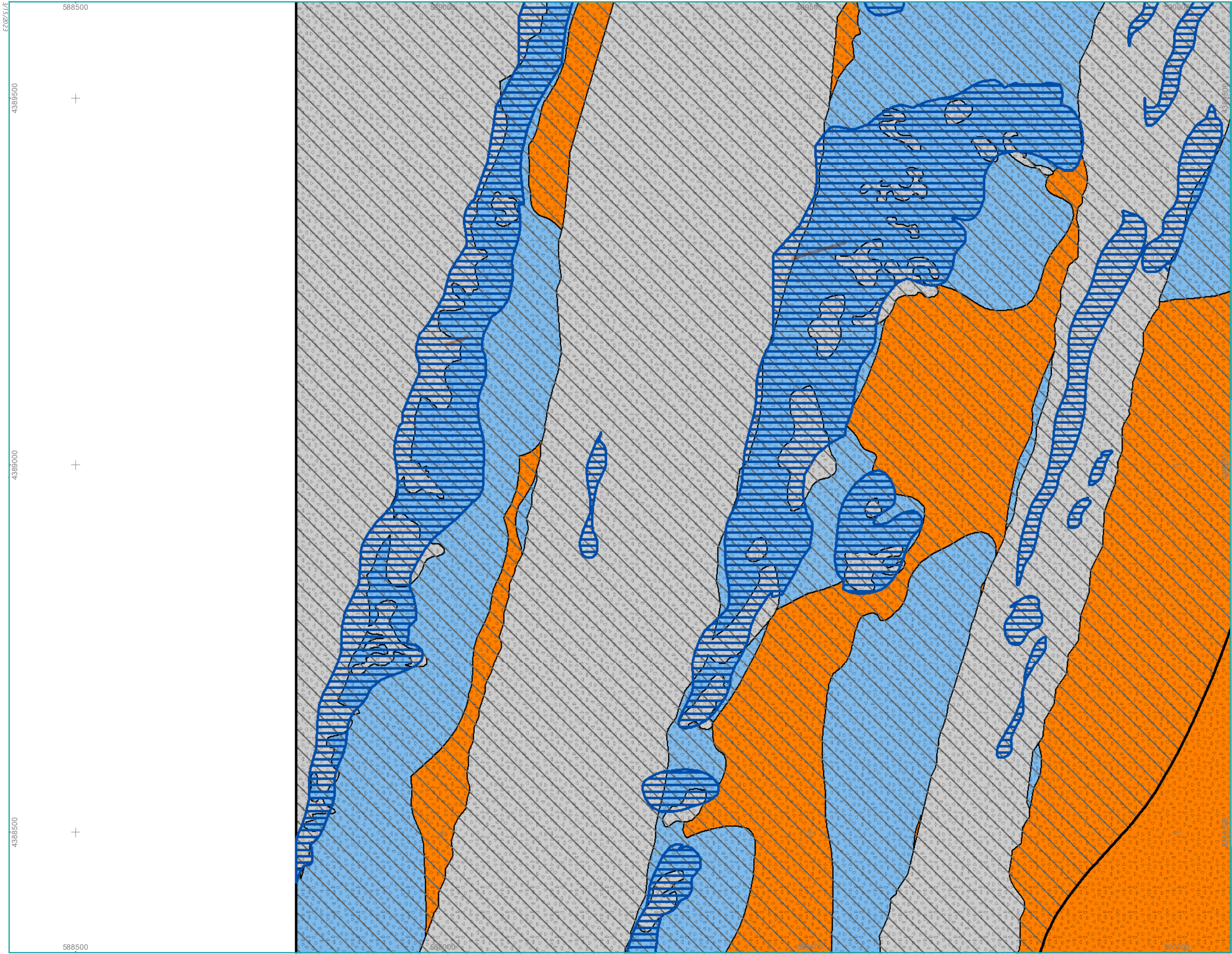
Lease Area OCS-A-0549
Slide 3 of 211

3/17/2023



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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

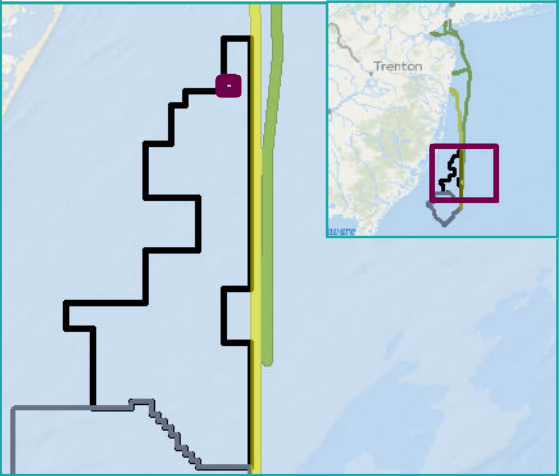
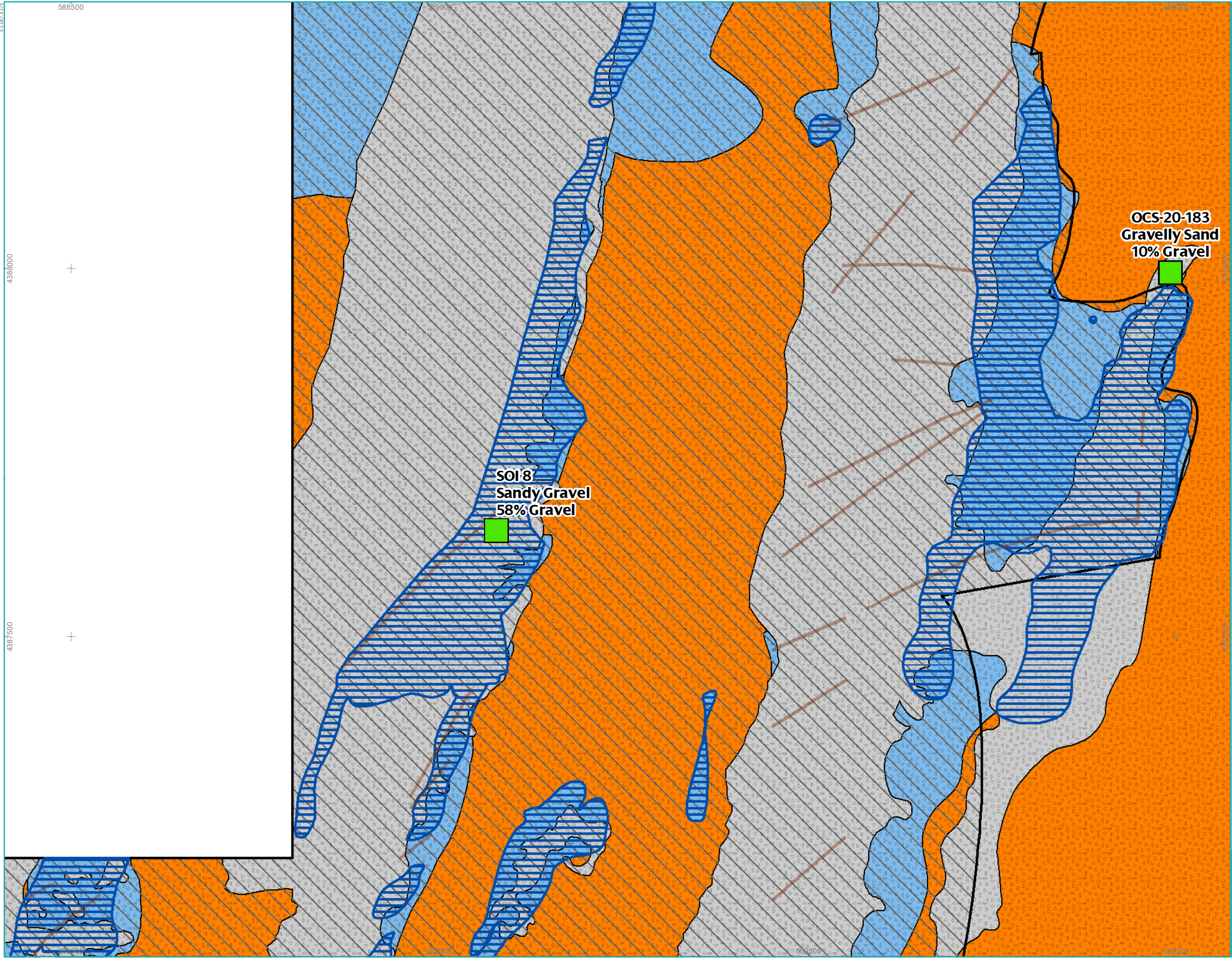
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

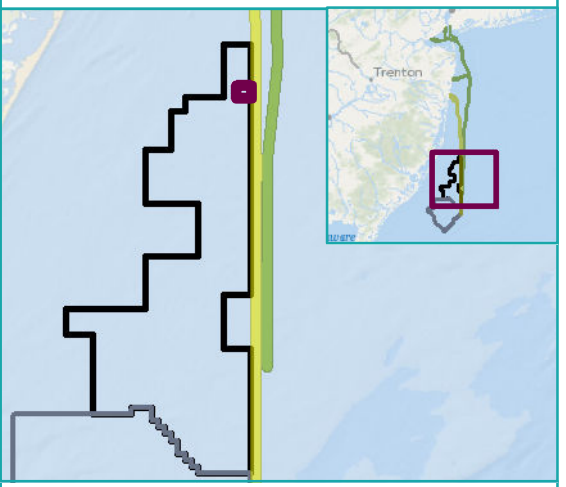
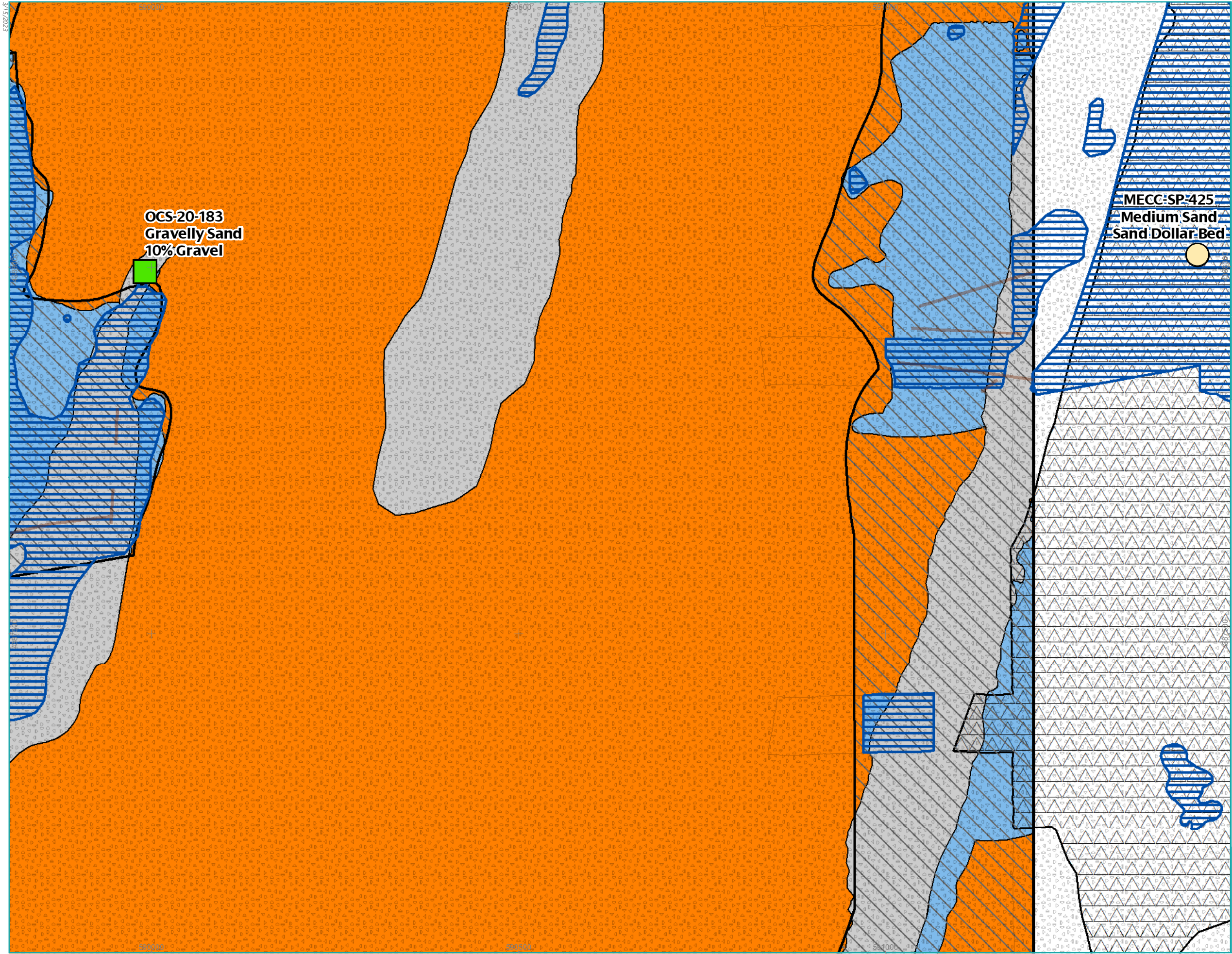


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Basemap: World Ocean Base, Esri

LEGEND

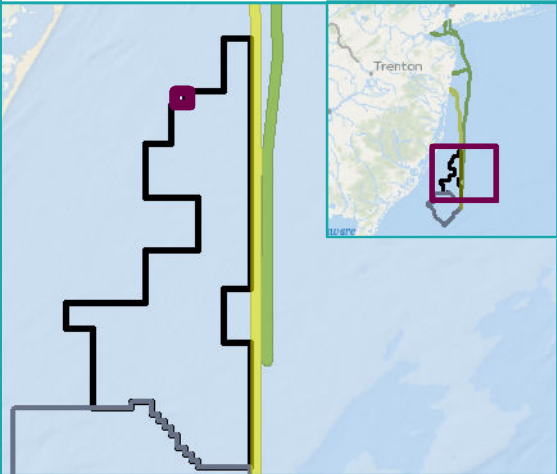
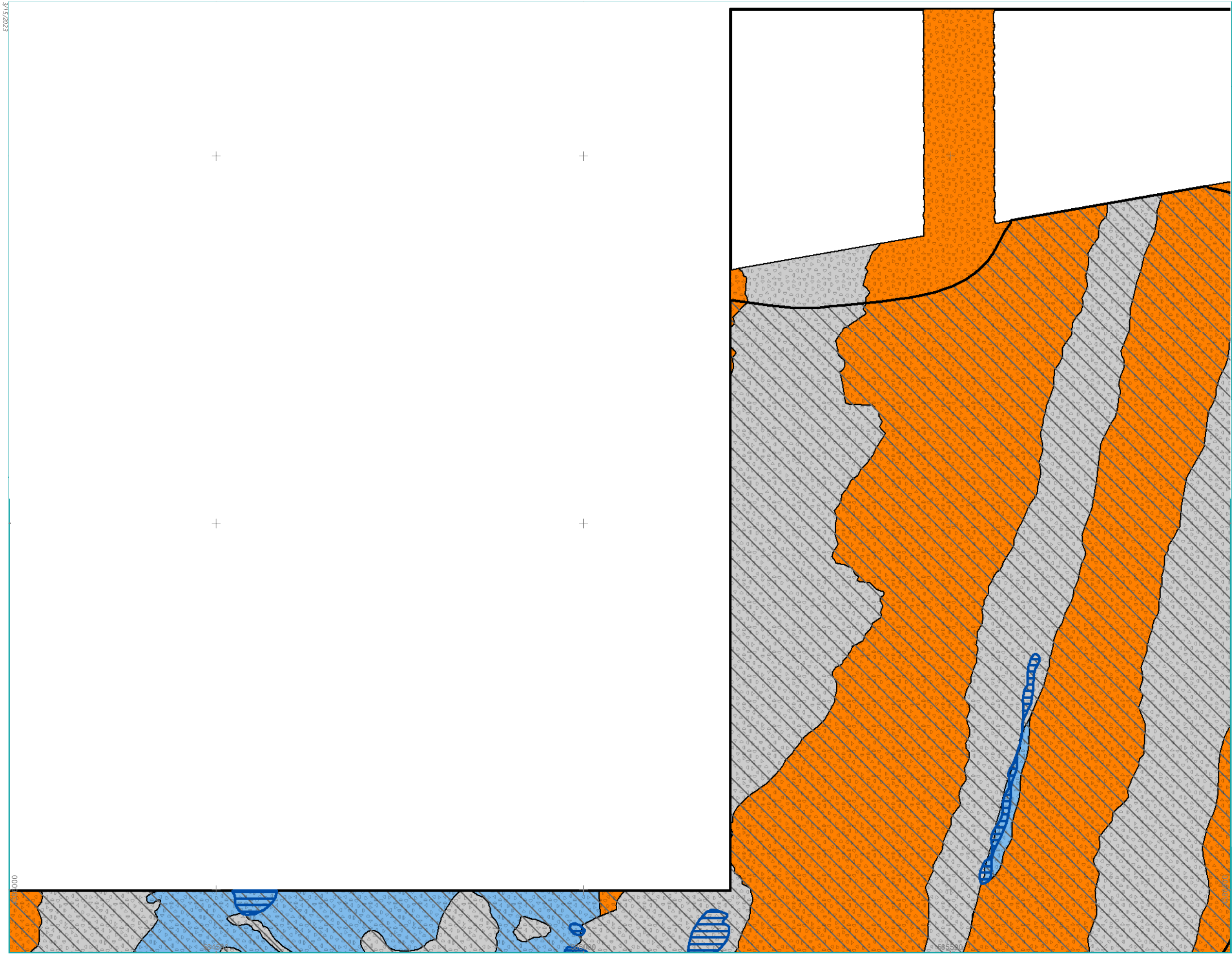
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- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

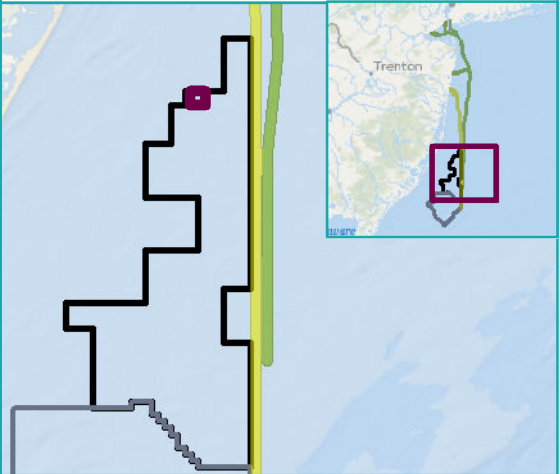
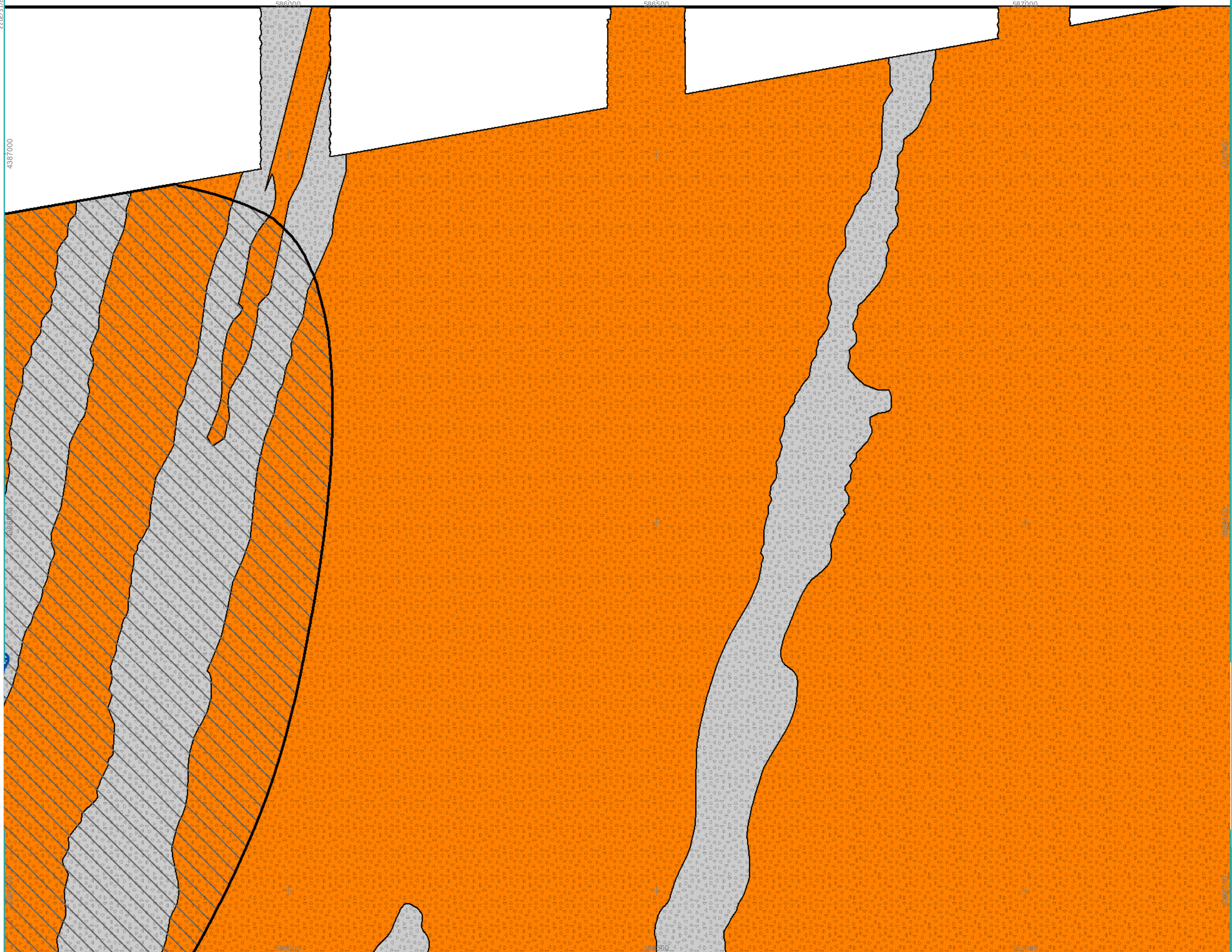
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- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Localized Relief Features
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- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
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Basemap: World Ocean Base, Esri

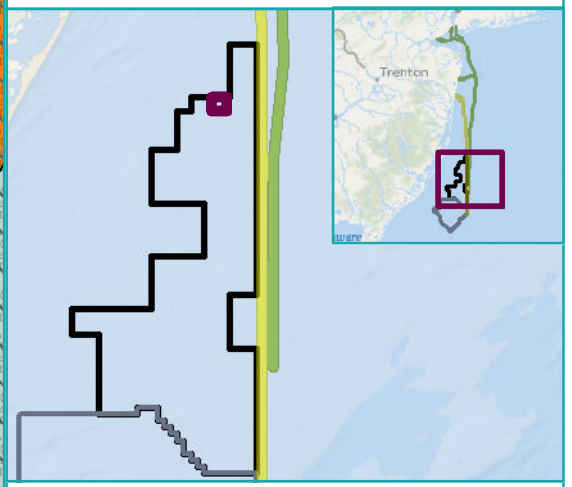
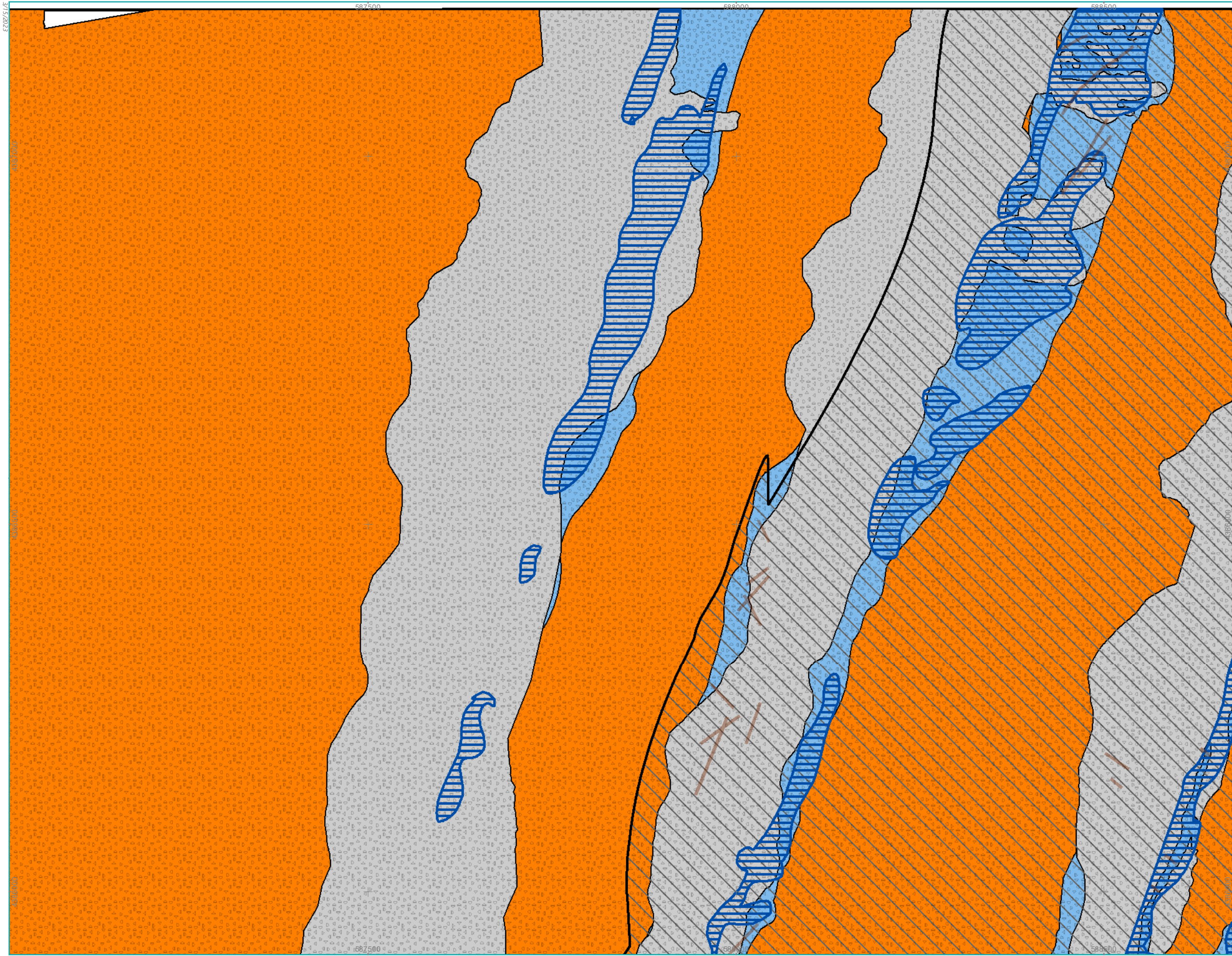
- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
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 - Lease Area OCS-A-0549

3/15/2023

40°17'00"

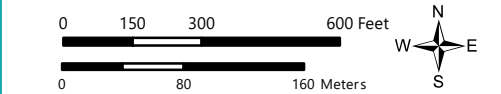
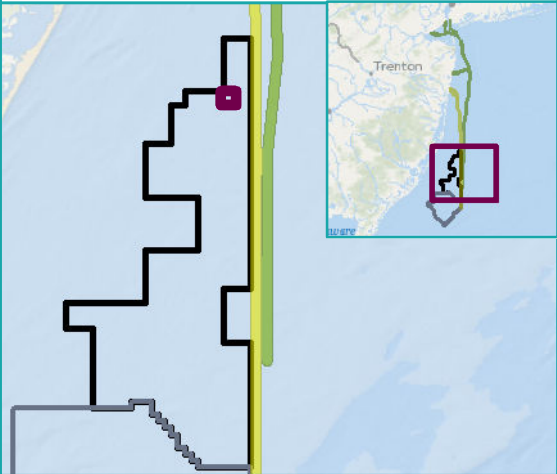
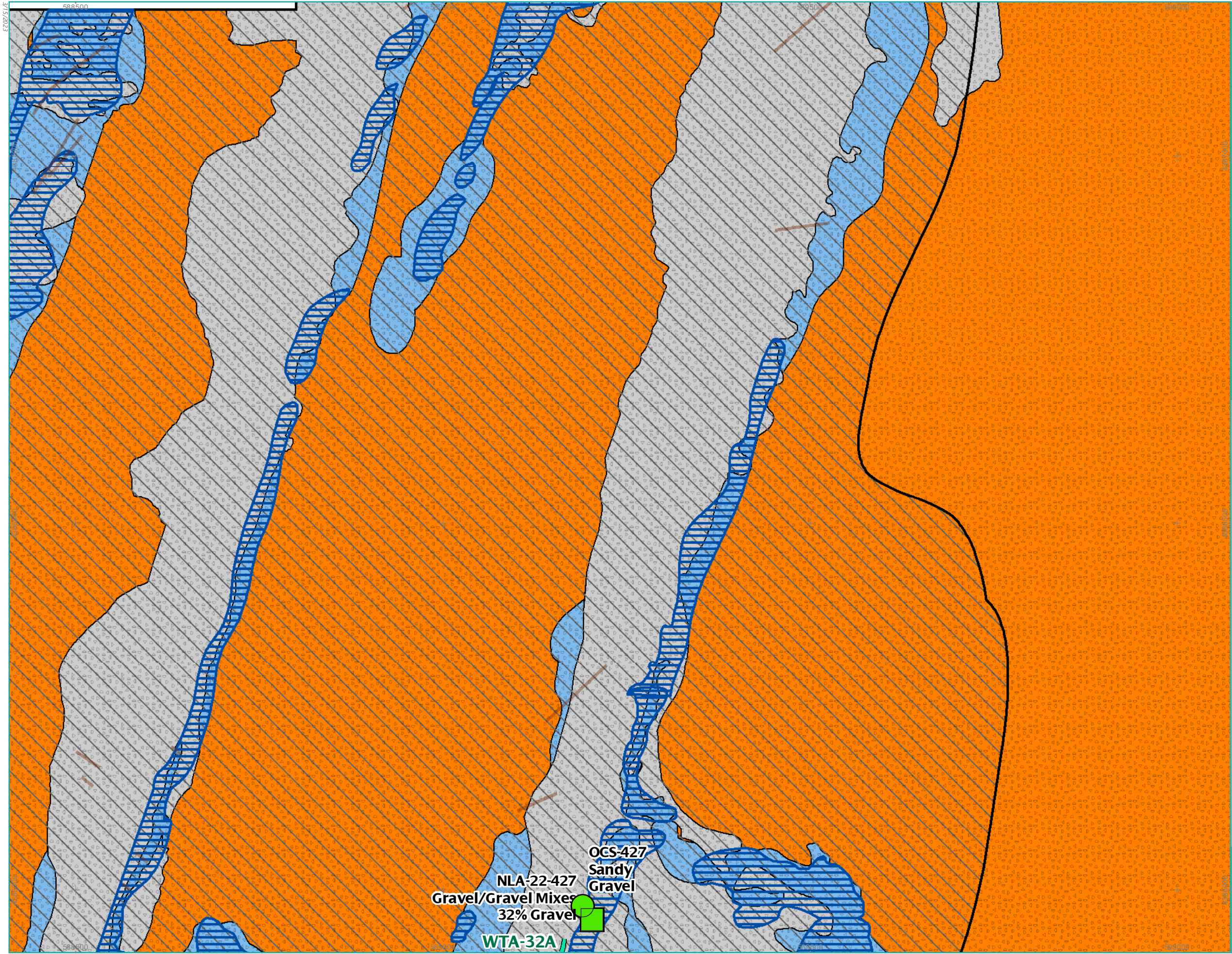
74°17'00"

40°15'00"



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
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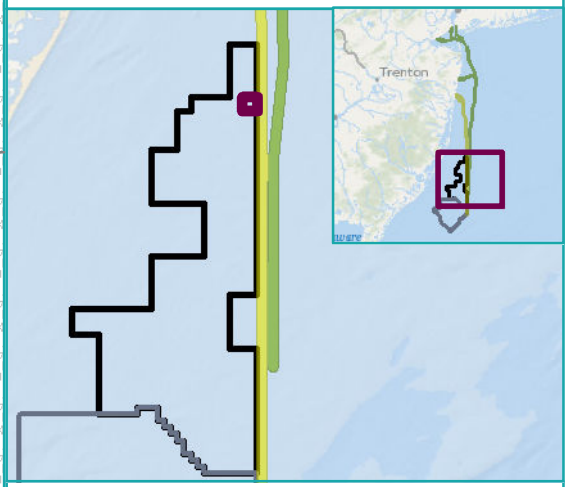
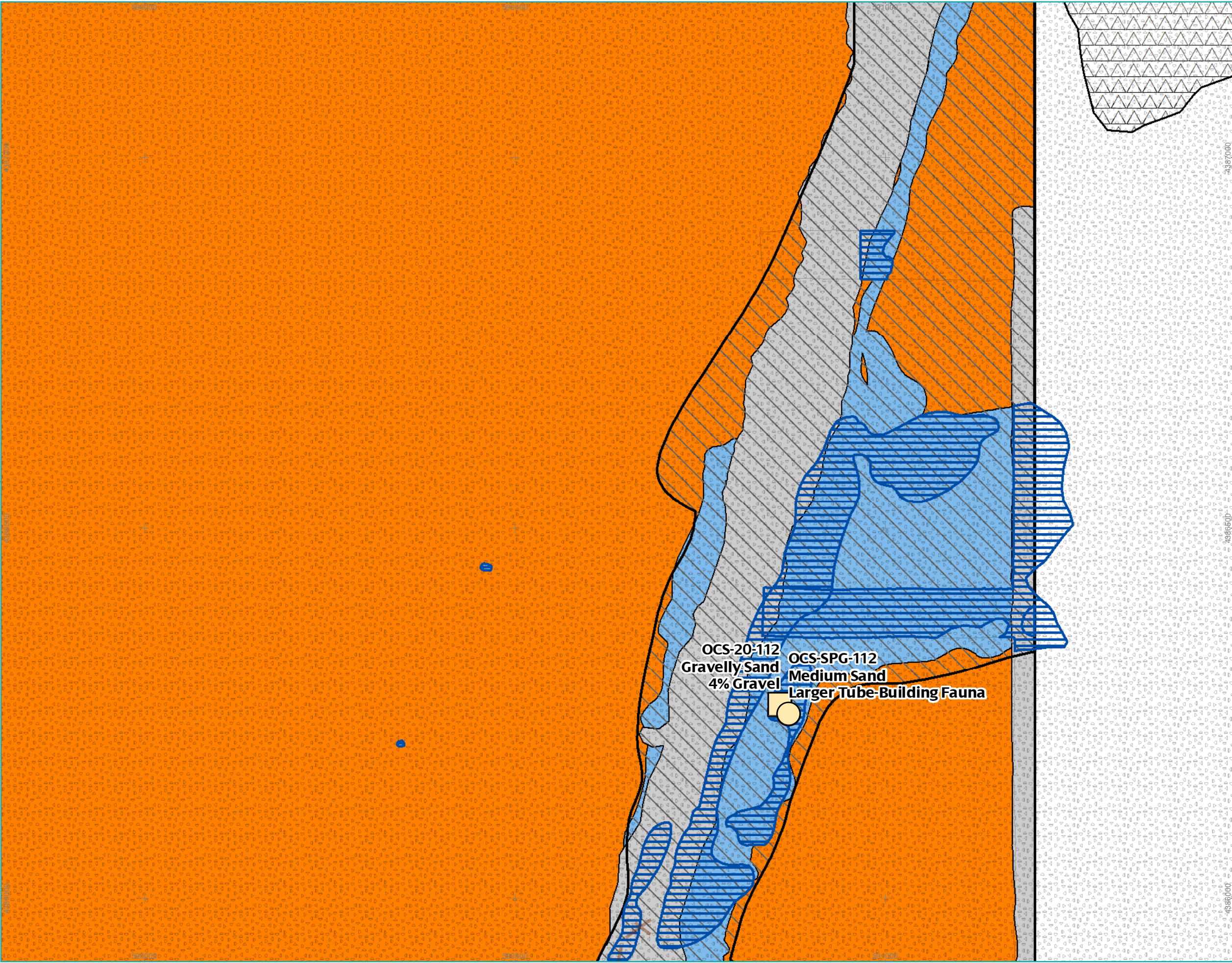
- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
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3/15/2023

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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
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3/17/2023

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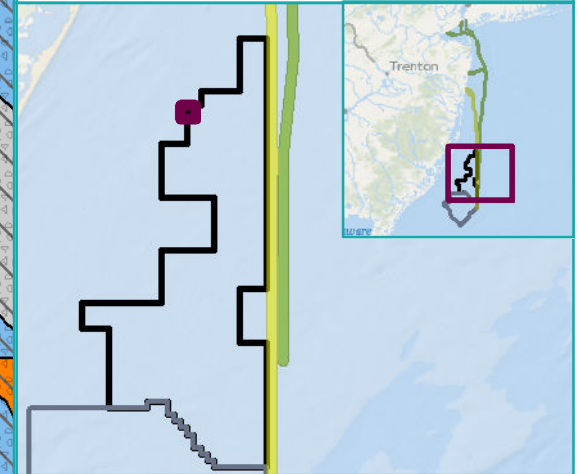
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Basemap: World Ocean Base, Esri

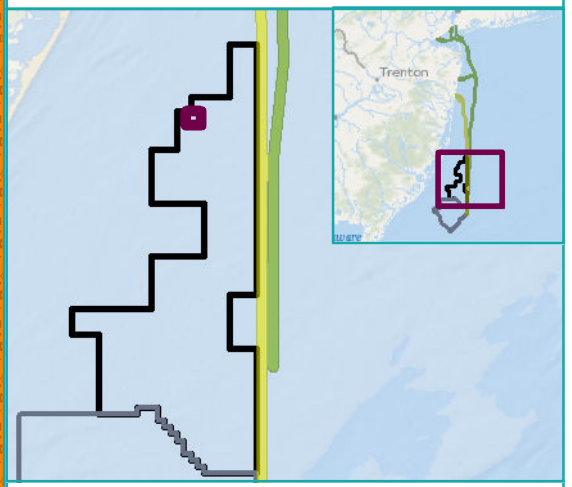
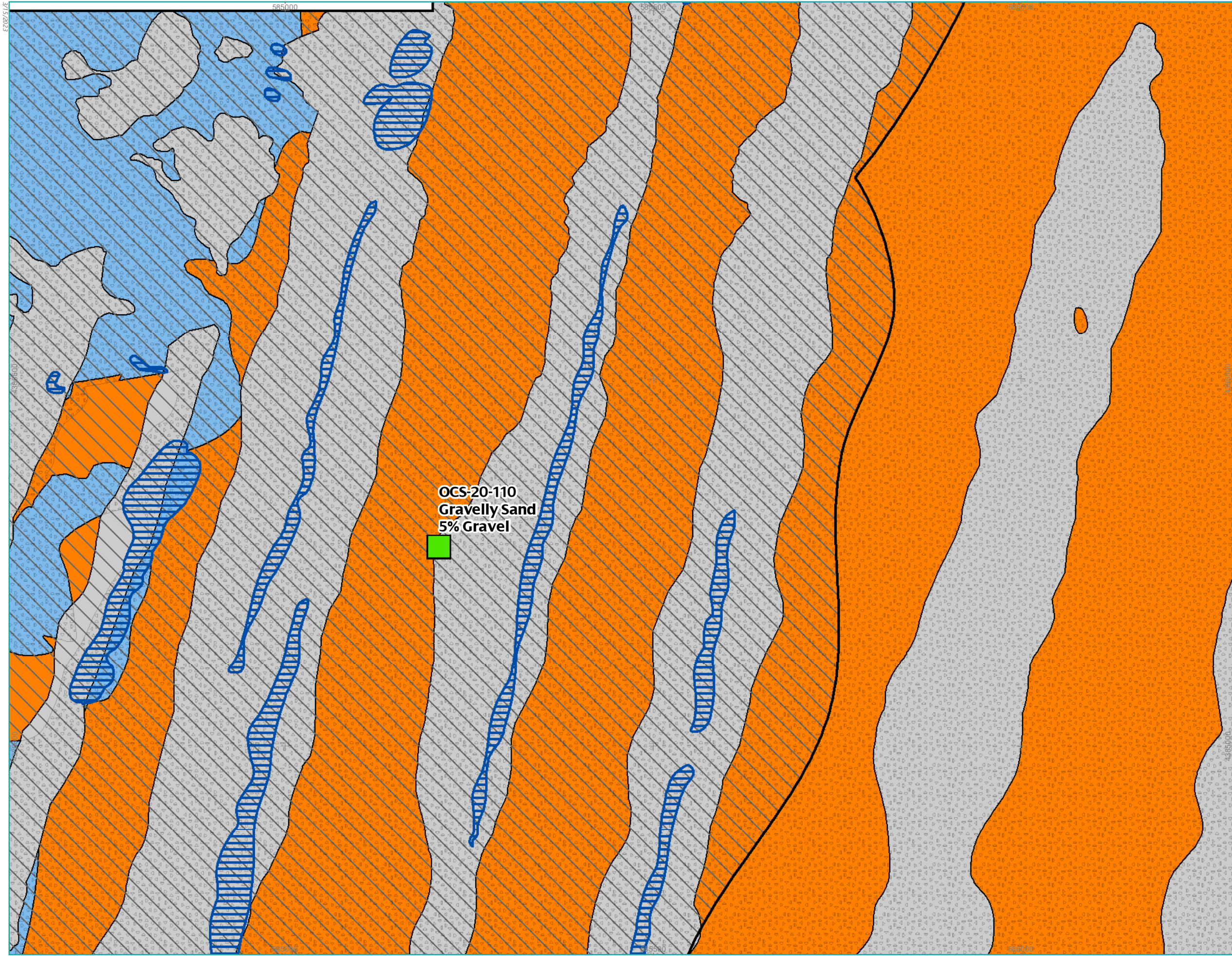
LEGEND

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- Lease Area OCS-A-0549

**Atlantic Shores North EFH Maps
1:5000 Scale**

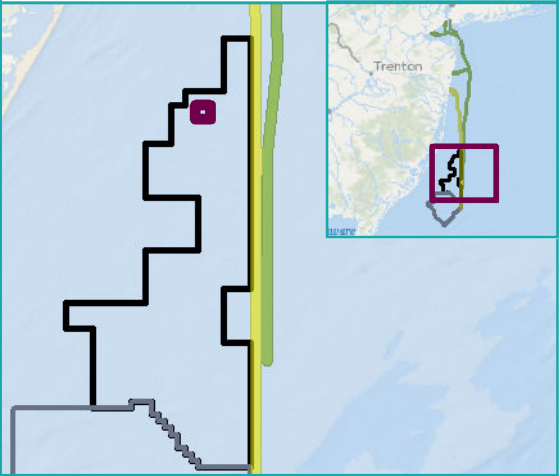
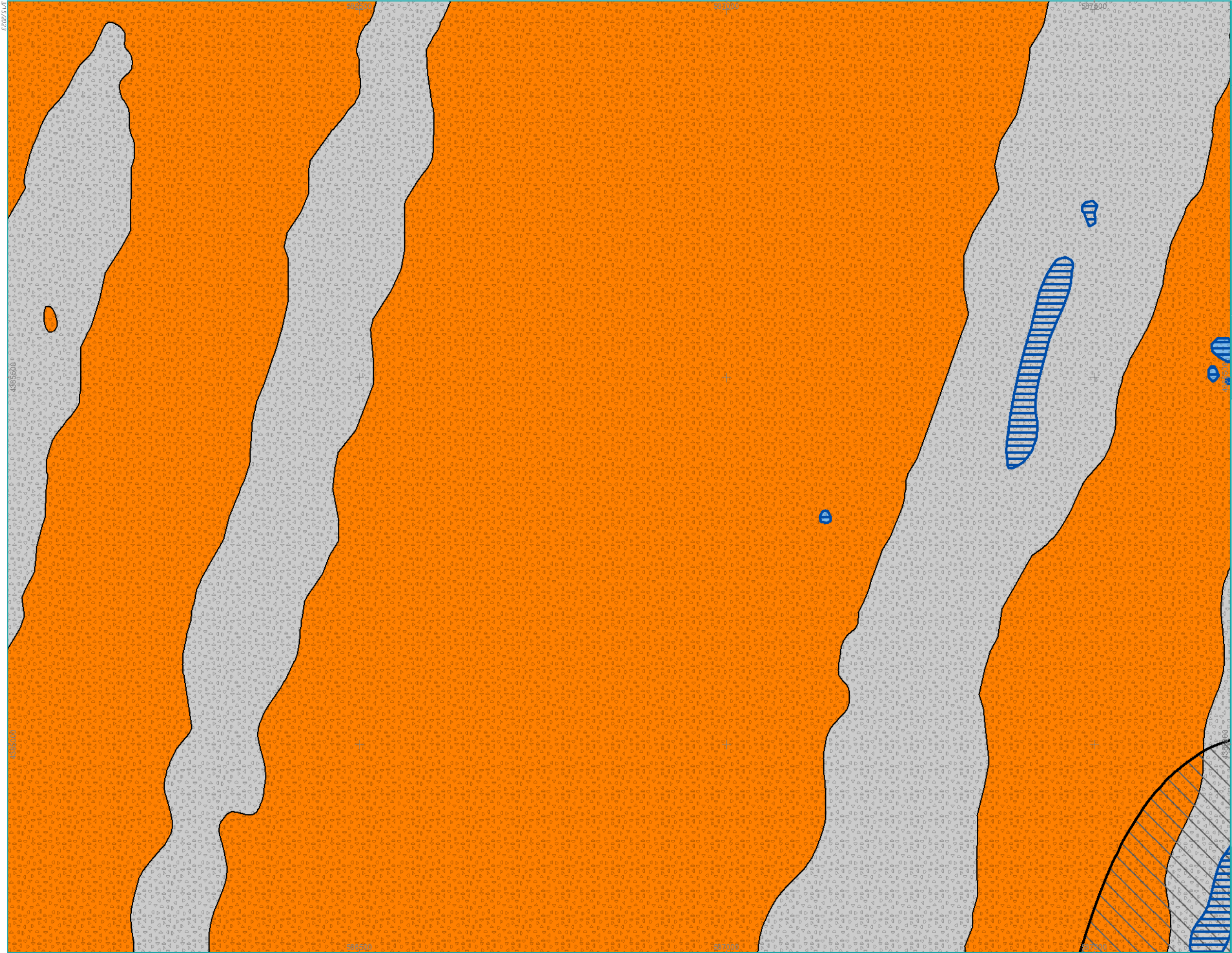
Lease Area OCS-A-0549
Slide 14 of 211

3/15/2023



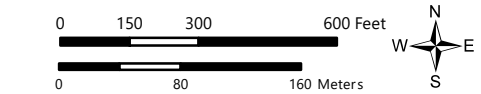
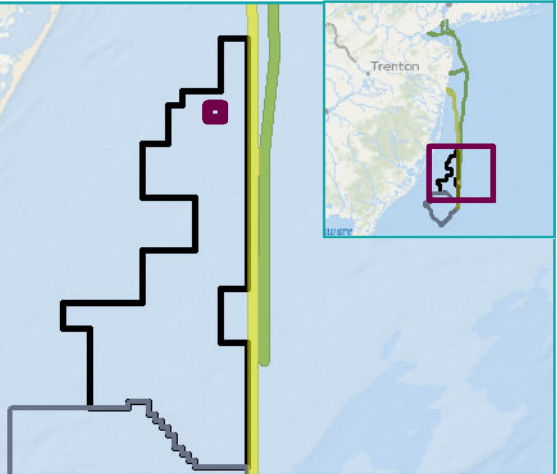
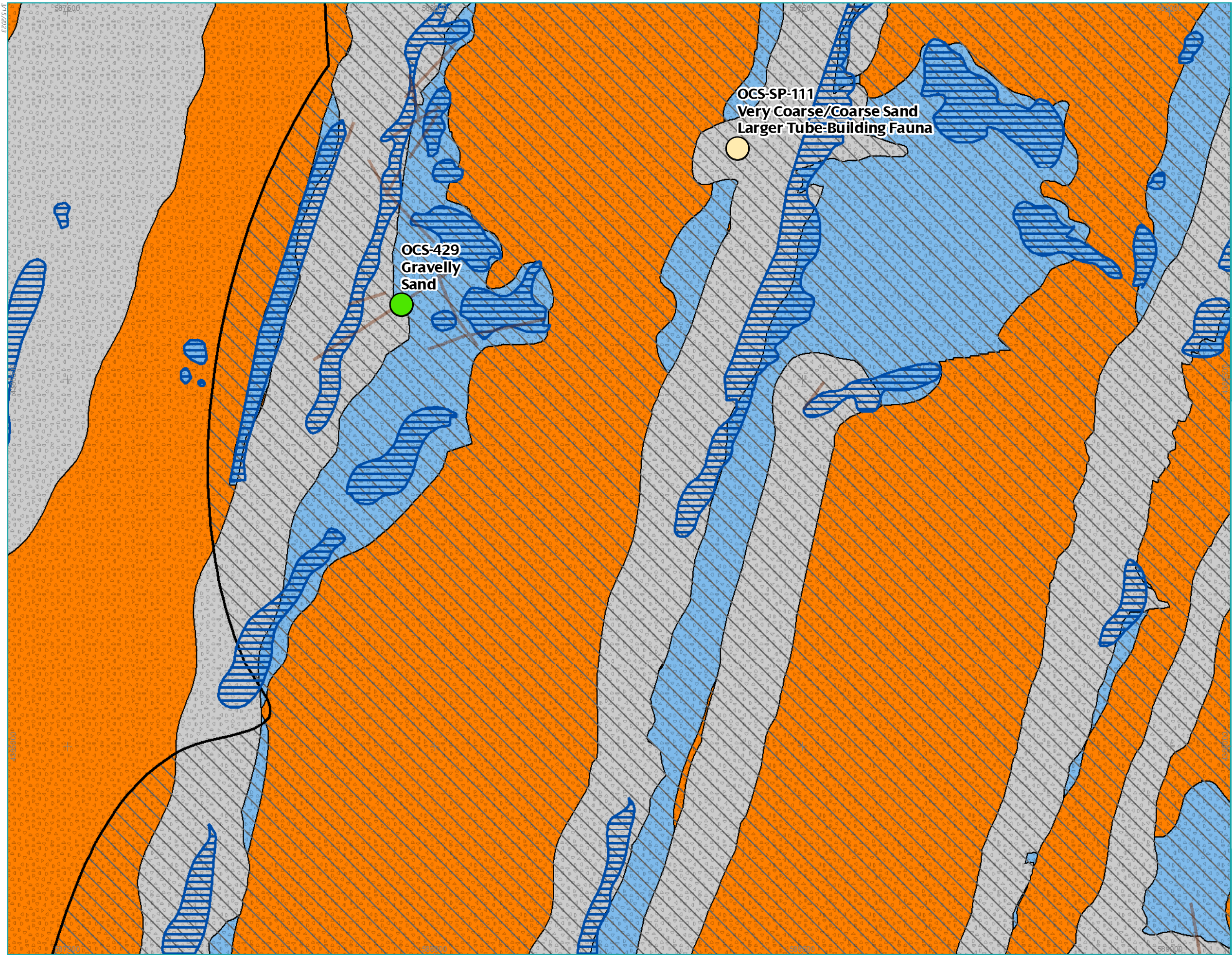
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
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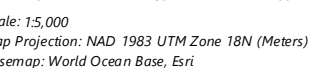
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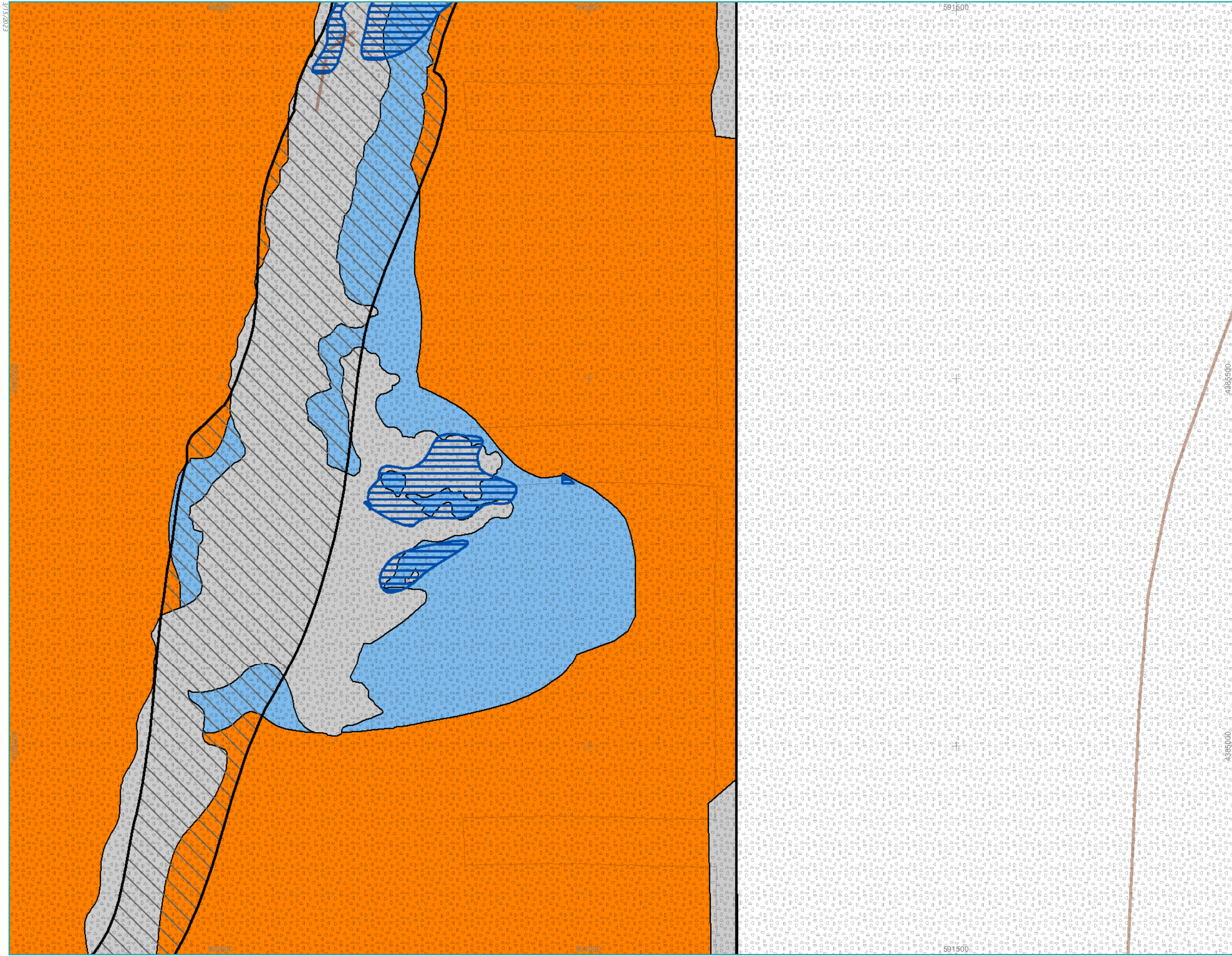
Lease Area OCS-A-0549
Slide 18 of 211

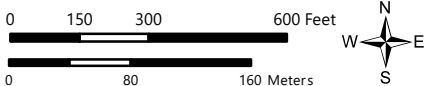
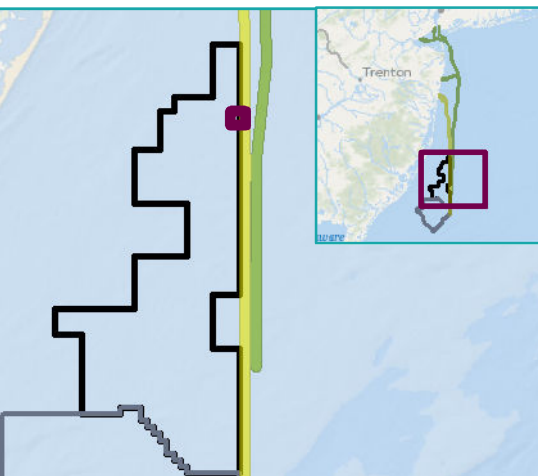
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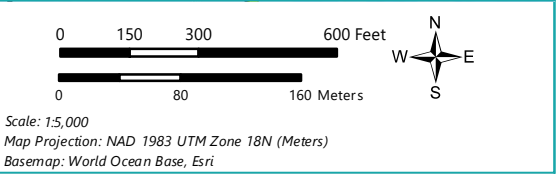
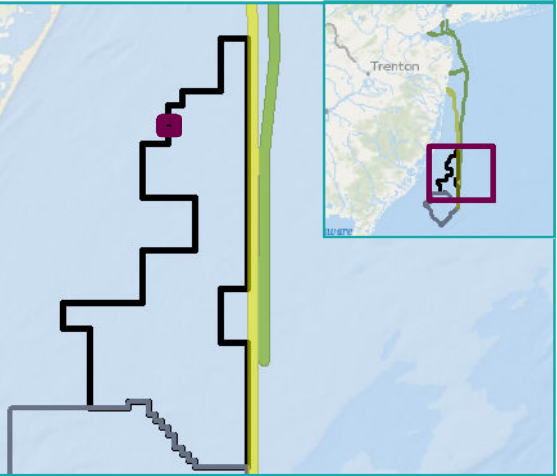
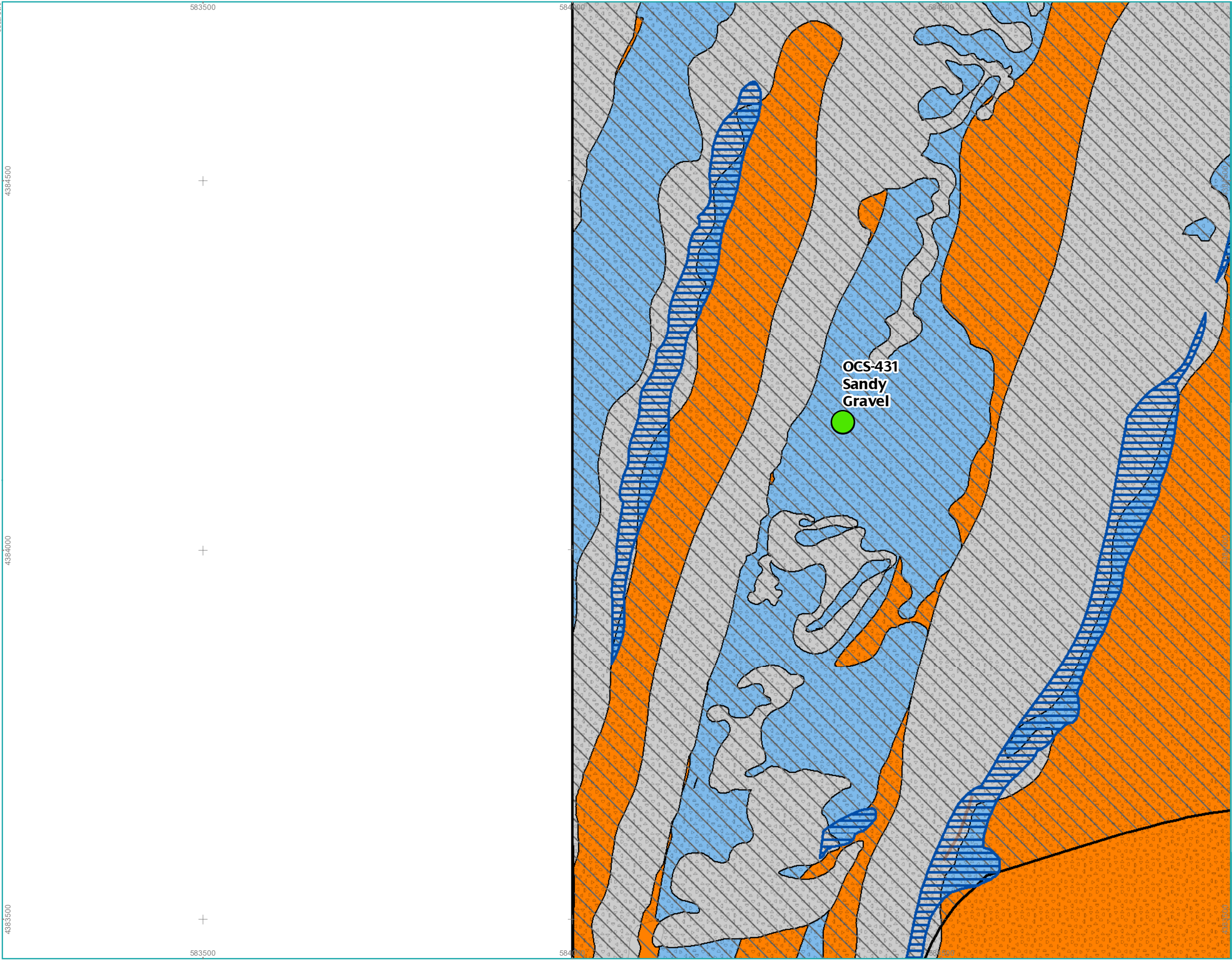
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Basemap: World Ocean Base, Esri

LEGEND

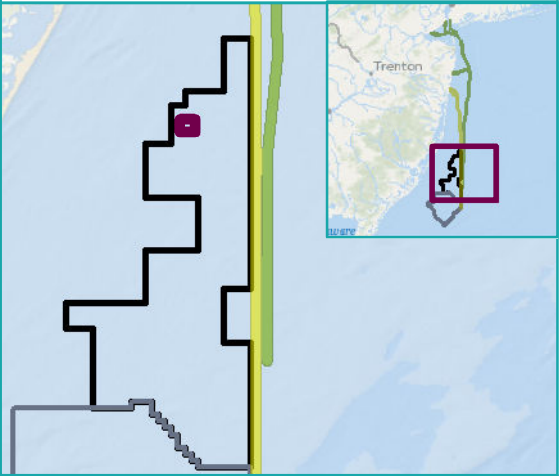
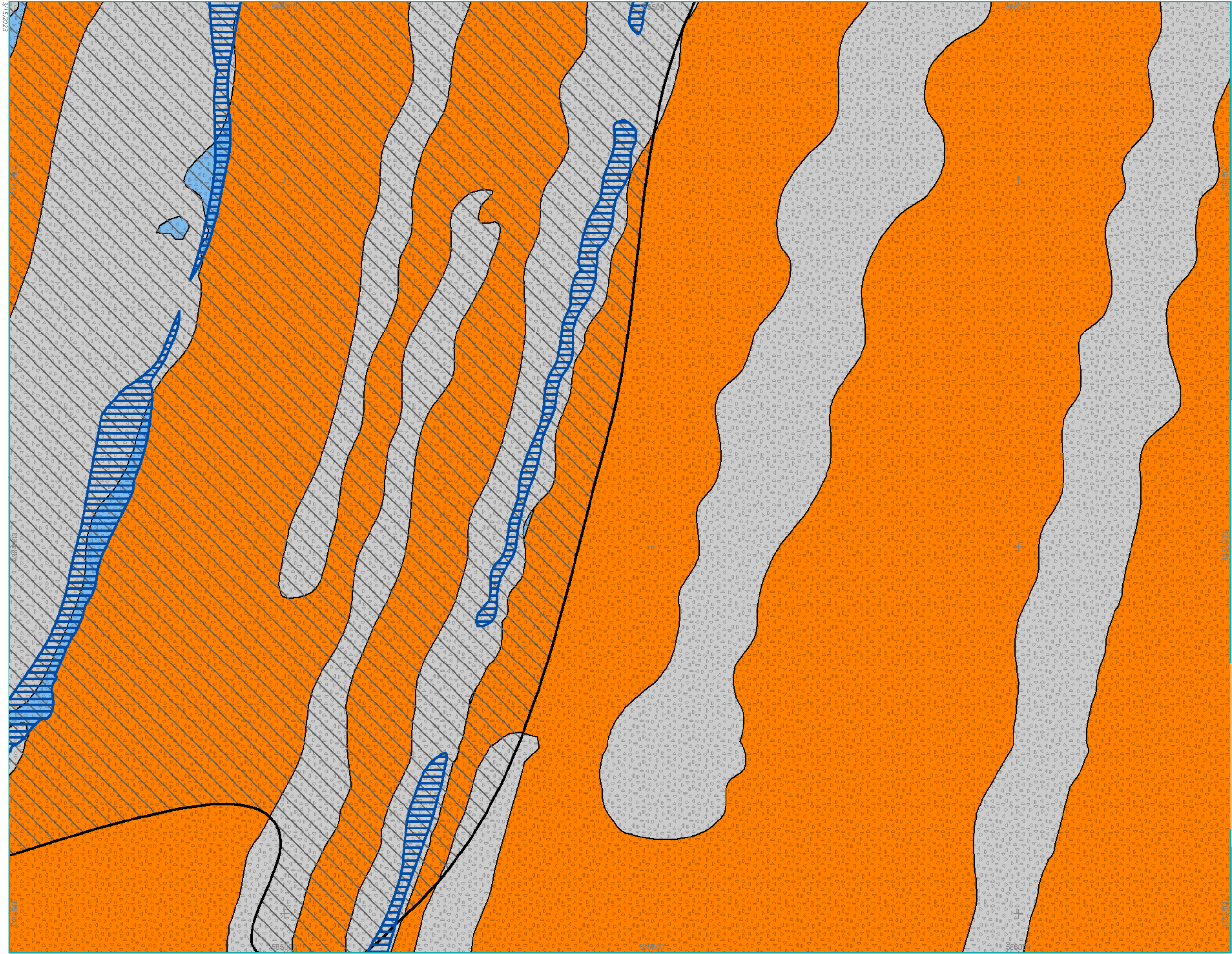
- Seabed Scar
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- Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps
1:5000 Scale

Lease Area OCS-A-0549
Slide 19 of 211

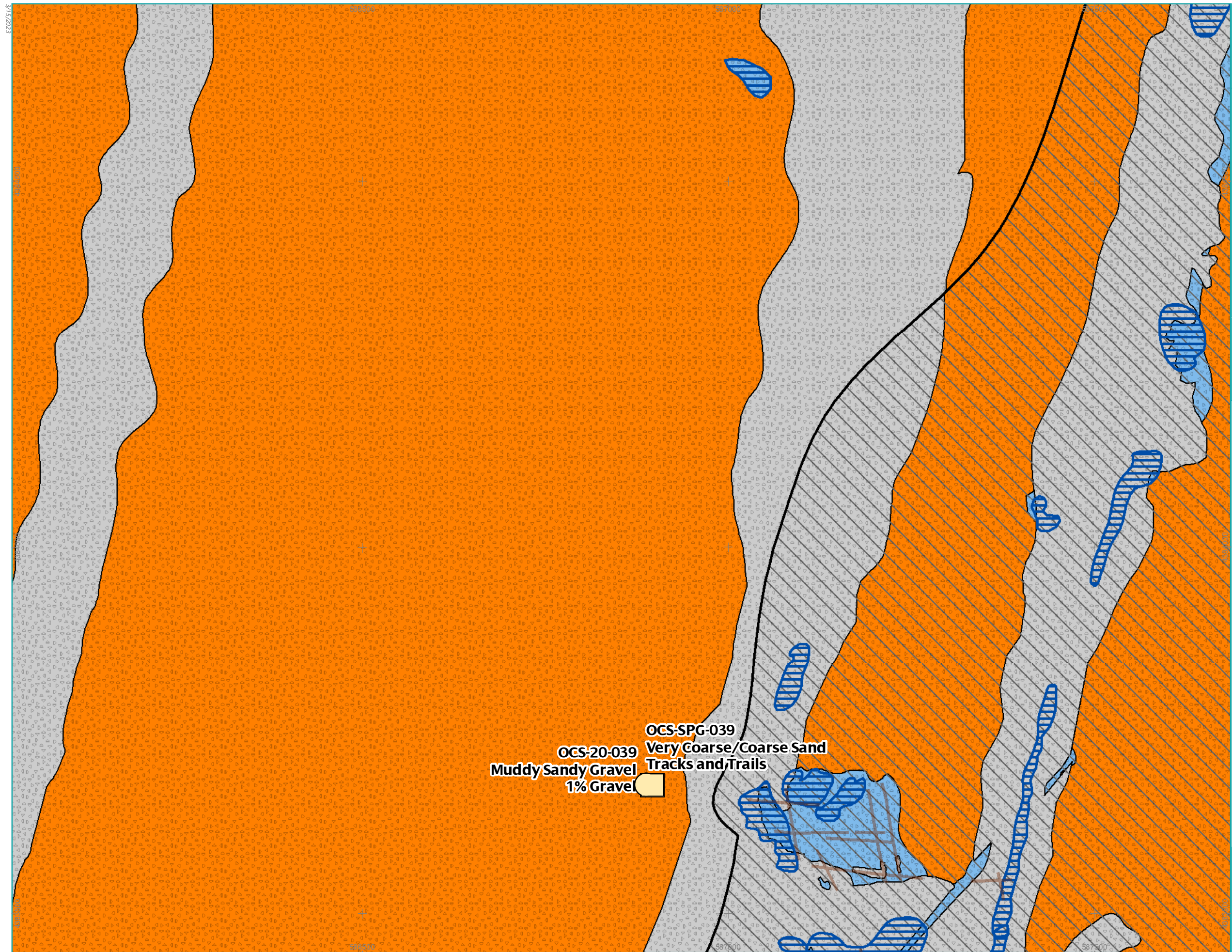


- LEGEND**
- Complex Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
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 - Lease Area OCS-A-0549

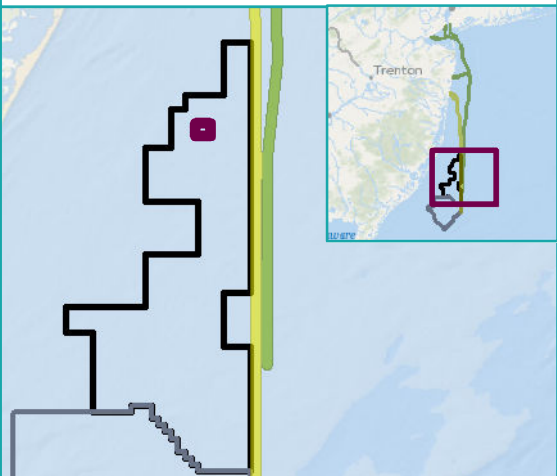


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Basemap: World Ocean Base, Esri

- LEGEND**
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3/15/2023

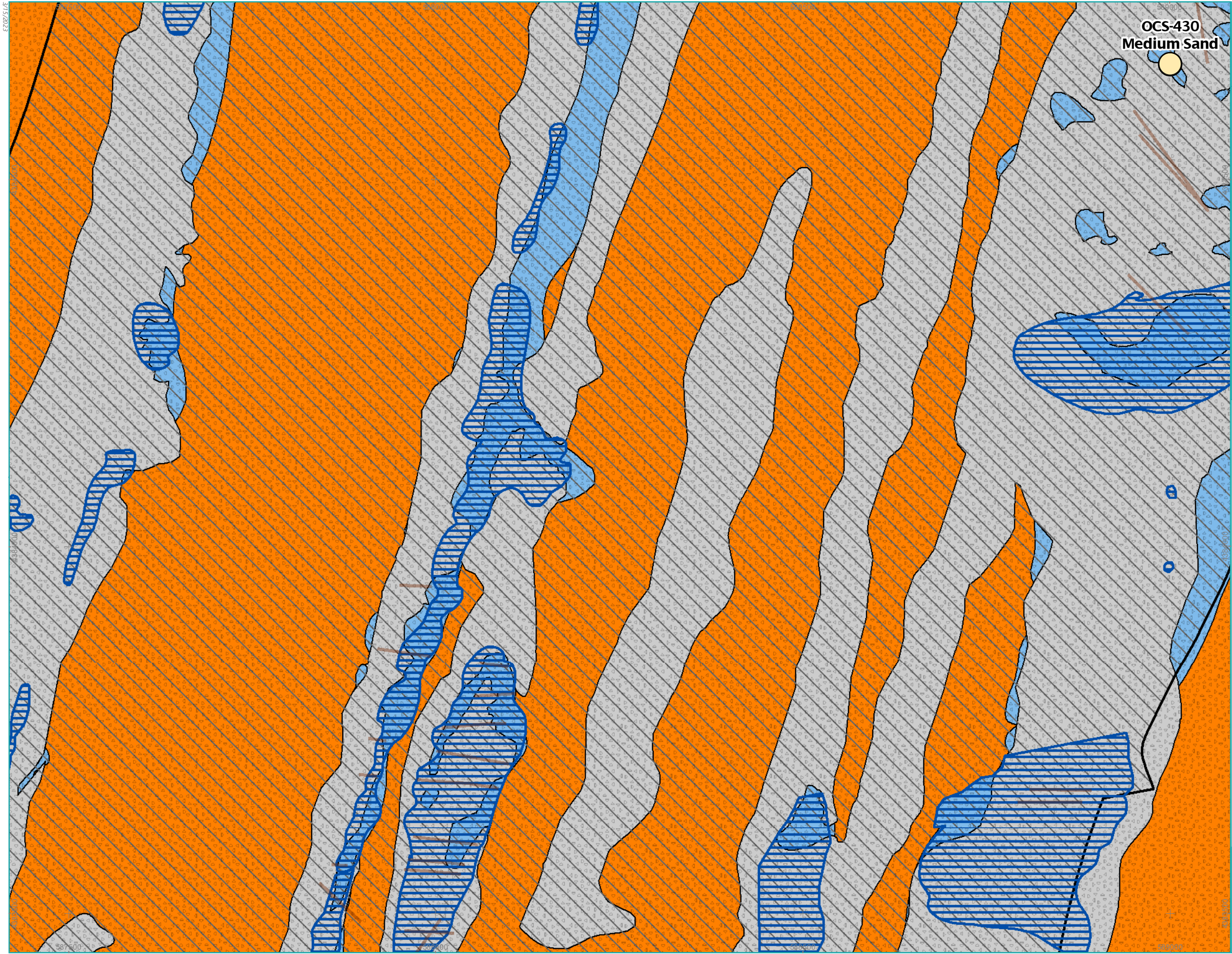


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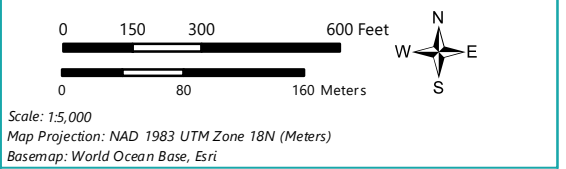
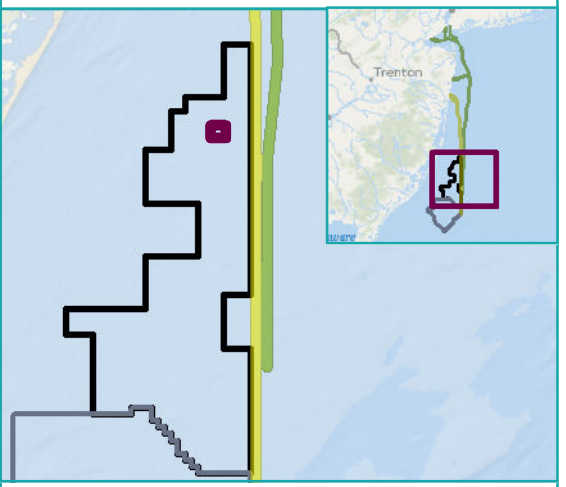
LEGEND

- Soft Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
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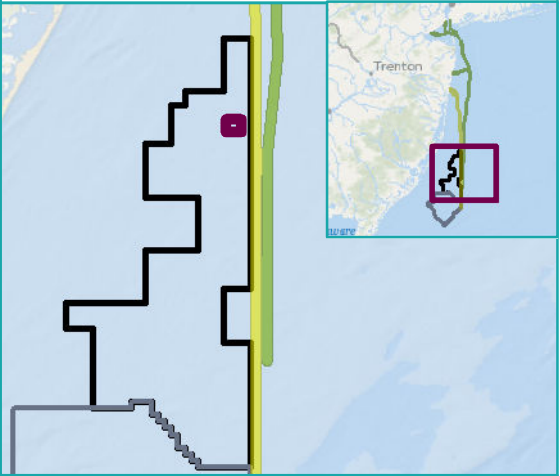
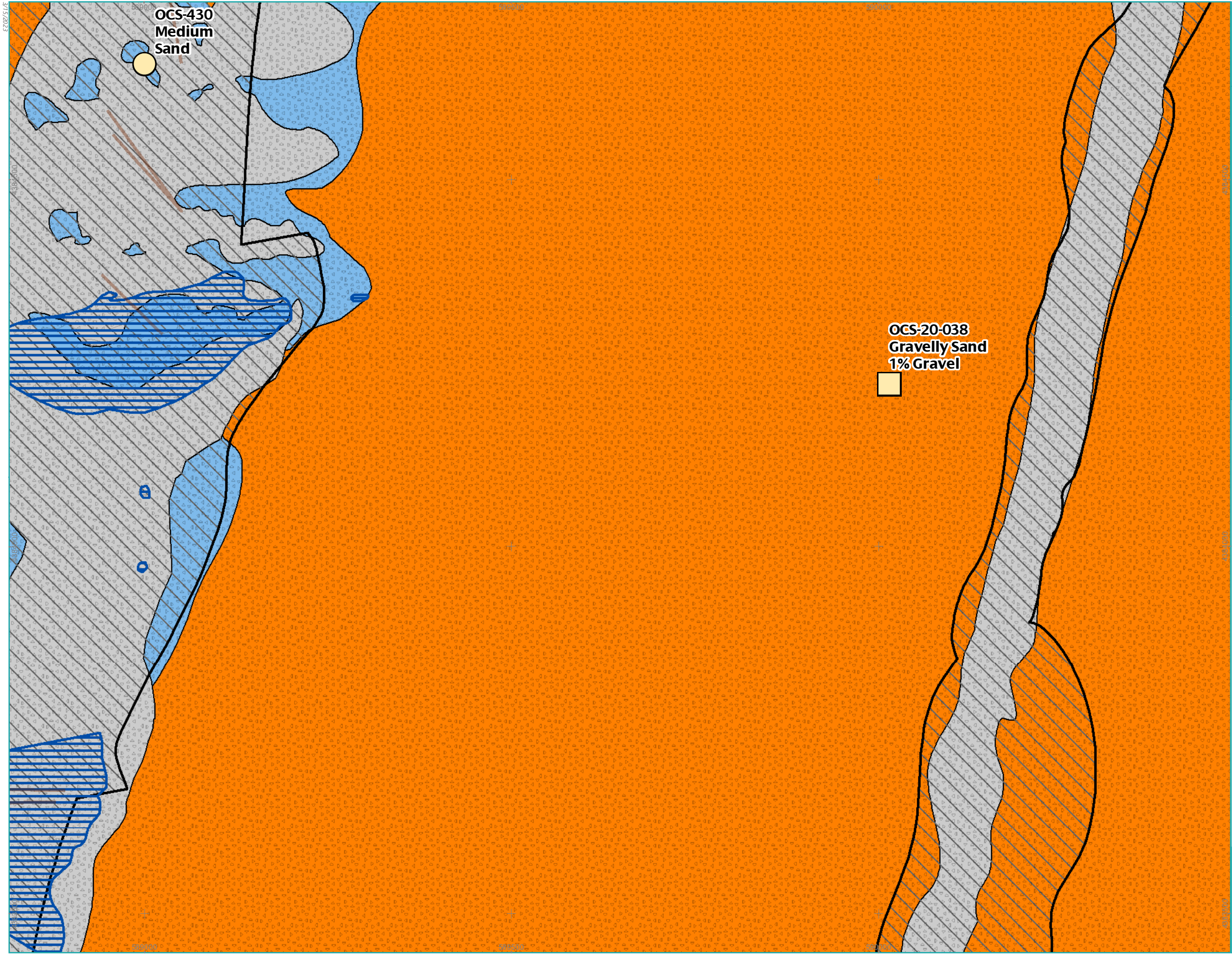
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ATLANTIC SHORES offshore wind



- LEGEND**
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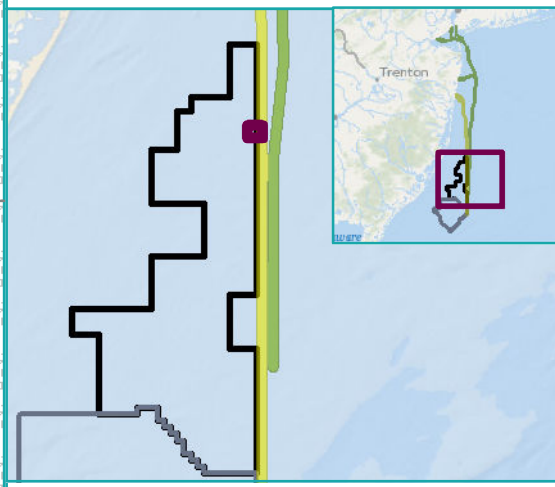


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Basemap: World Ocean Base, Esri

LEGEND

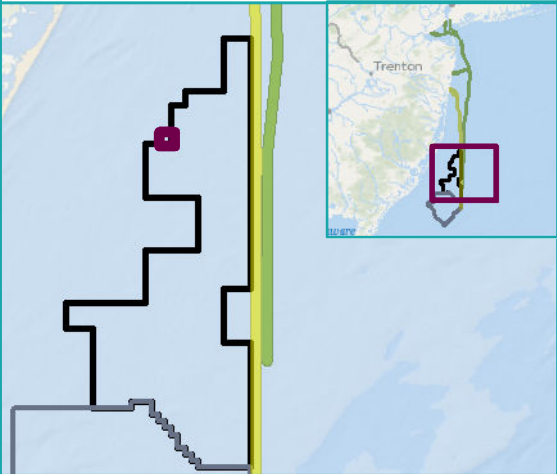
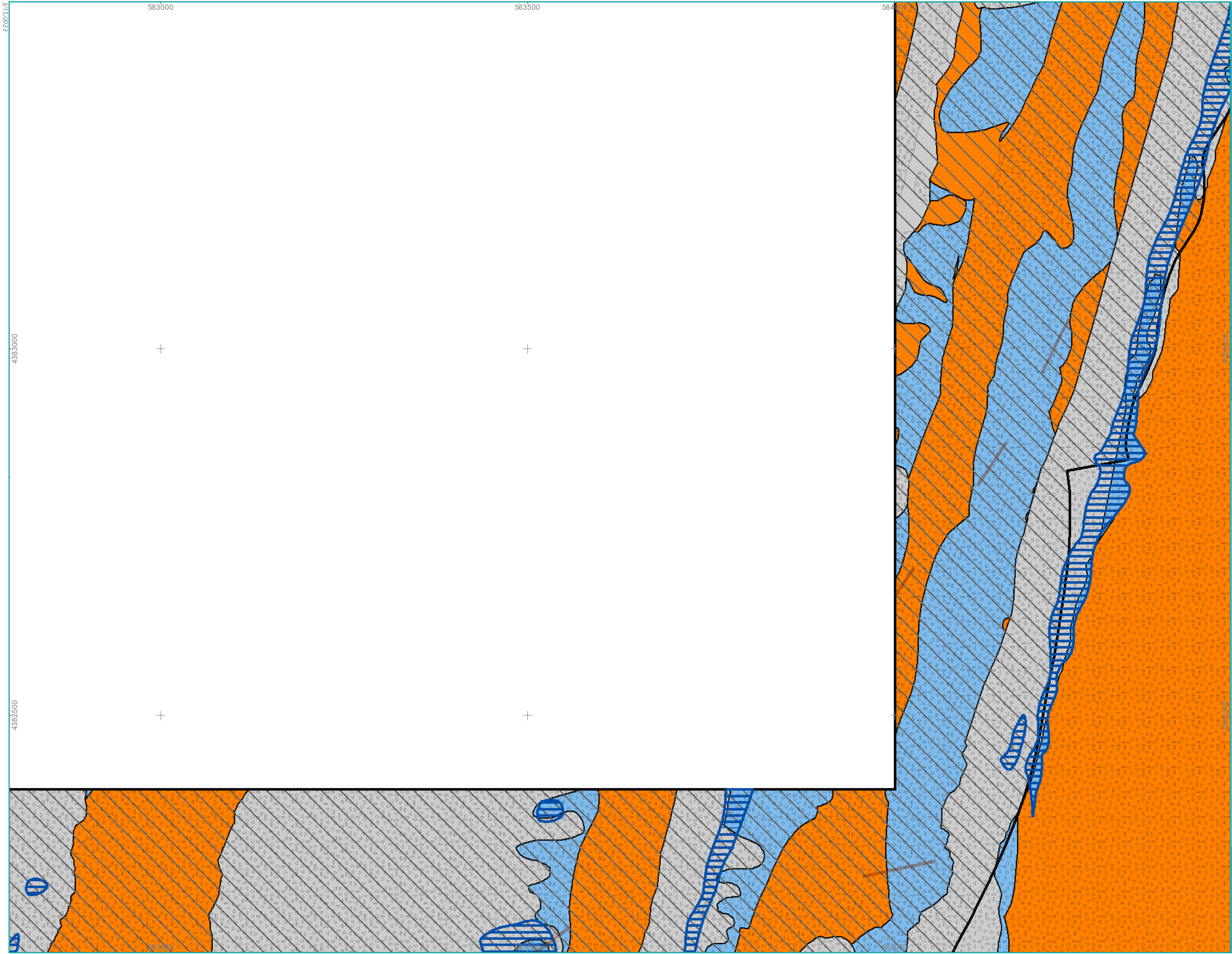
- Soft Bottom Station - SPI/PV
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3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

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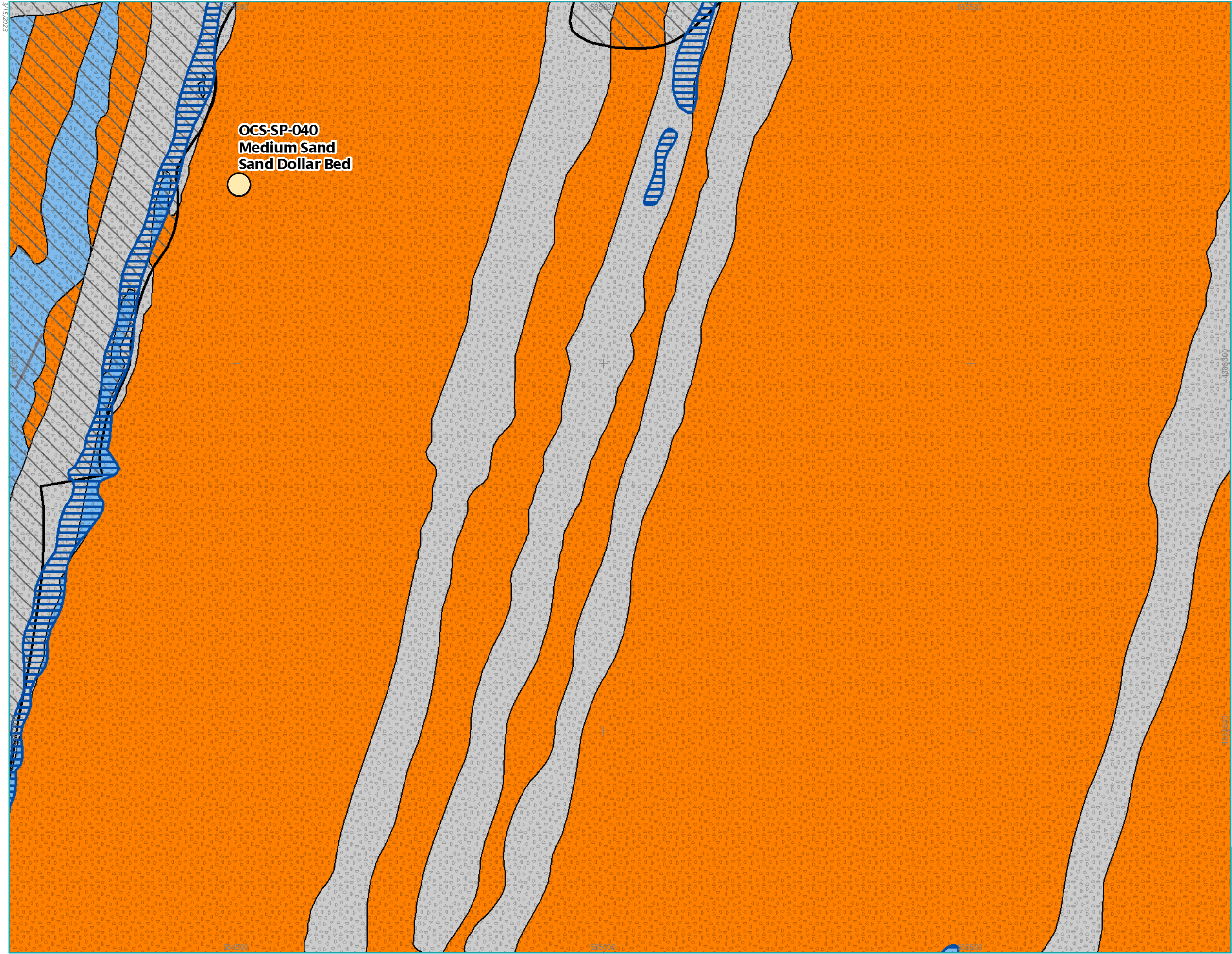


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Basemap: World Ocean Base, Esri

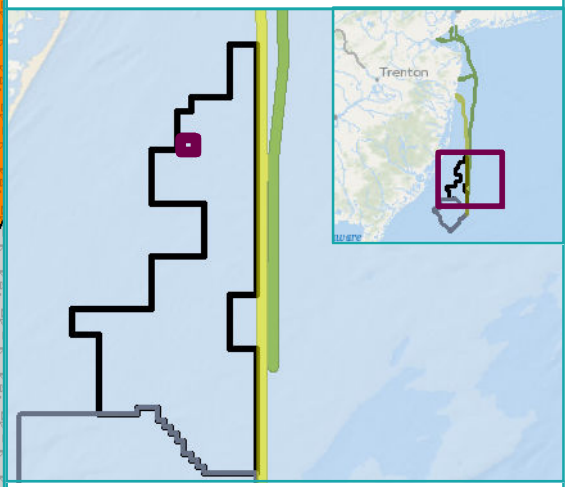
LEGEND

- Seabed Scar
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- Lease Area OCS-A-0549

3/15/2023



OCS-SP-040
Medium Sand
Sand Dollar Bed



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

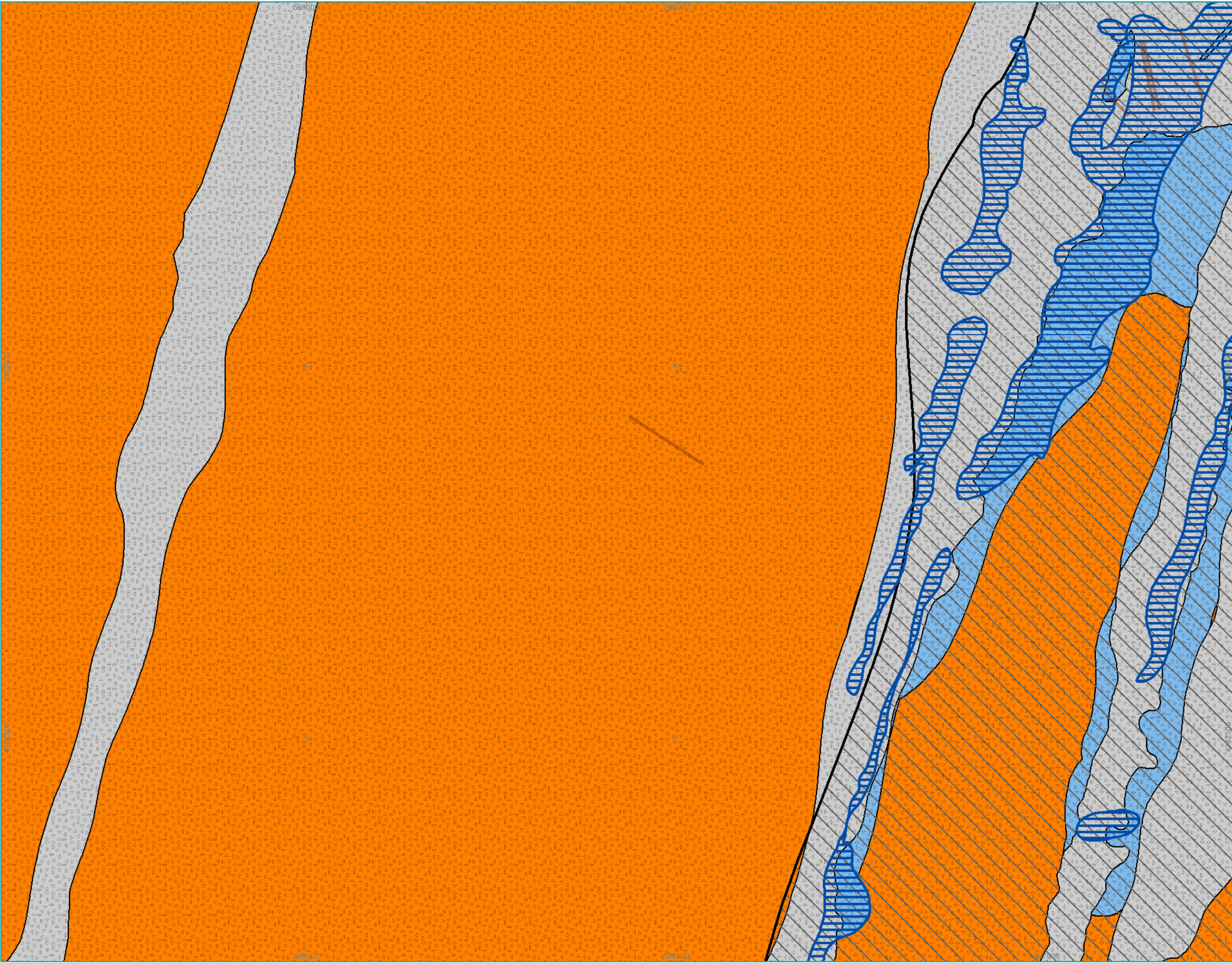
- LEGEND**
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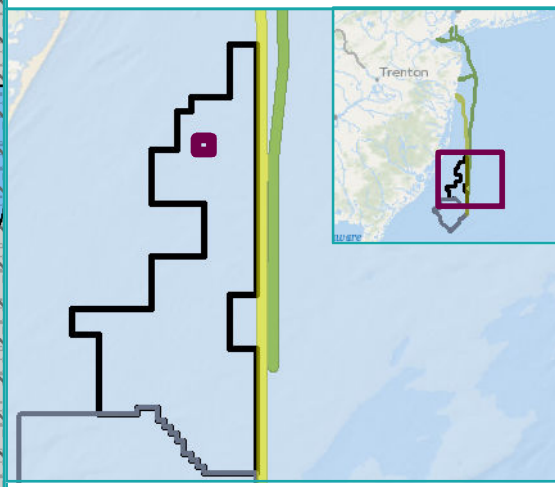
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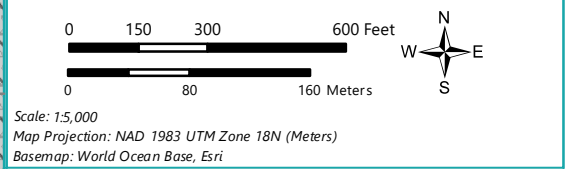
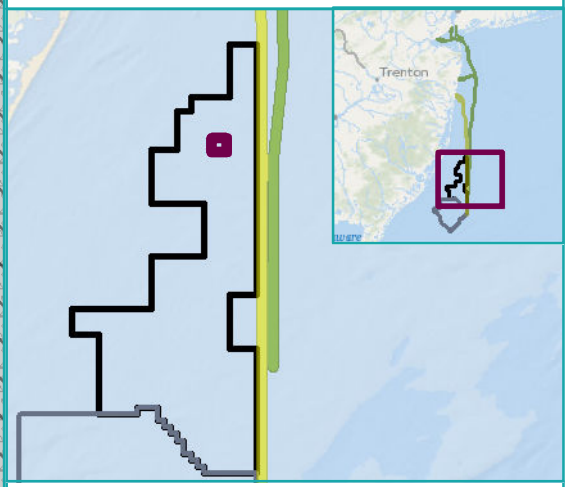
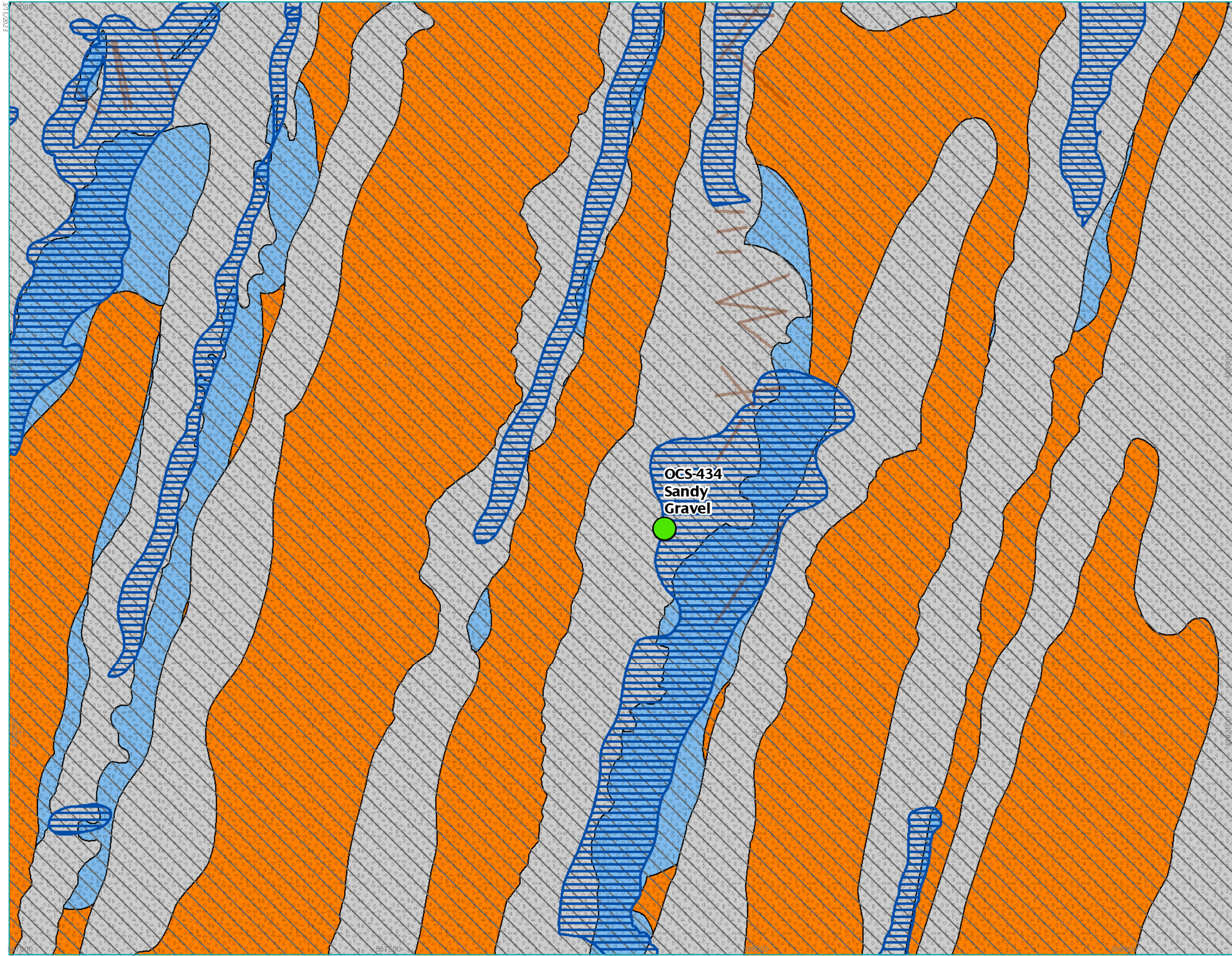
ATLANTIC SHORES offshore wind



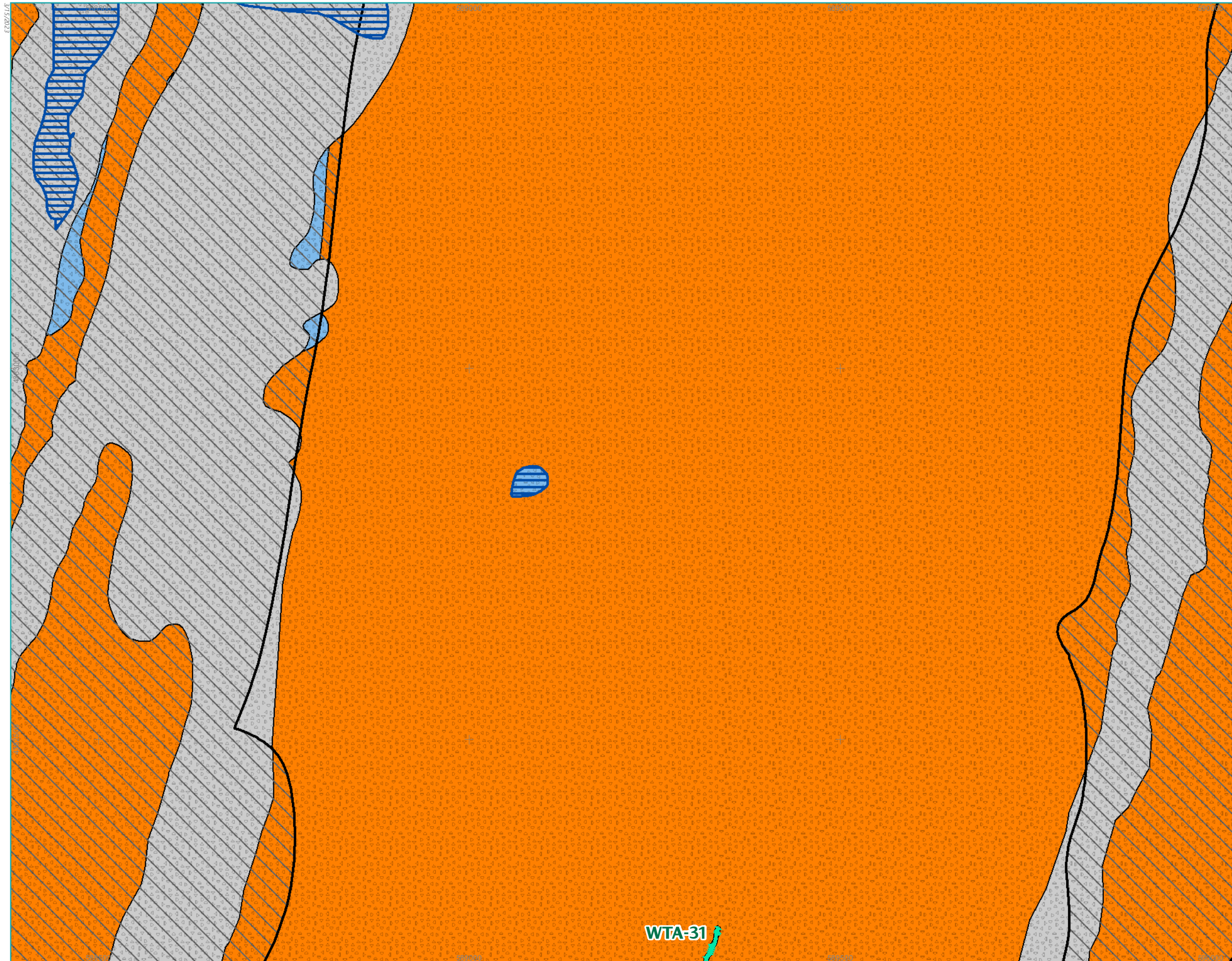
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

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3/17/2023



- LEGEND**
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 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

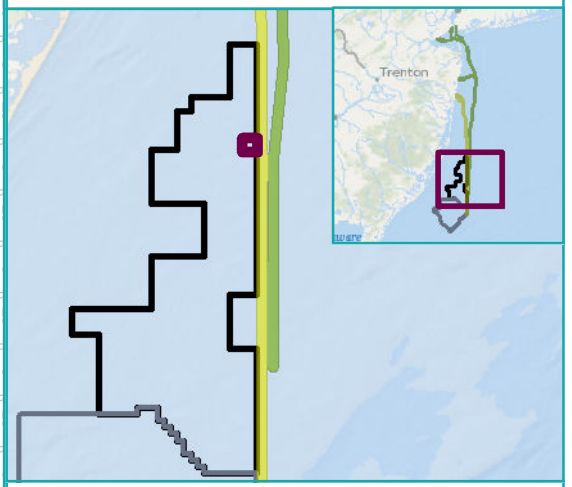
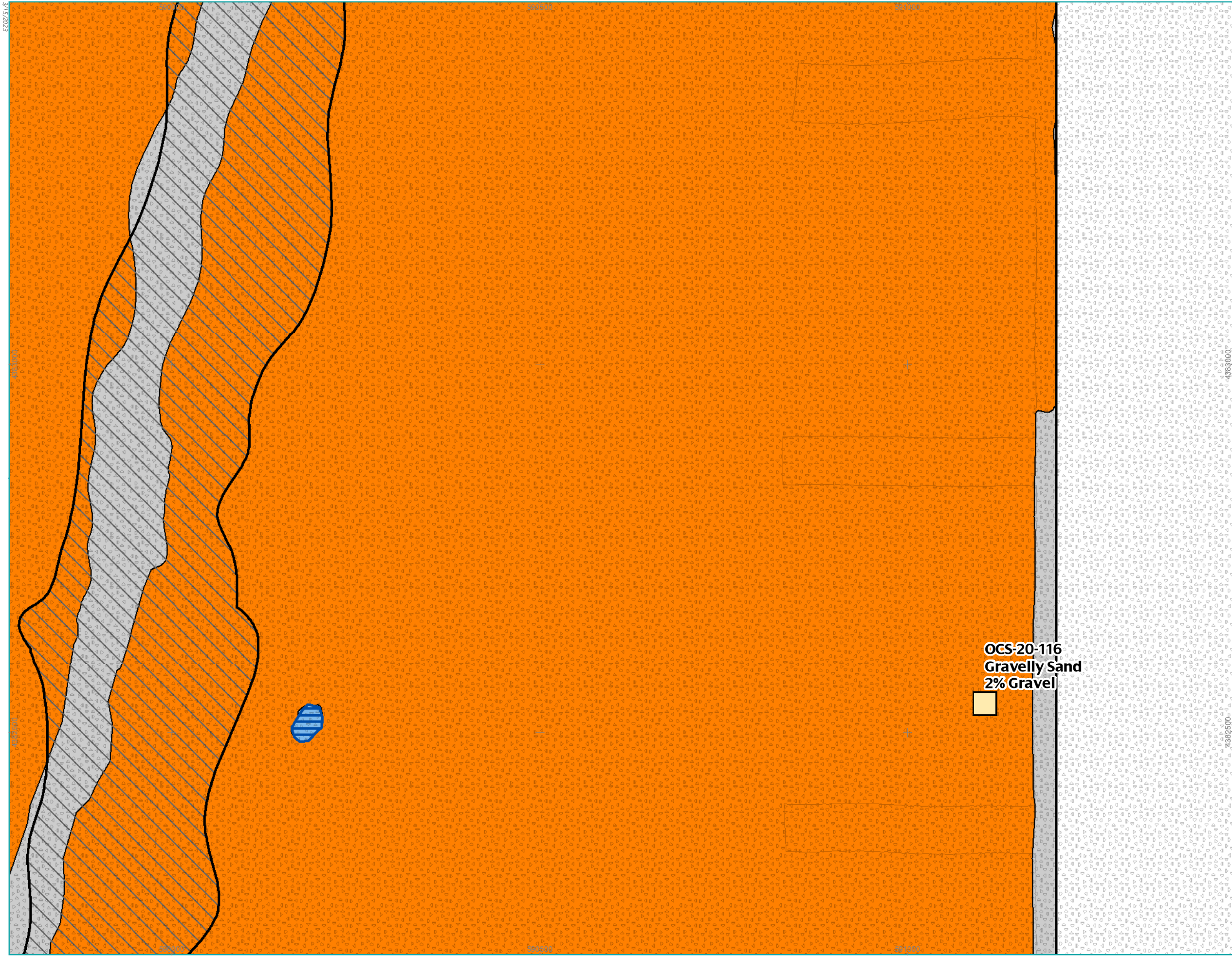
LEGEND

-
- Legend:
- Video Transect
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

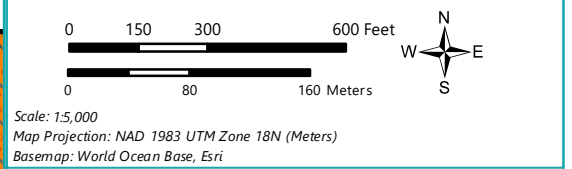
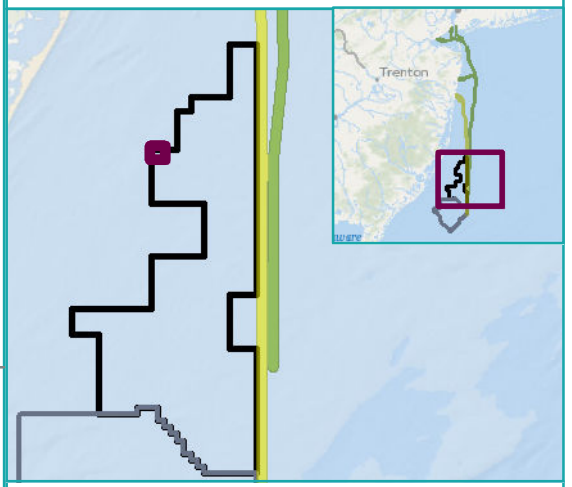
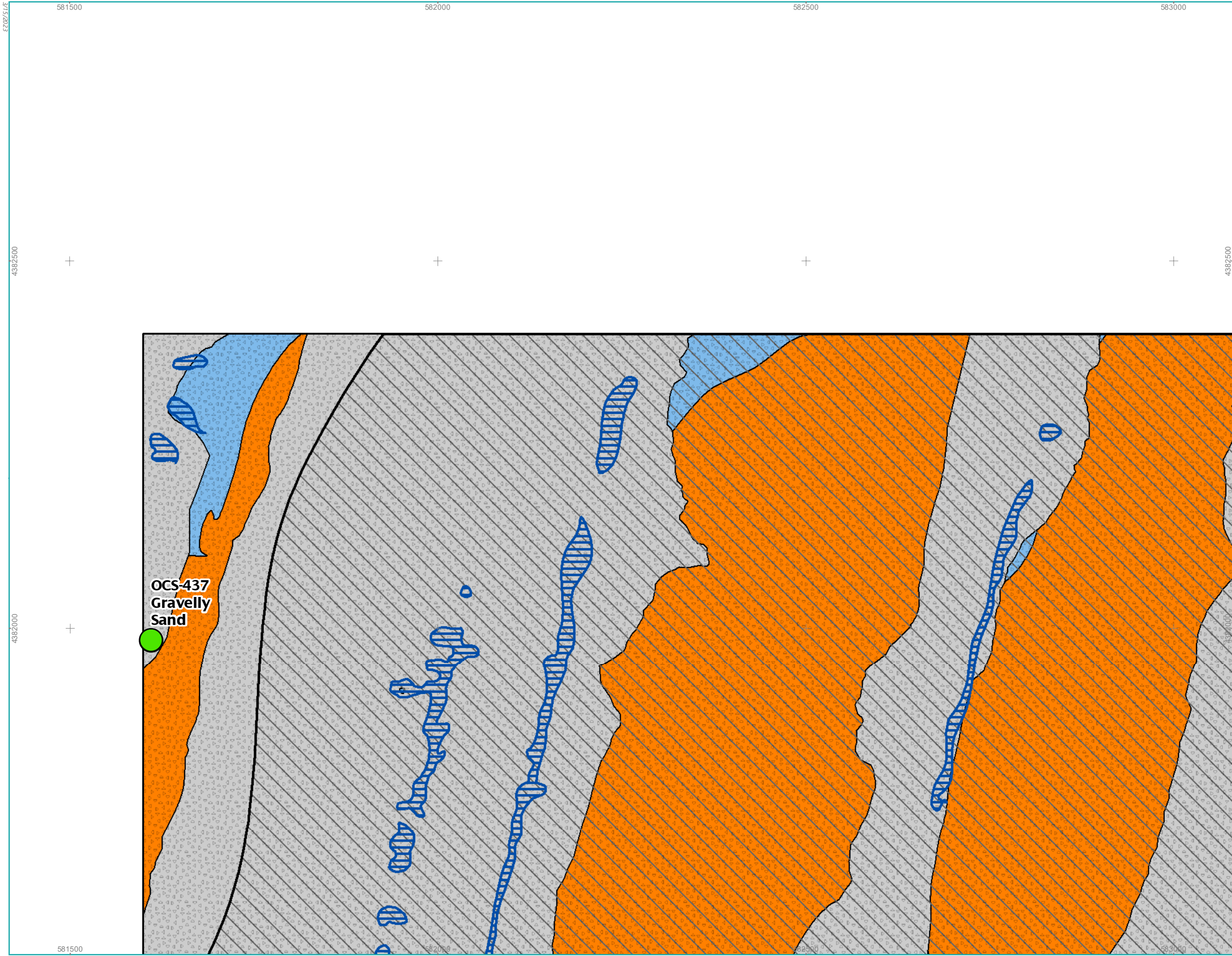
Lease Area OCS-A-0549
Slide 30 of 211

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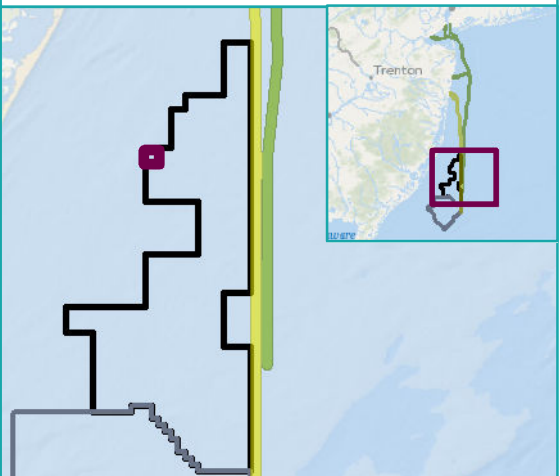
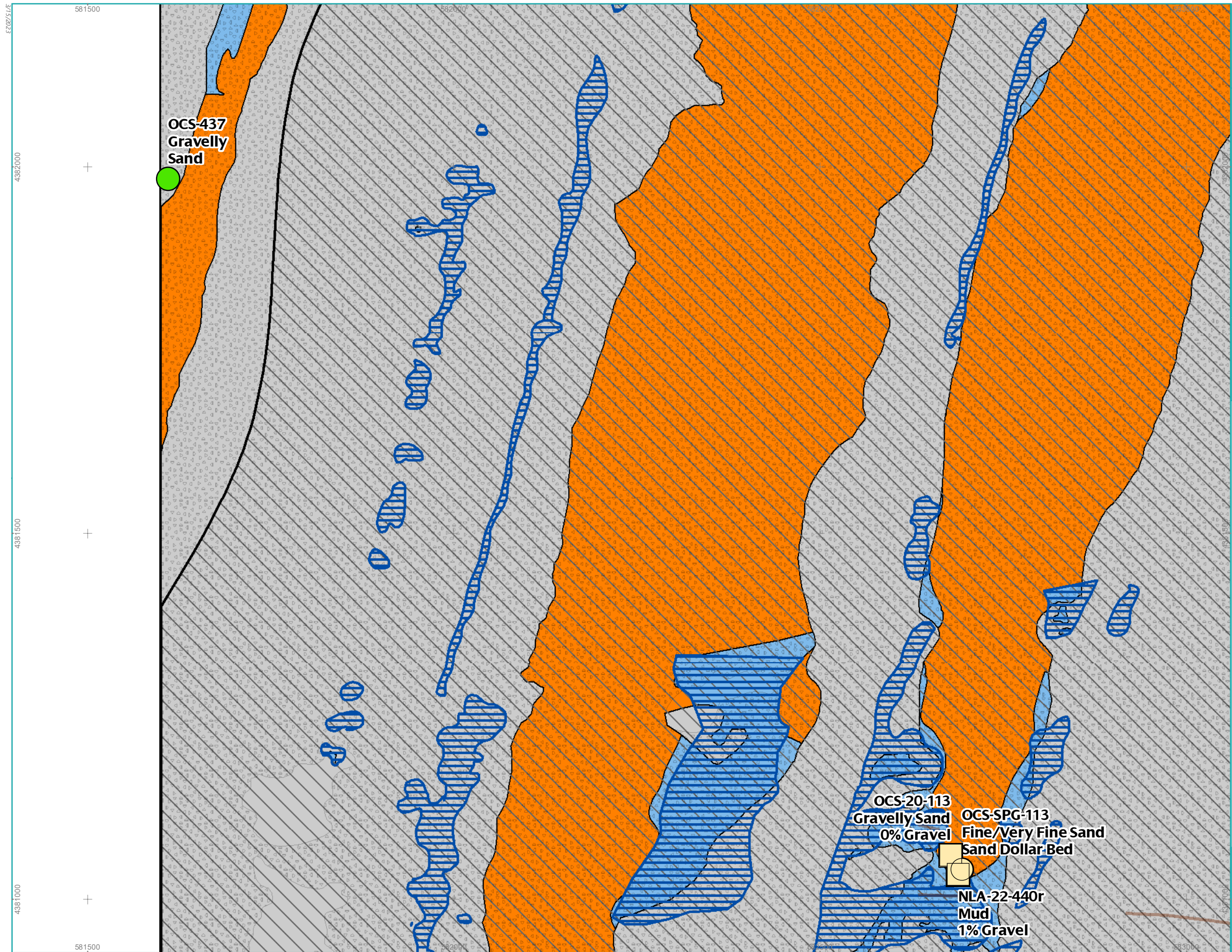


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



- LEGEND**
- Complex Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

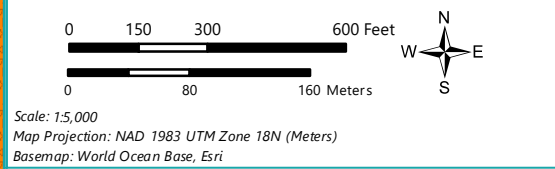
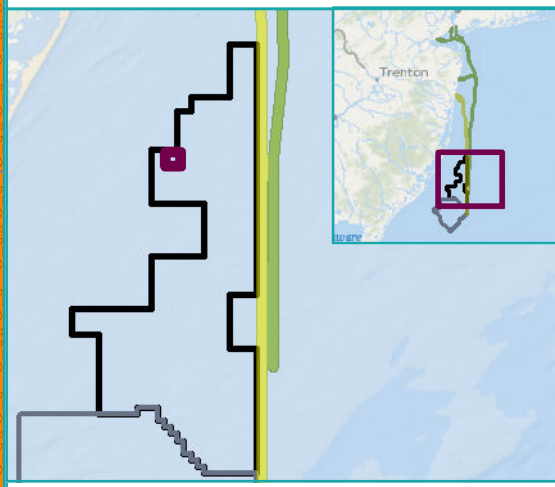
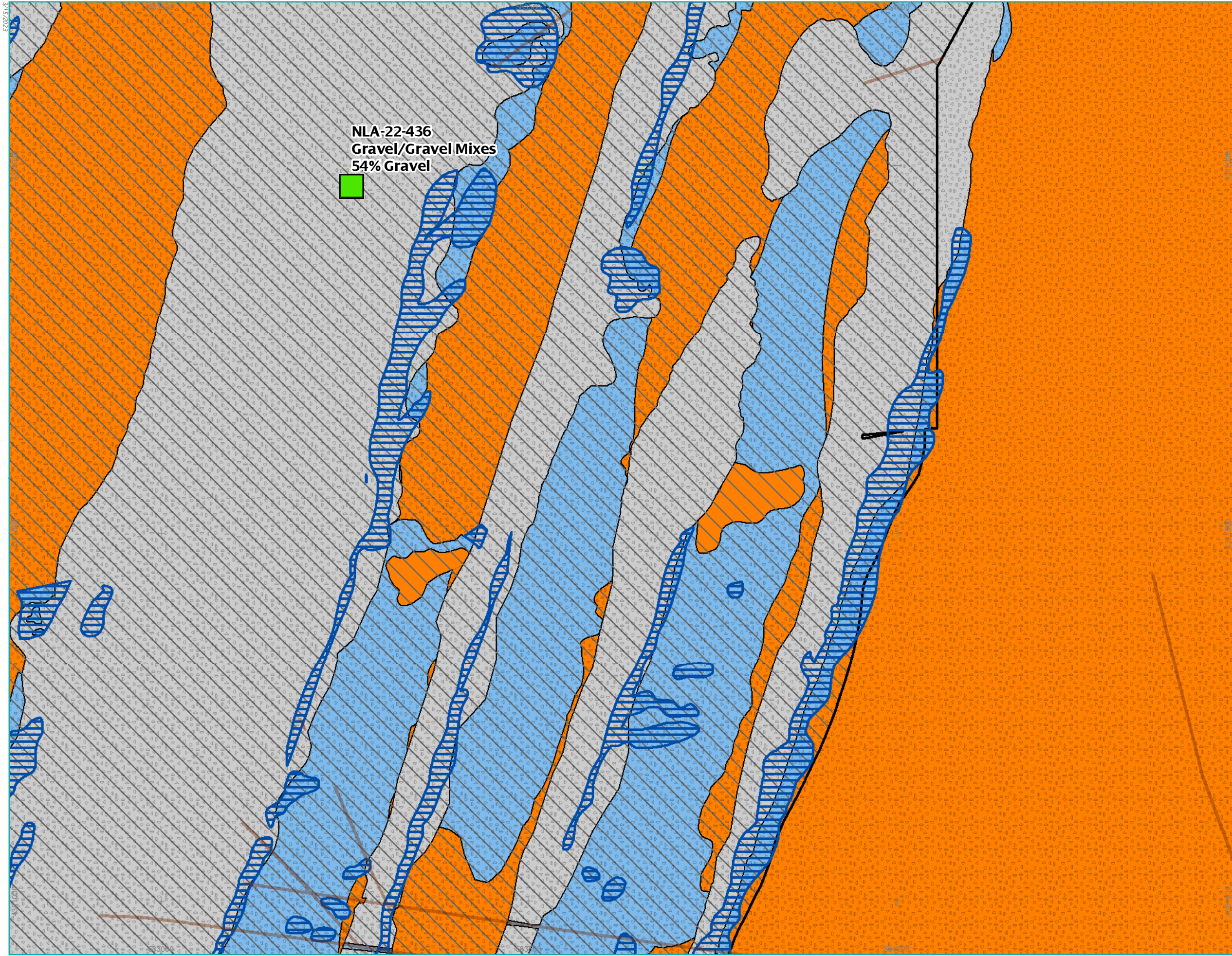
LEGEND

- Complex Bottom Station - SPI/PV
- Soft Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

**Atlantic Shores North EFH Maps
1:5000 Scale**

Lease Area OCS-A-0549
Slide 33 of 211

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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

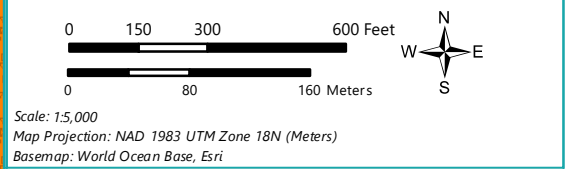
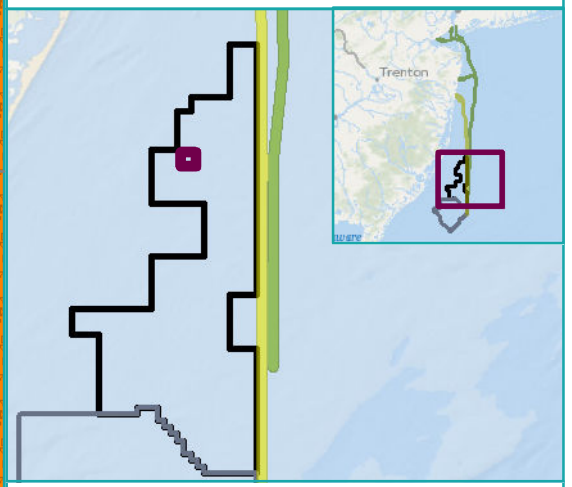
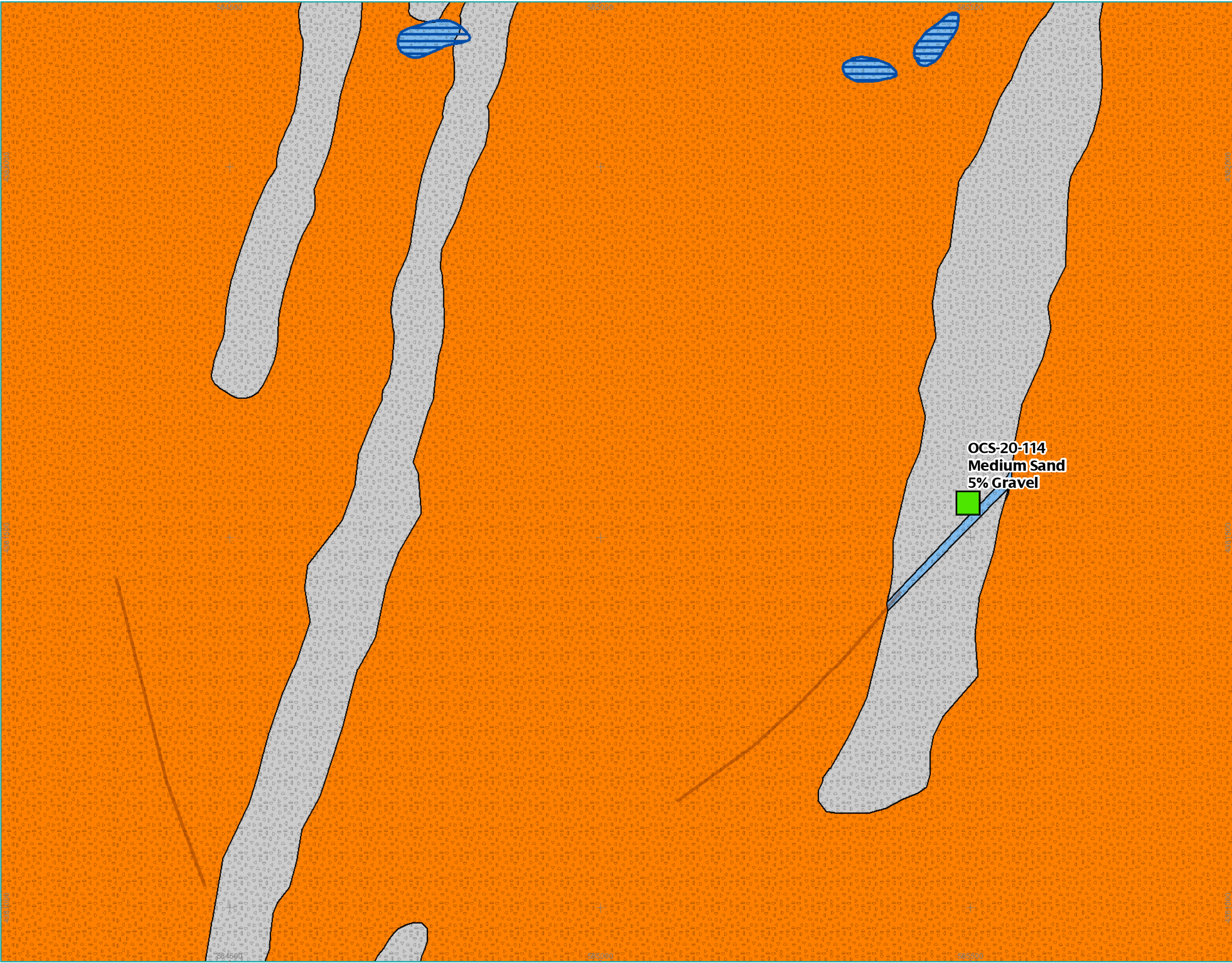
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

144°14'

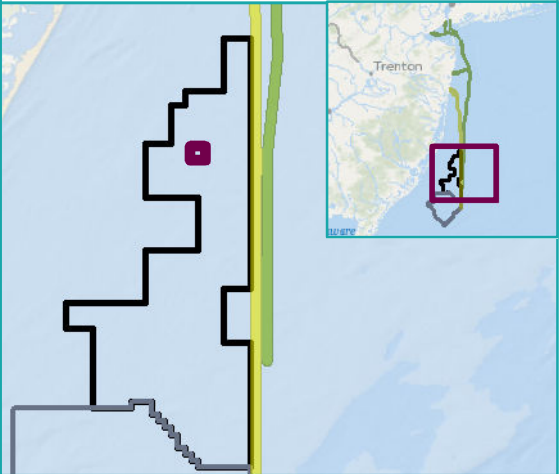
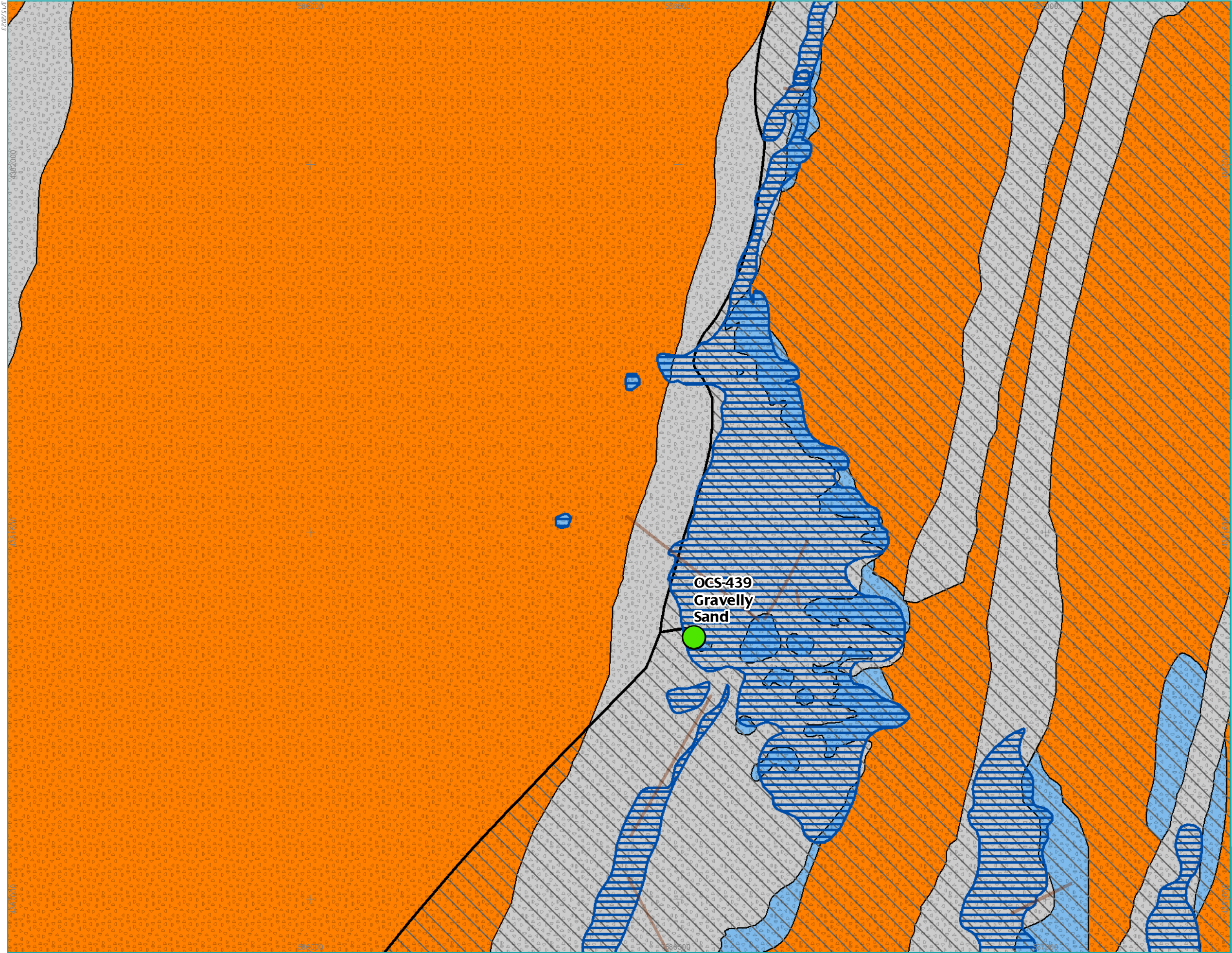
144°14'

144°14'



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

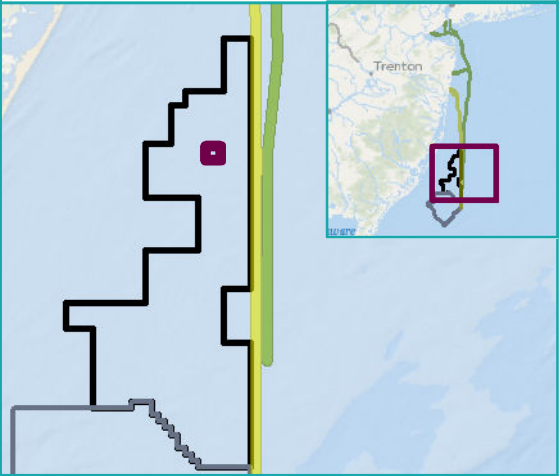
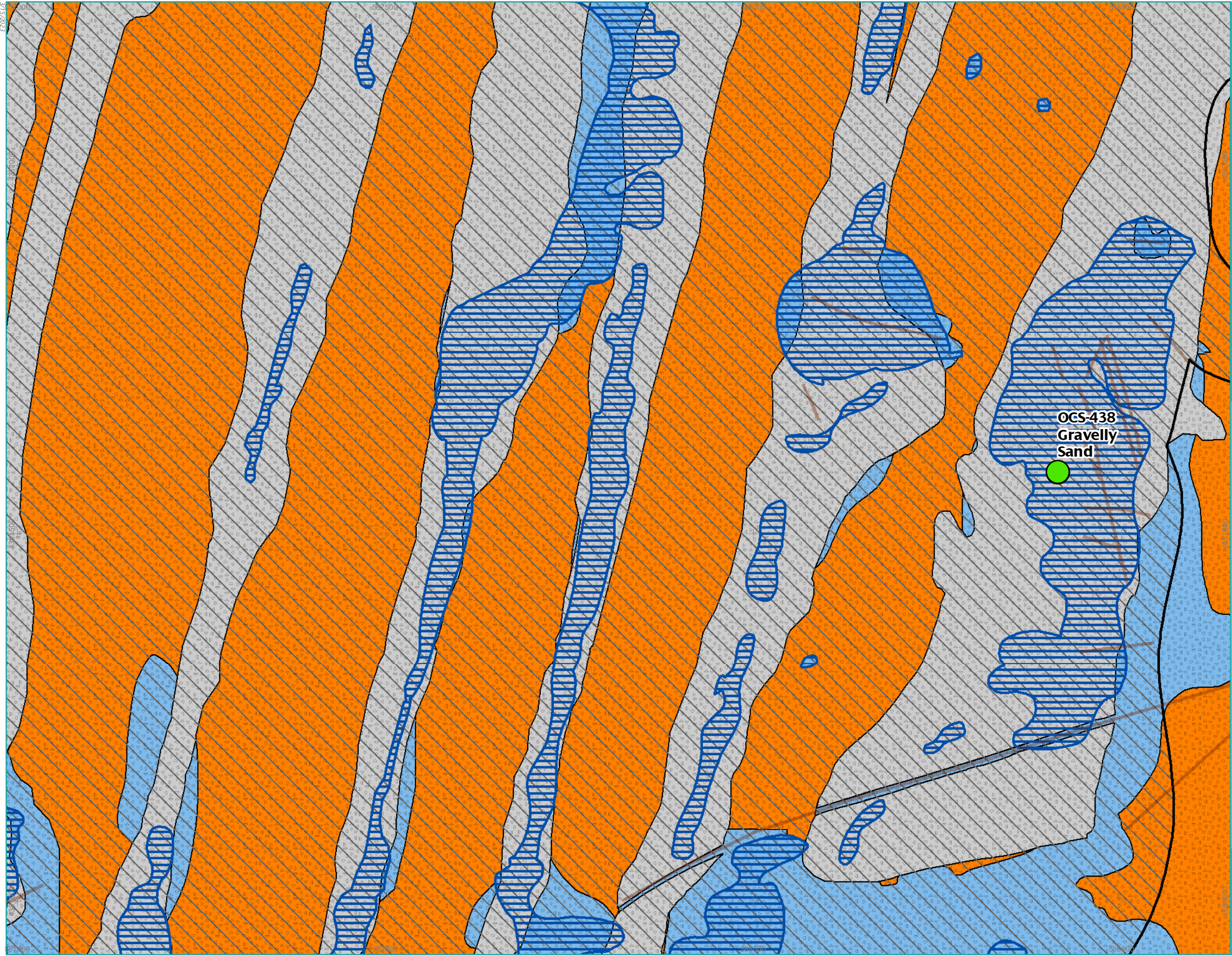
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

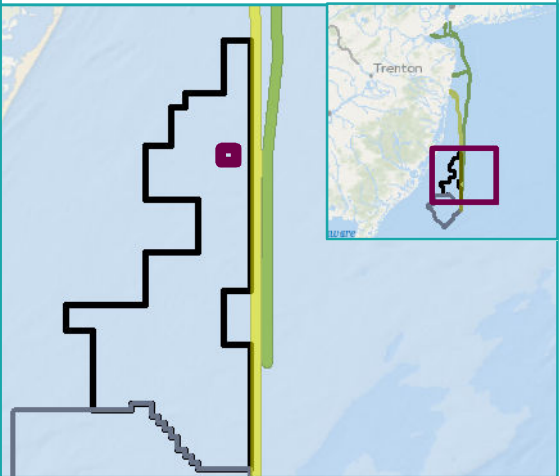
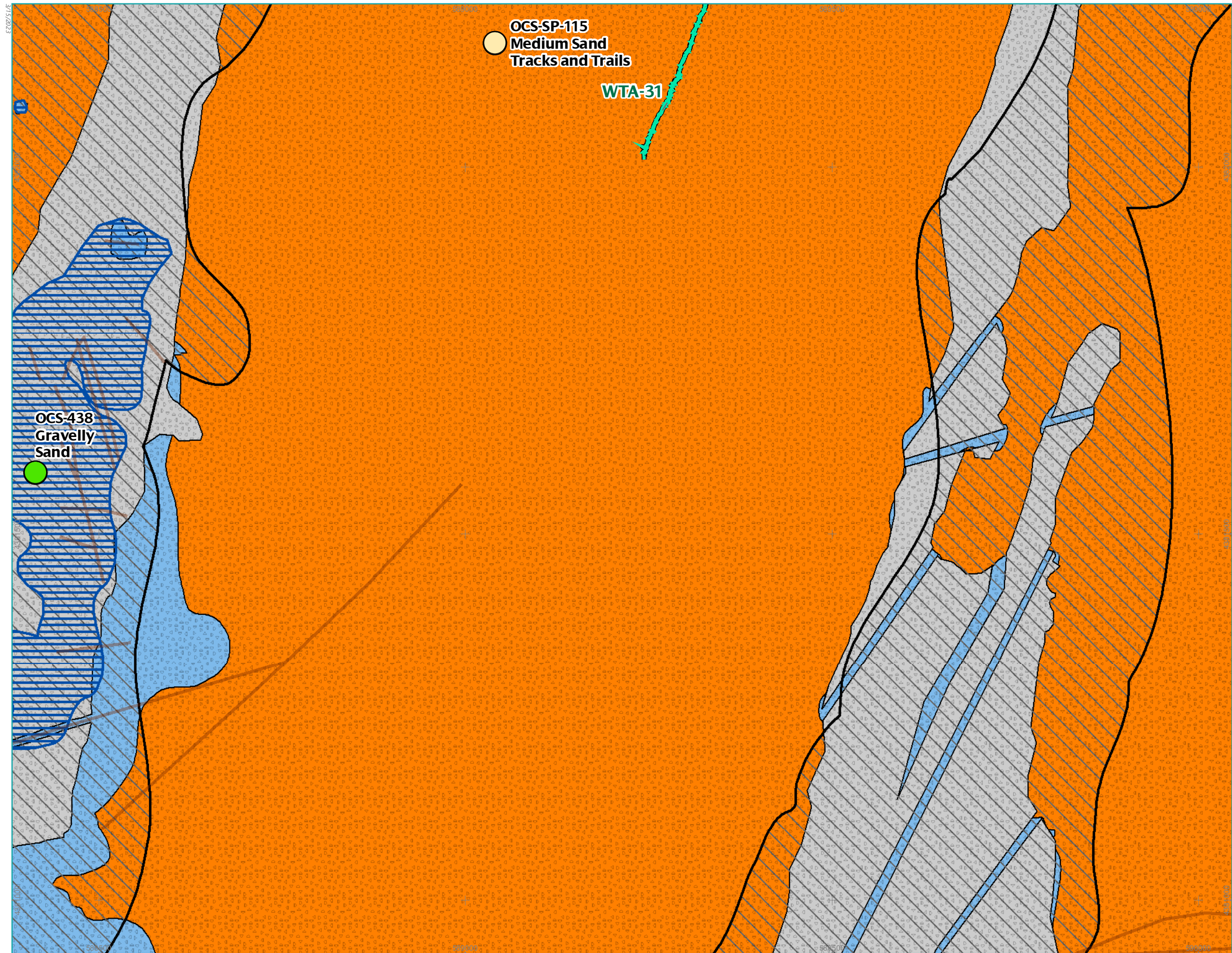
- Complex Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

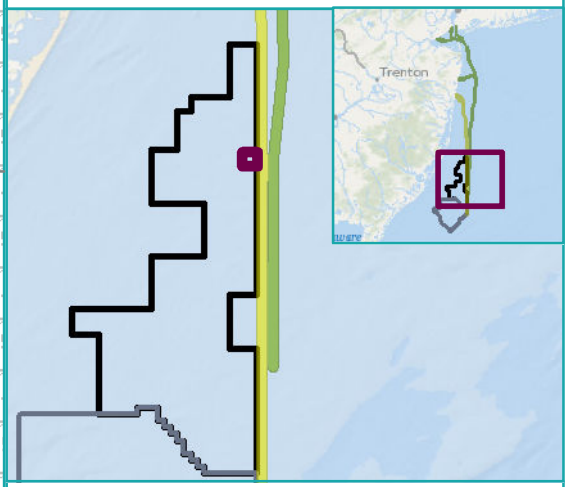
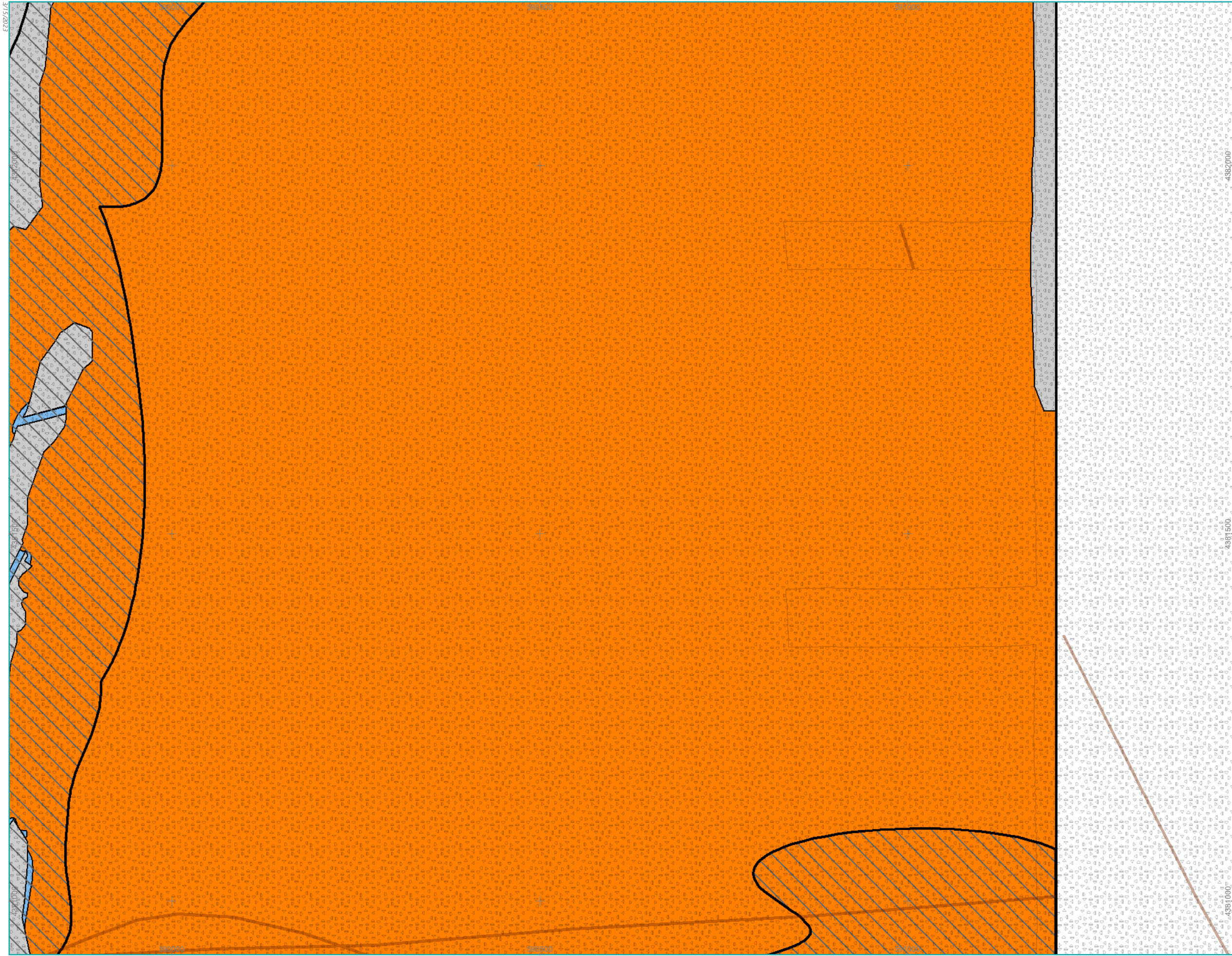


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - SPI/PV
- Soft Bottom Station - SPI/PV
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

3/7/2023

581500

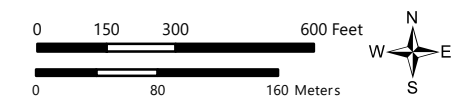
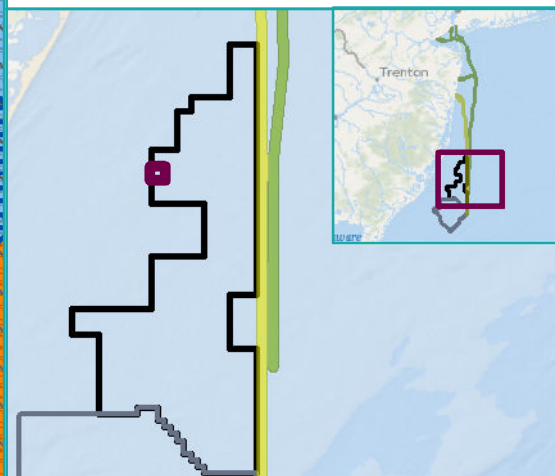
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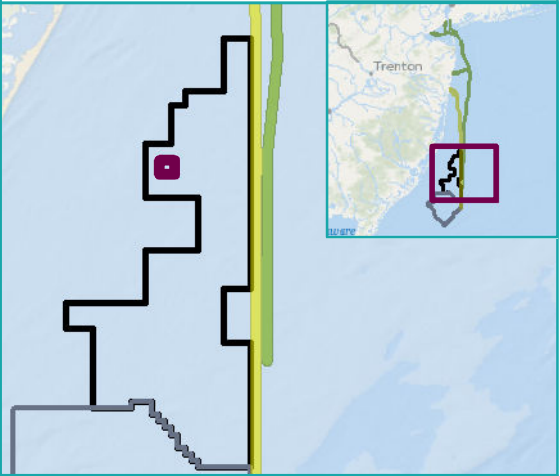
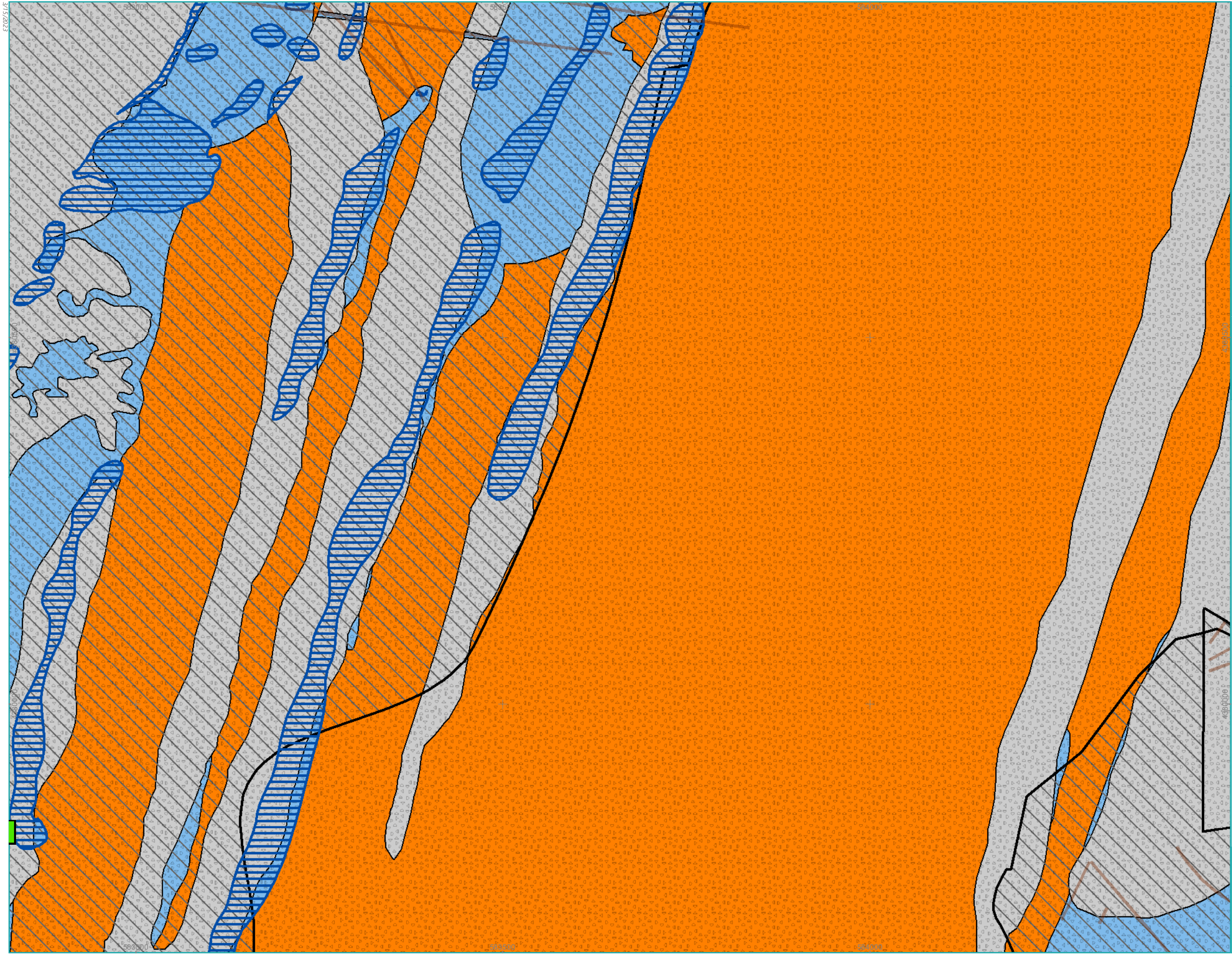
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

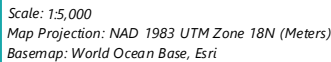
3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

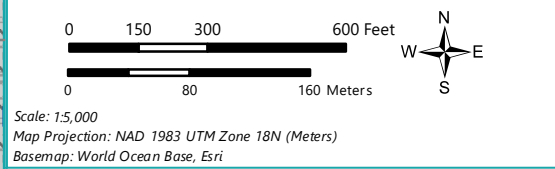
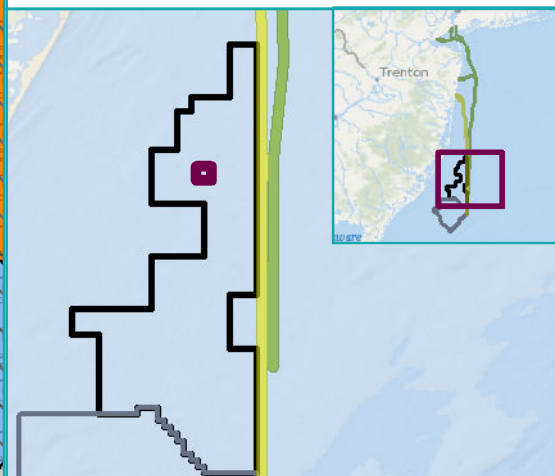
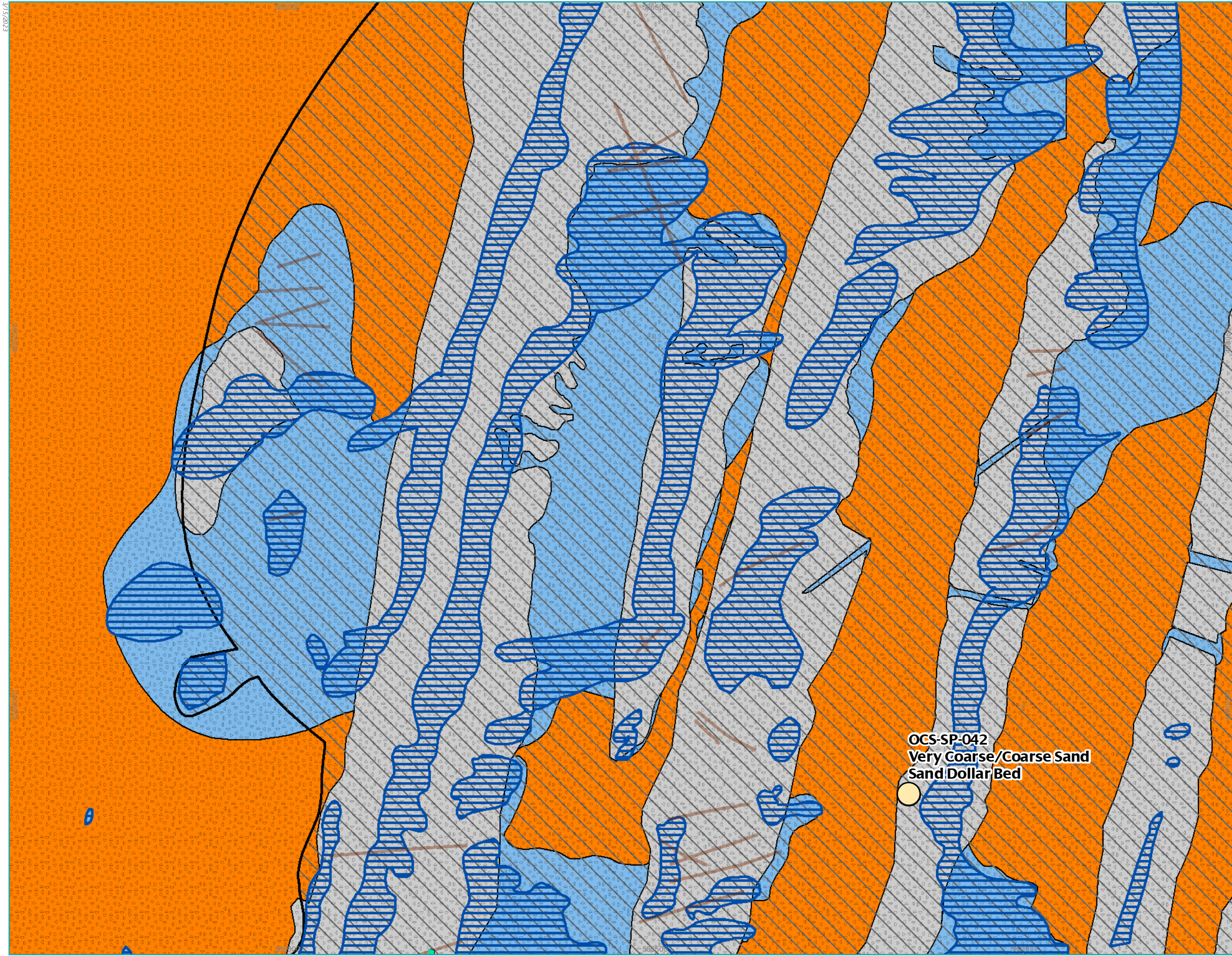


- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

1:5000

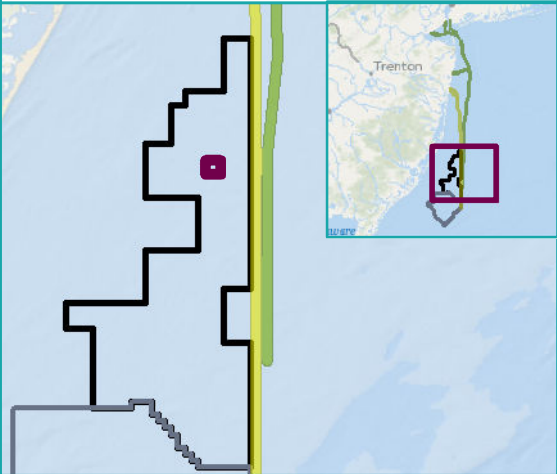
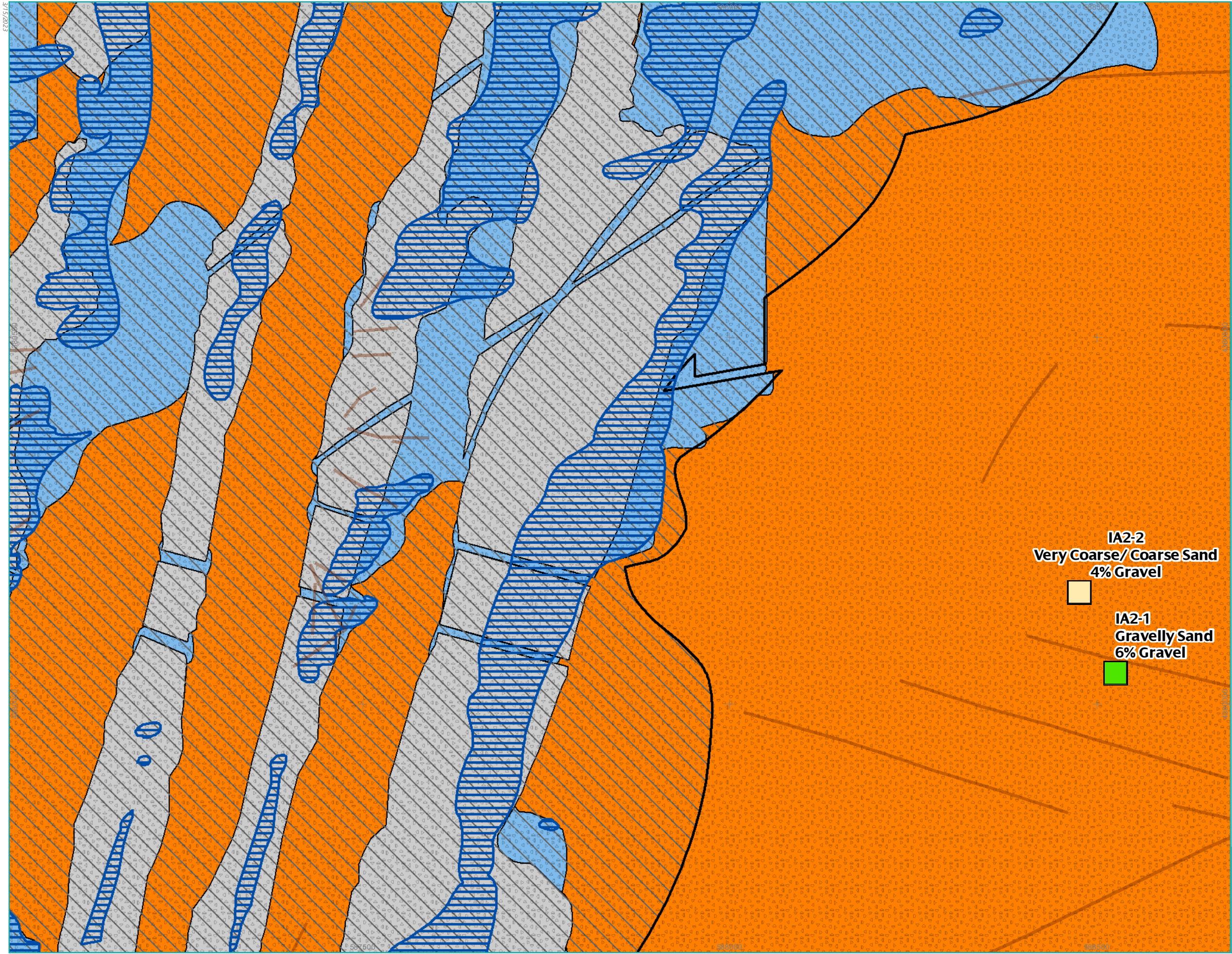
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/17/2023

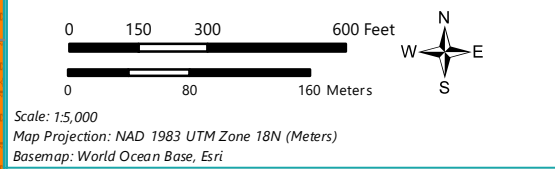
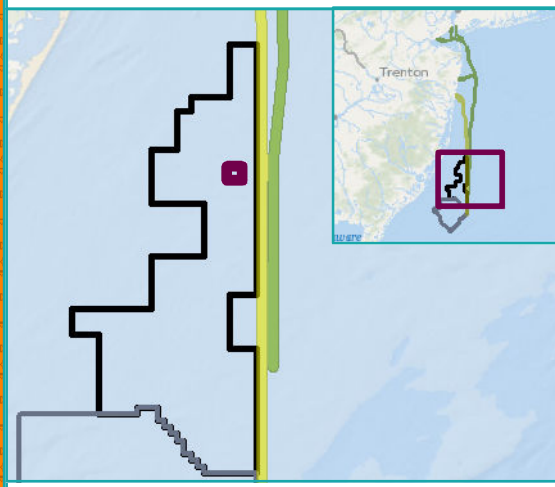


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

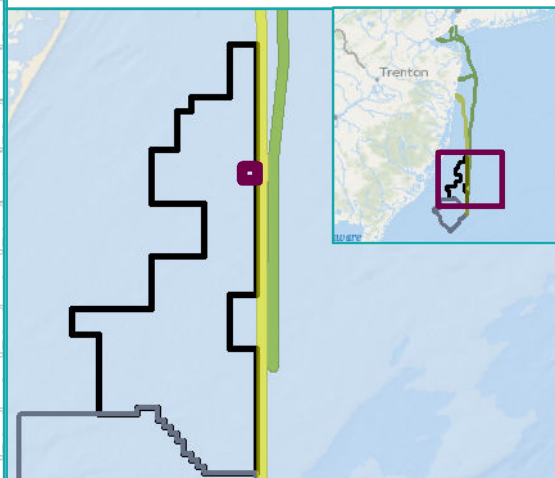
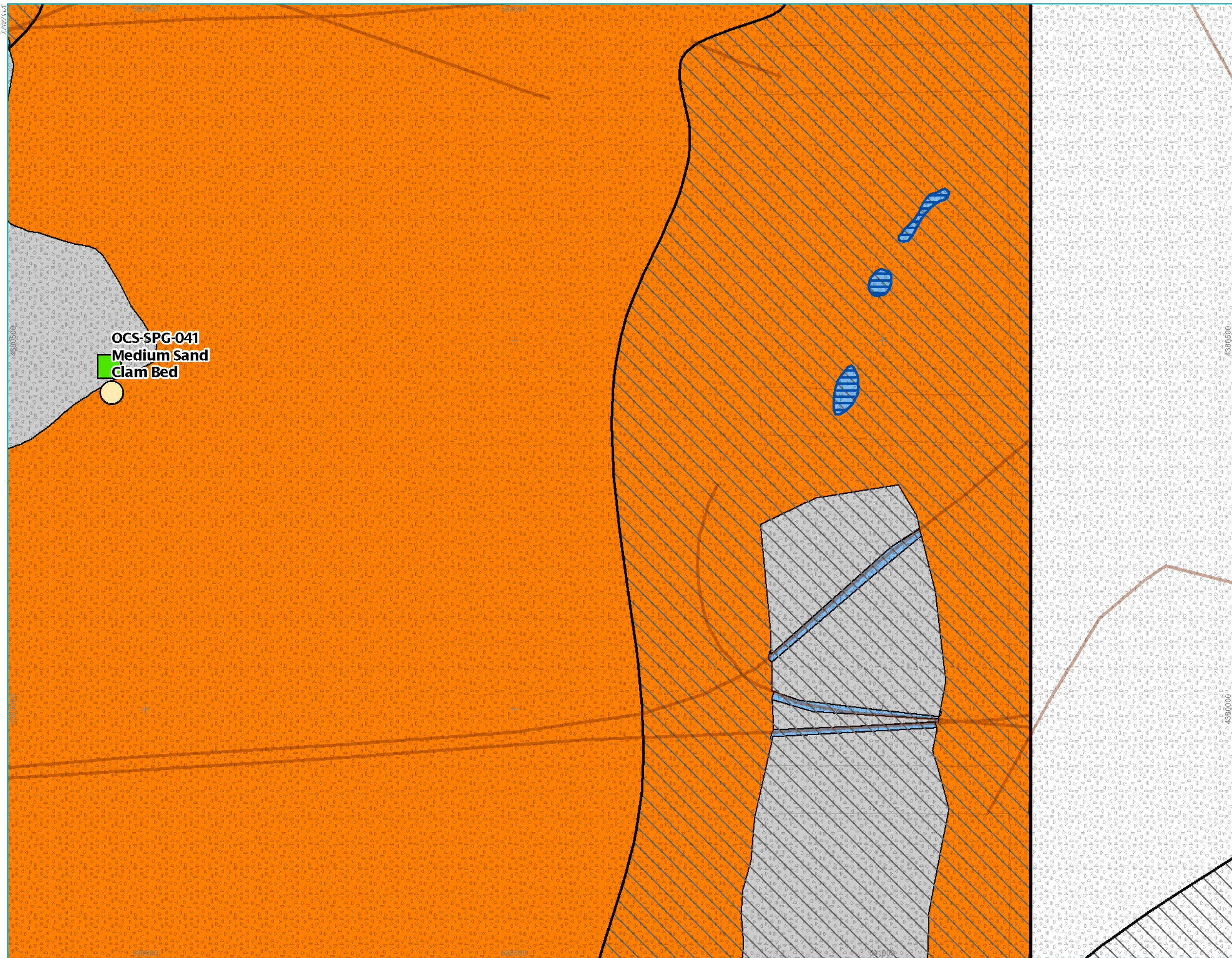
LEGEND

- Complex Bottom Station - Grab Sample
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

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- LEGEND**
- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

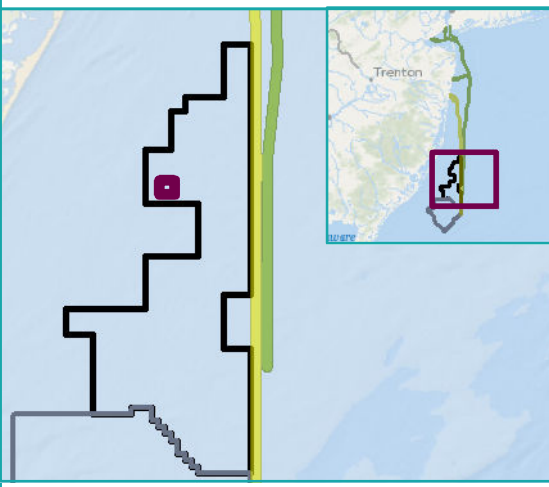
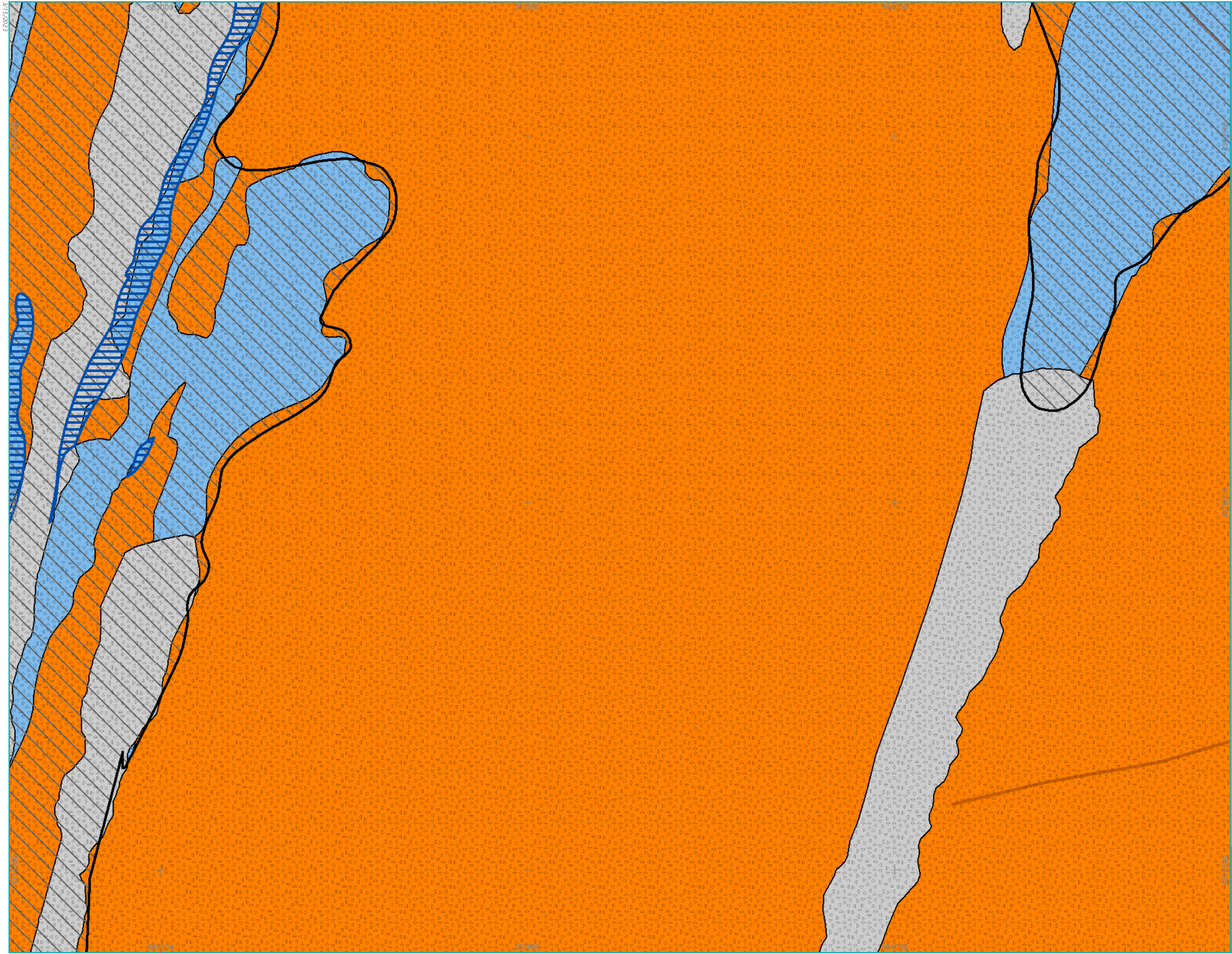


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Basemap: World Ocean Base, Esri

LEGEND

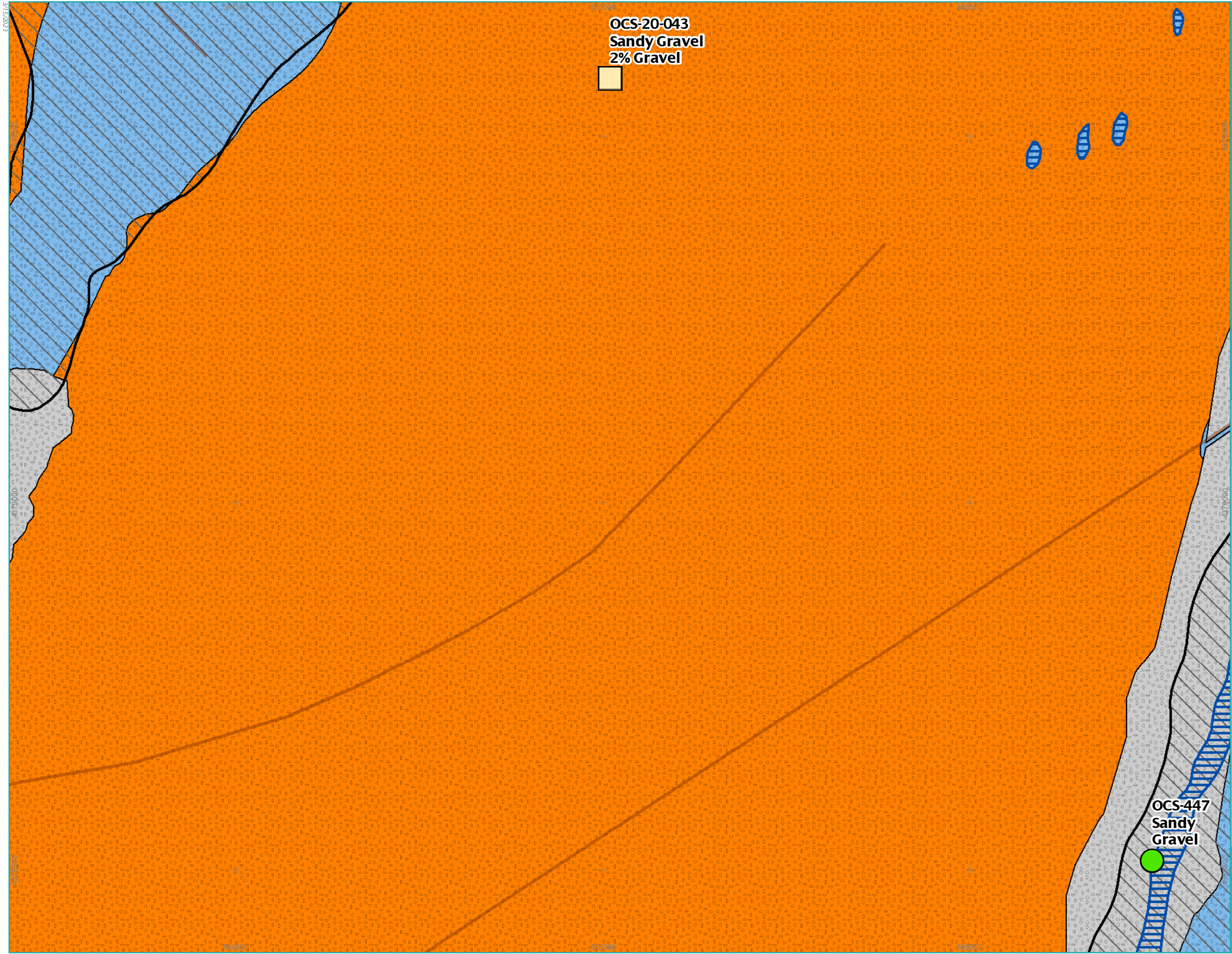
- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549
- Monmouth Export Cable Corridor (ECC)

3/17/2023

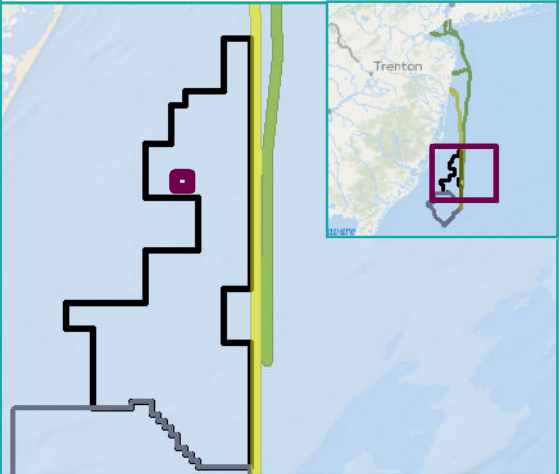


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



3/15/2023

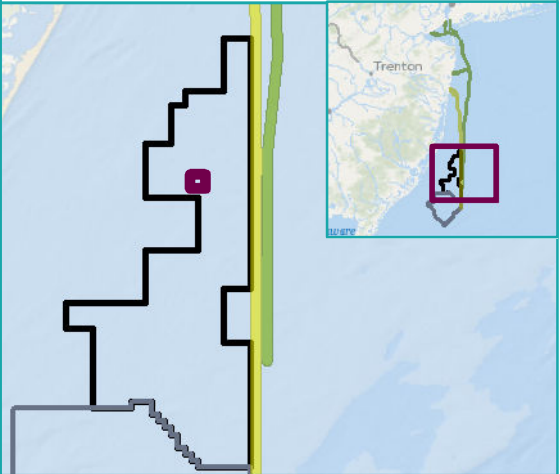
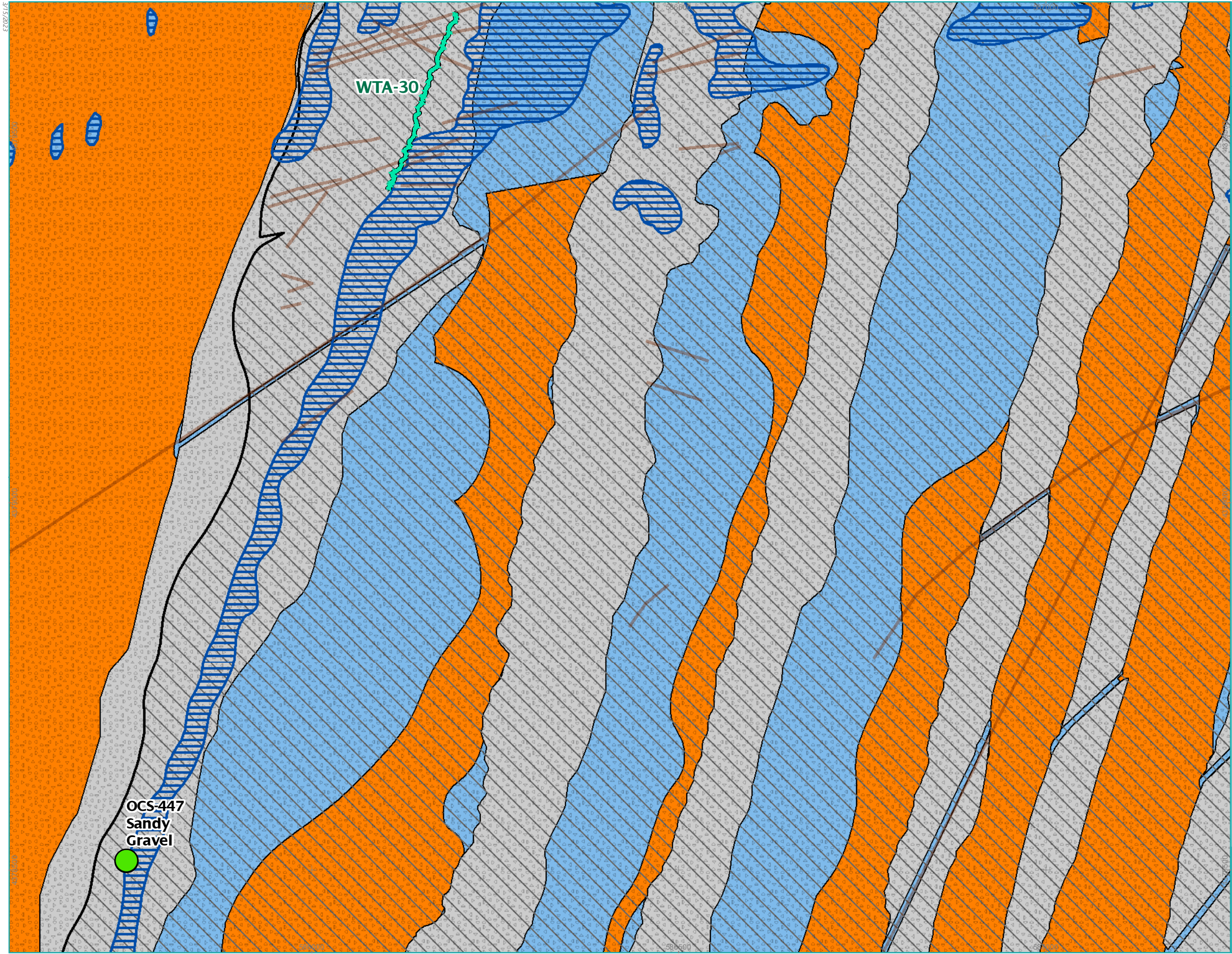


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station -
- Soft Bottom Station - Grab
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex
- Soft Bottom Habitat
- Lease Area OCS-A-0549

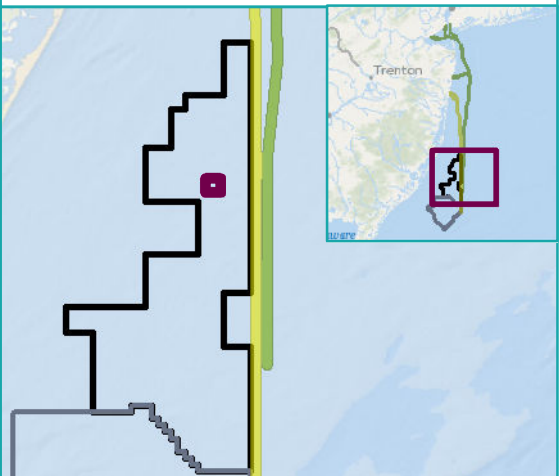
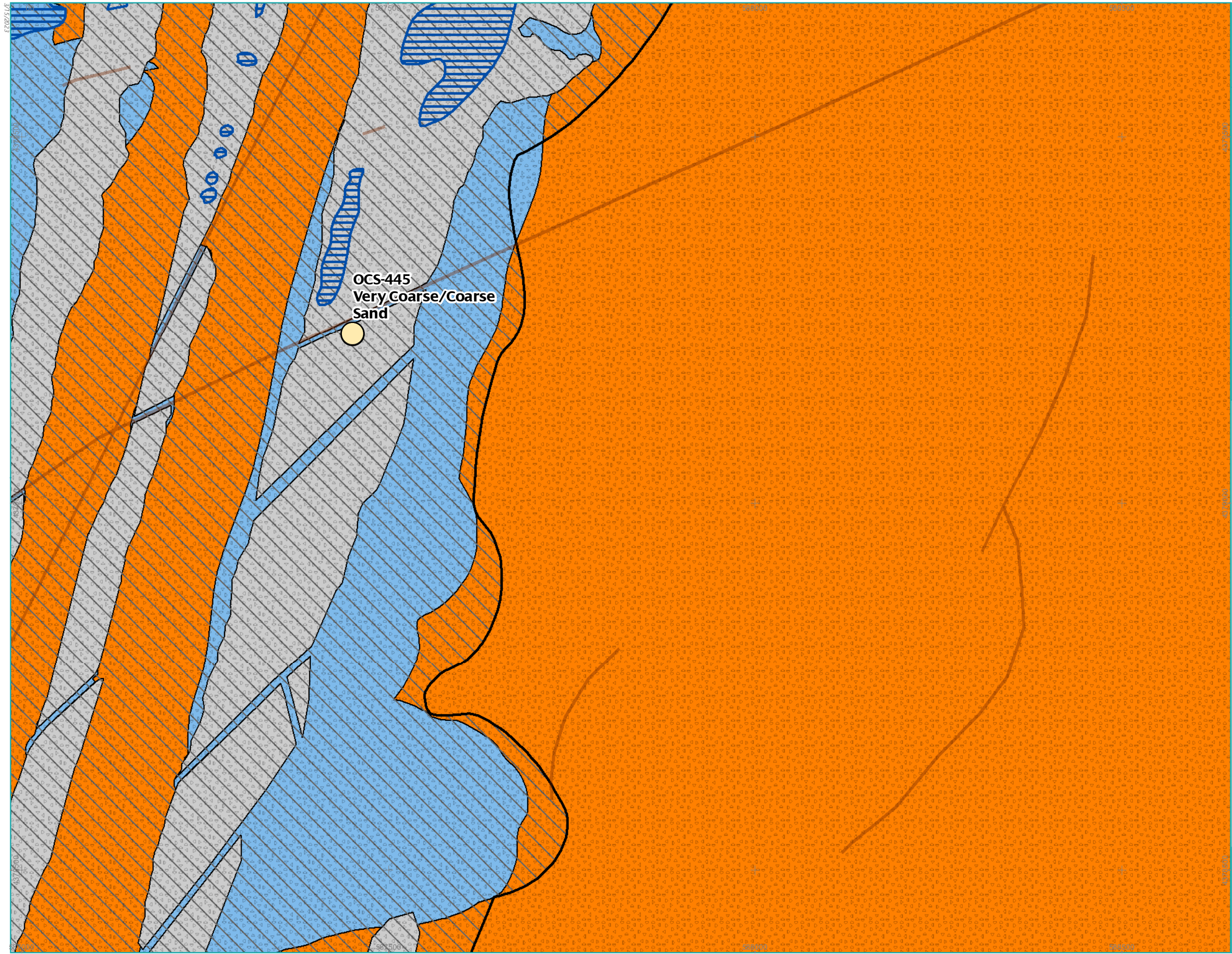
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station -
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

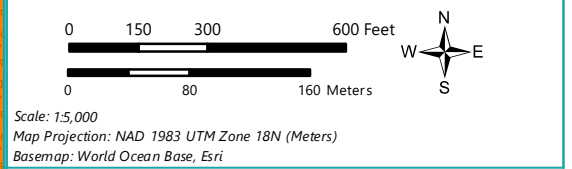
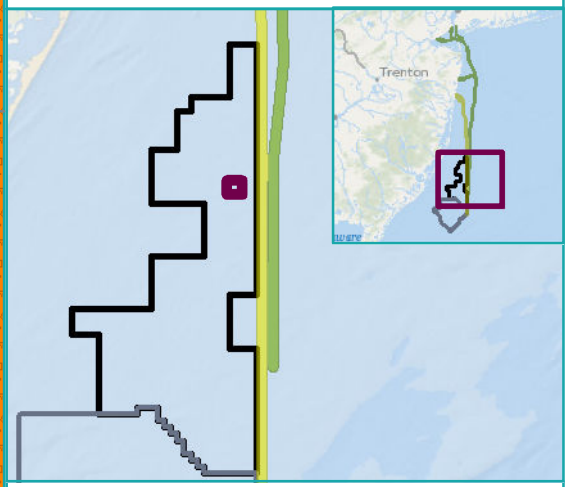
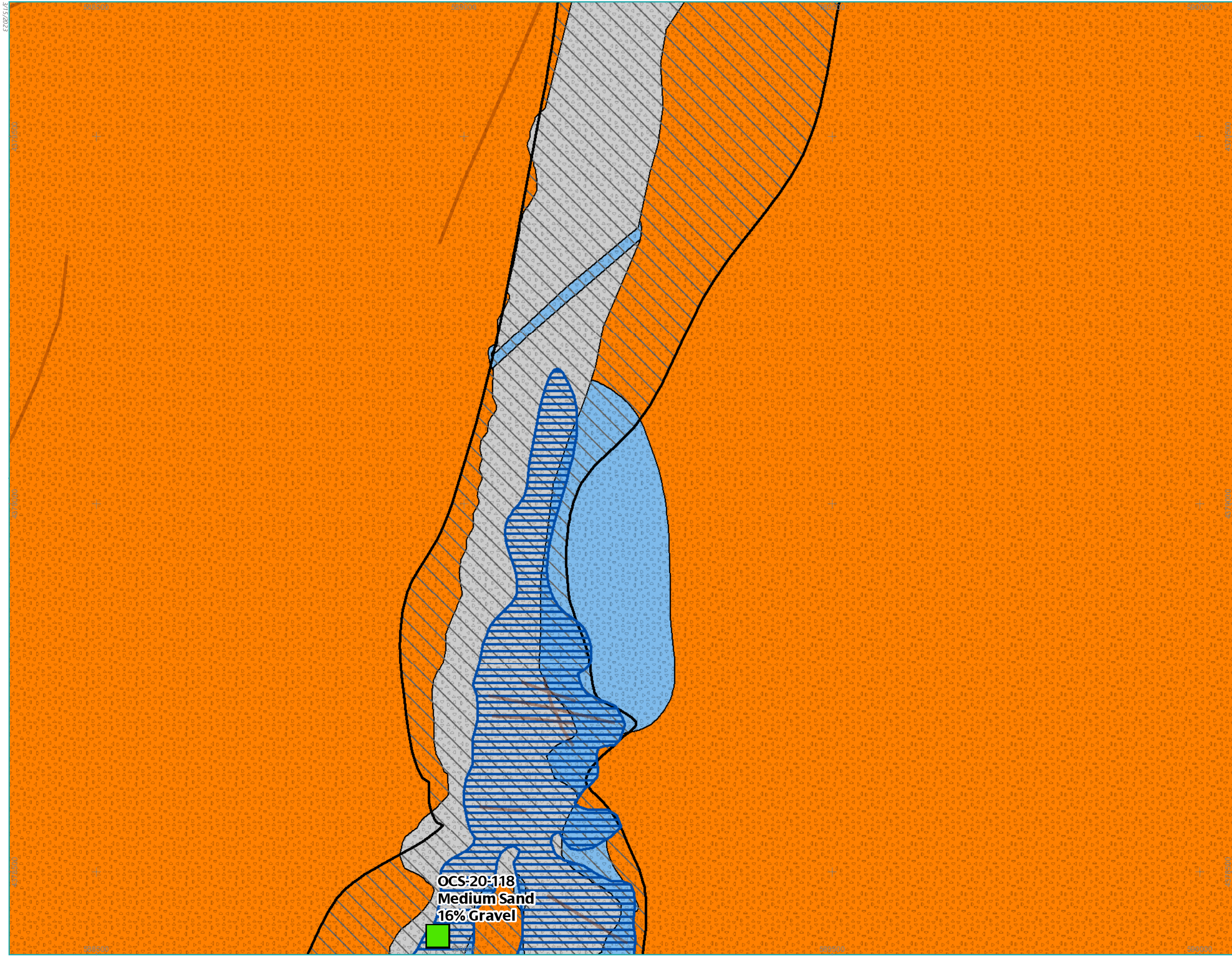
LEGEND

-  Soft Bottom Station - SPI/PV
-  Seabed Scar
-  Localized Relief Features
-  Ripple
-  Sand Wave
-  Complex Habitat
-  Heterogeneous Complex Habitat
-  Soft Bottom Habitat
-  Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

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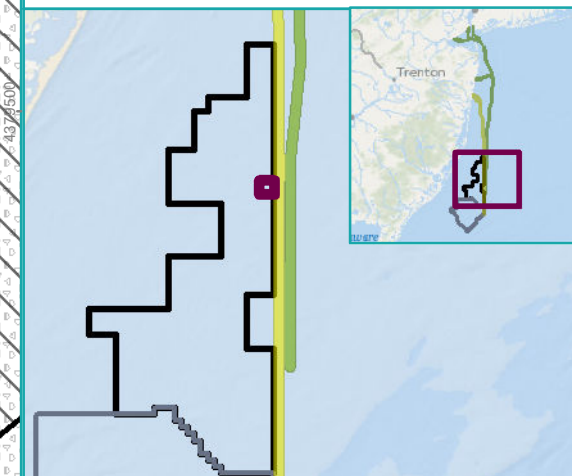
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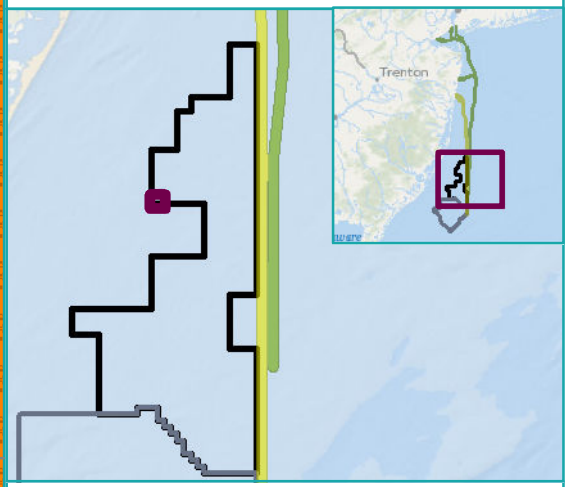
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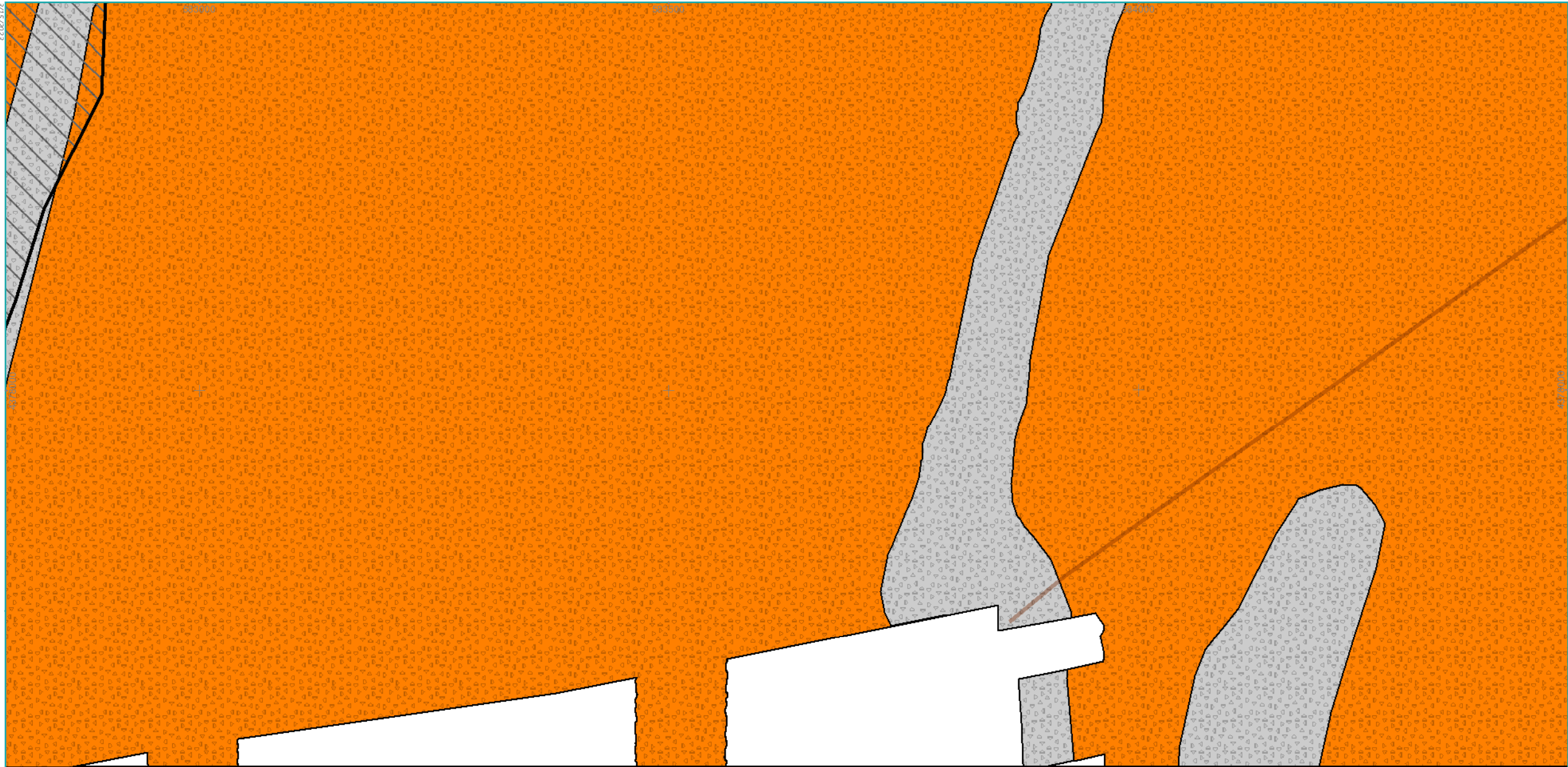
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
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 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
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 - Lease Area OCS-A-0549



3/17/2023

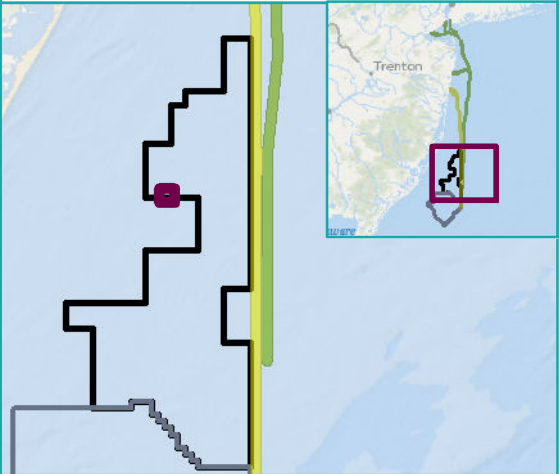
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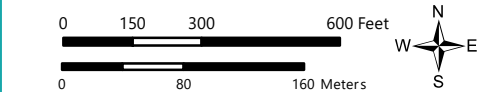
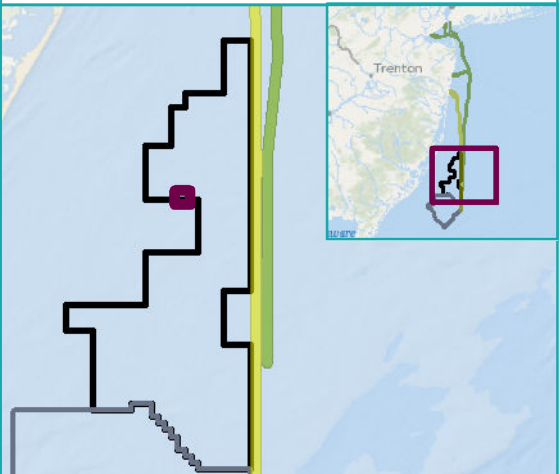
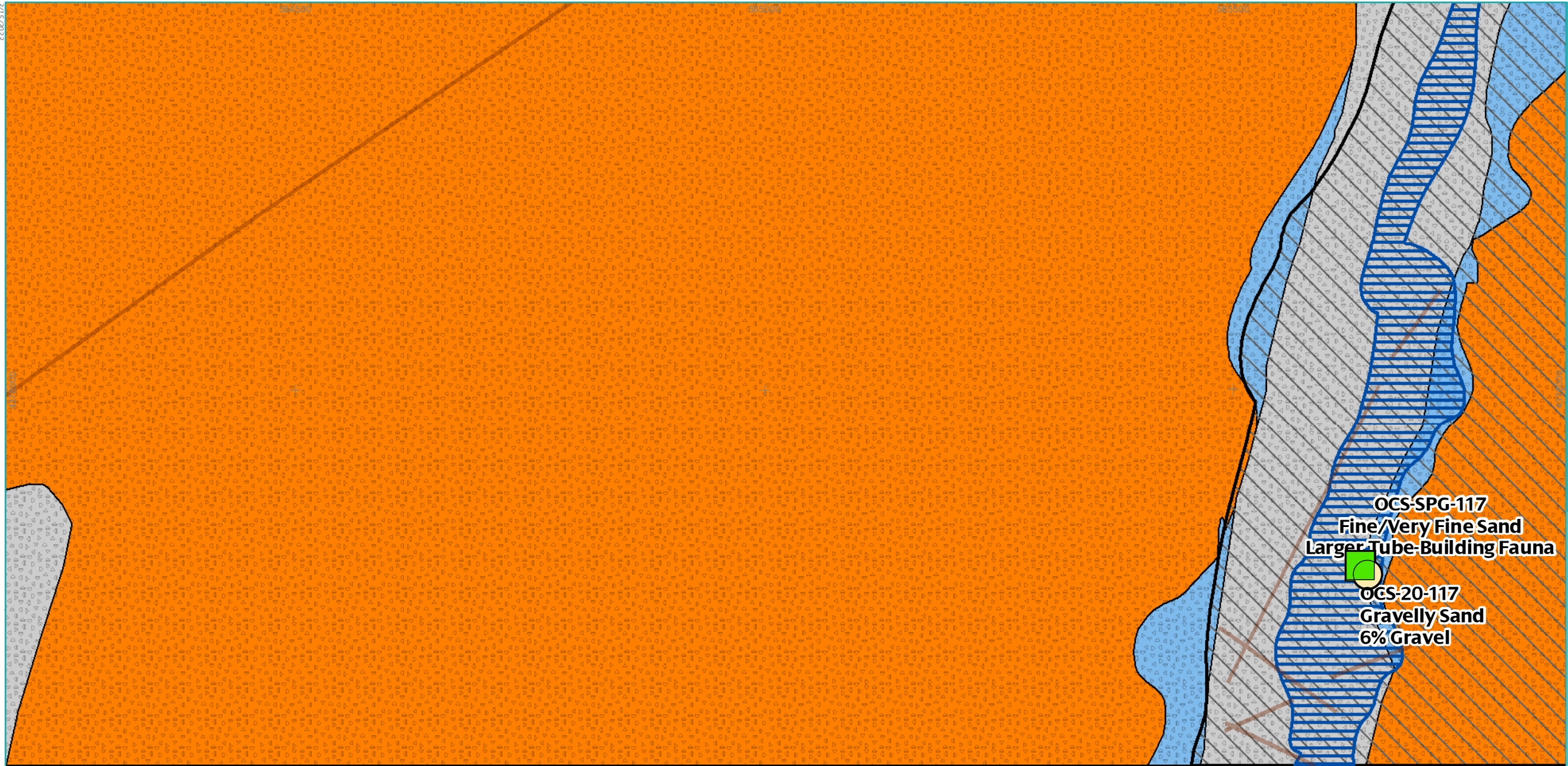
584000

4377500



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

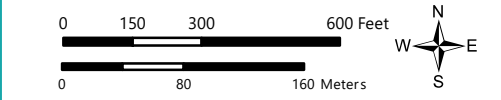
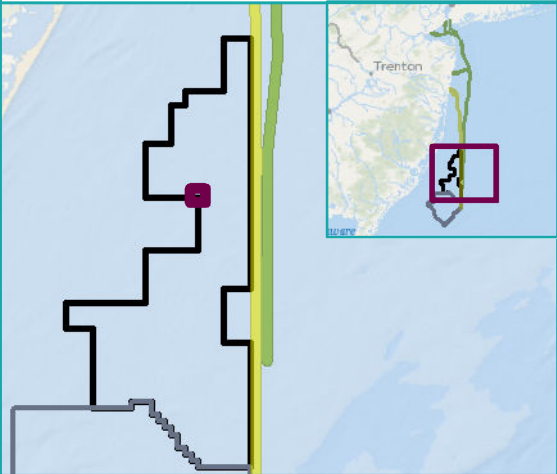
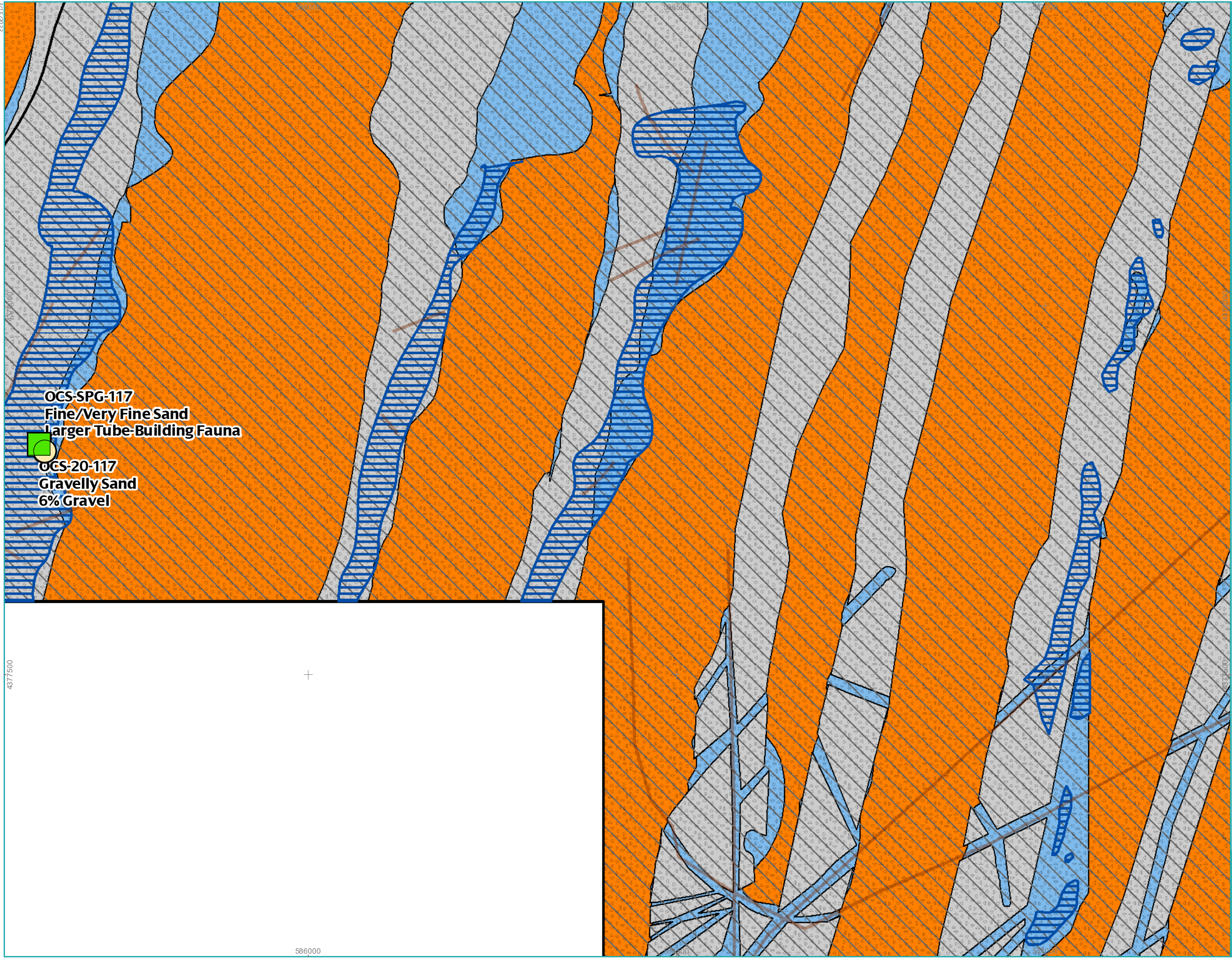
- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/17/2023

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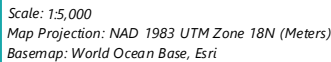
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

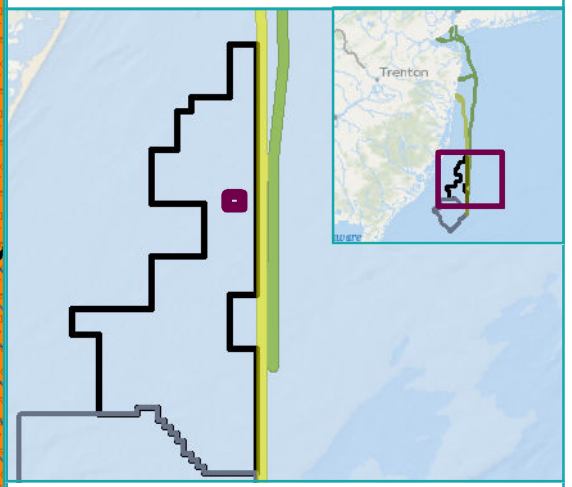
- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
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- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Lease Area OCS-A-0549
Slide 58 of 211

OCS-20-118
Medium Sand
16% Gravel



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

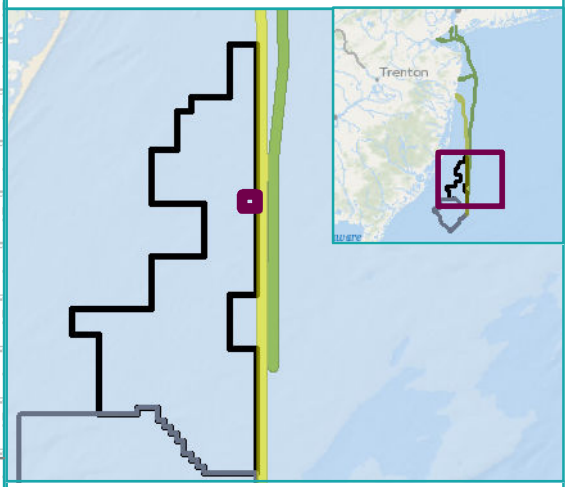
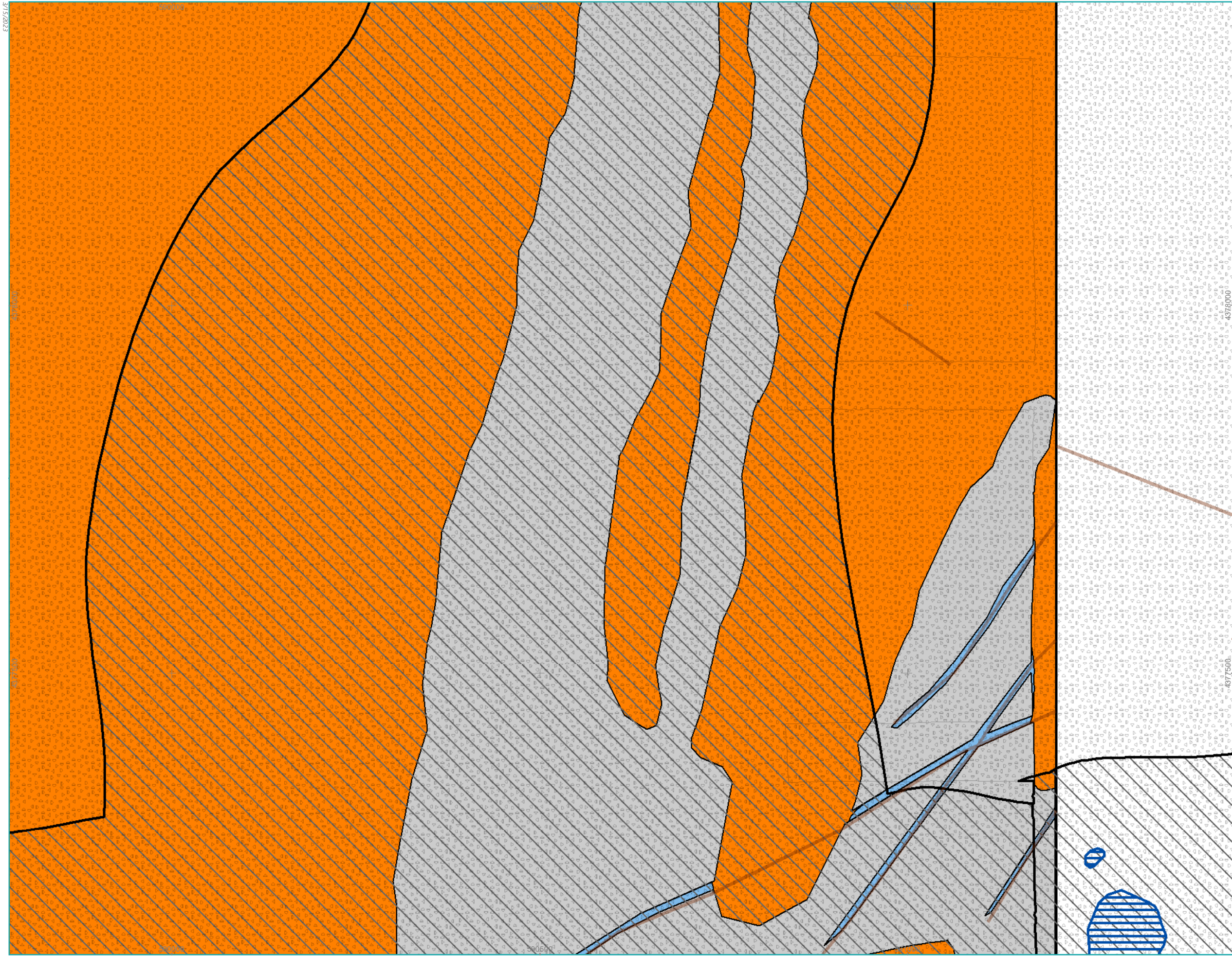
LEGEND

- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

4377500

4377500



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

8/20/2023

4377000

4376500

4376000

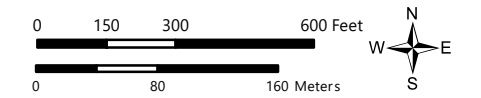
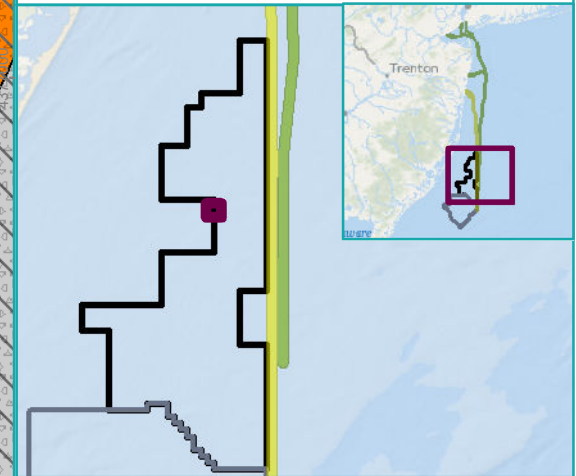
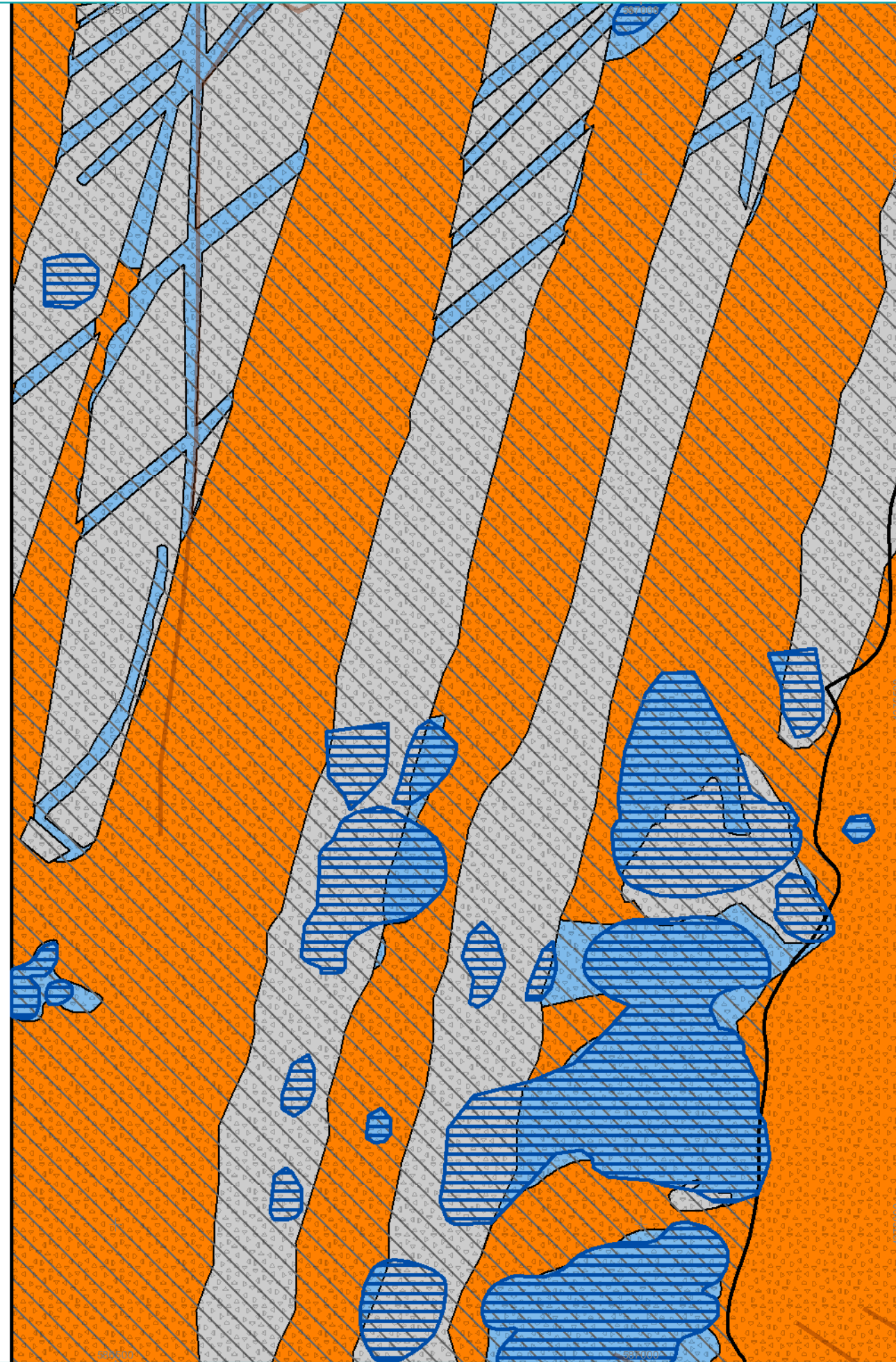
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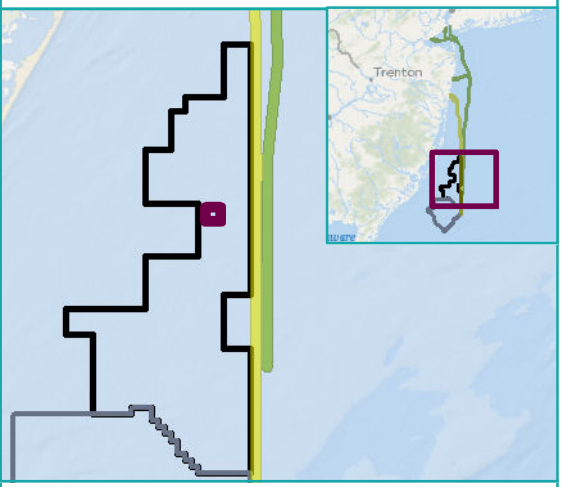
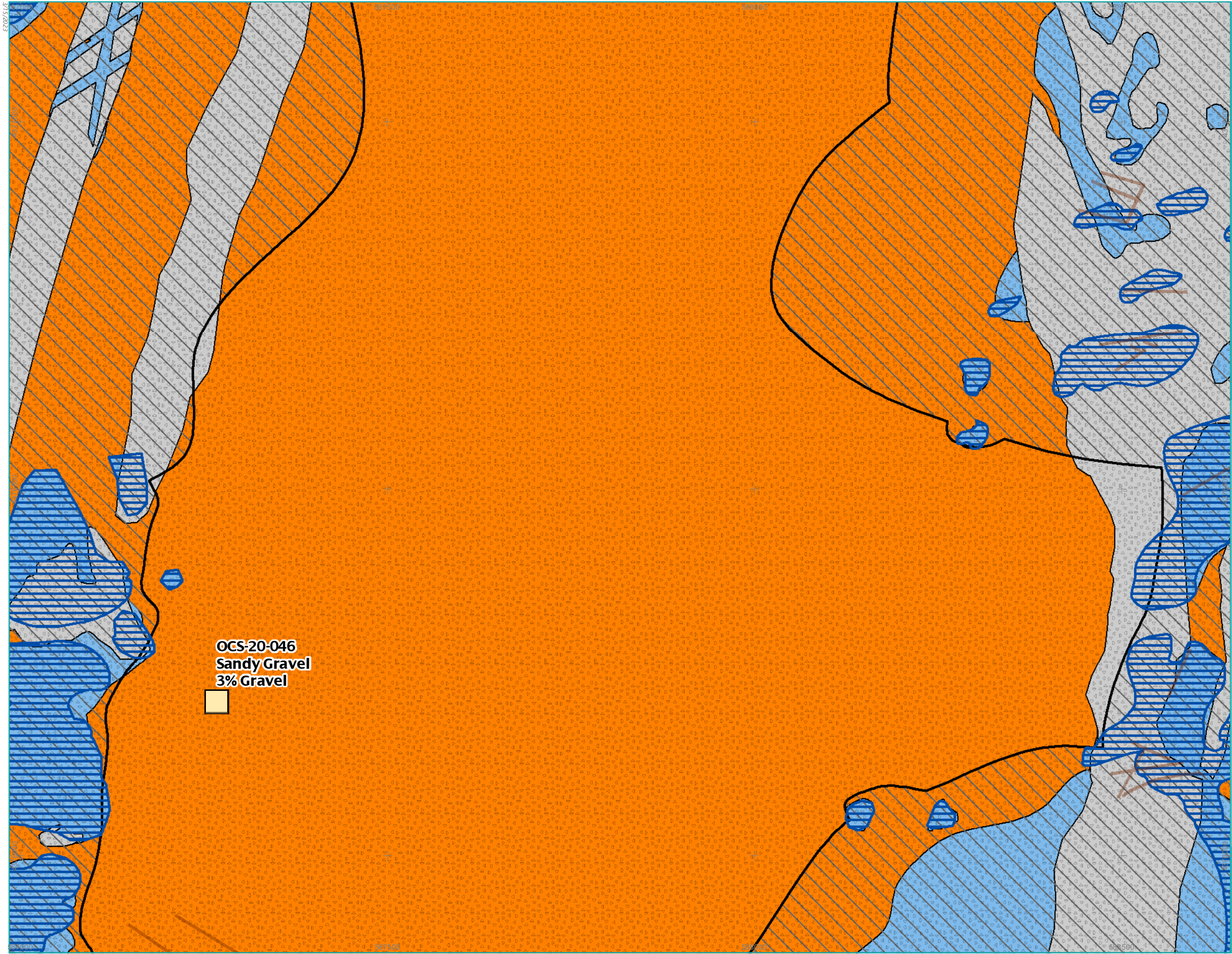


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

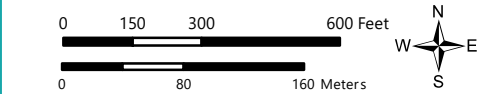
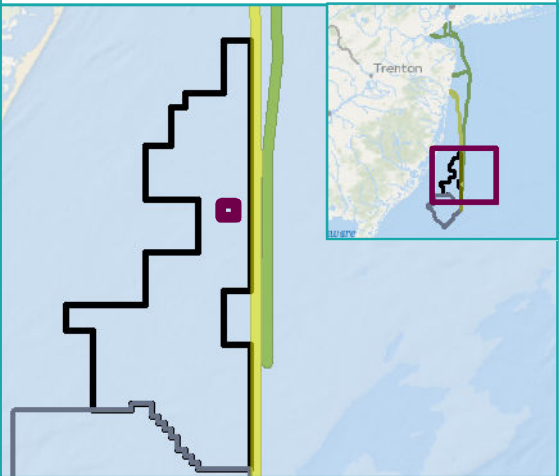
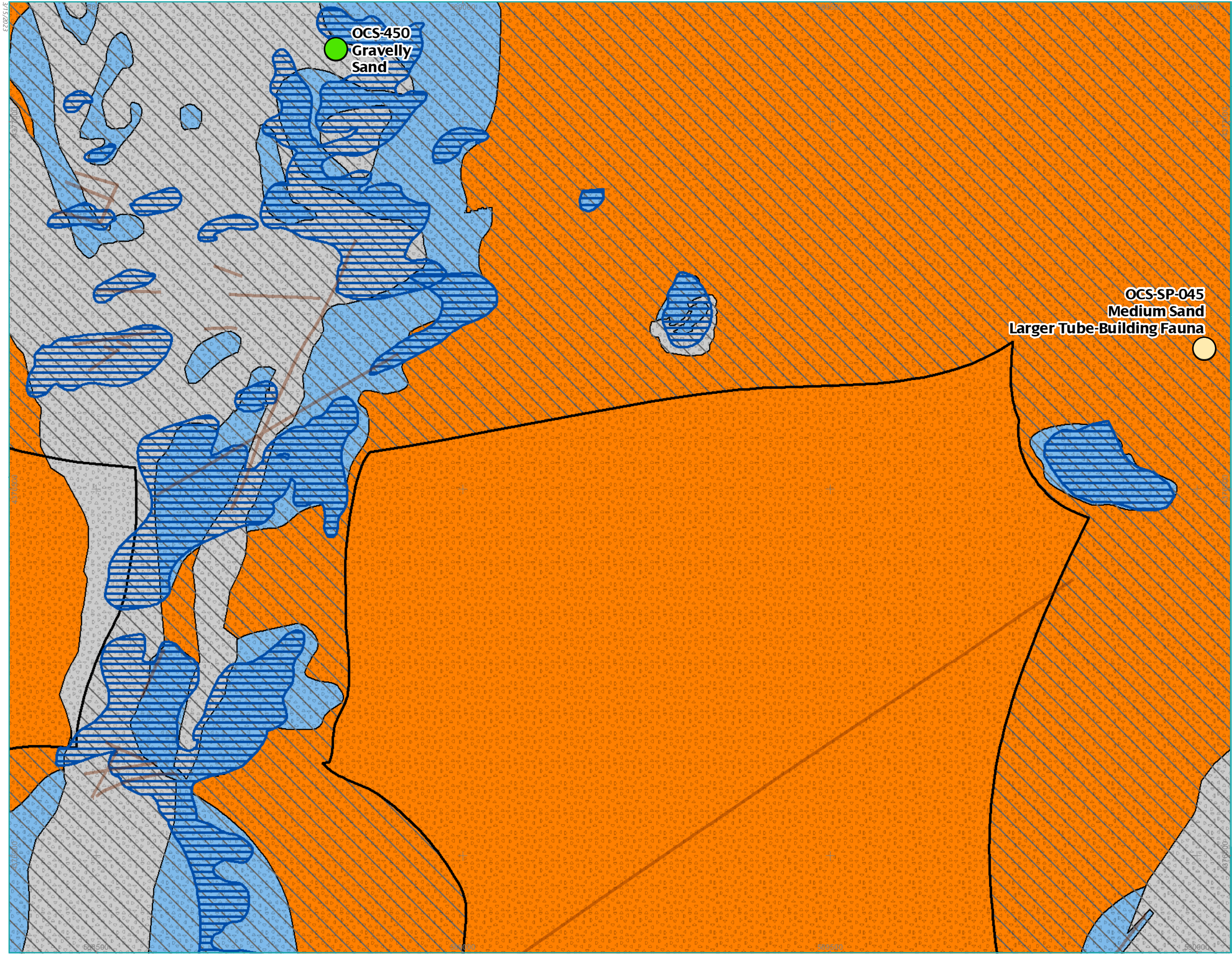
3/17/2023



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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

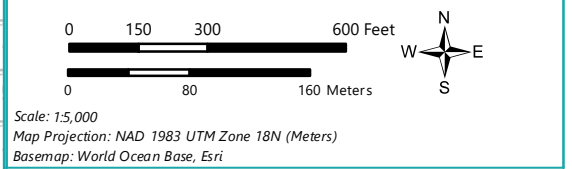
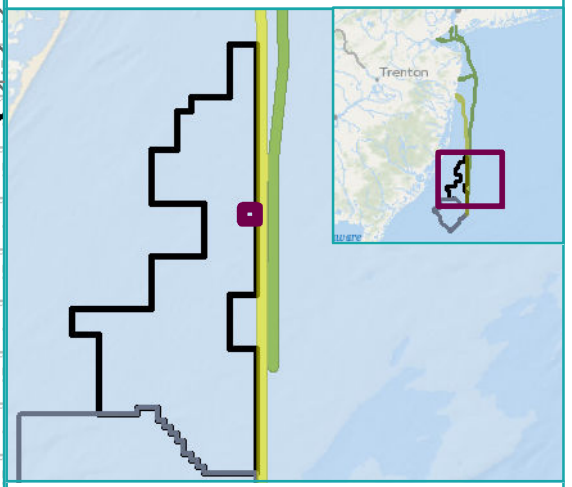
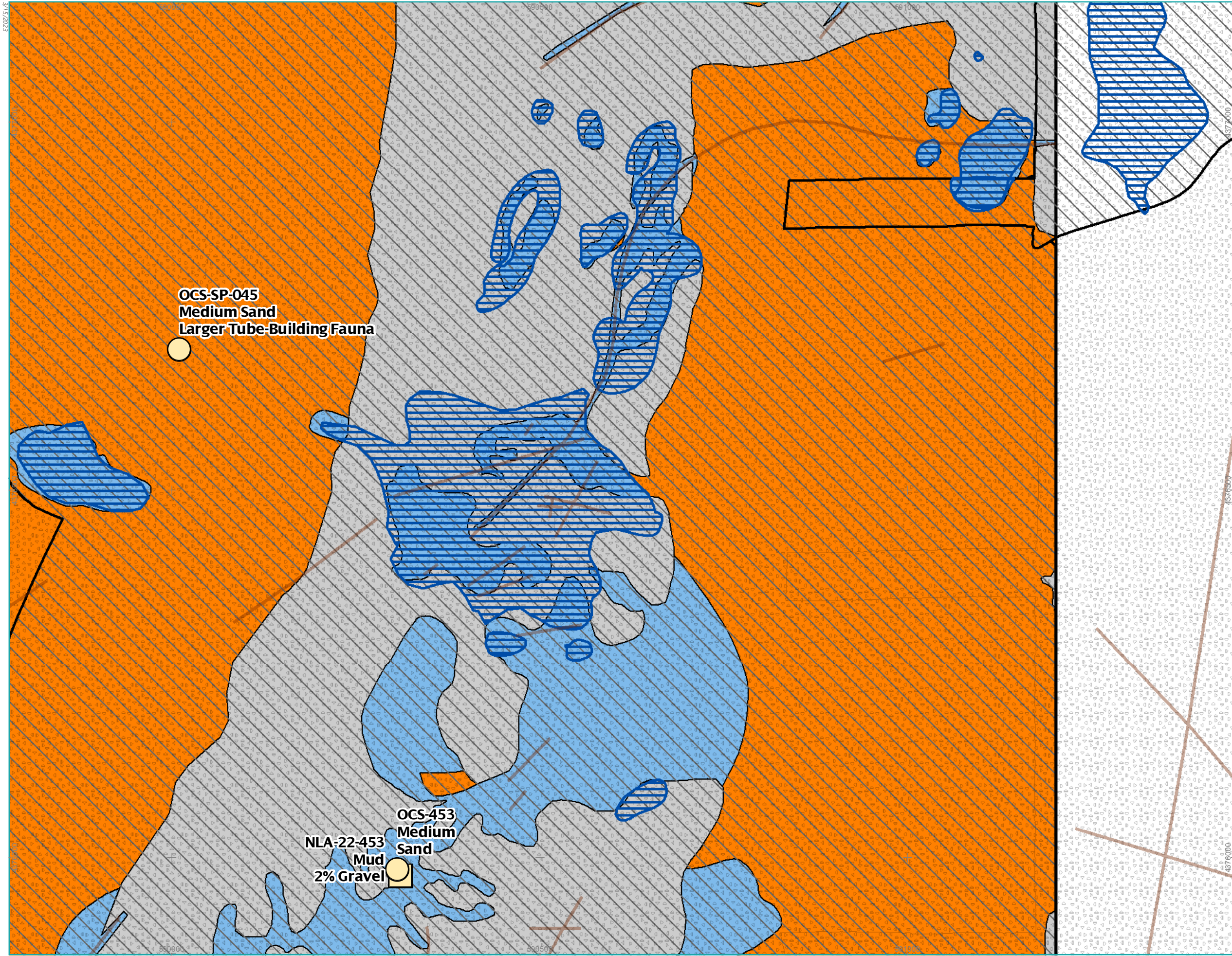


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - SPI/PV
- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

3/17/2023

586000

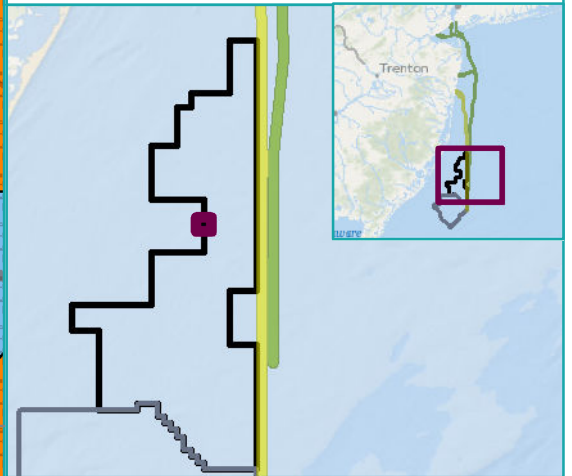
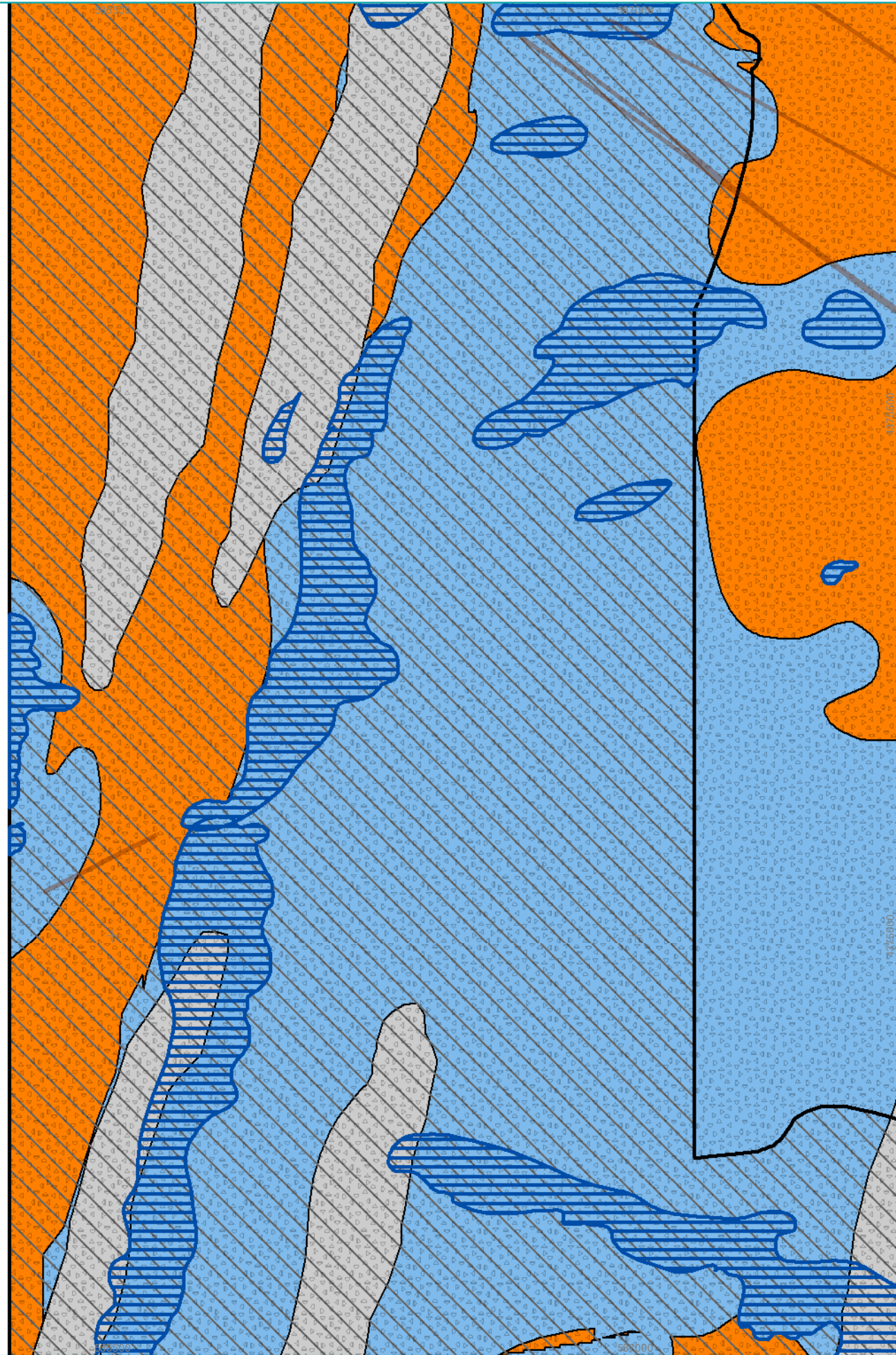
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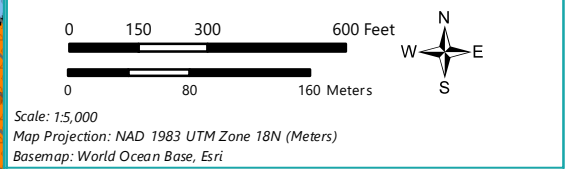
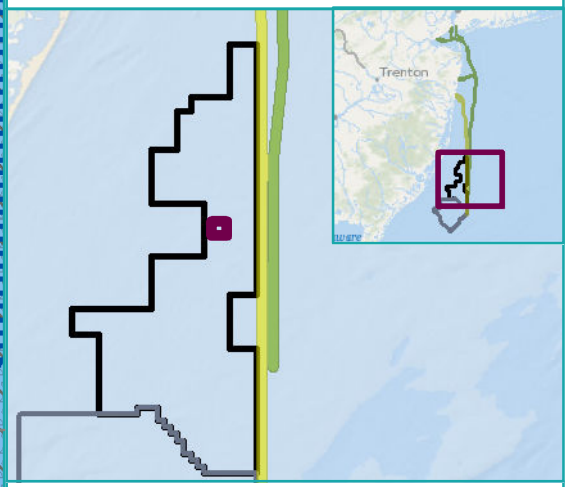
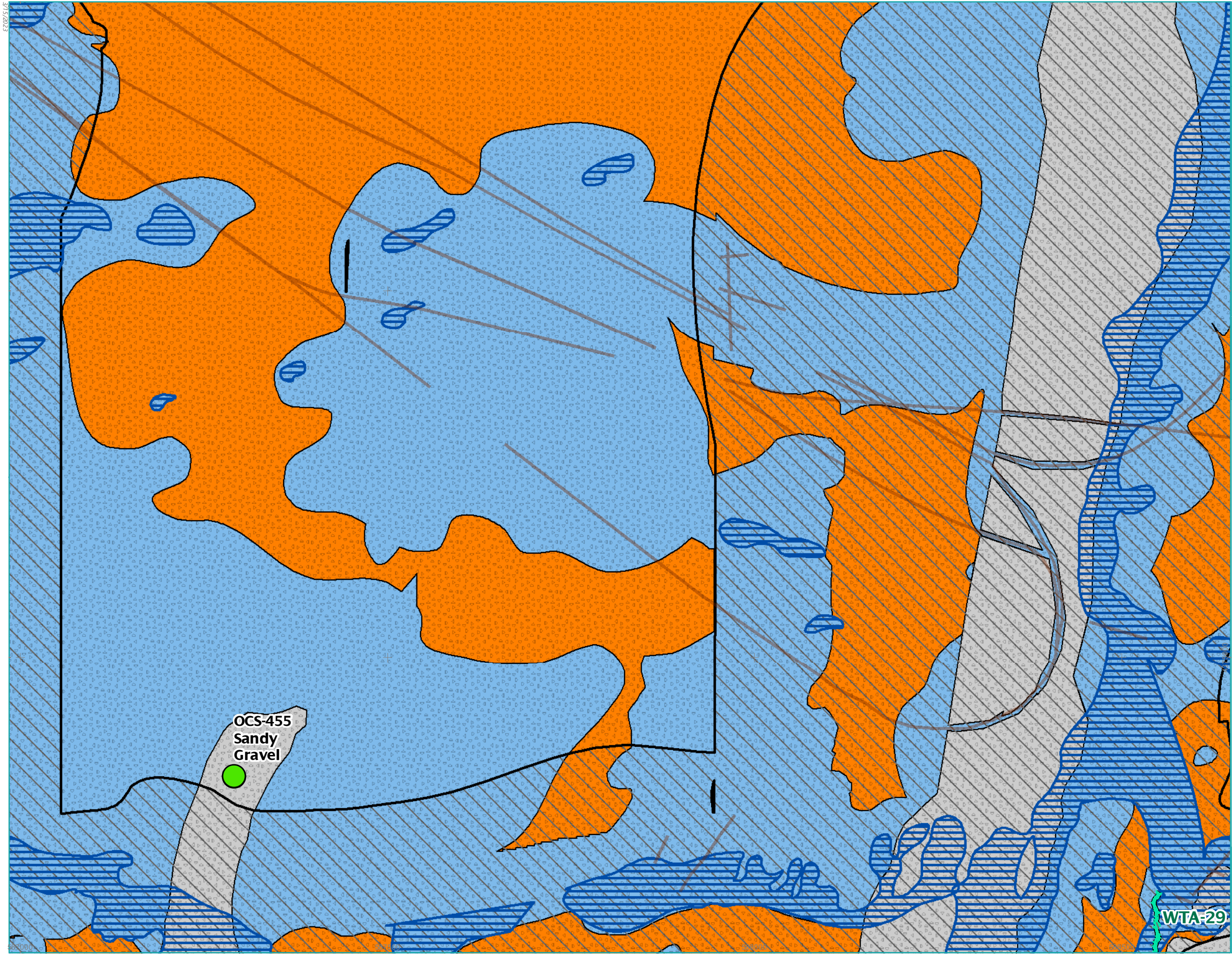
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

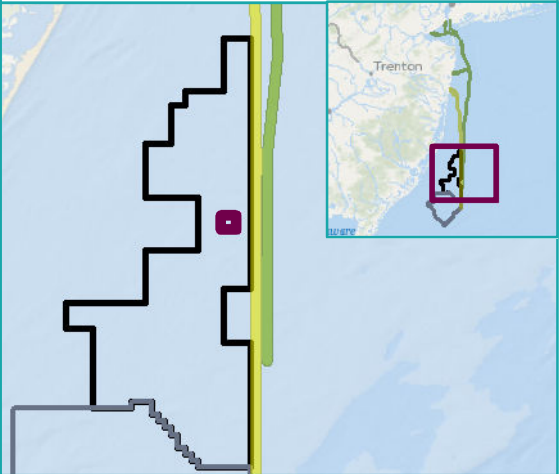


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

WTA-29

3/17/2023

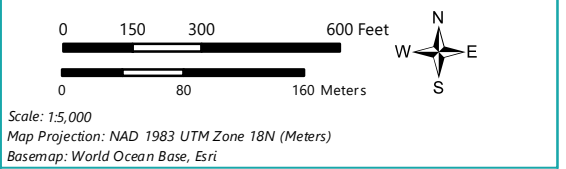
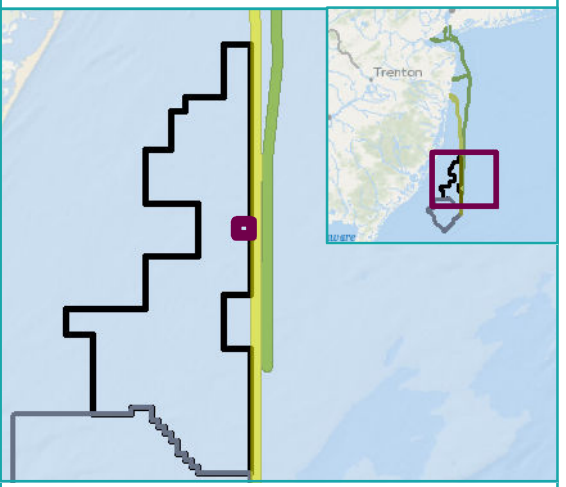
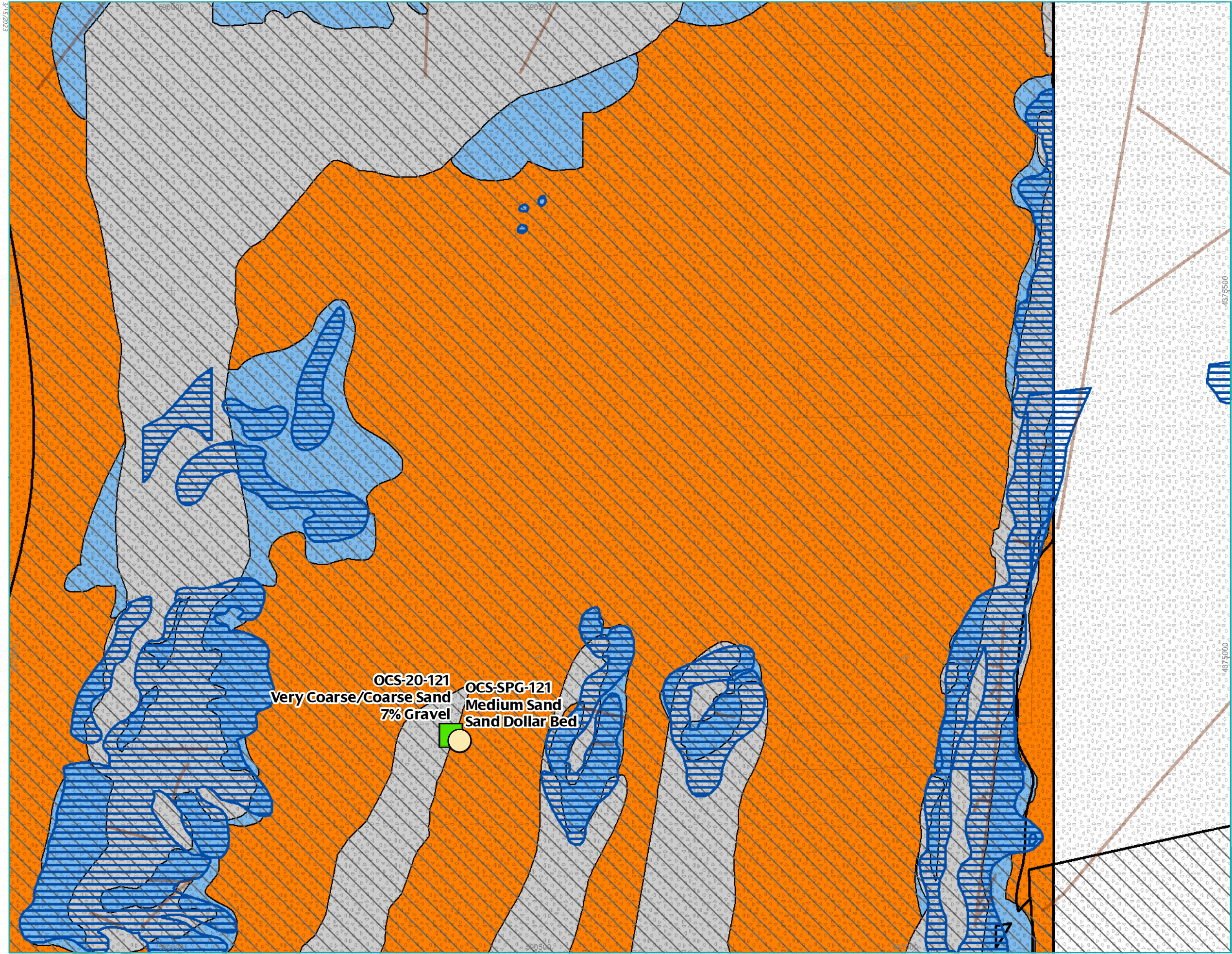


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



- LEGEND**
- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

3/17/2023

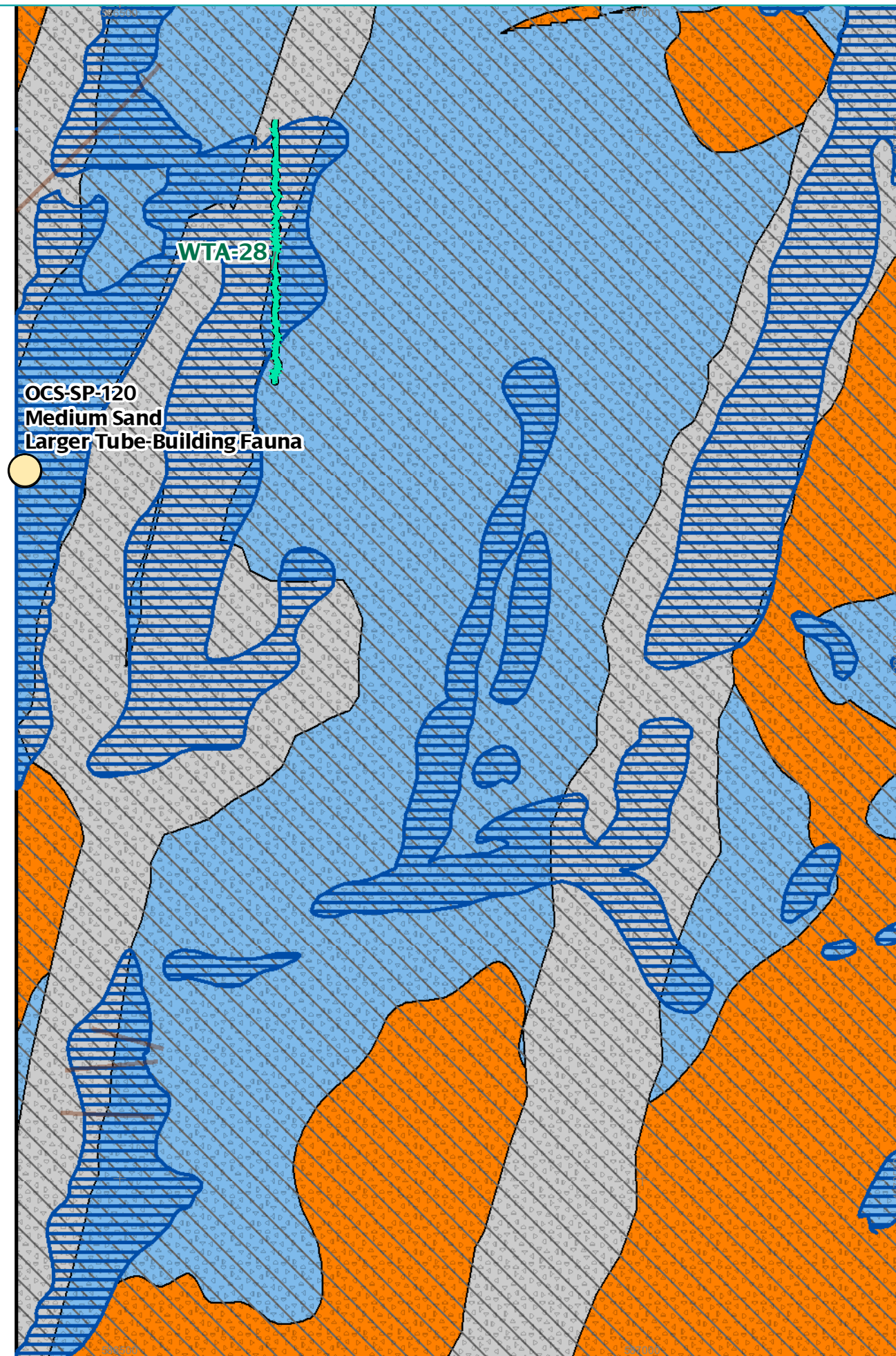
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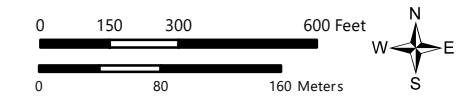
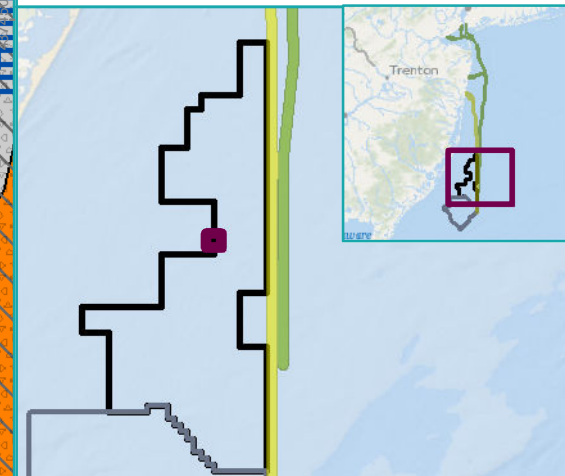
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ATLANTIC SHORES
offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

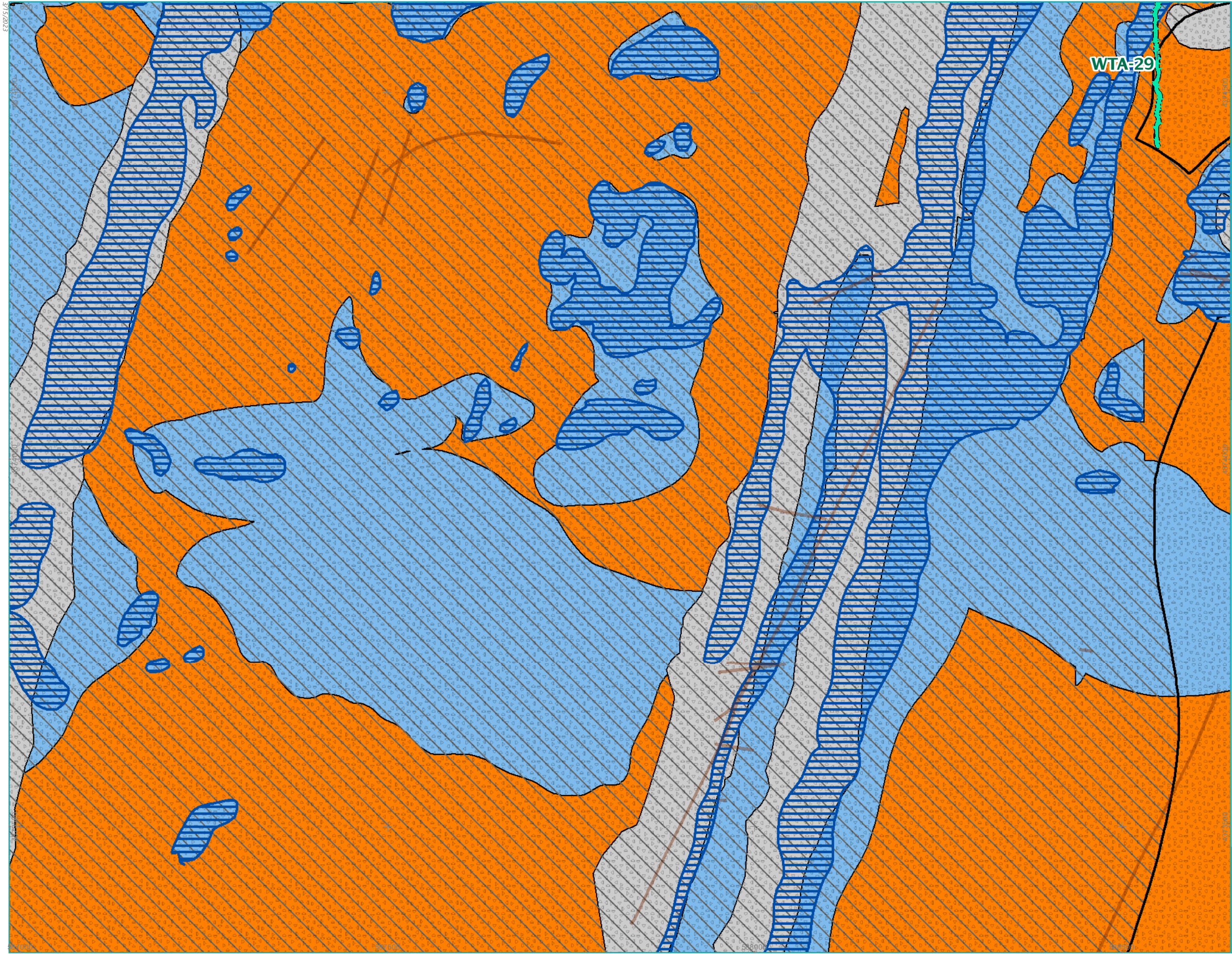
LEGEND

- Soft Bottom Station - SPI/PV
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

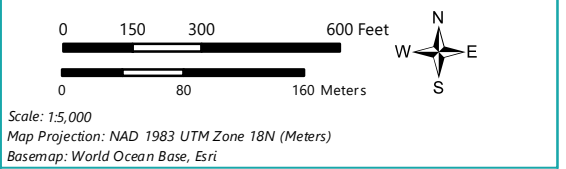
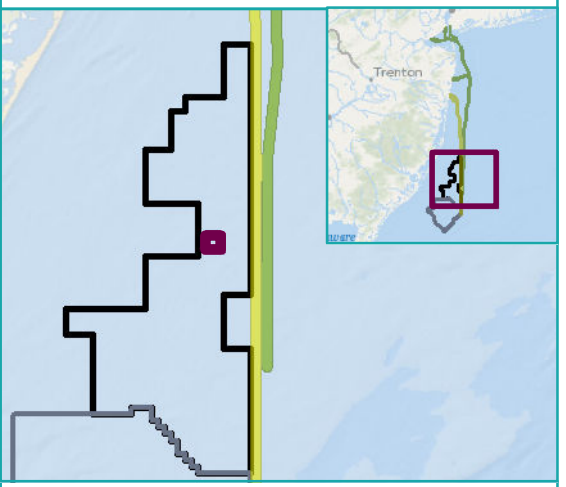
Atlantic Shores North EFH Maps
1:5000 Scale

Lease Area OCS-A-0549
Slide 69 of 211

3/15/2023

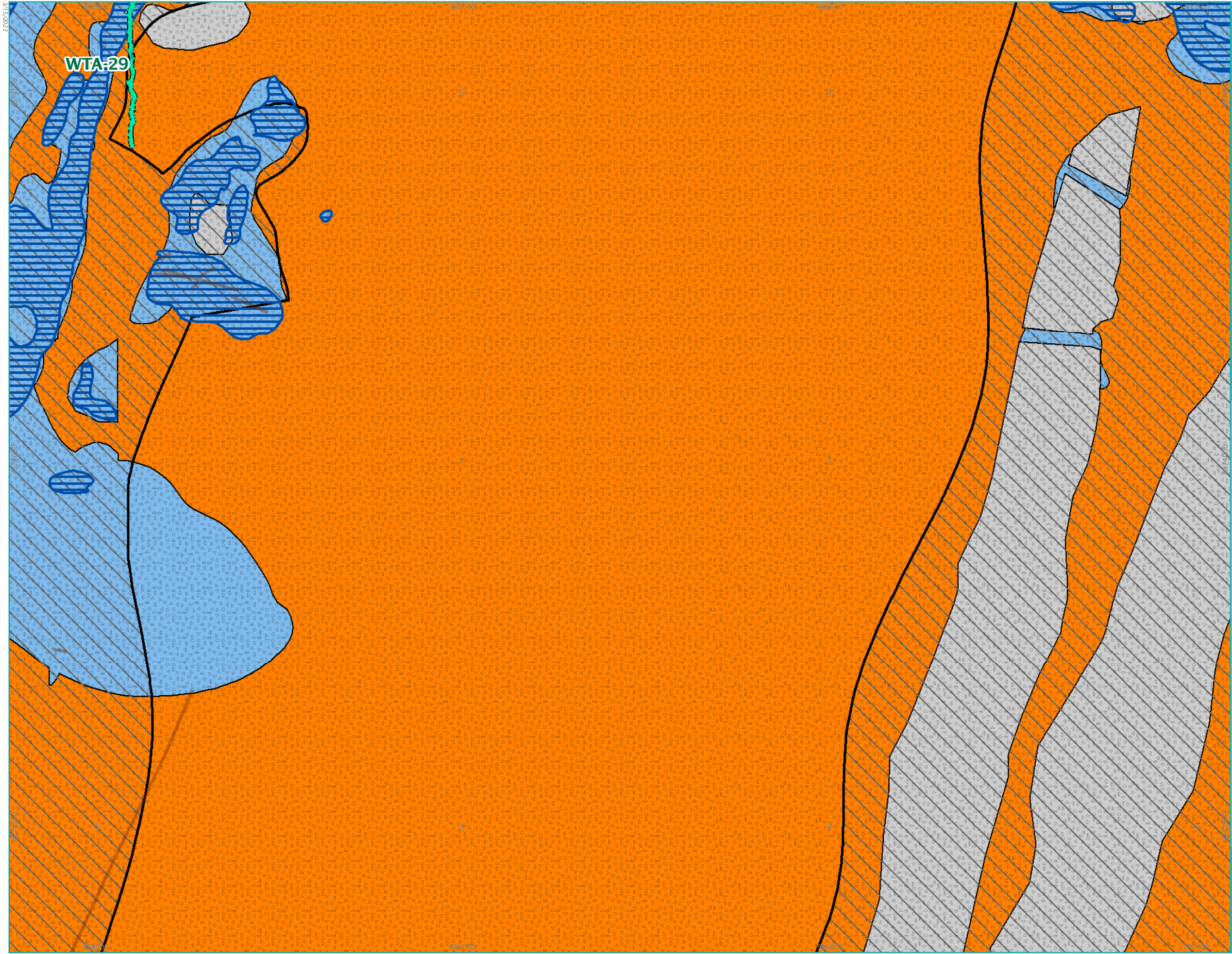


ATLANTIC SHORES offshore wind

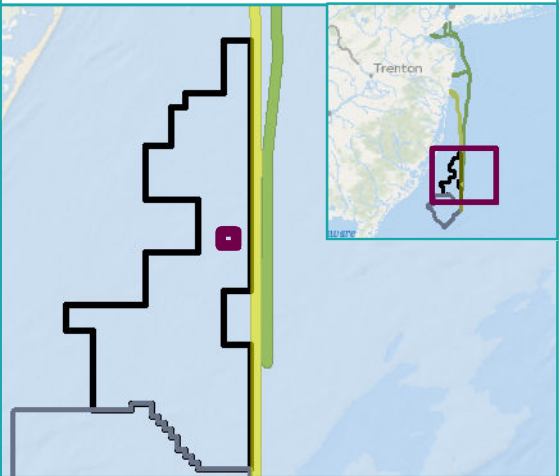


- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- ### LEGEND
- Video Transect
 - Sebed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



ATLANTIC SHORES offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

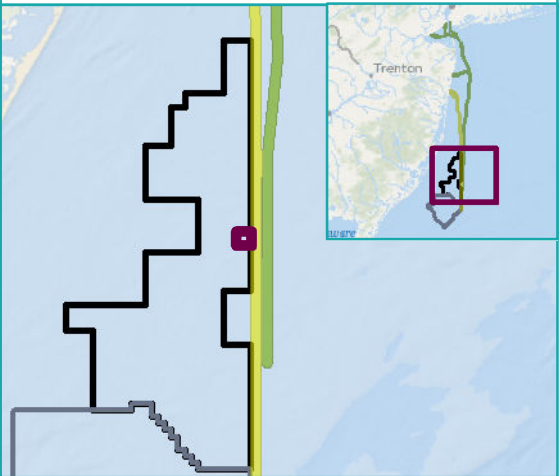
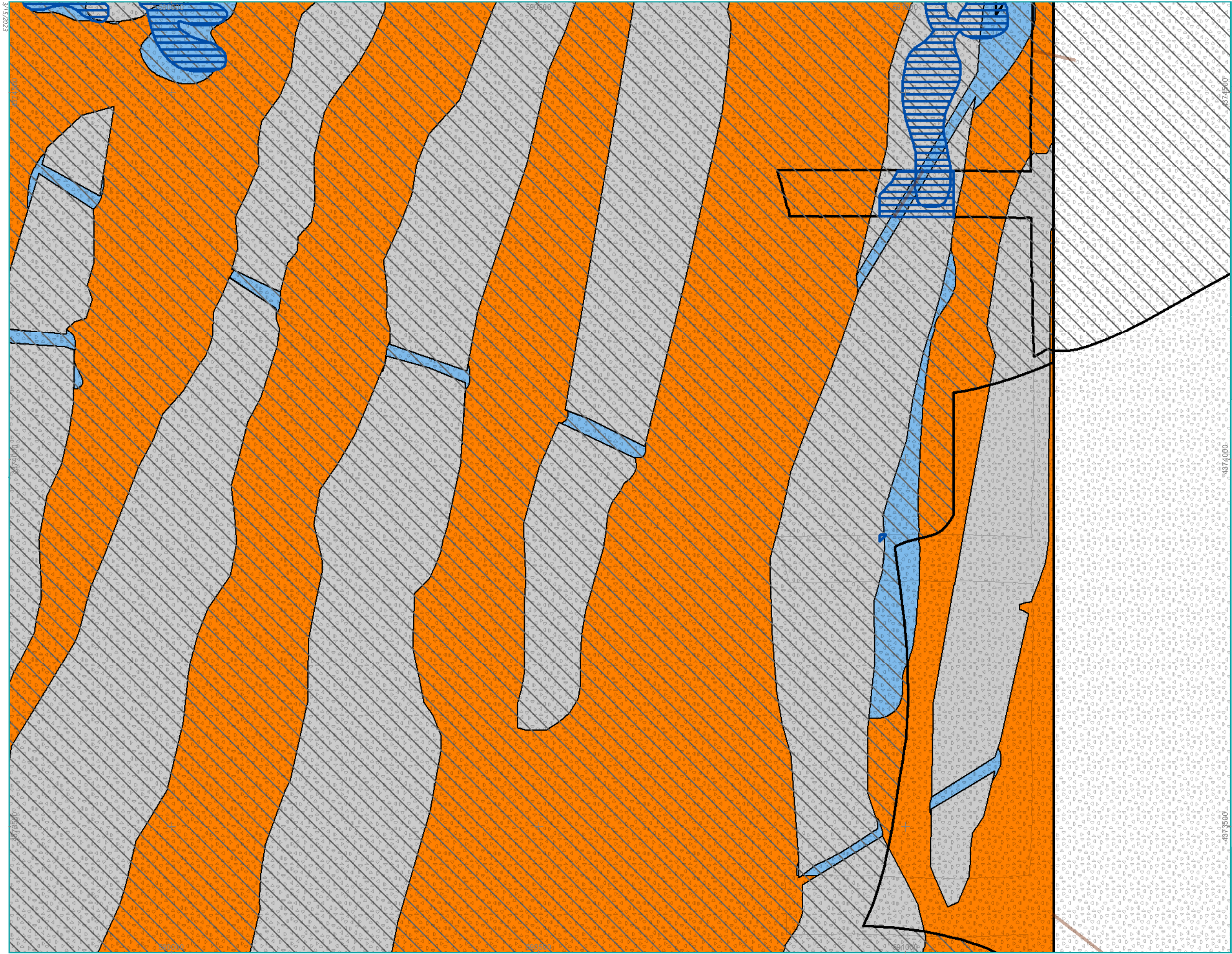
LEGEND

- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps
1:5000 Scale

Lease Area OCS-A-0549
Slide 71 of 211

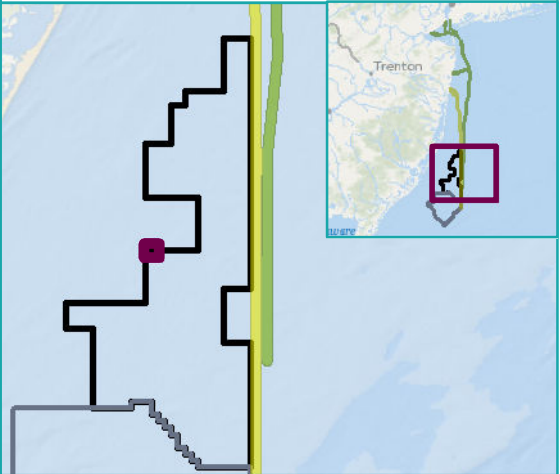
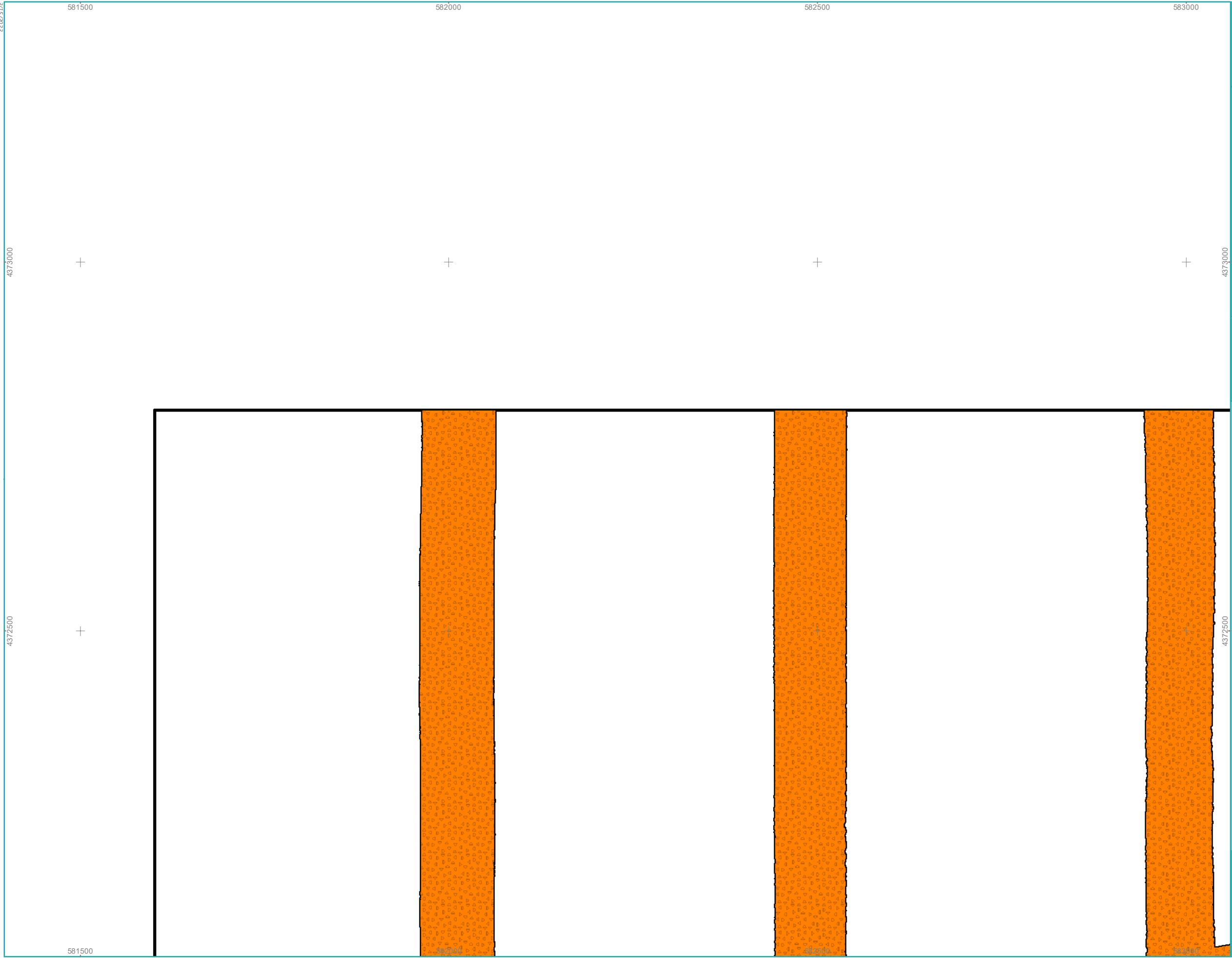
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

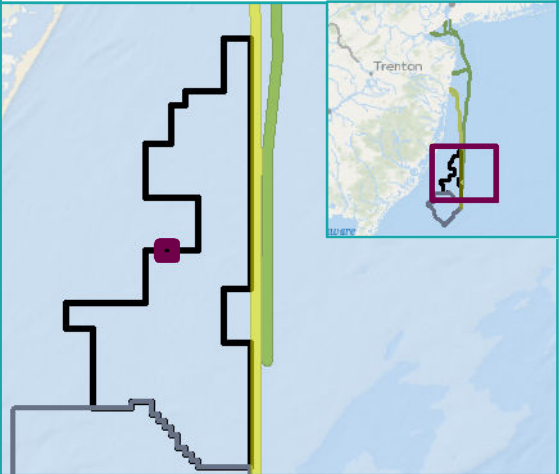
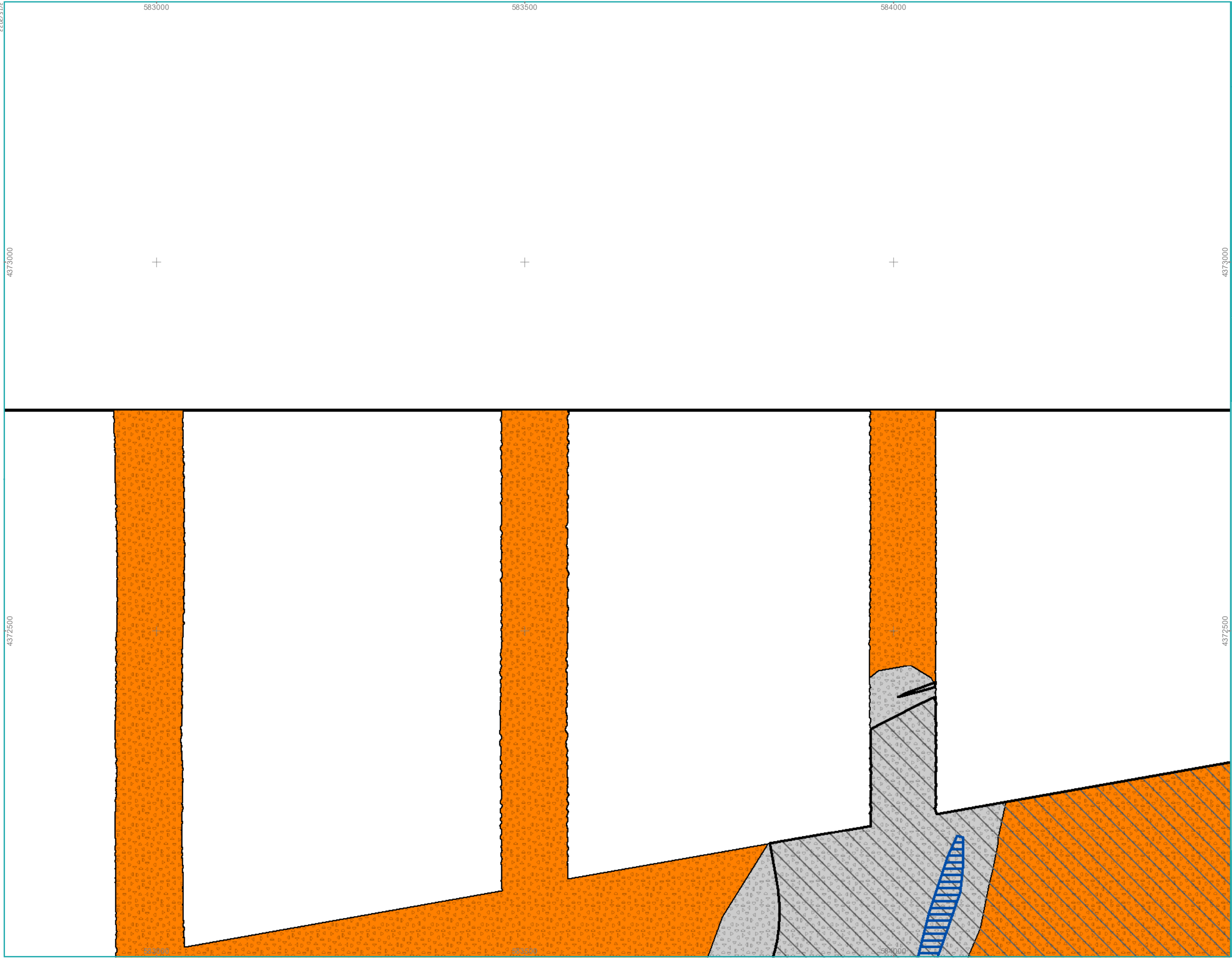
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549
- Monmouth Export Cable Corridor (ECC)



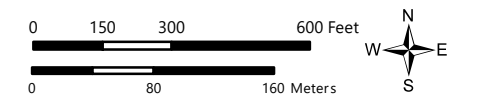
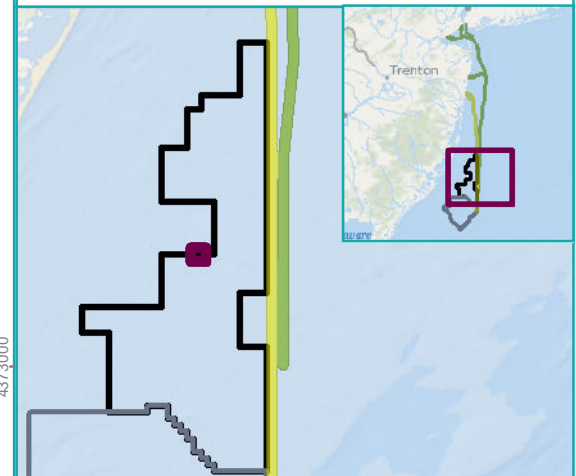
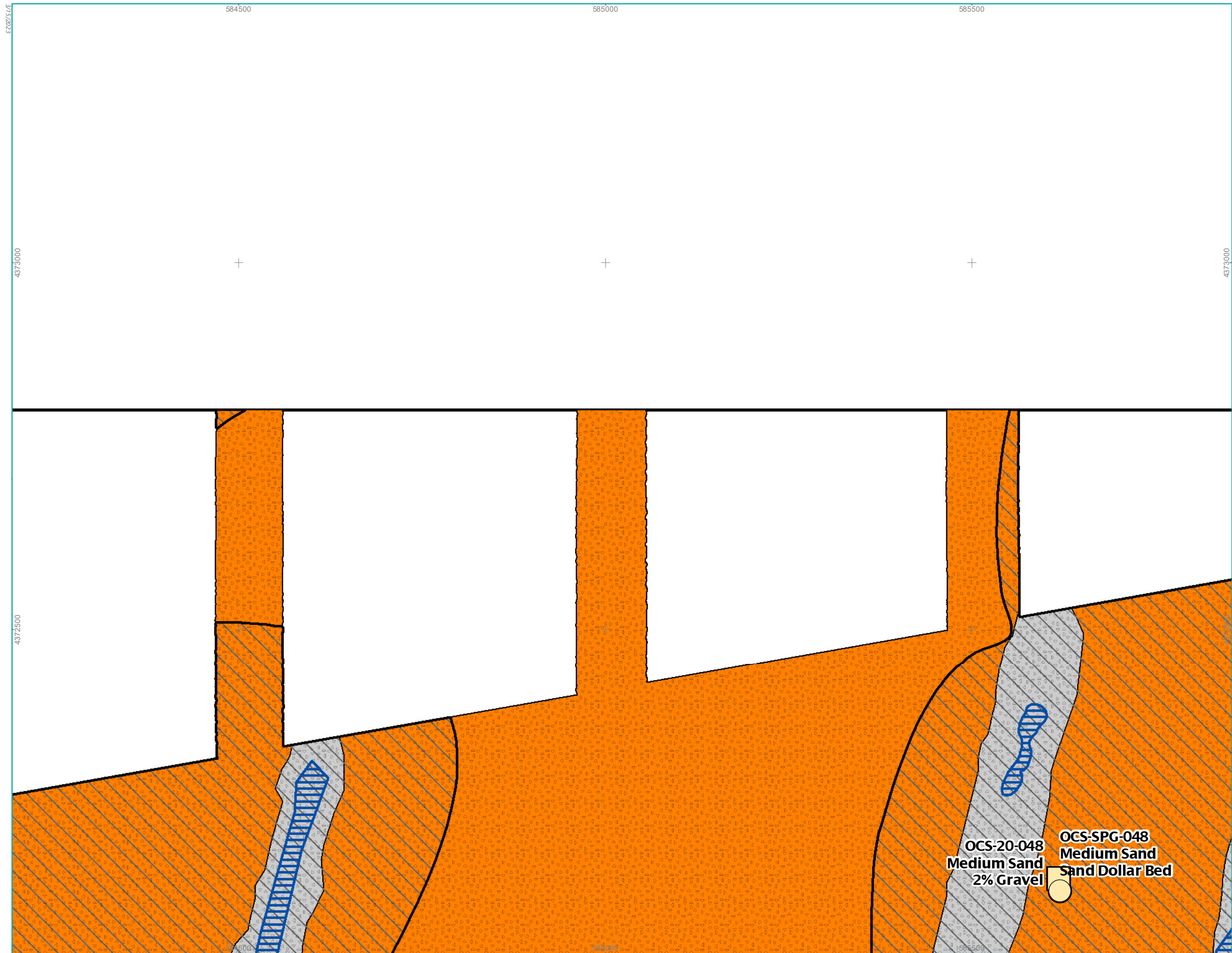
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Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



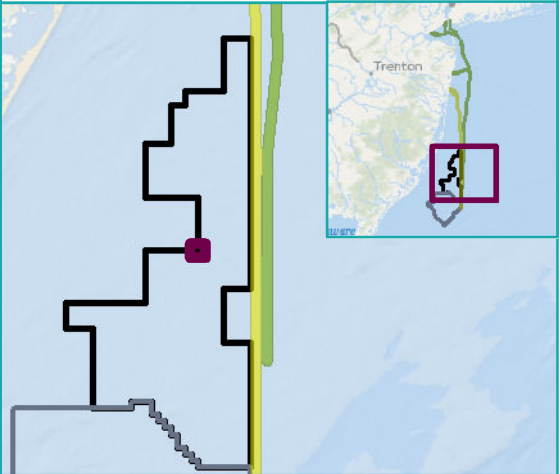
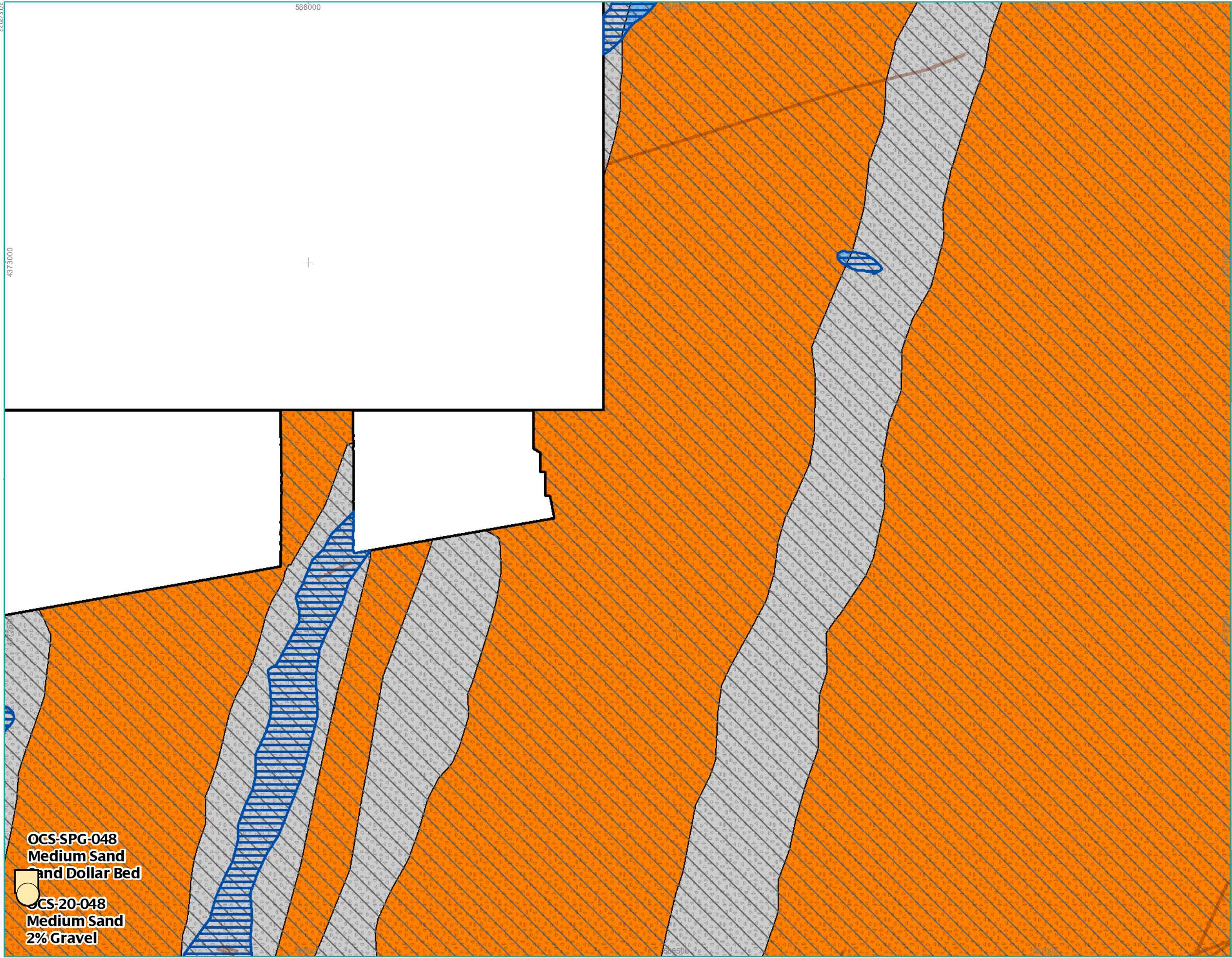
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
Slide 75 of 211



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

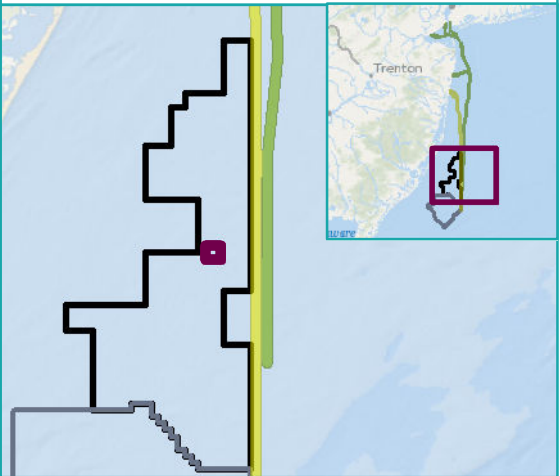
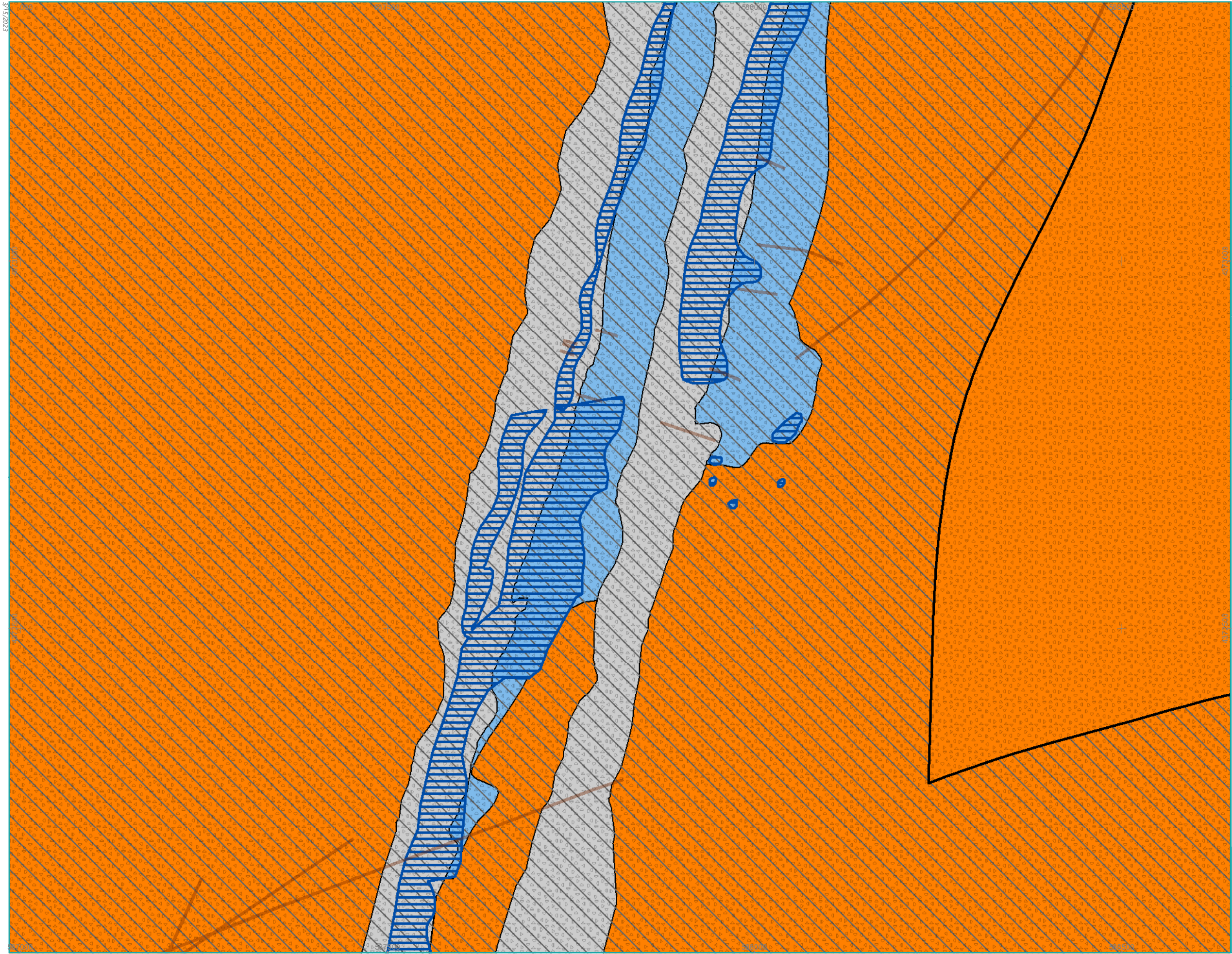
LEGEND

- Soft Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

OCS-SPG-048
Medium Sand
and Dollar Bed

OCS-20-048
Medium Sand
2% Gravel

3/15/2023

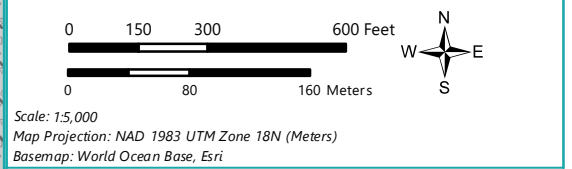
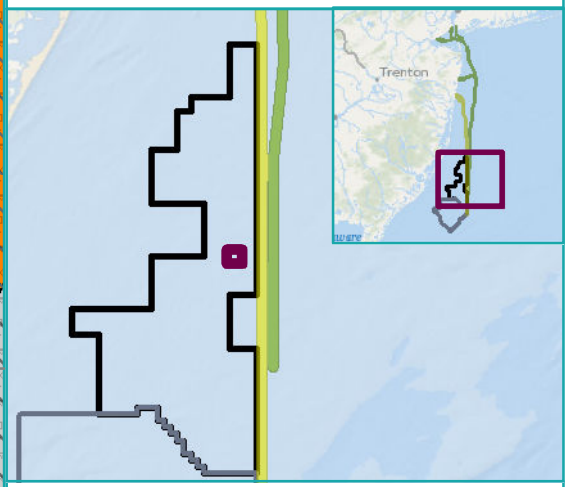
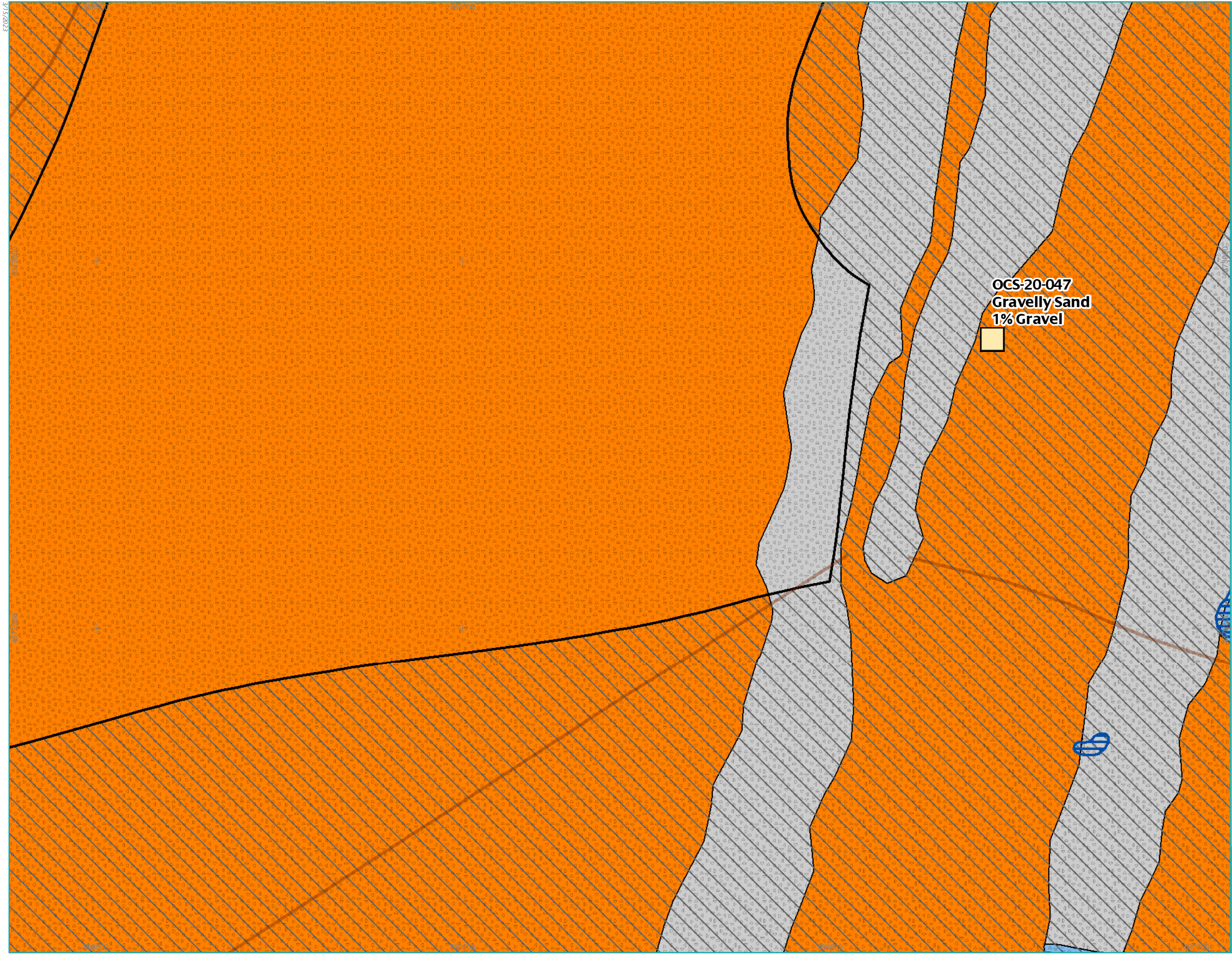


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

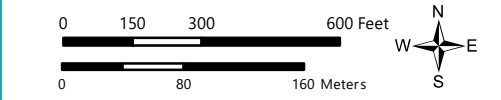
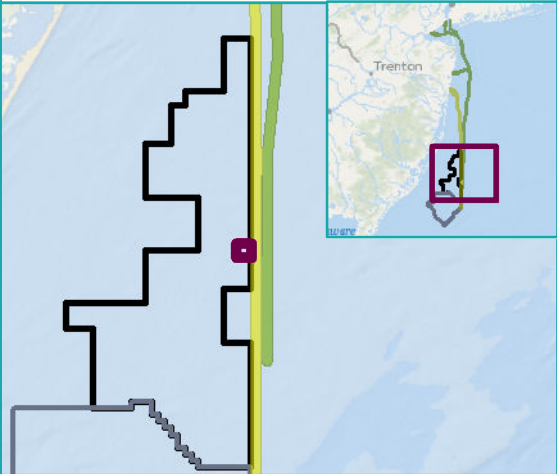
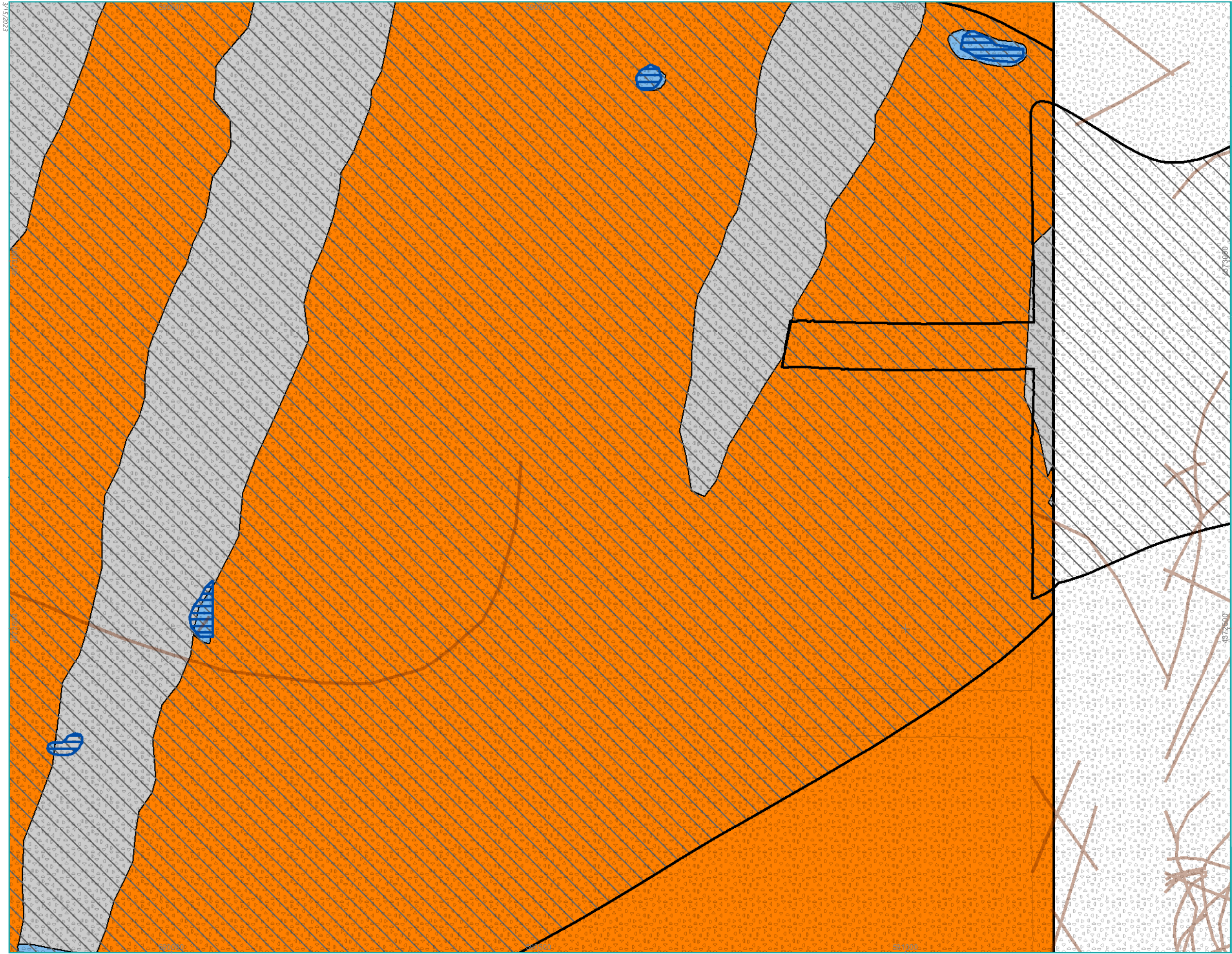
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



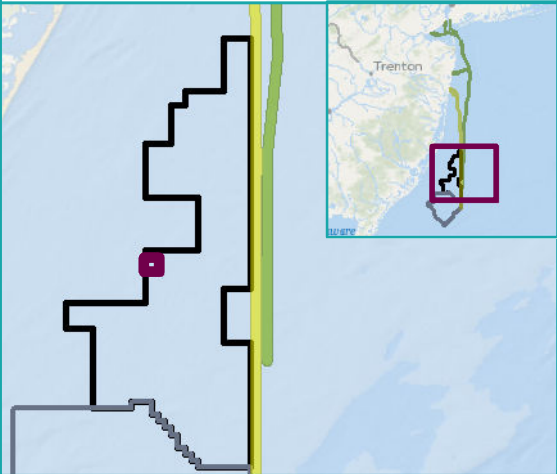
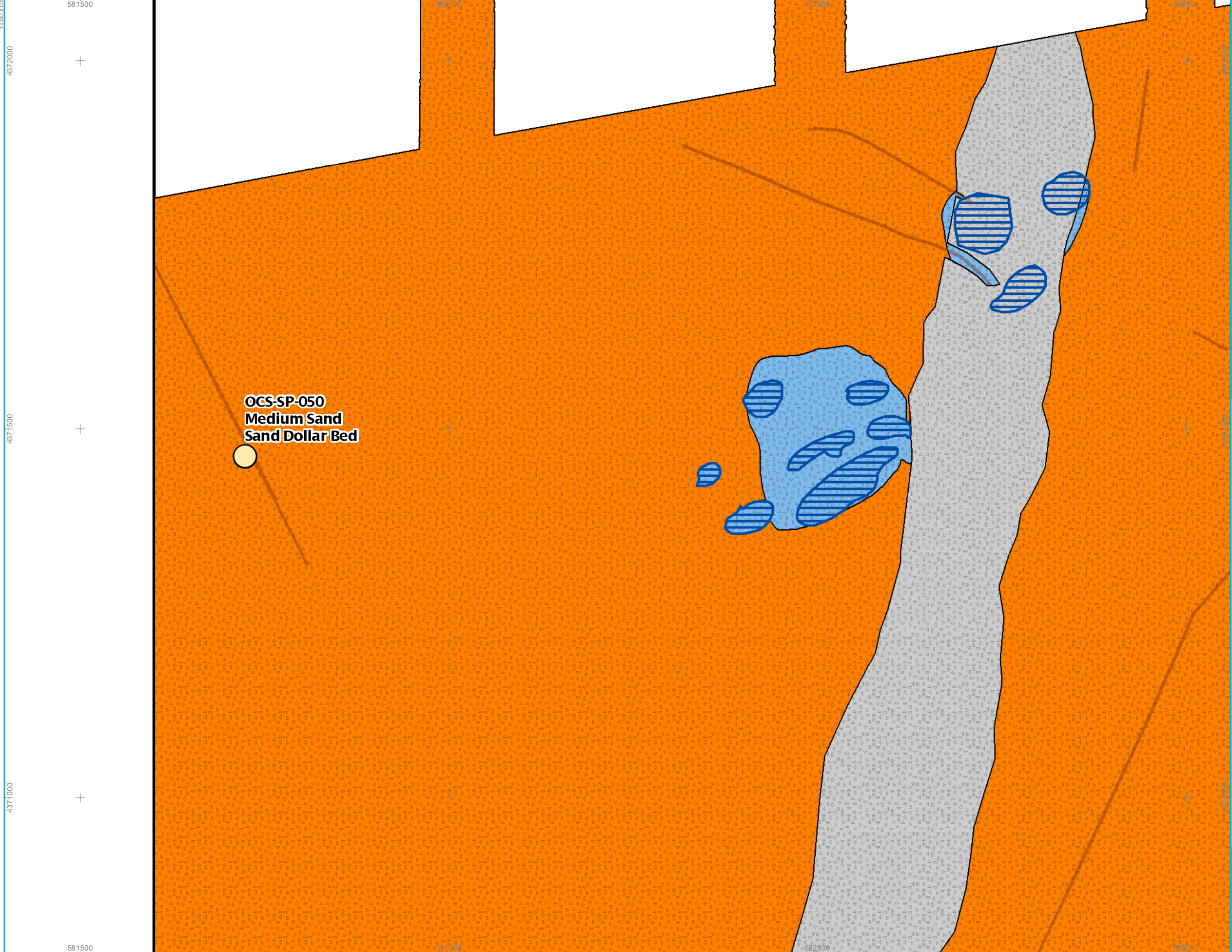
- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

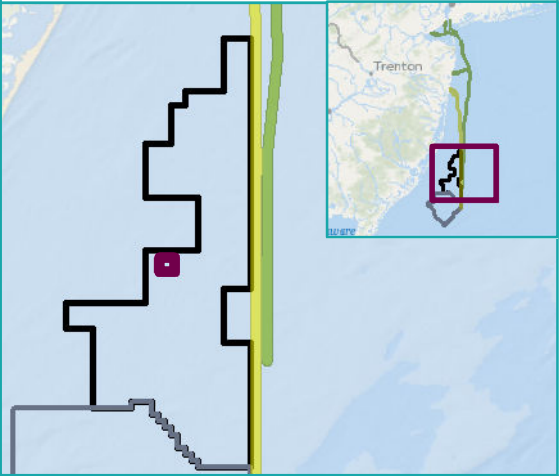
- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

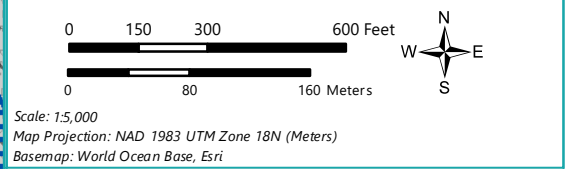
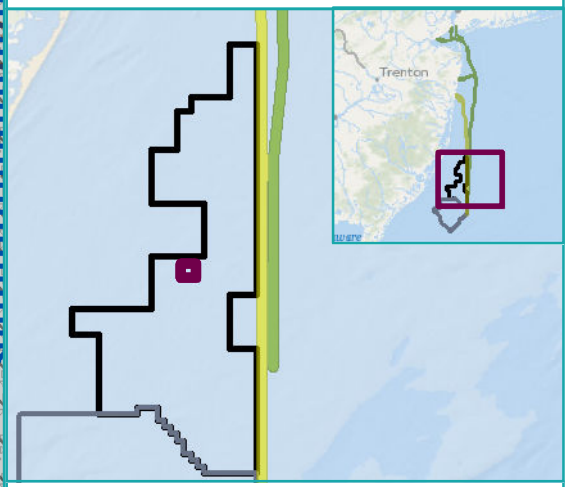
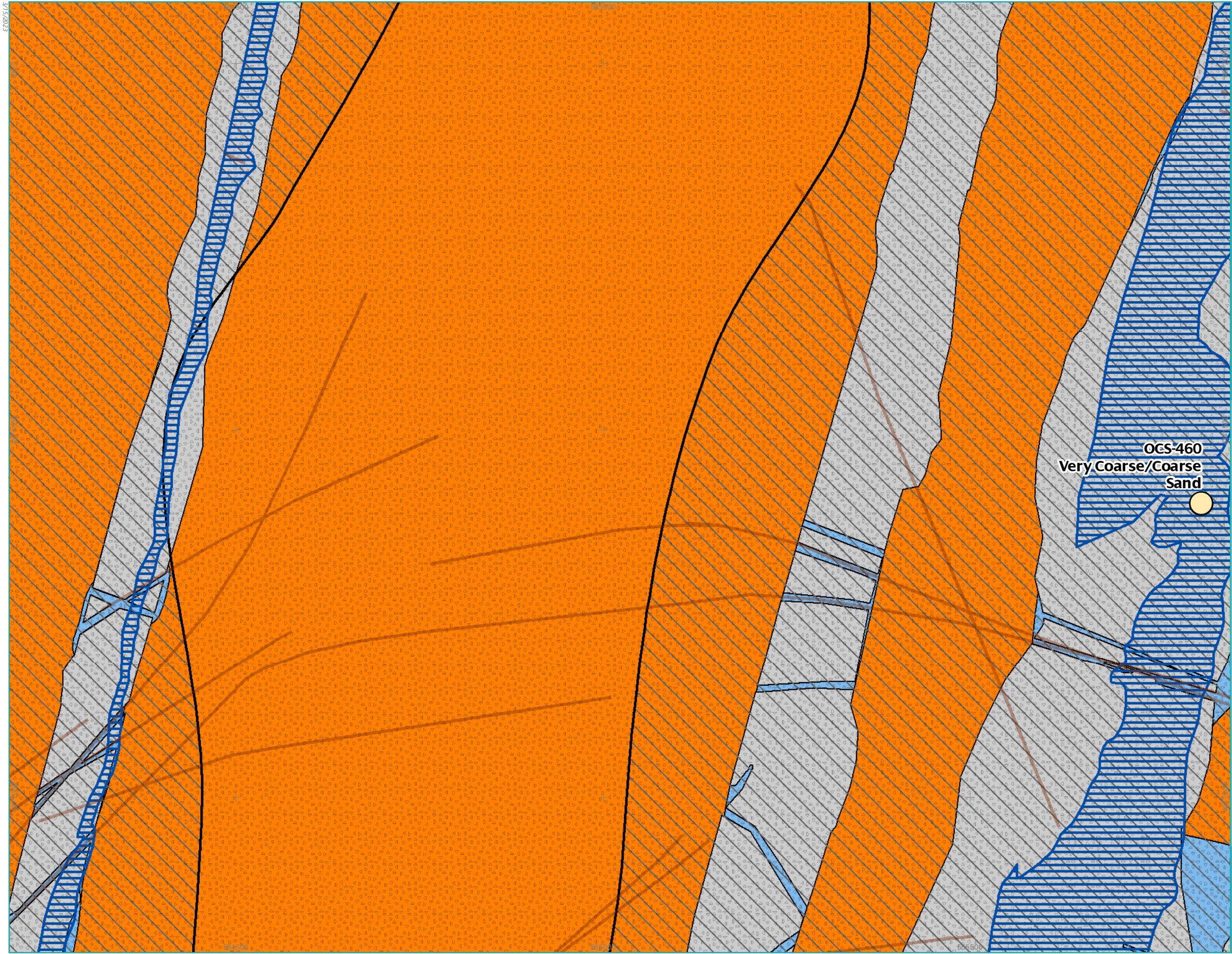


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

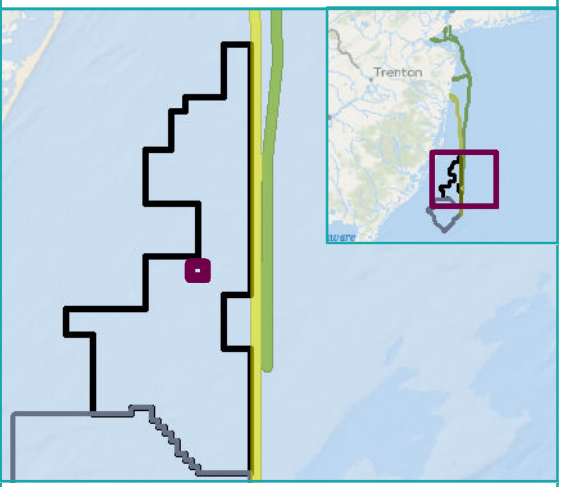
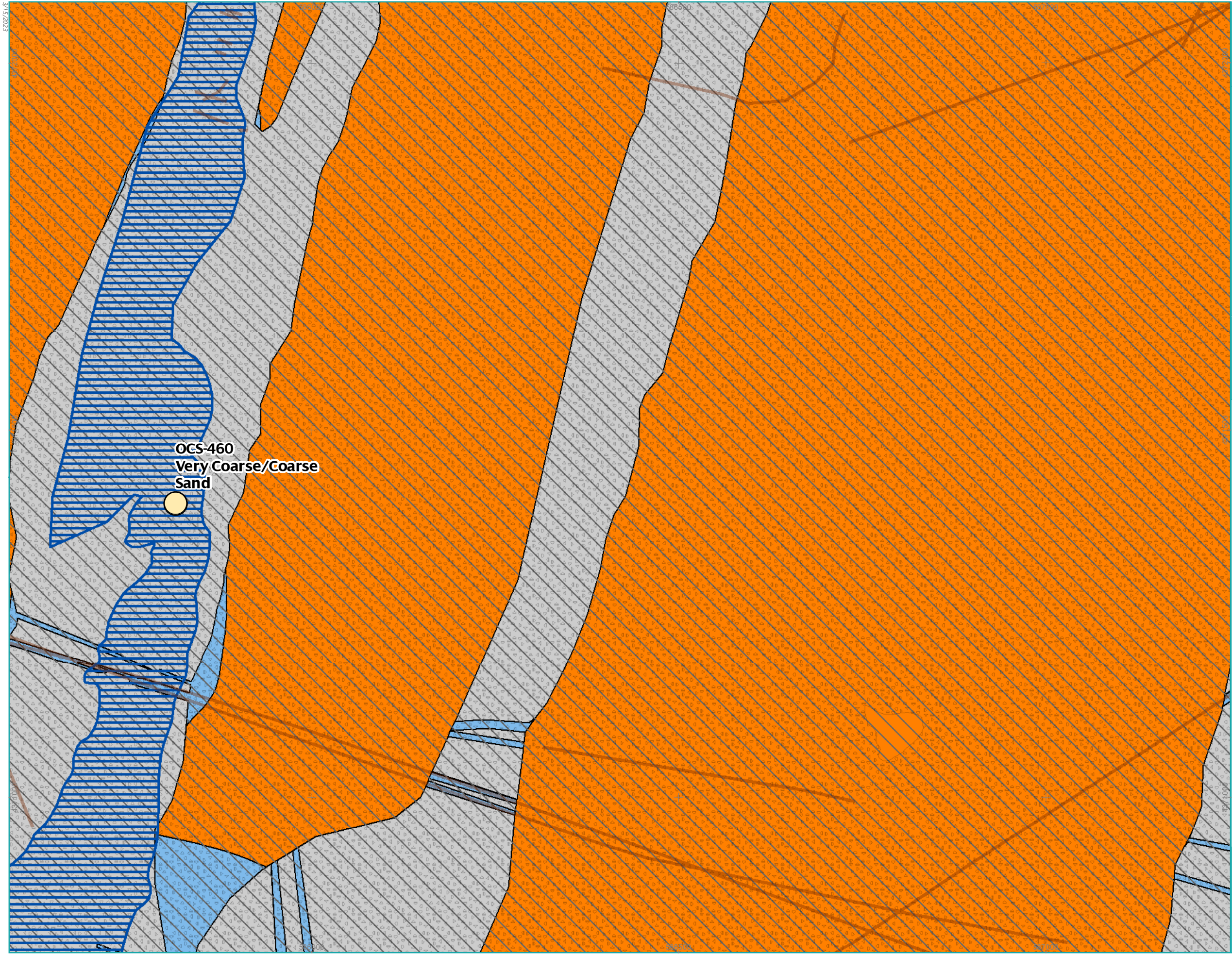
3/15/2023



- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

OCS-460
Very Coarse/Coarse Sand

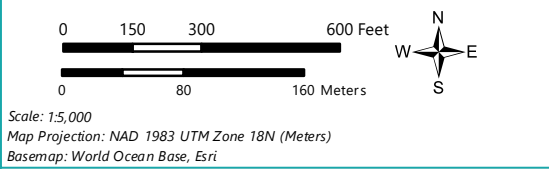
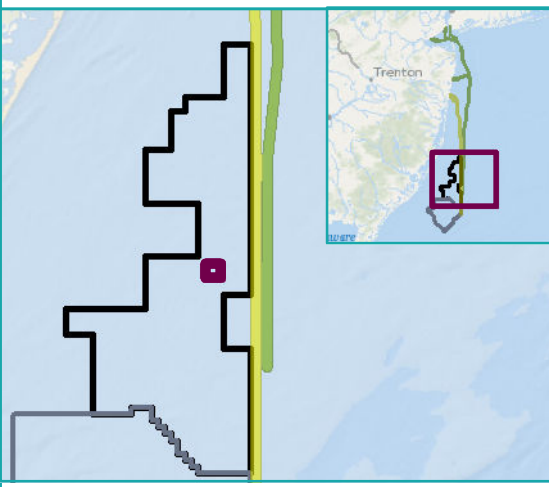
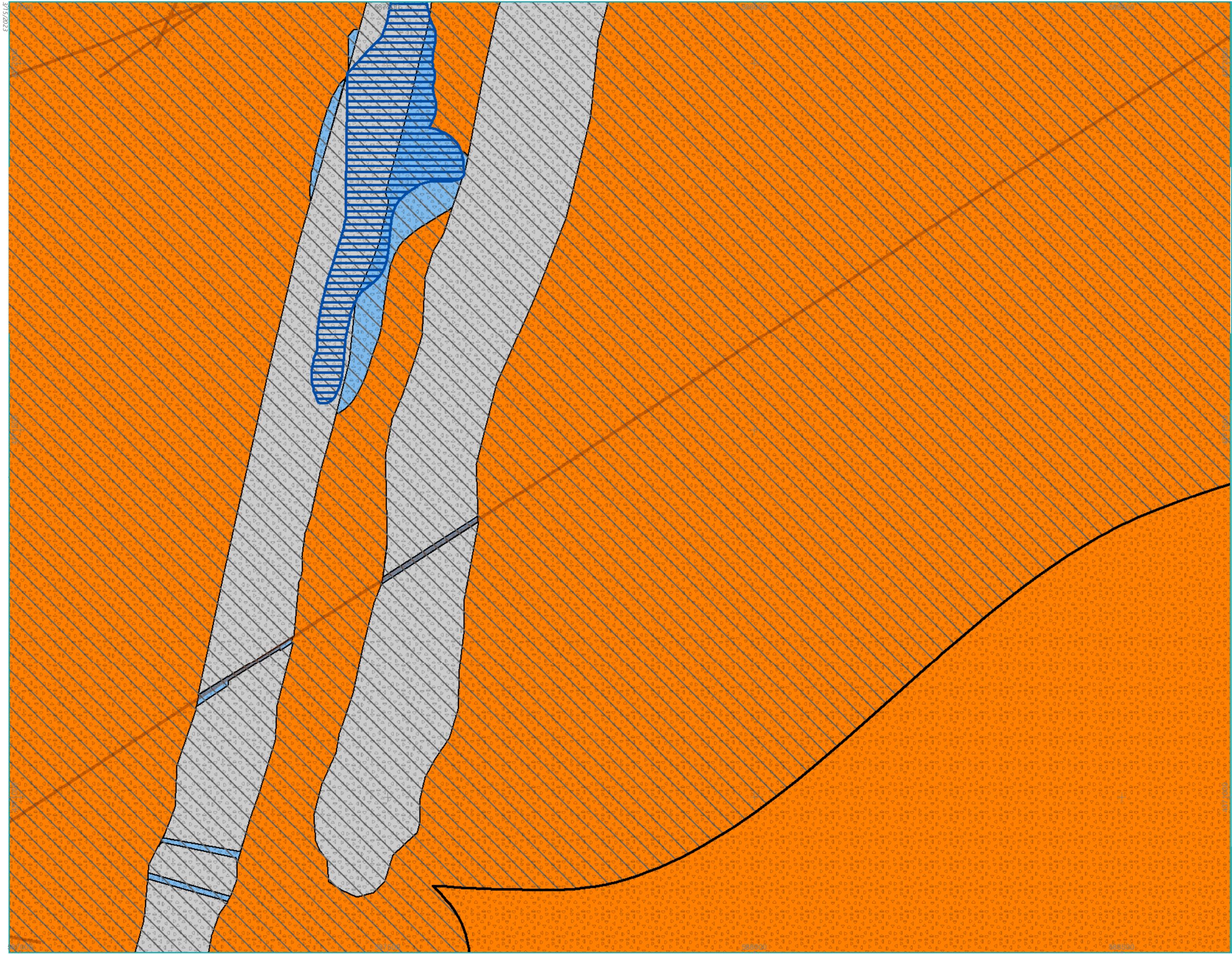
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

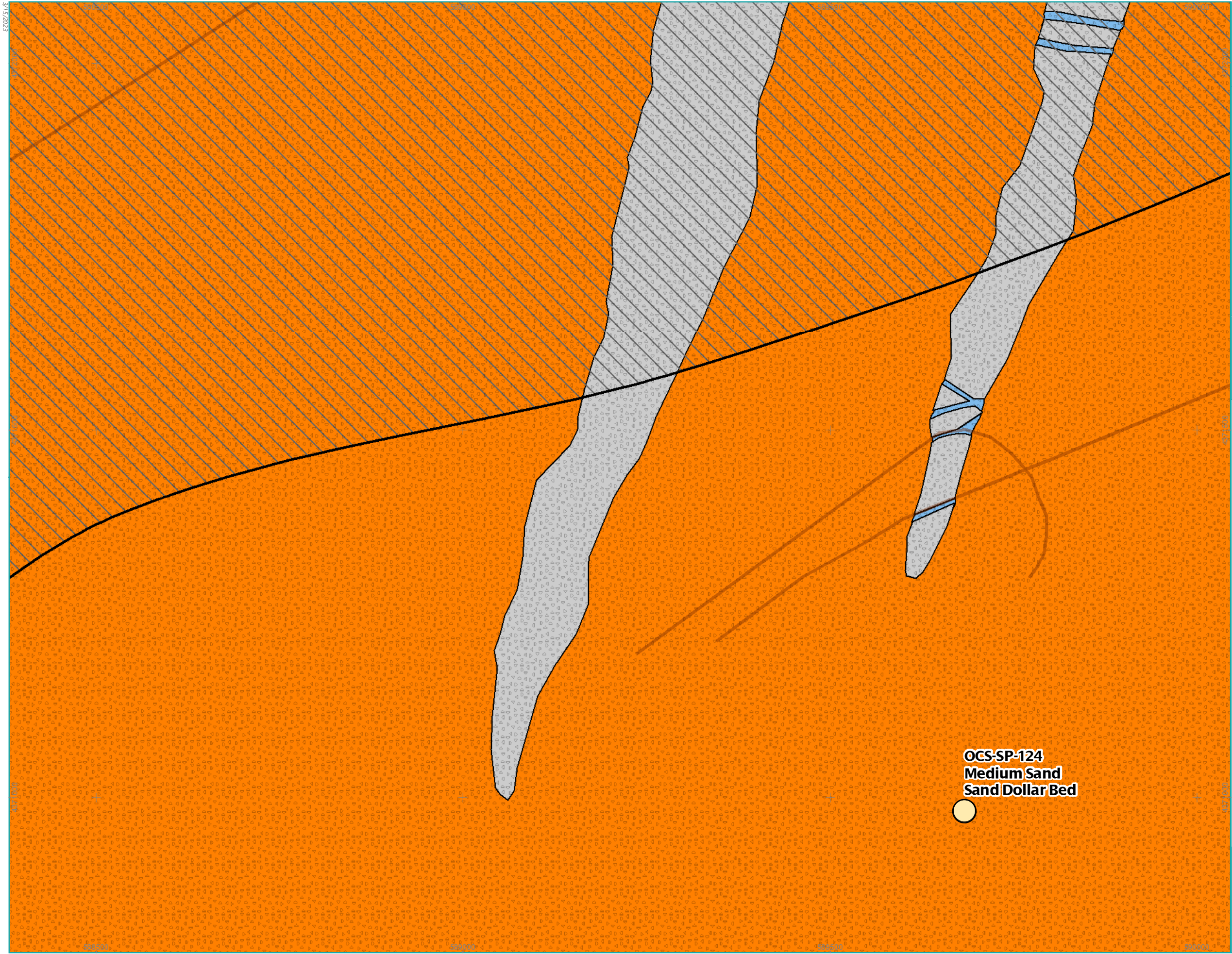
3/15/2023



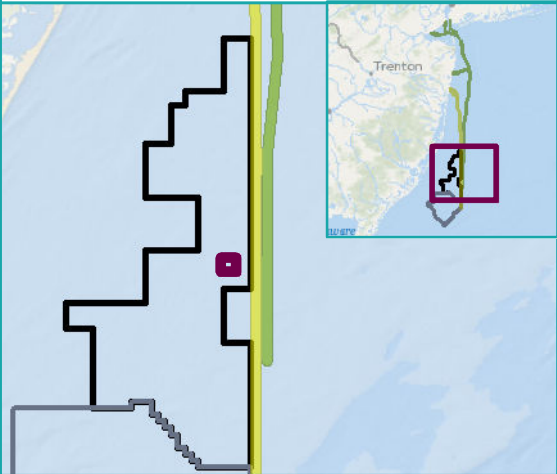
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



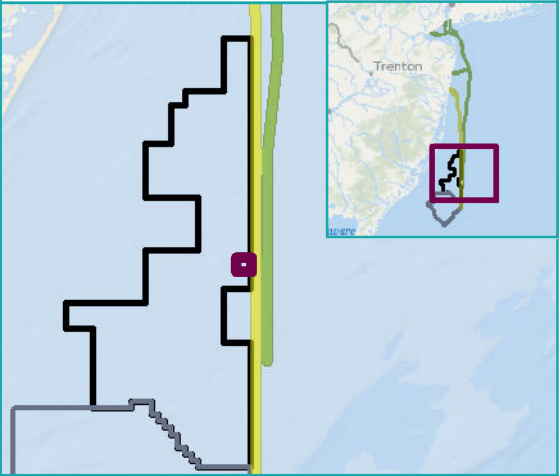
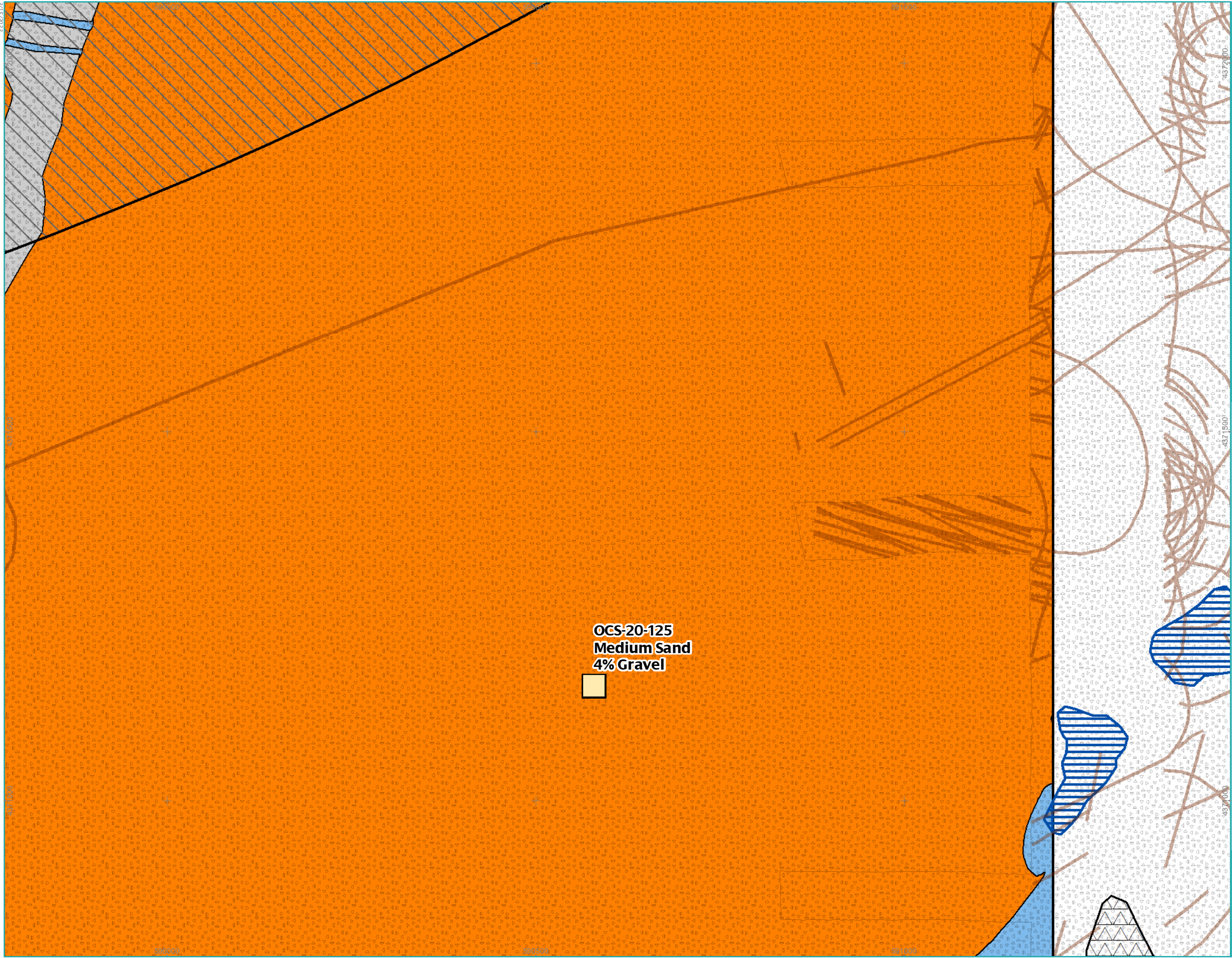
OCS-SP-124
Medium Sand
Sand Dollar Bed



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

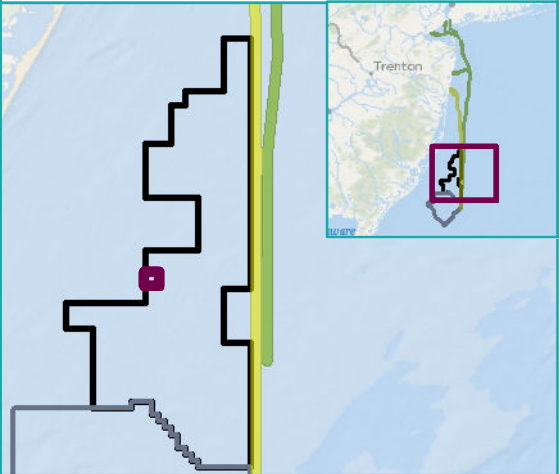
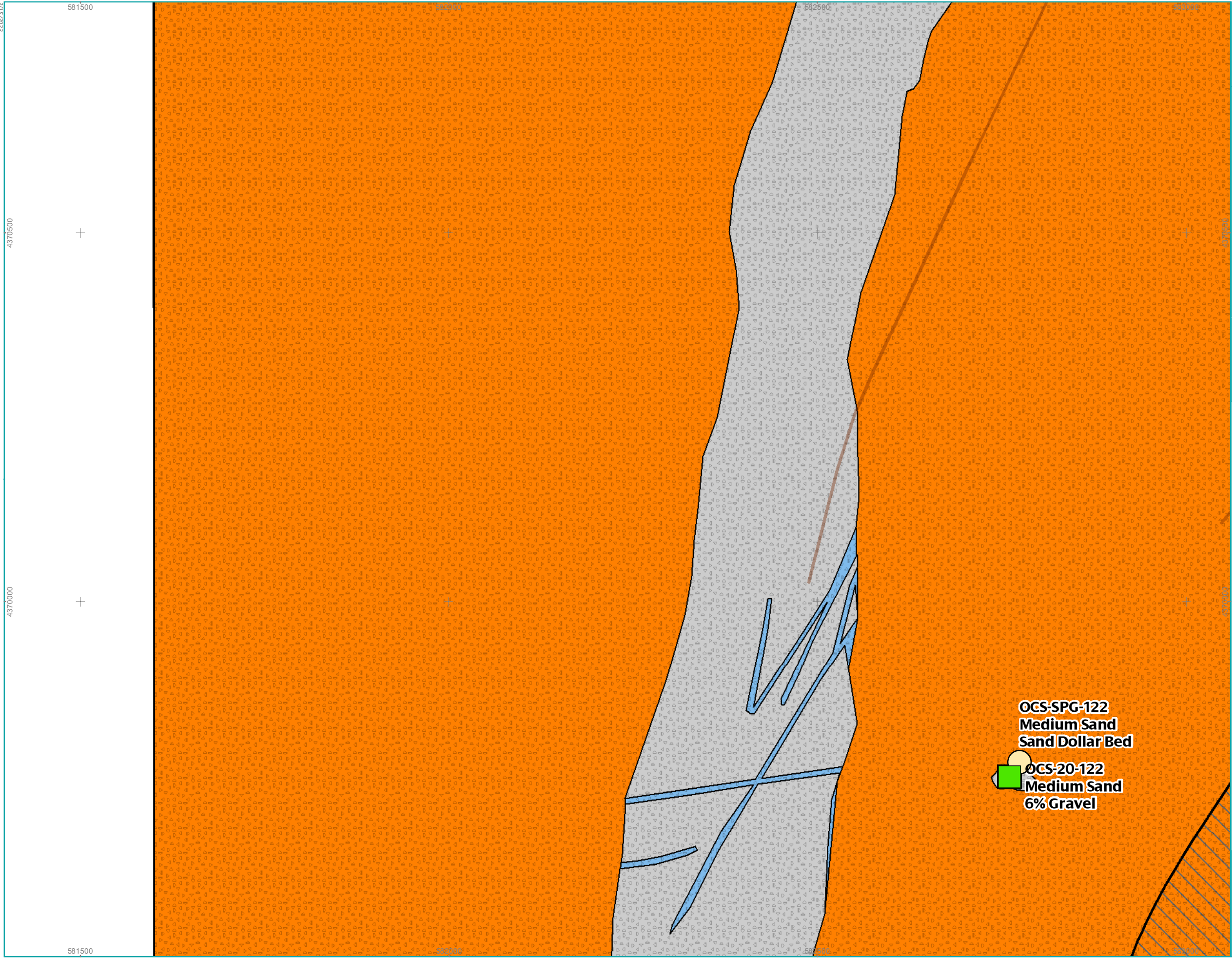
- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

OCS-SPG-122
Medium Sand
Sand Dollar Bed

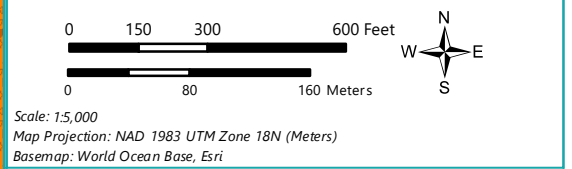
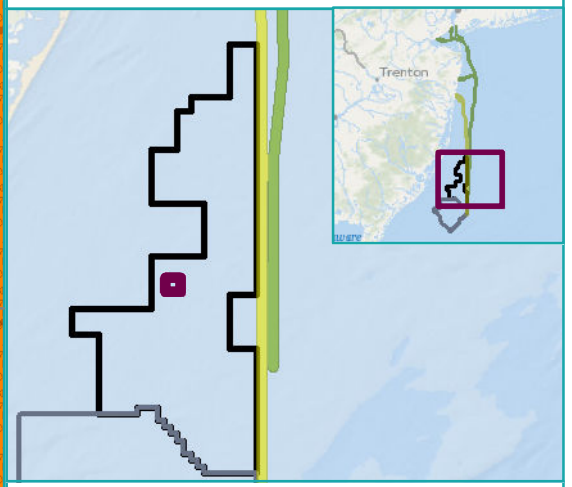
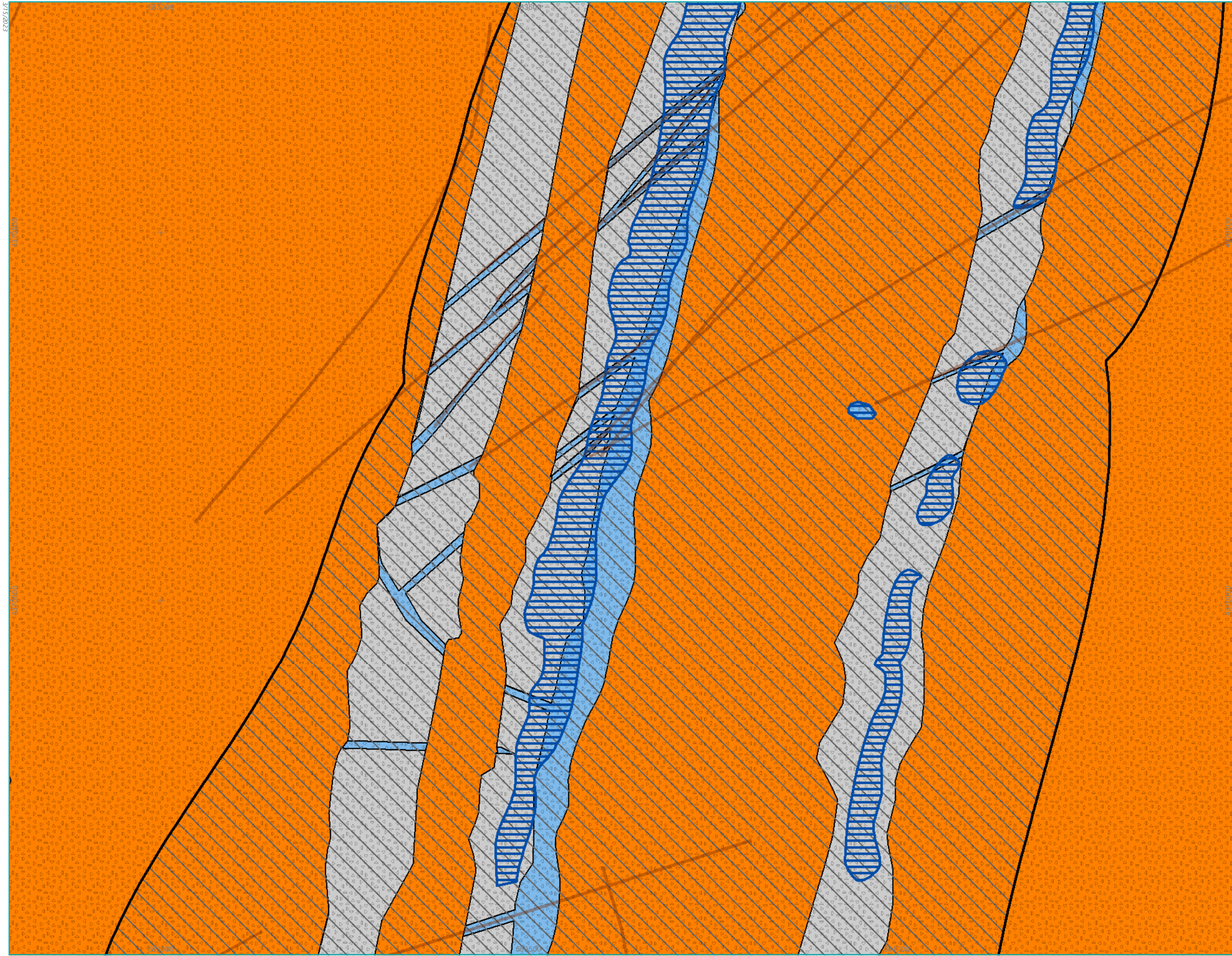
OCS-20-122
Medium Sand
6% Gravel

3/15/2023

60°11'N

60°11'N

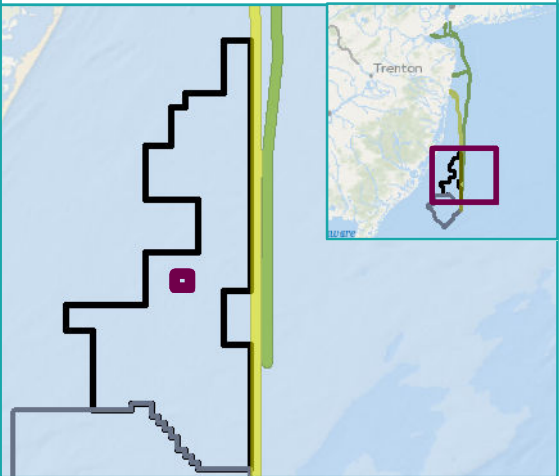
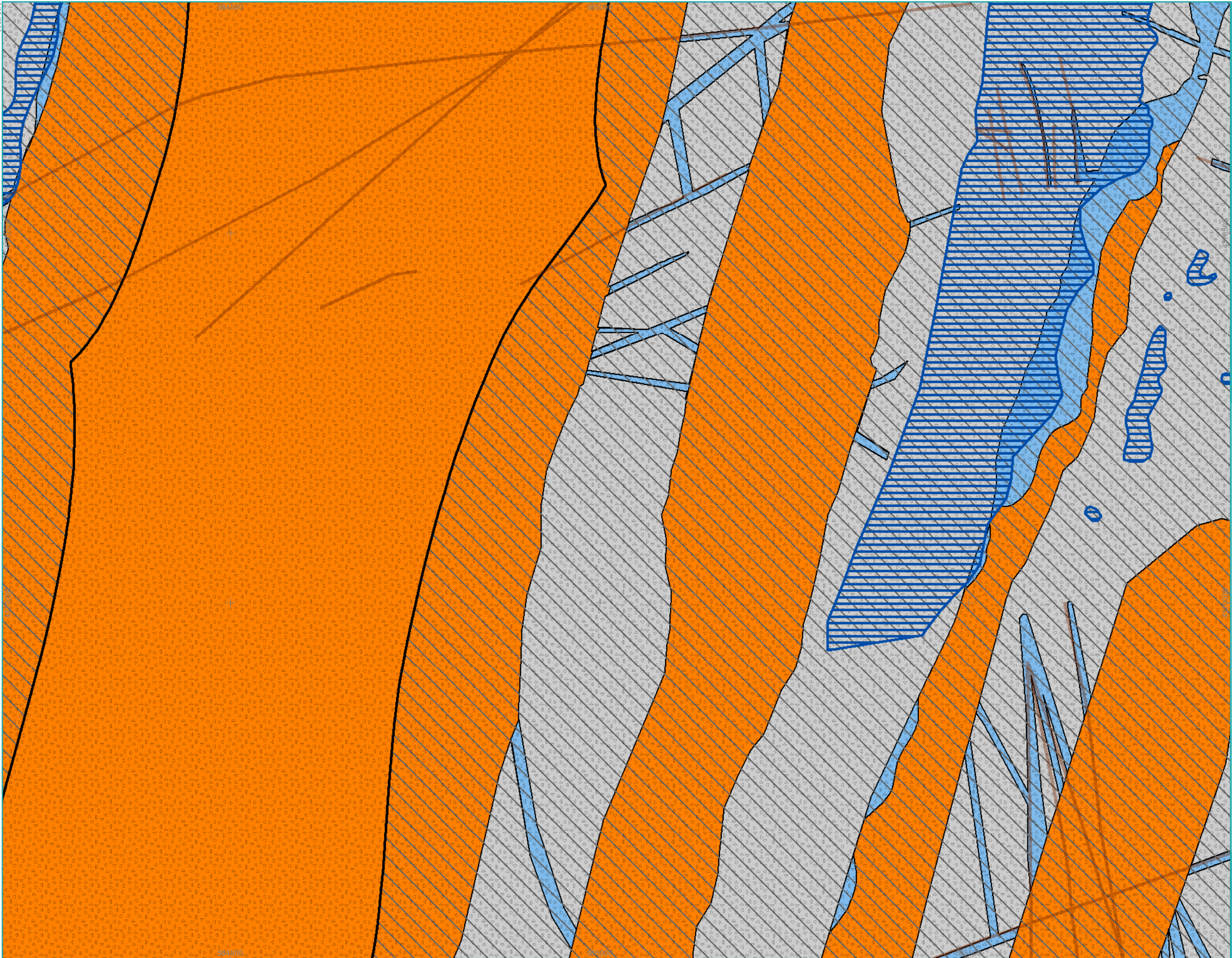
60°11'N



LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

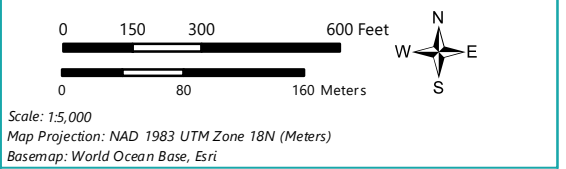
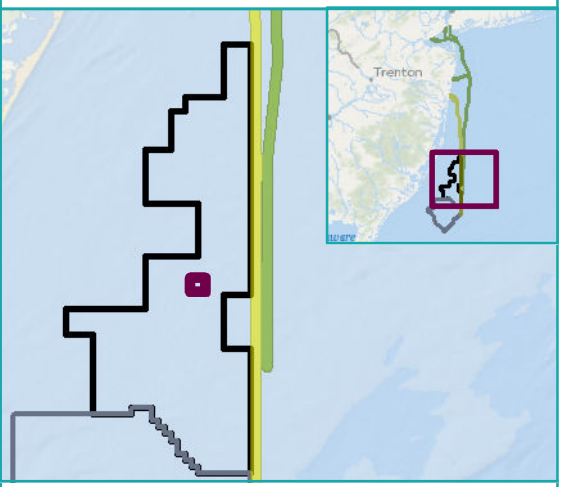
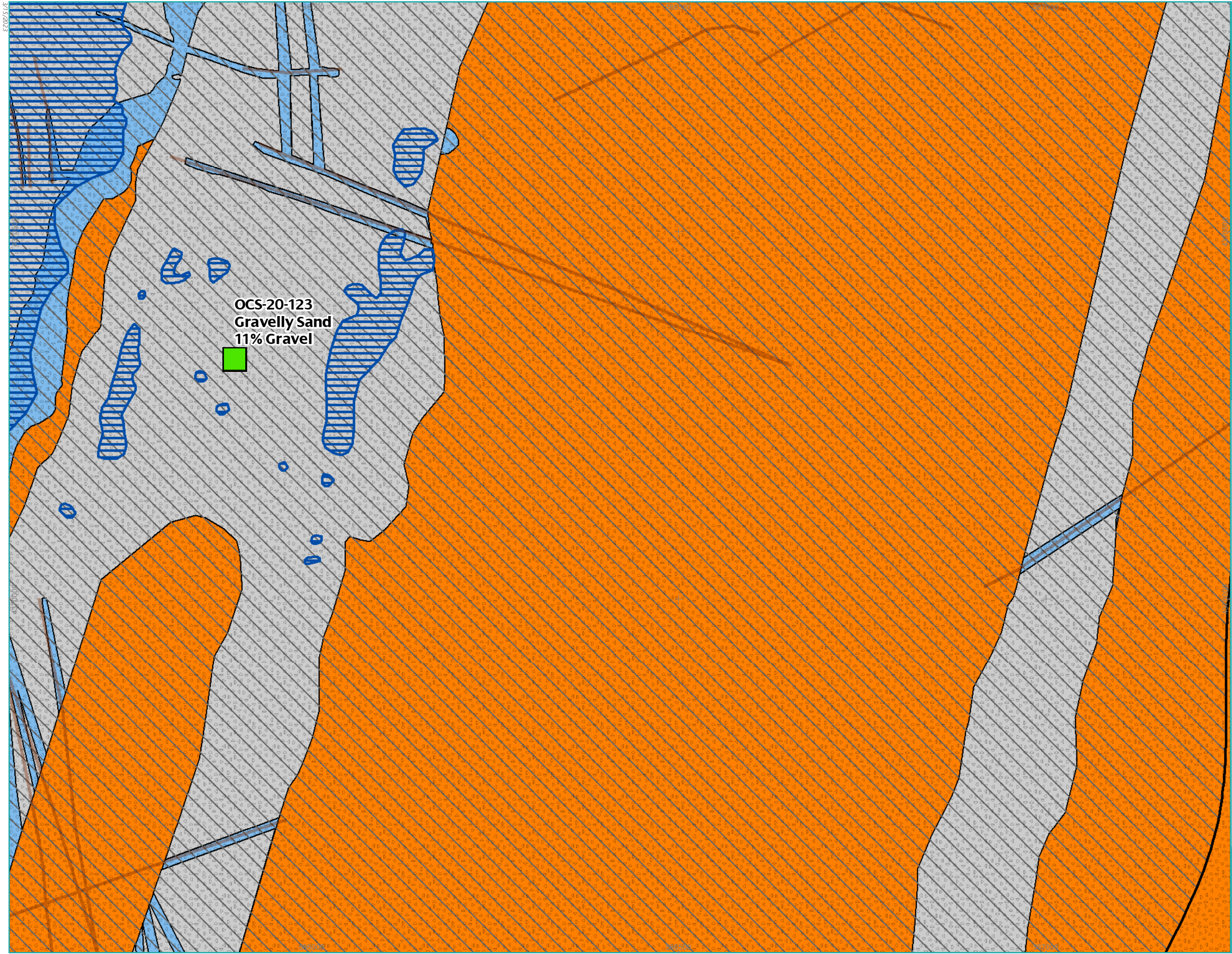


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

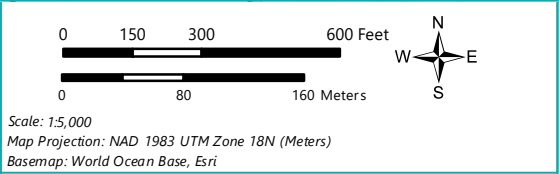
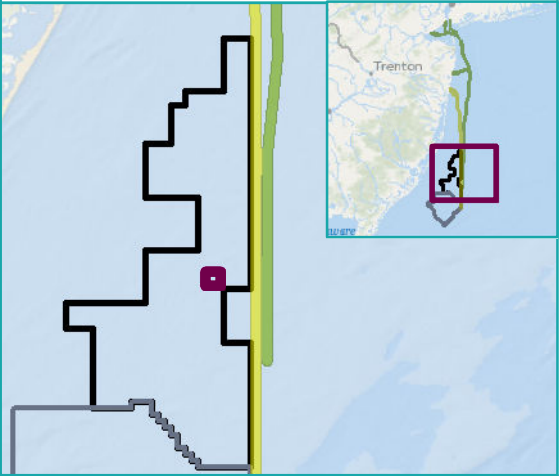
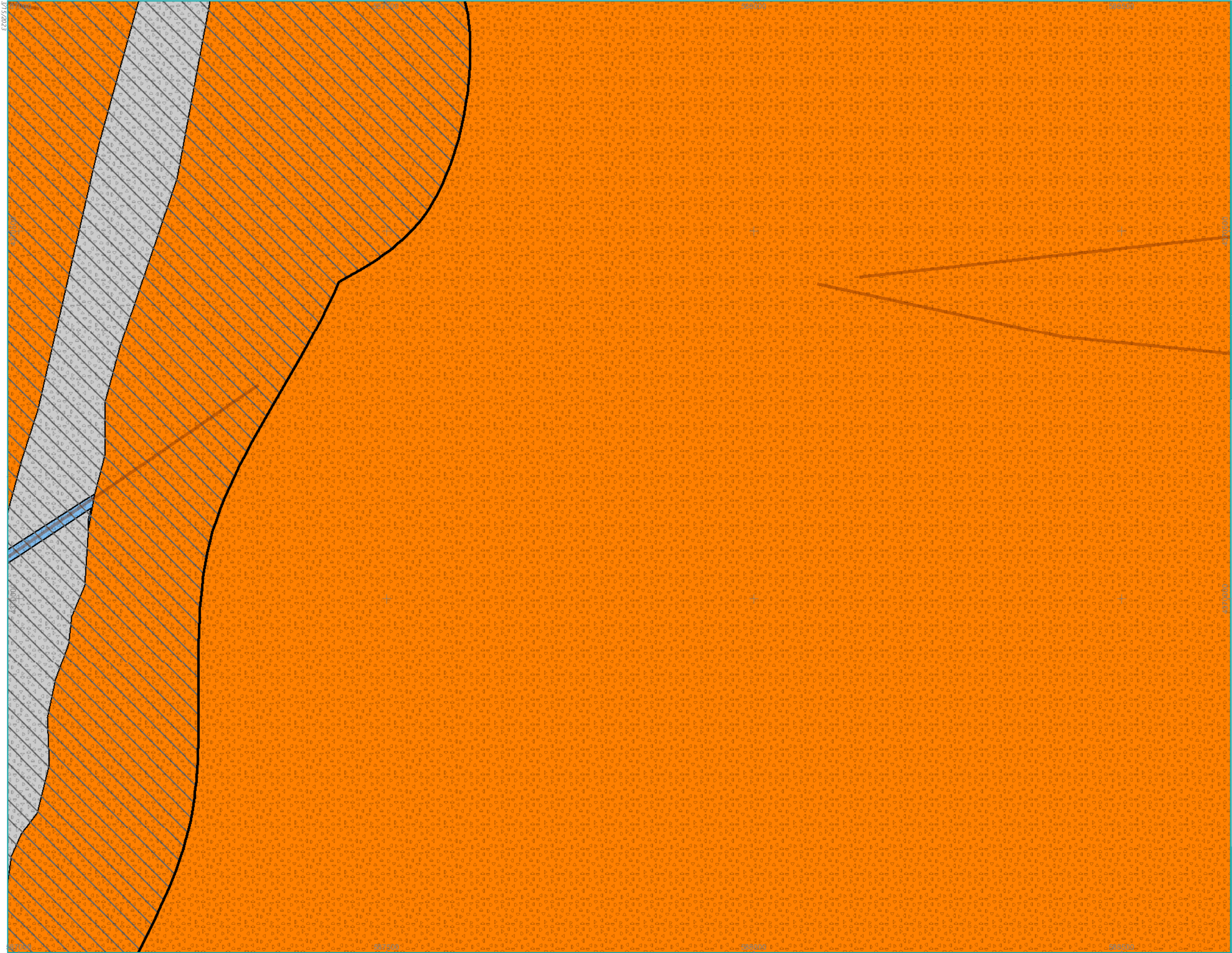
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



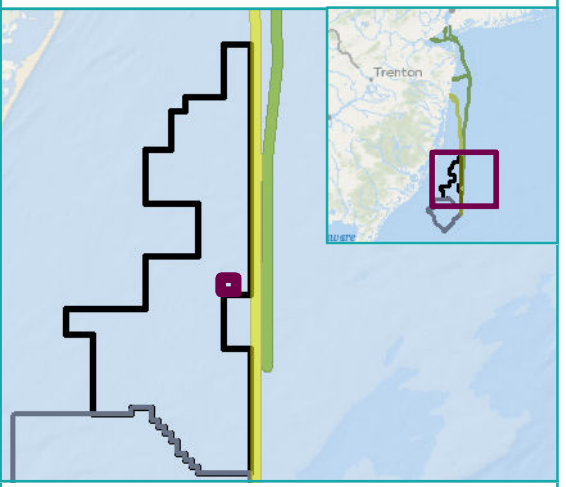
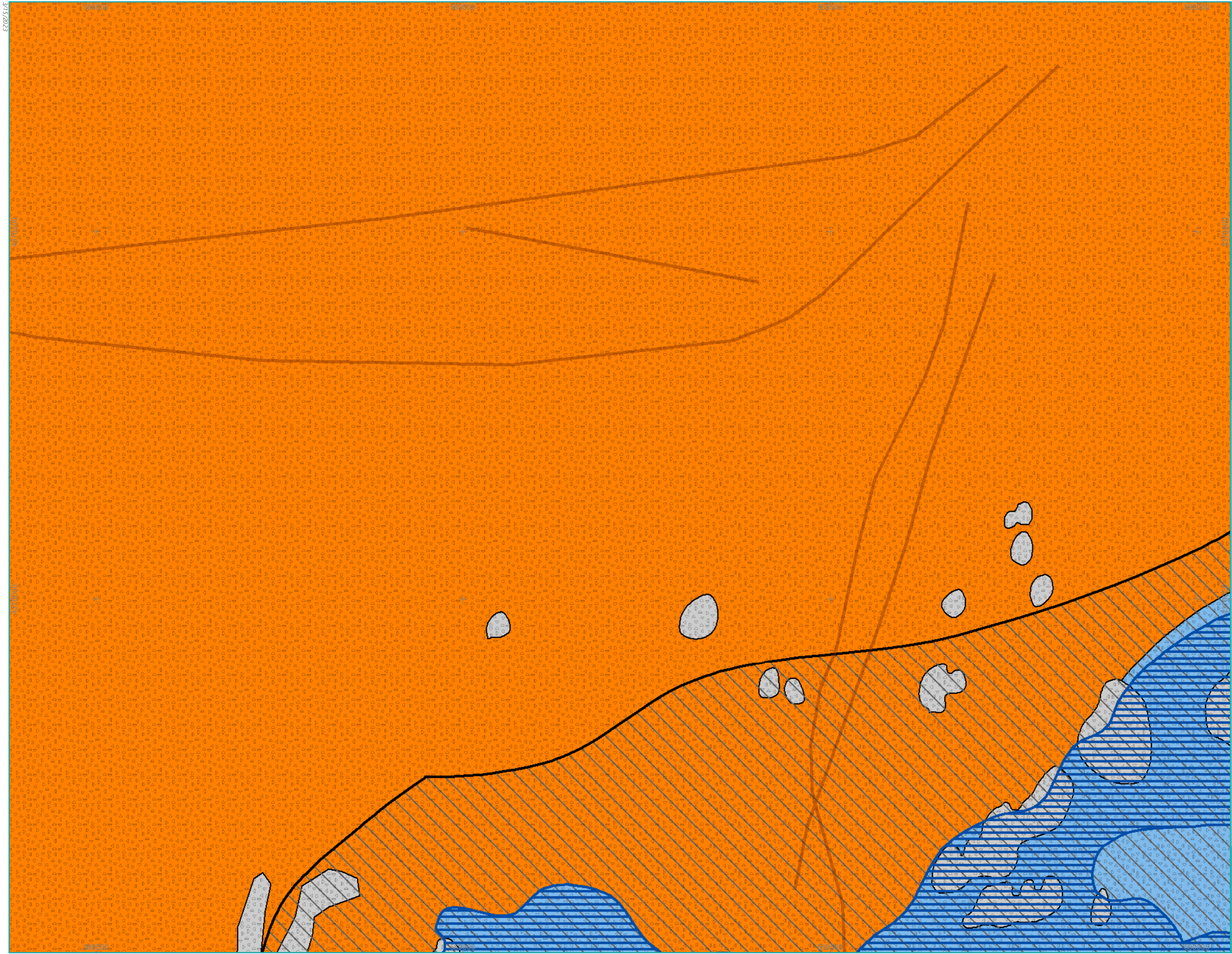
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/17/2023



- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

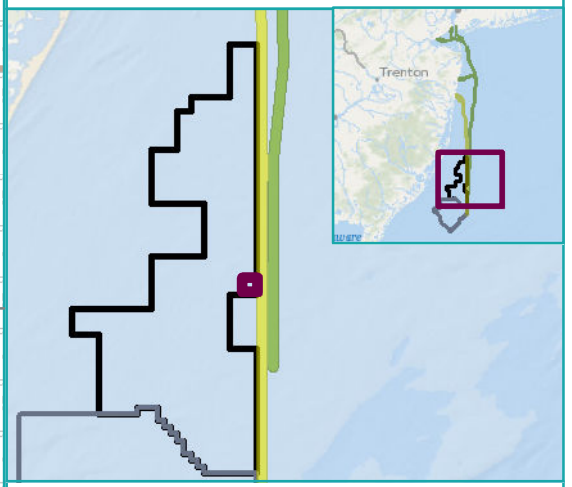
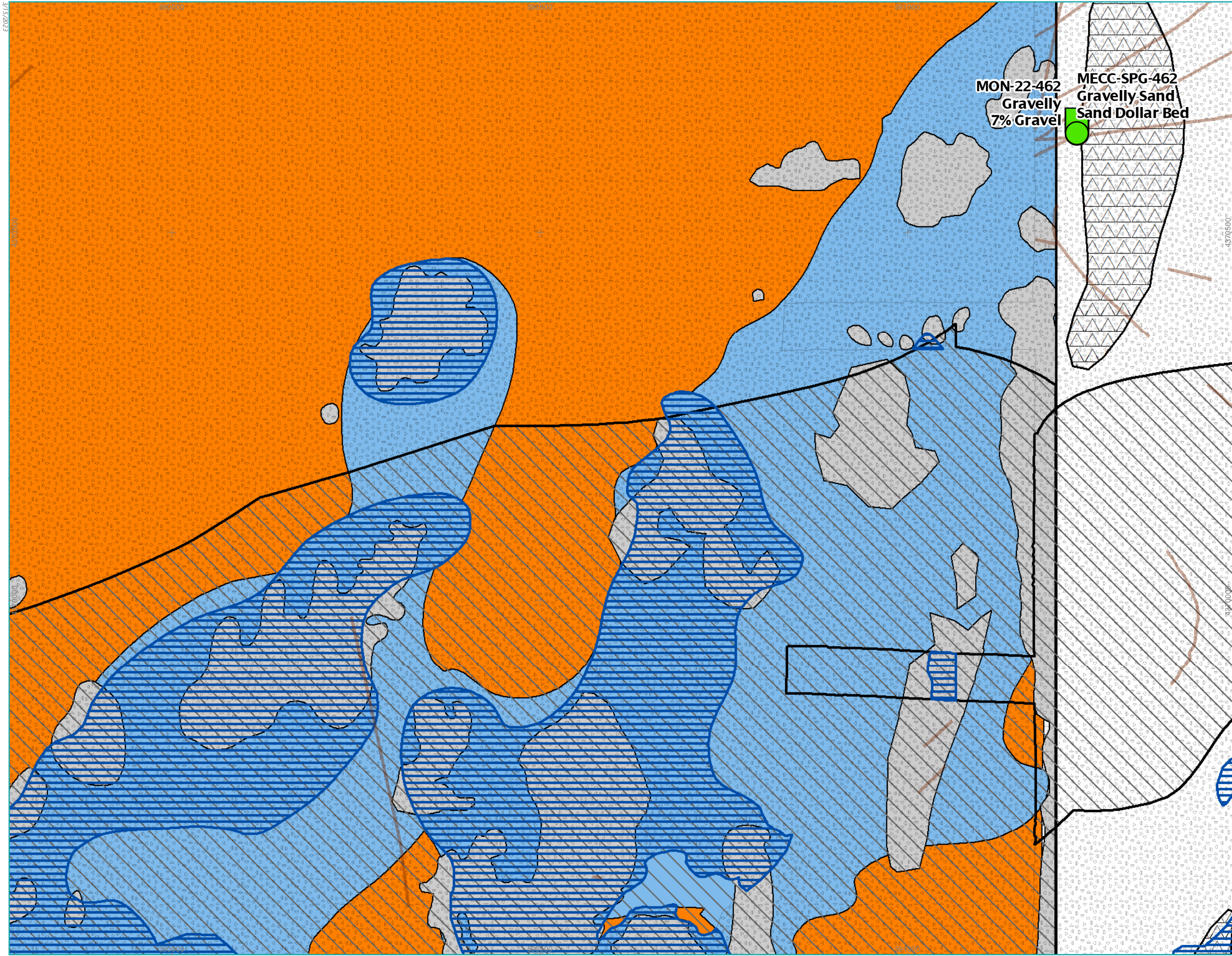
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

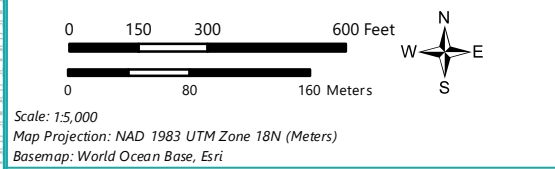
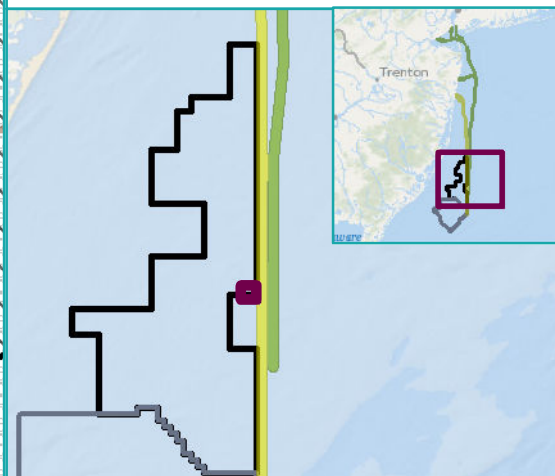
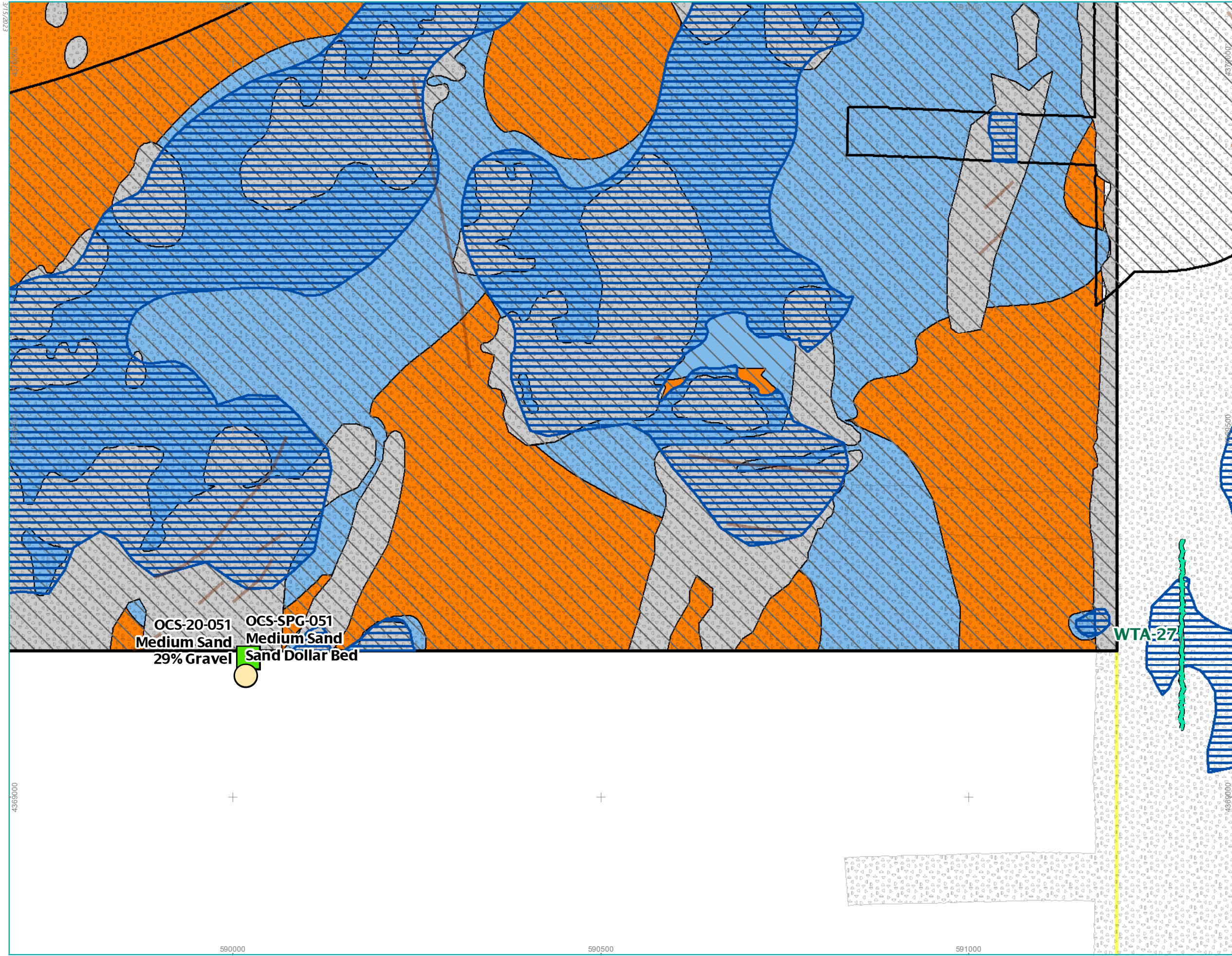
3/15/2023



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Basemap: World Ocean Base, Esri

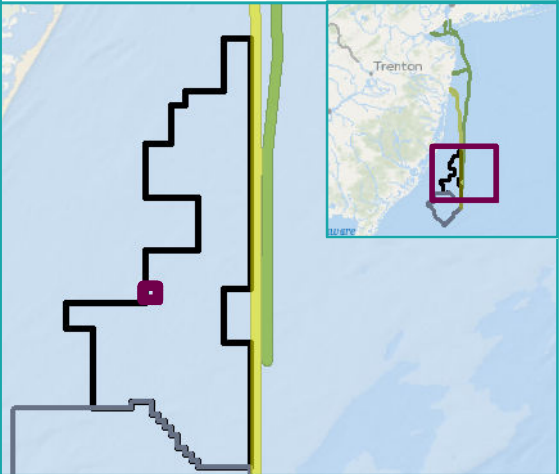
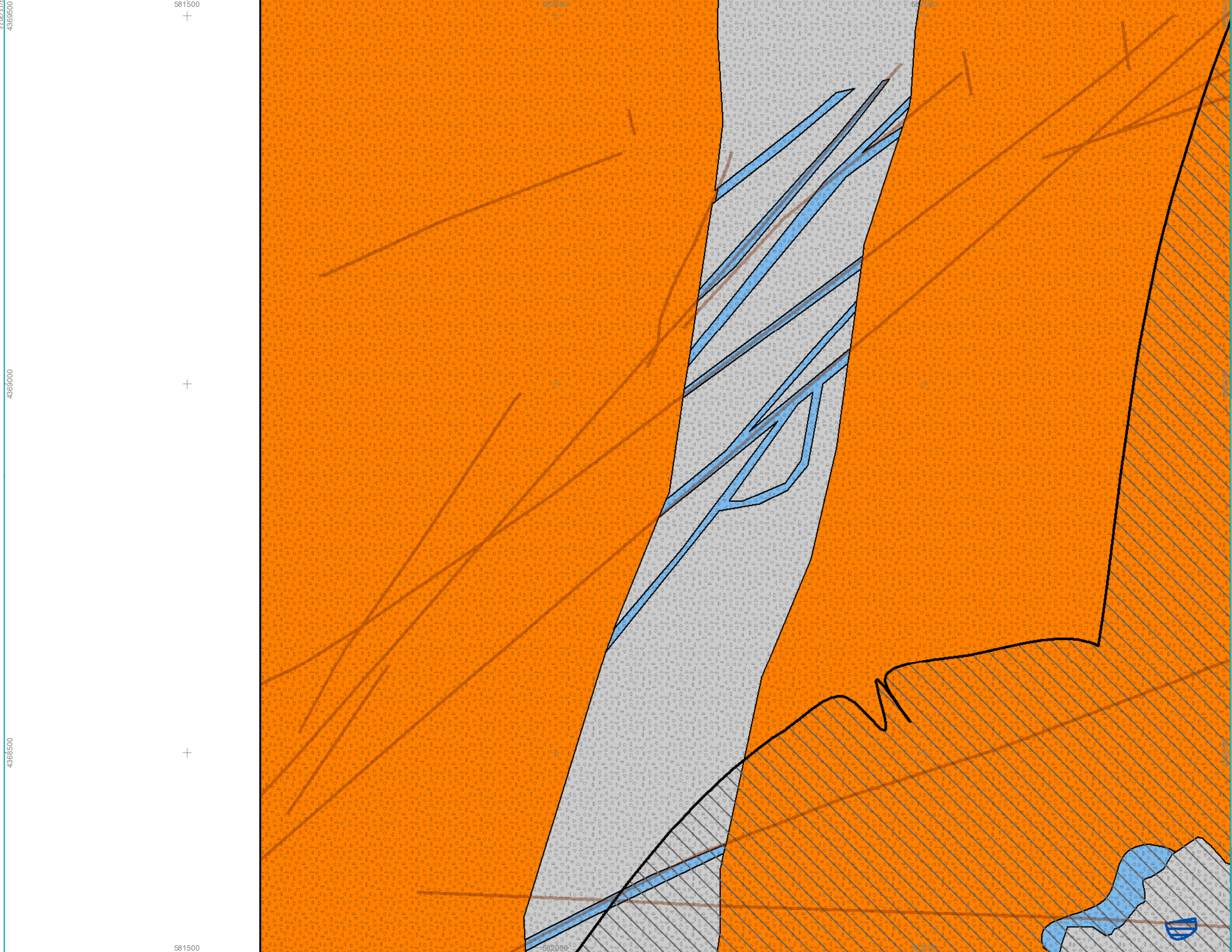
- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

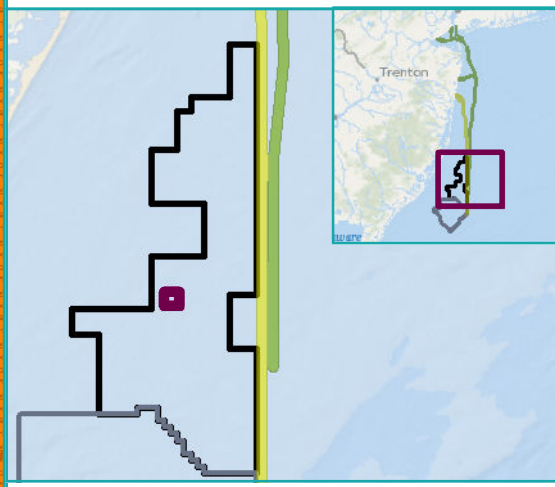
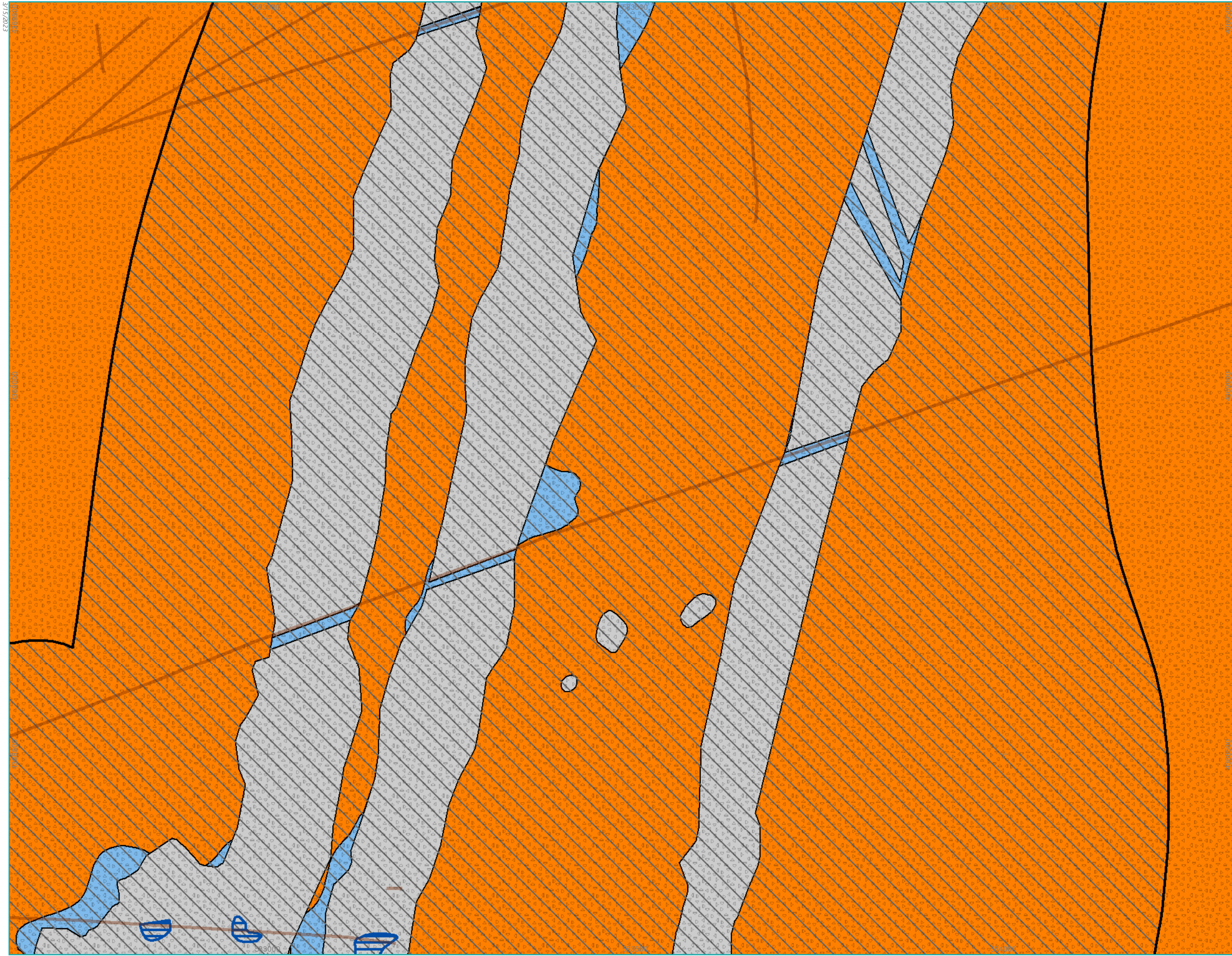


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

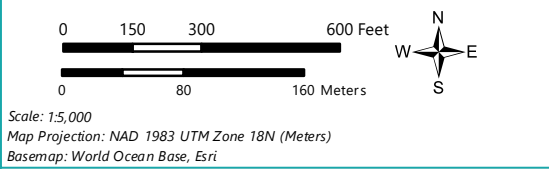
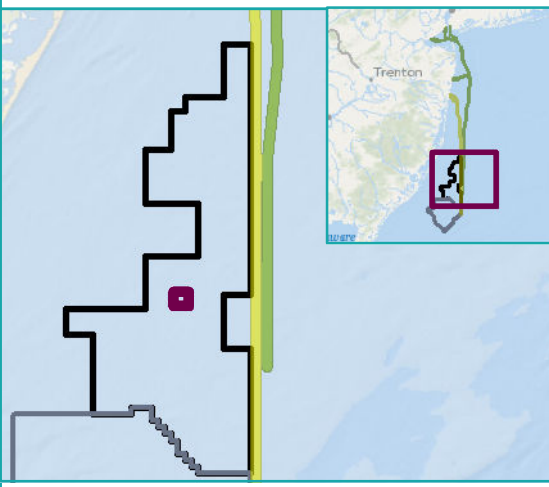
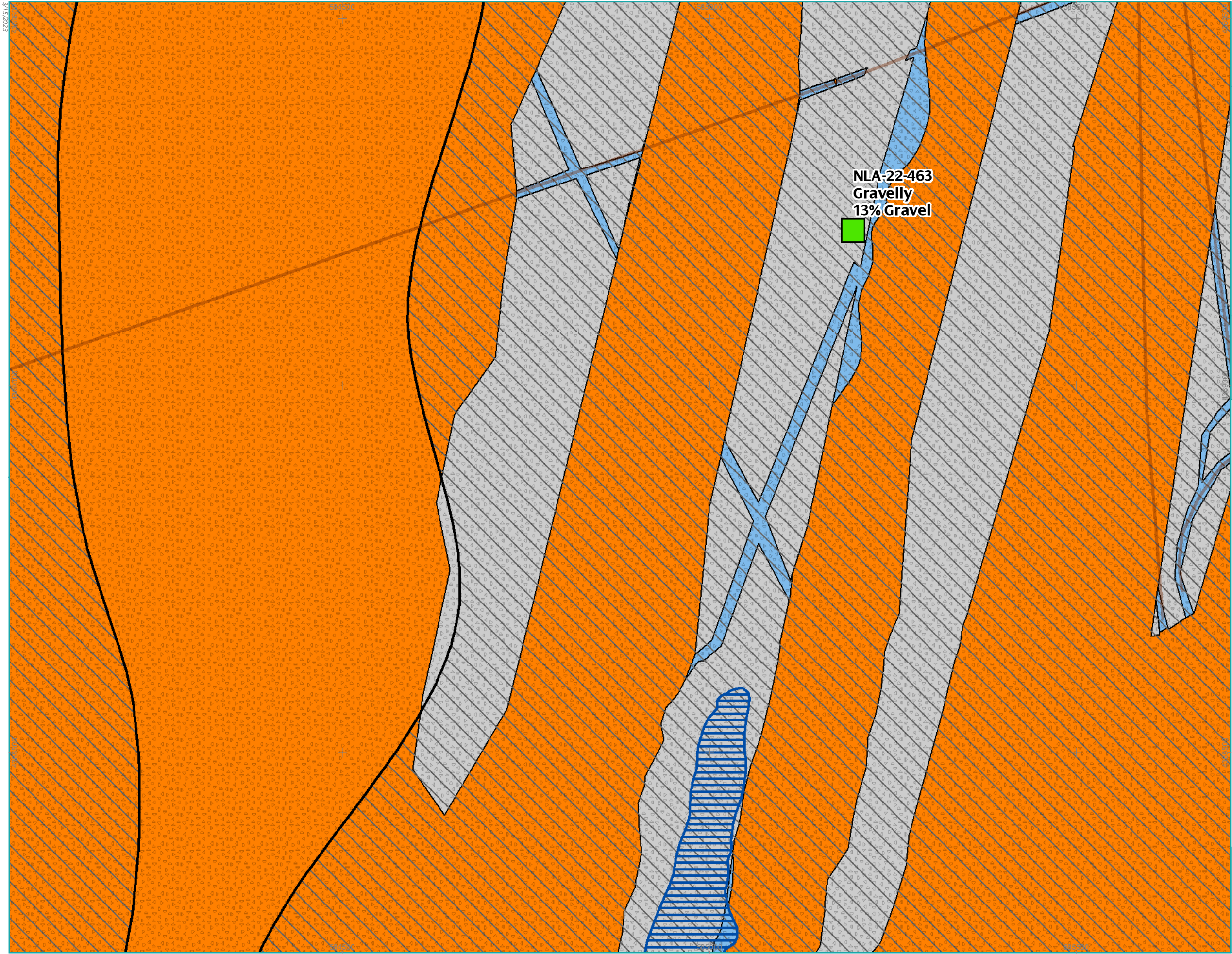
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Basemap: World Ocean Base, Esri

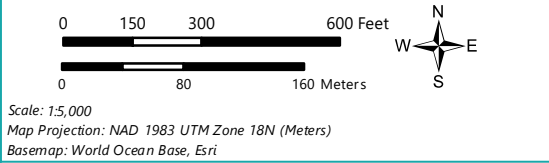
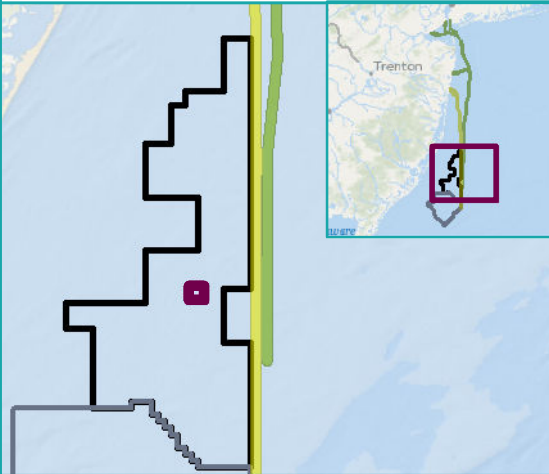
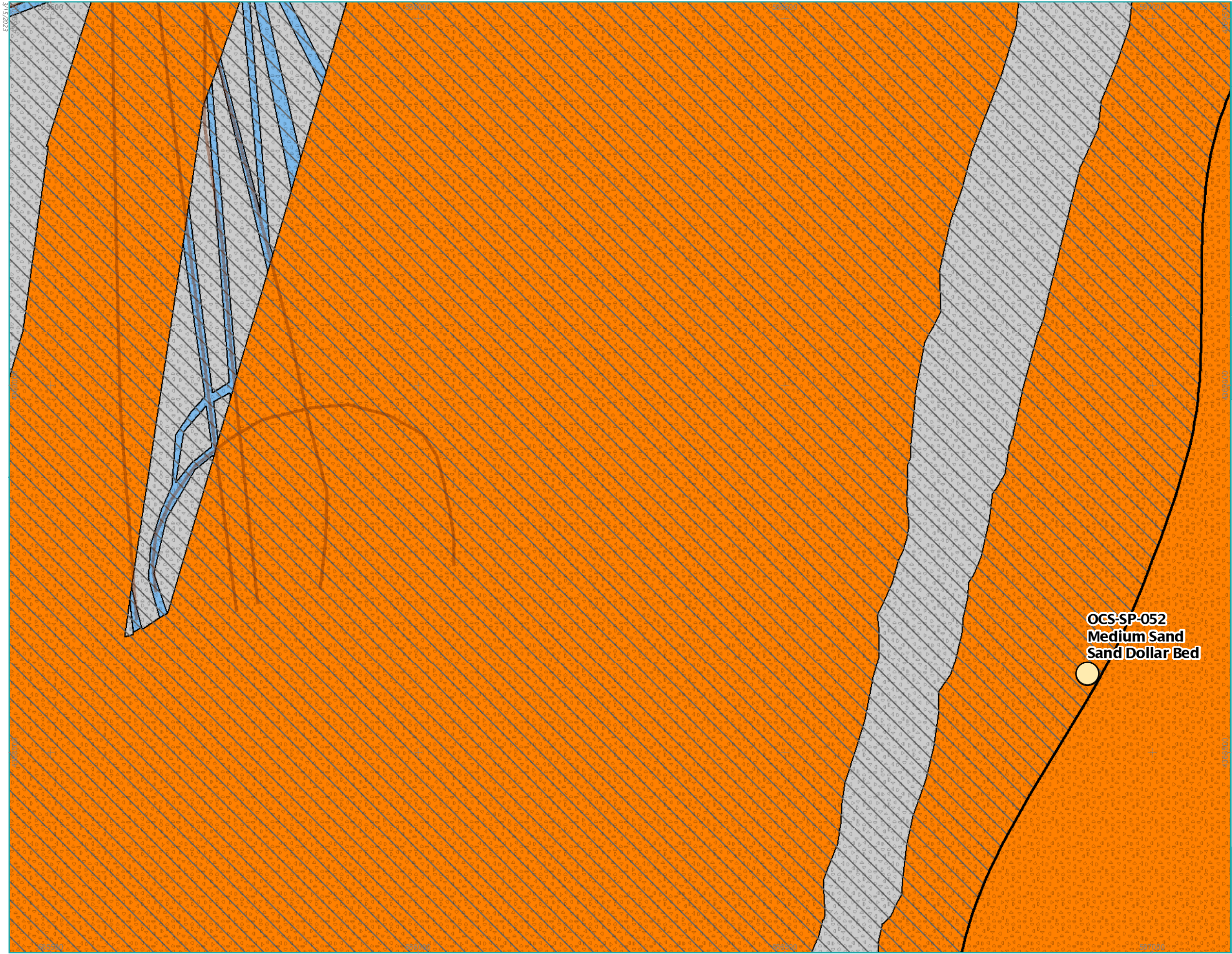
- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

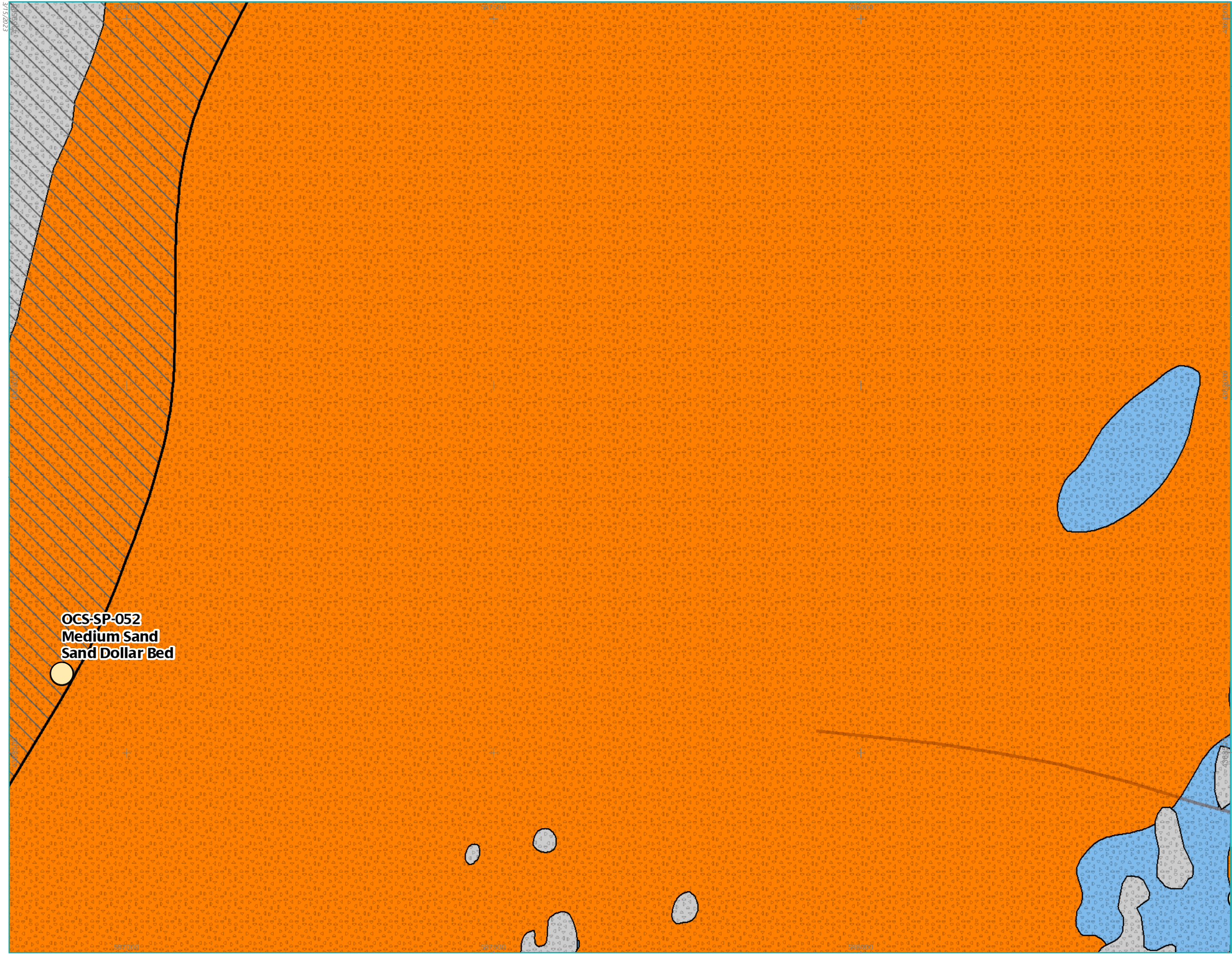
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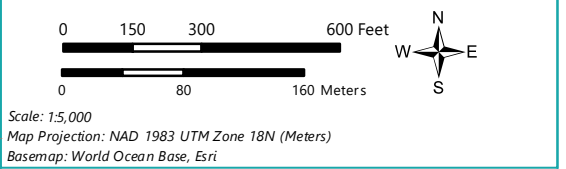
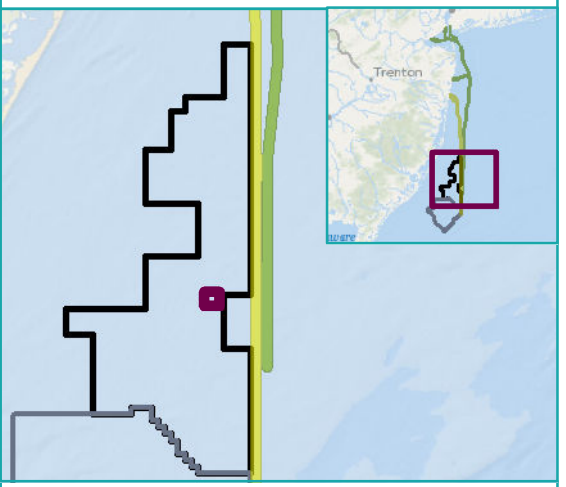
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

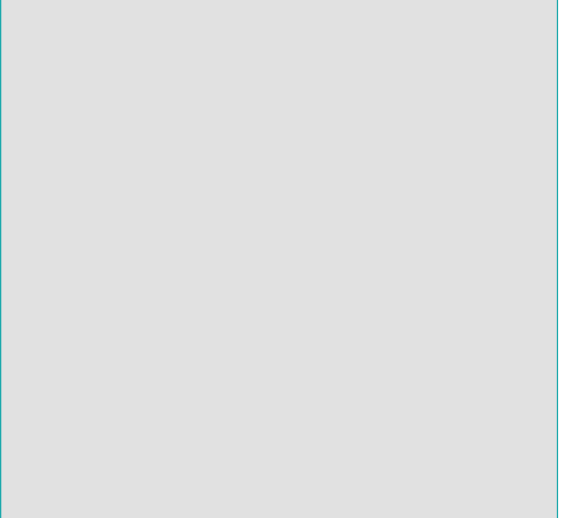
OCS-SP-052
Medium Sand
Sand Dollar Bed



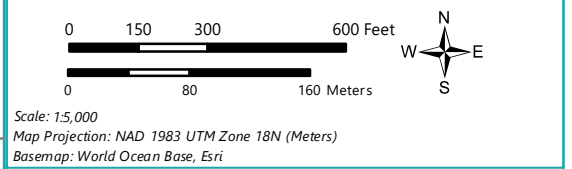
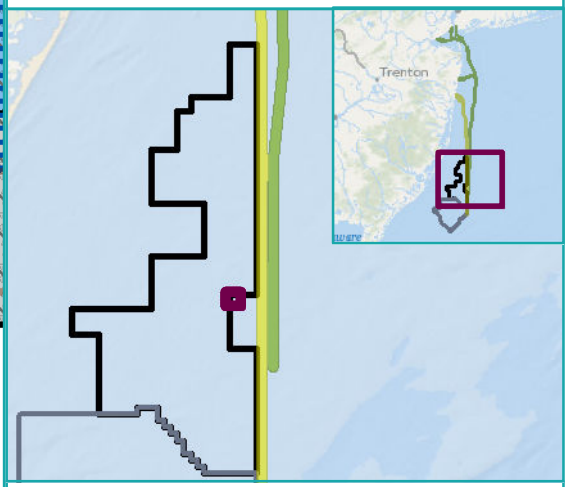
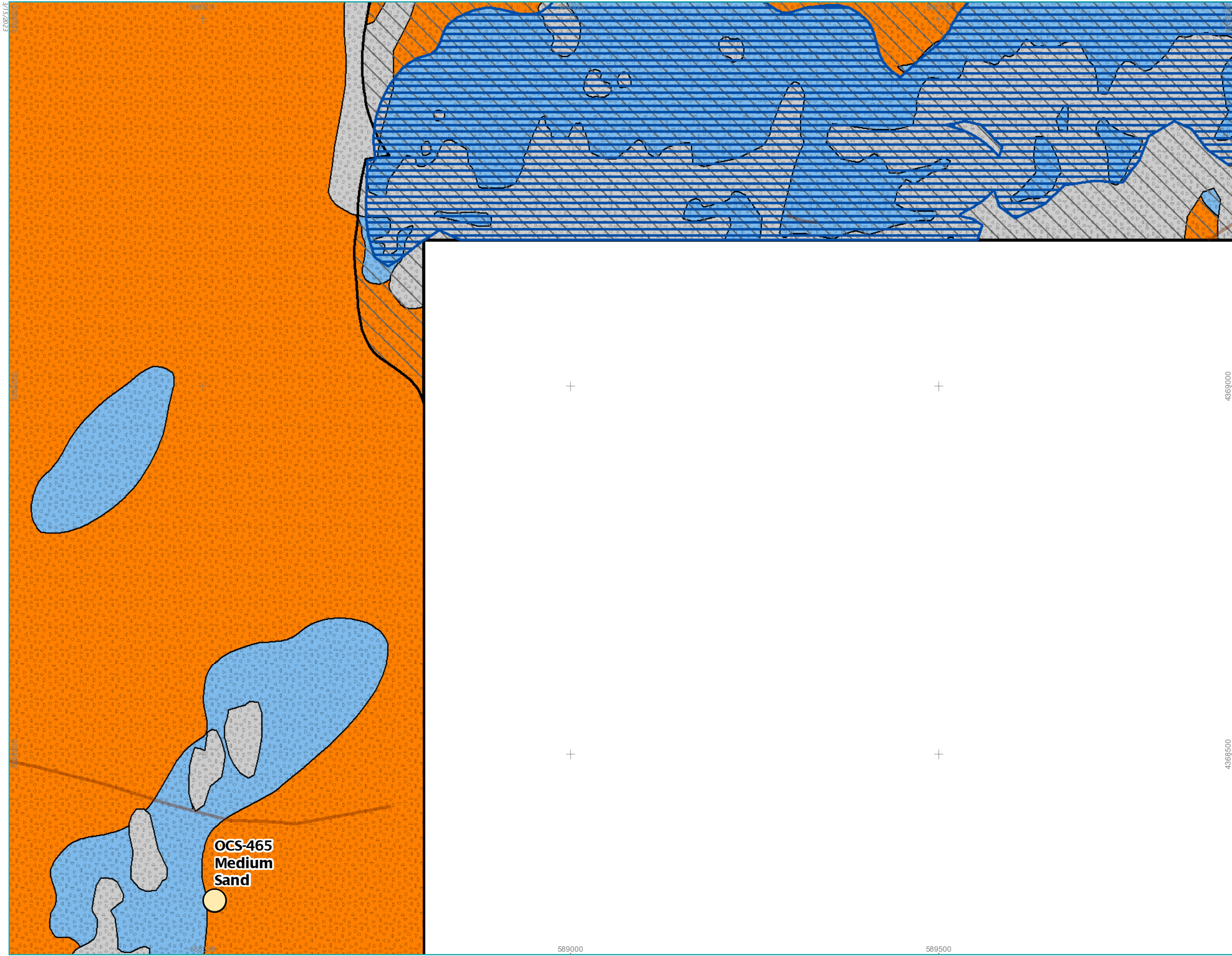
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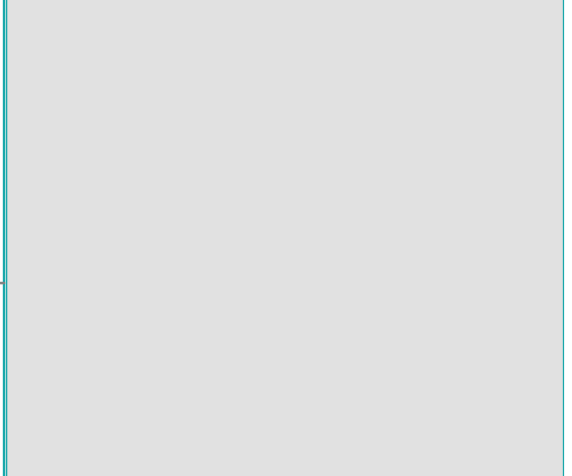
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

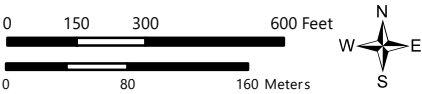
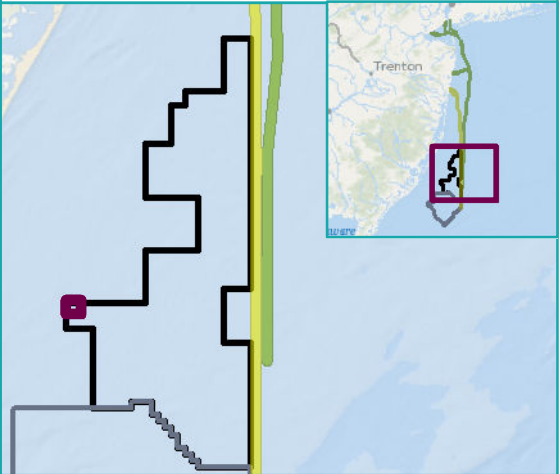
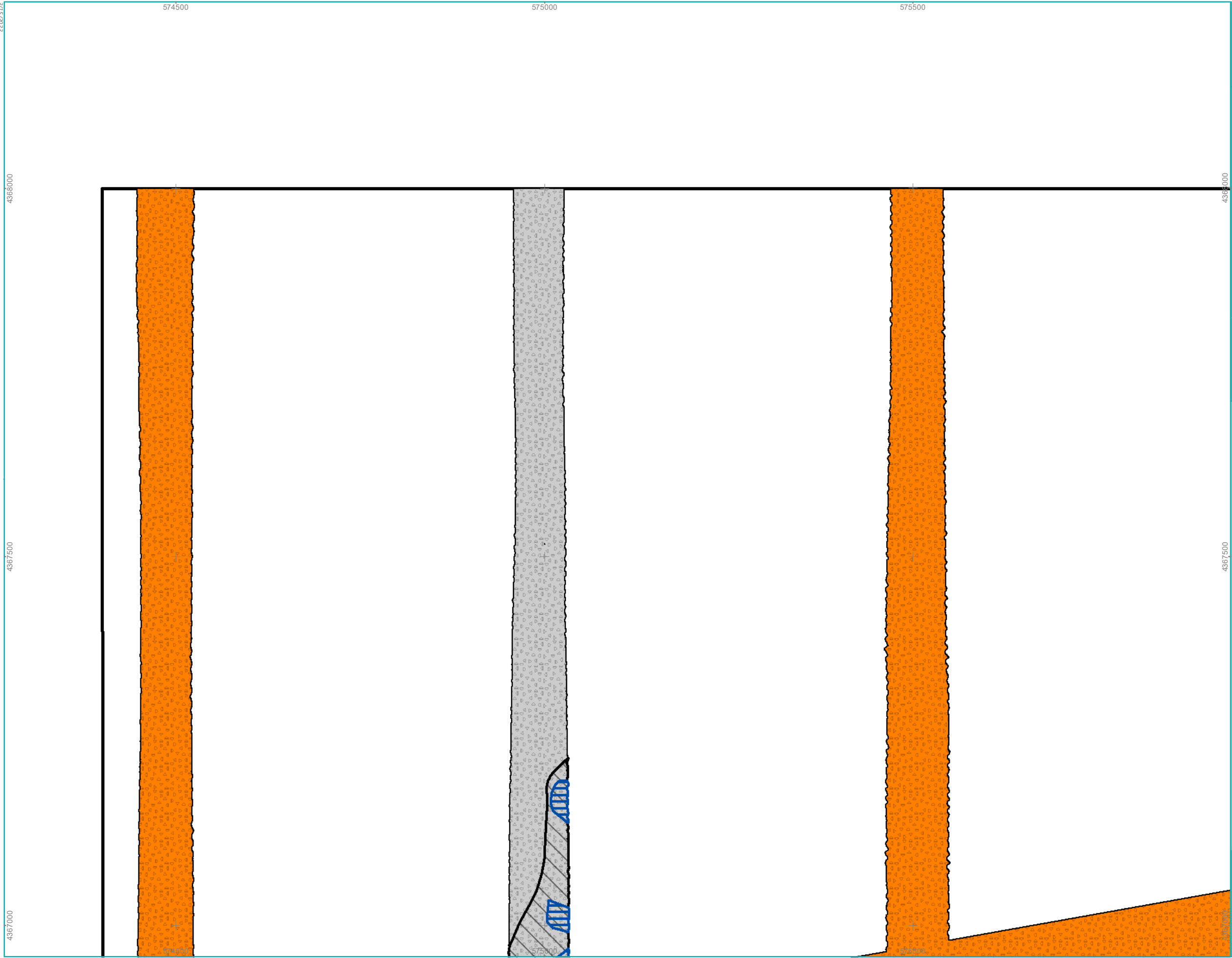


3/15/2023



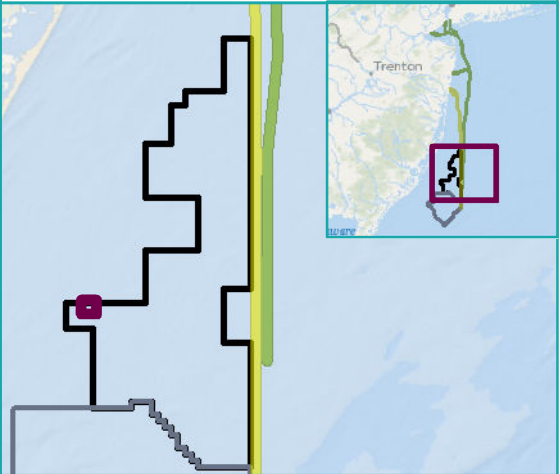
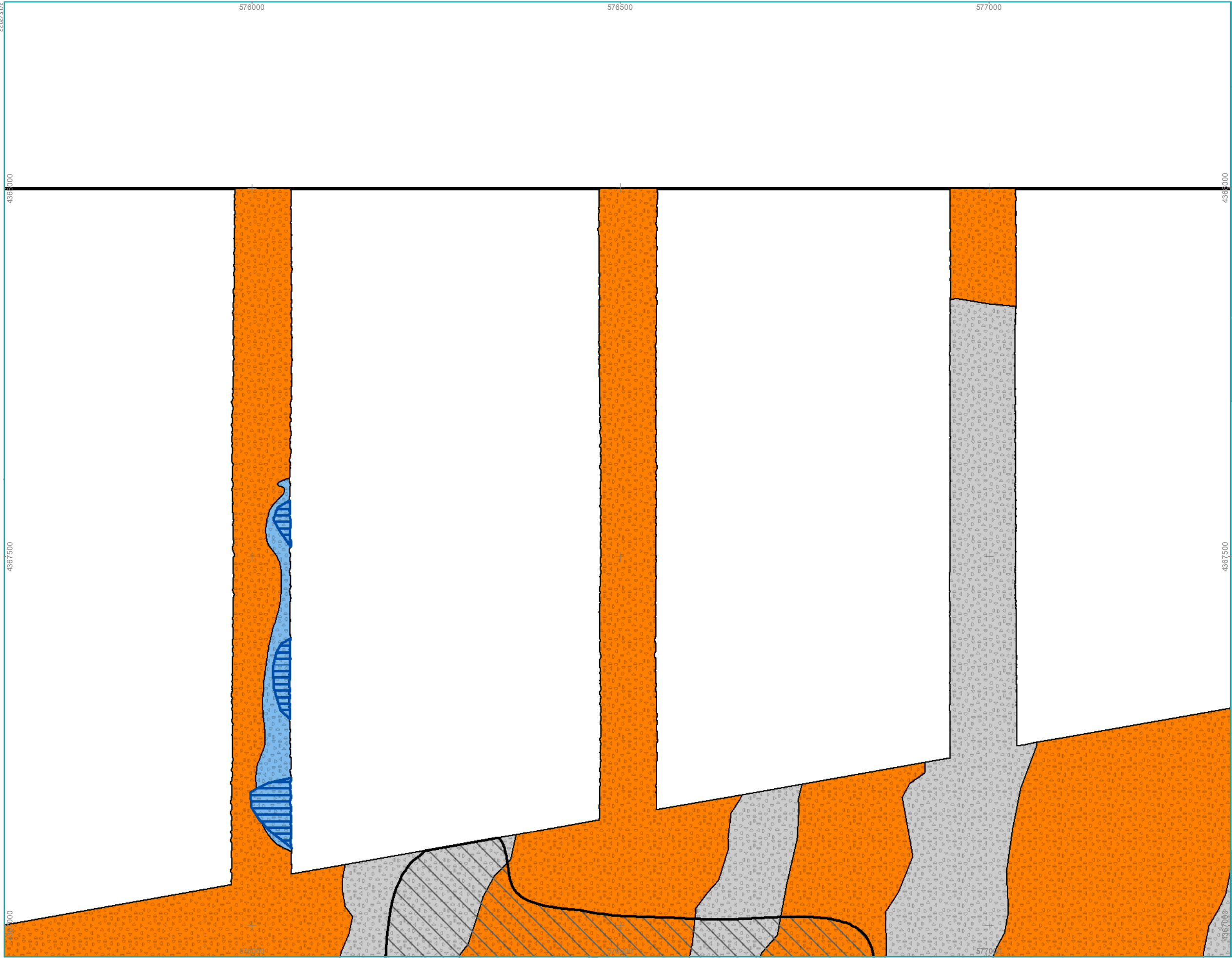
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549





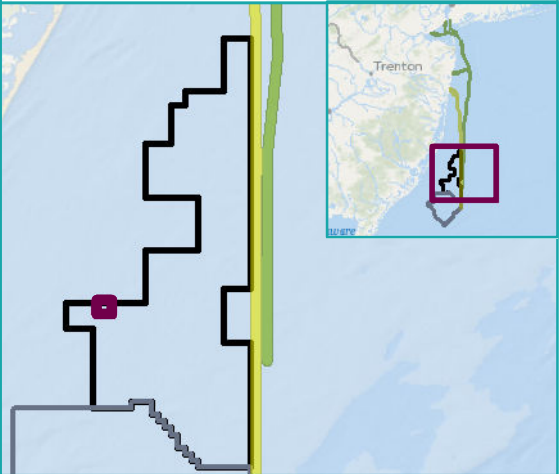
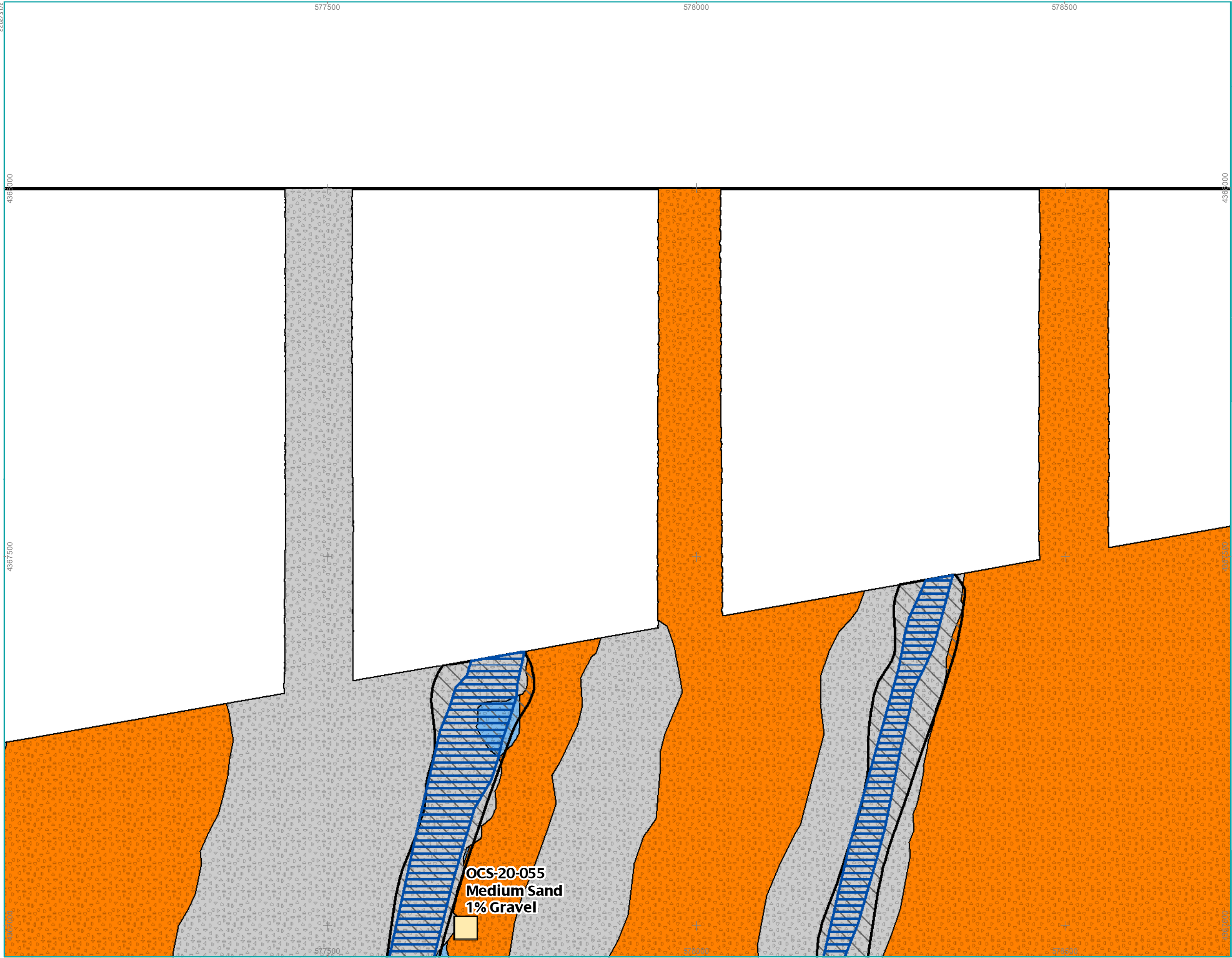
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

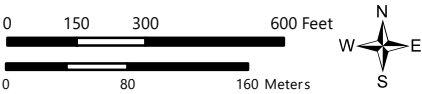
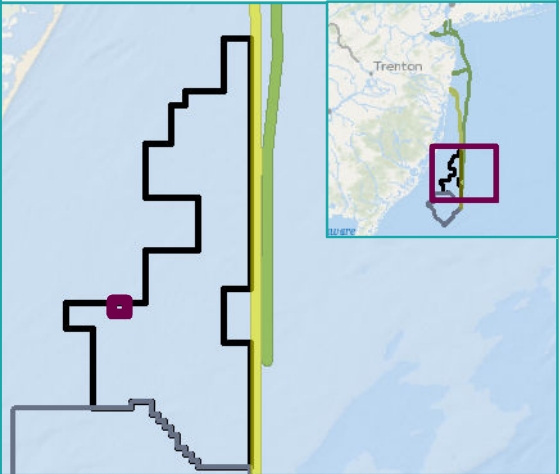
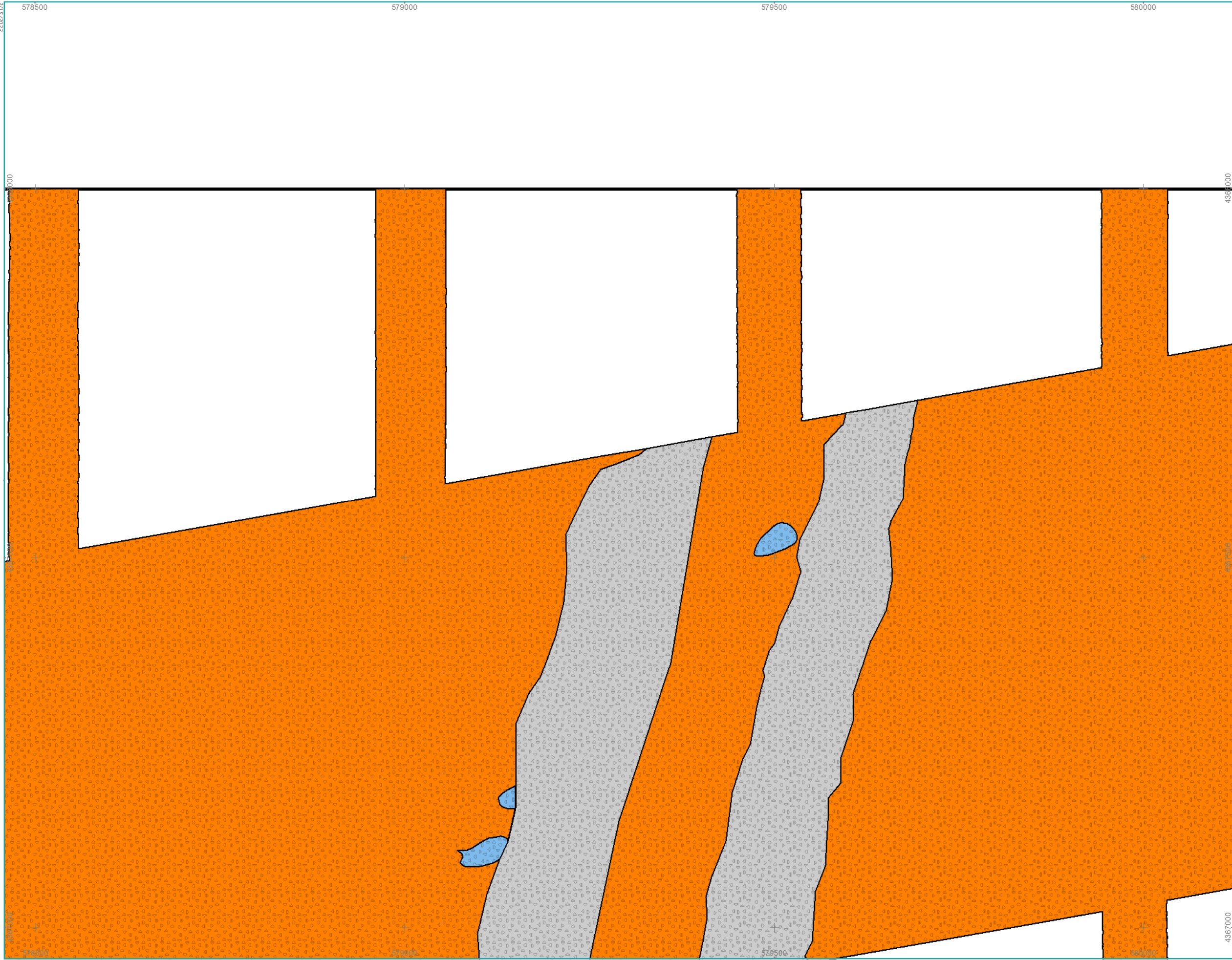
- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

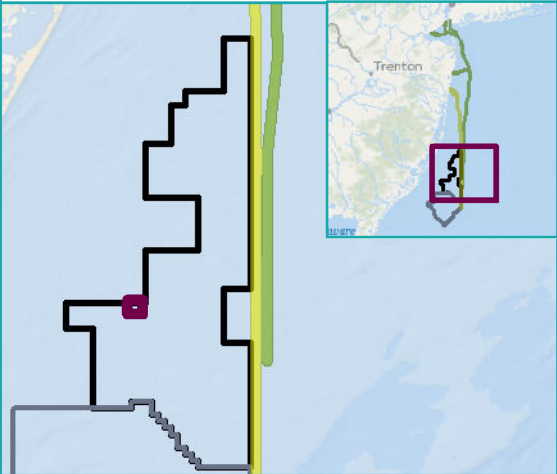
- Soft Bottom Station - Grab Sample
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

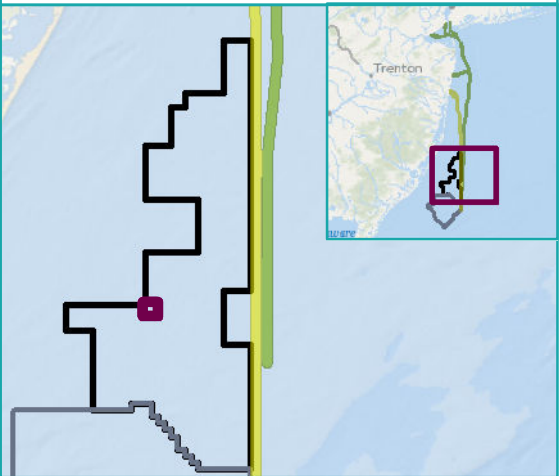
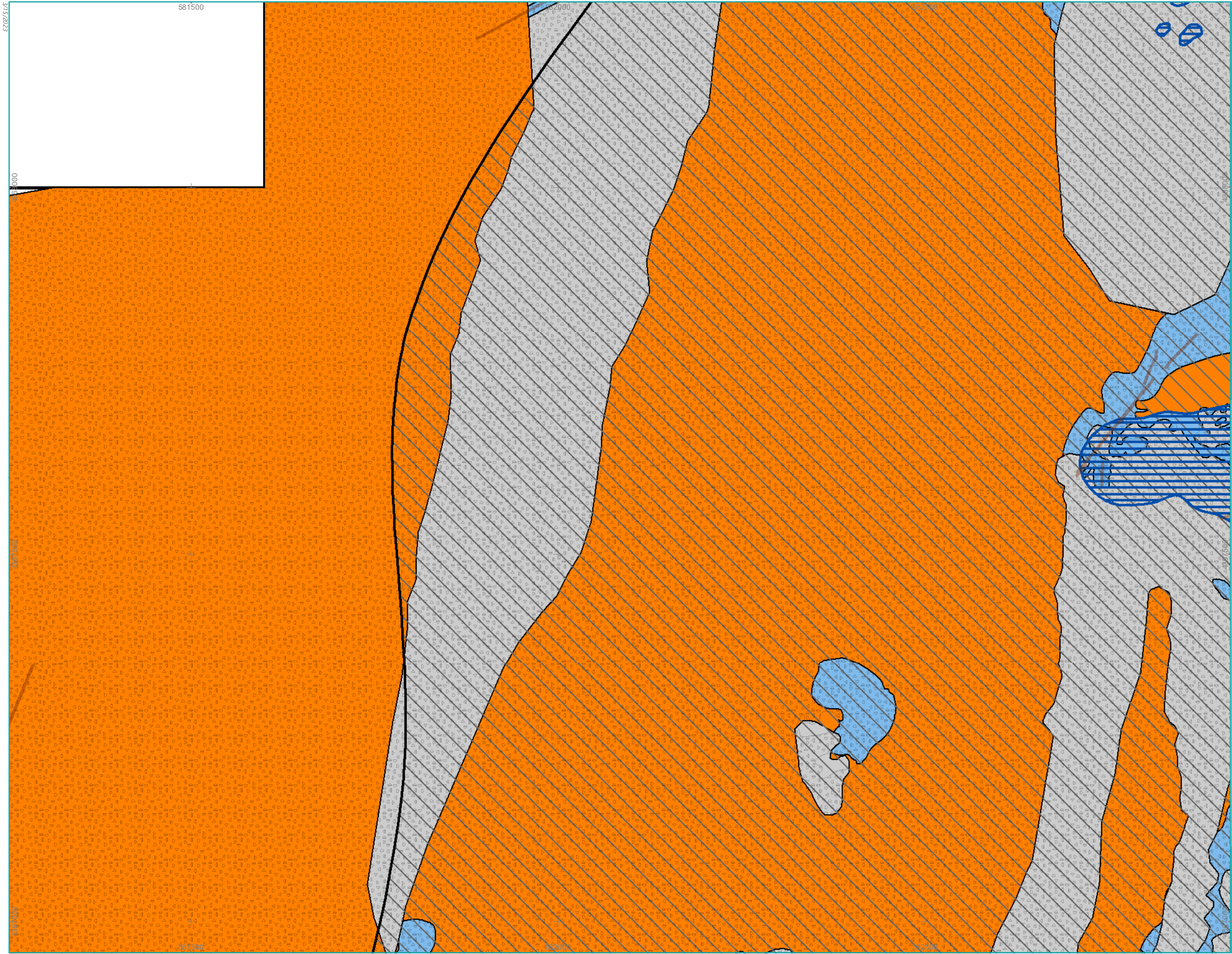
- Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0549

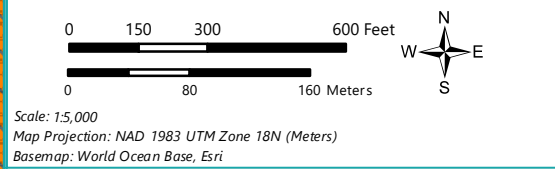
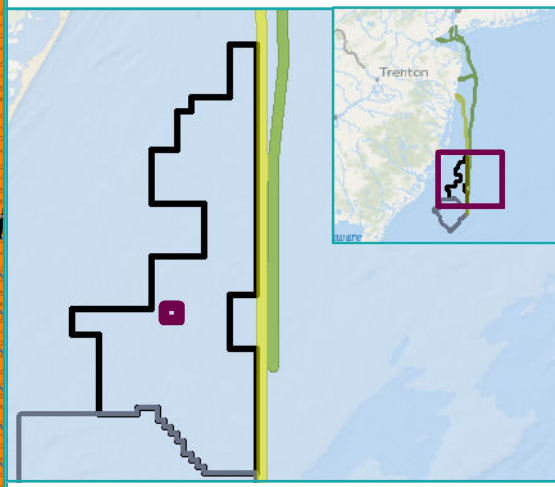
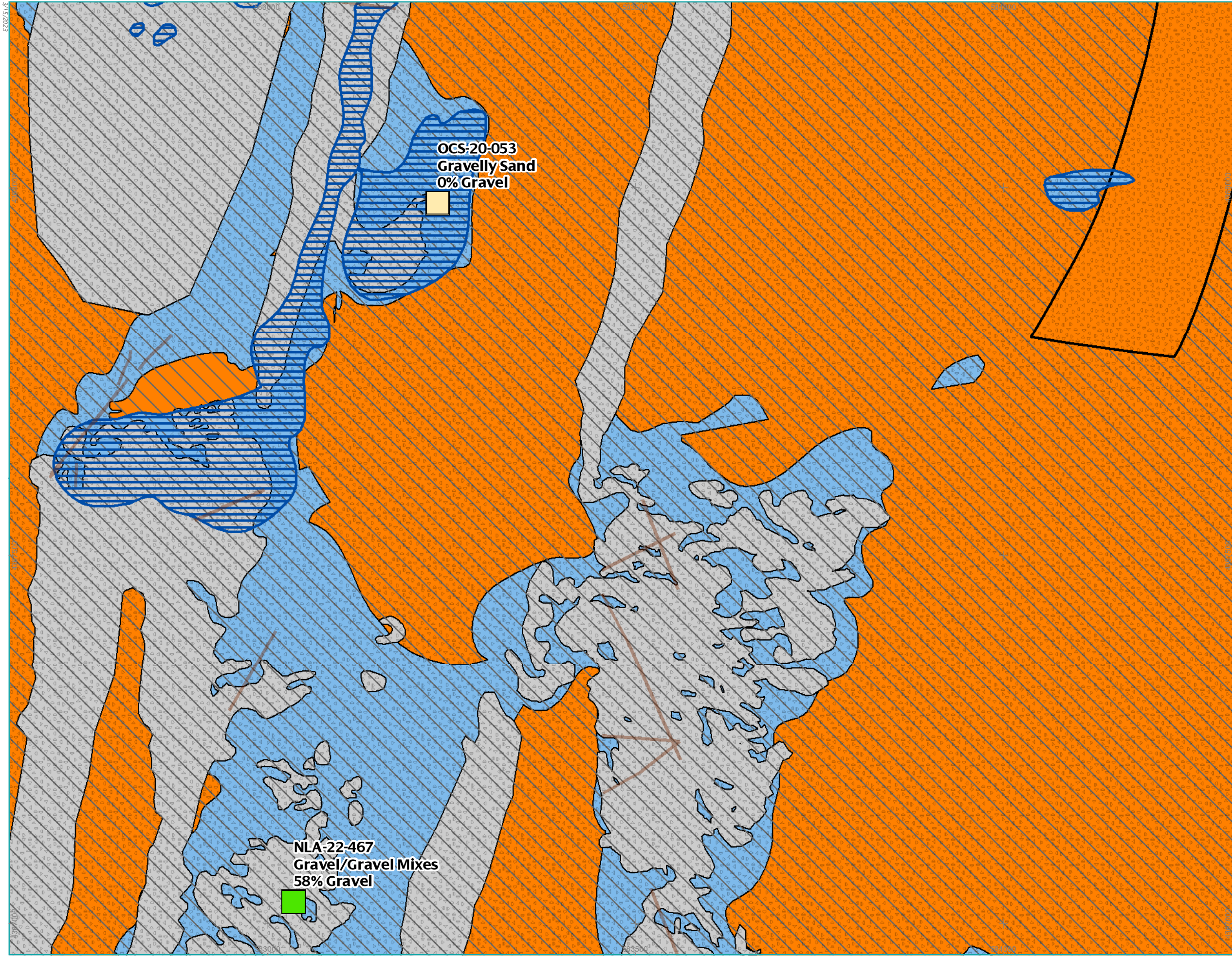


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

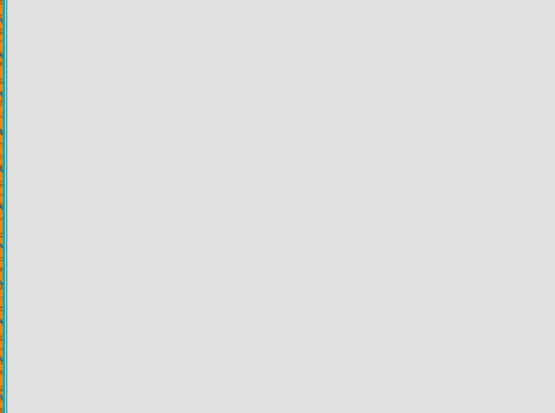
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

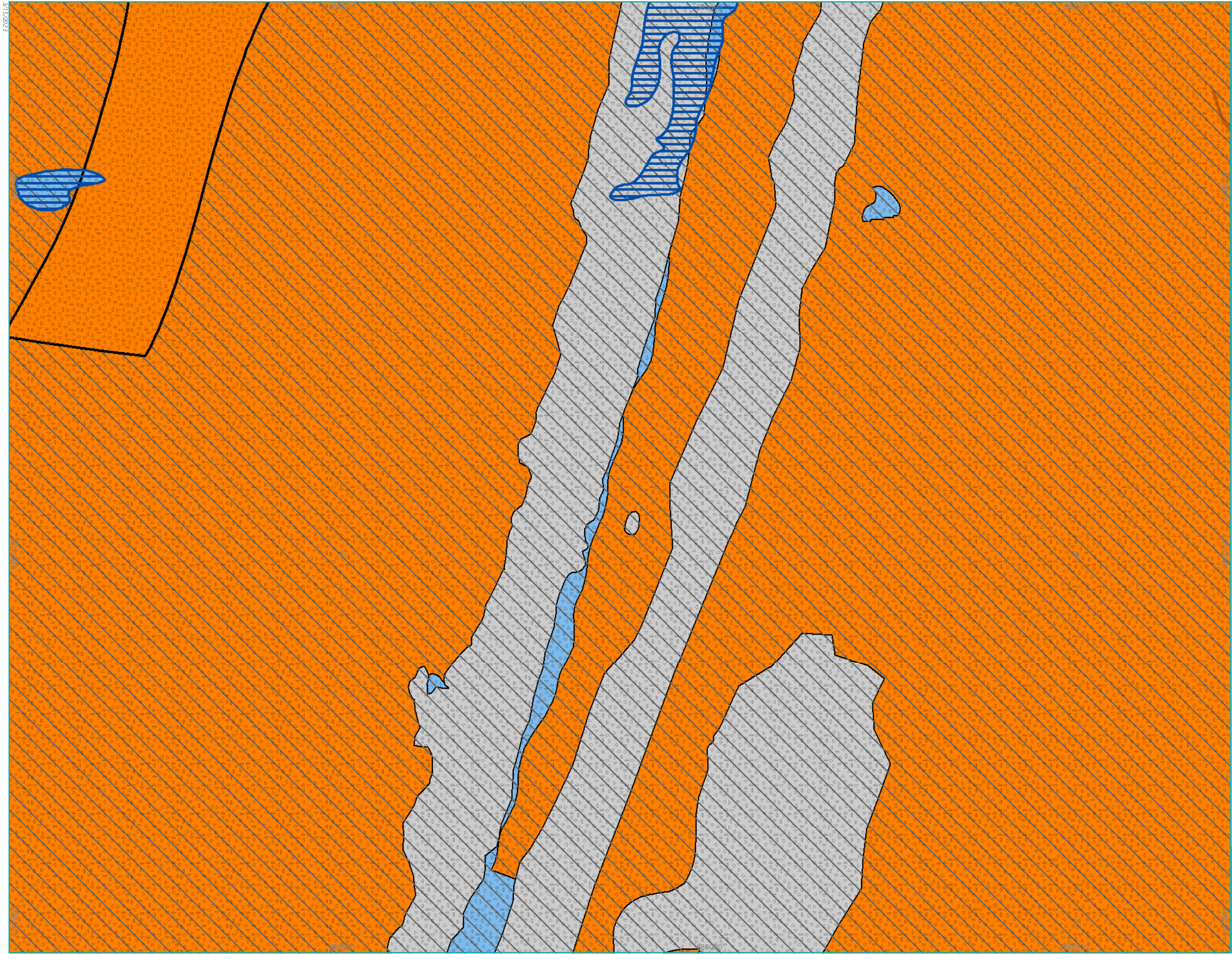
3/15/2023



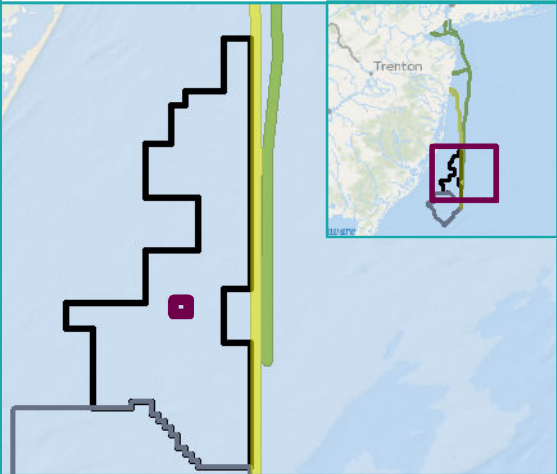
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



3/15/2023



ATLANTIC SHORES offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

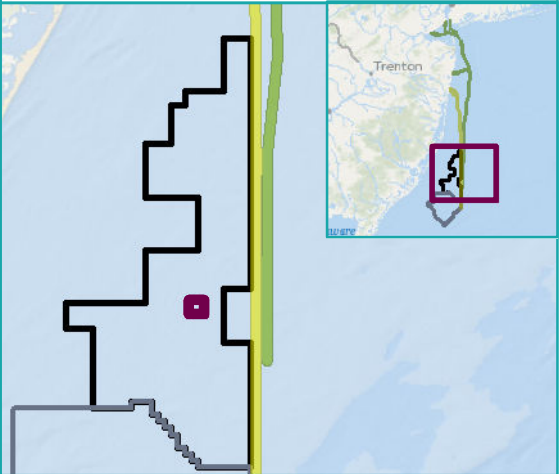
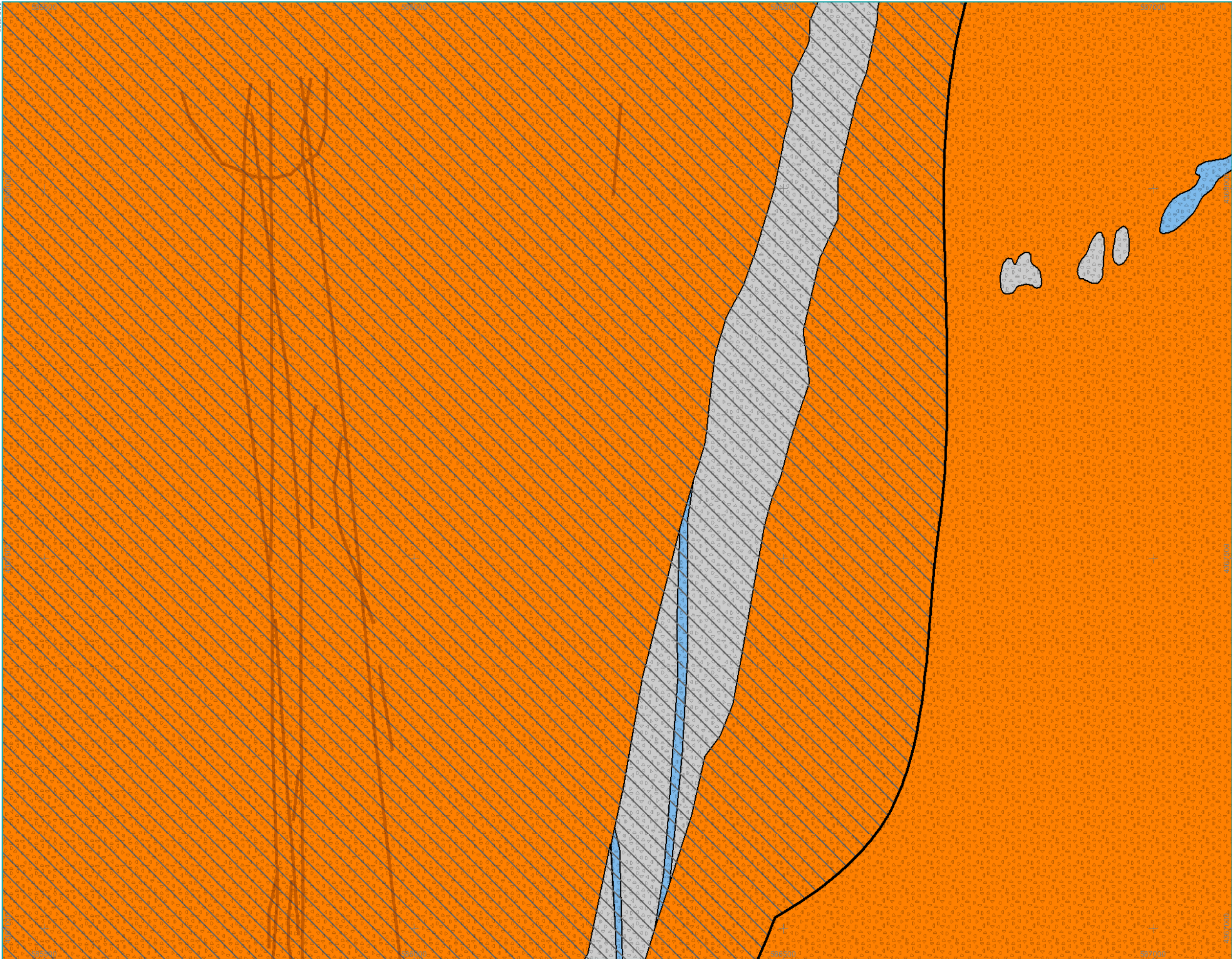
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
Slide 108 of 211

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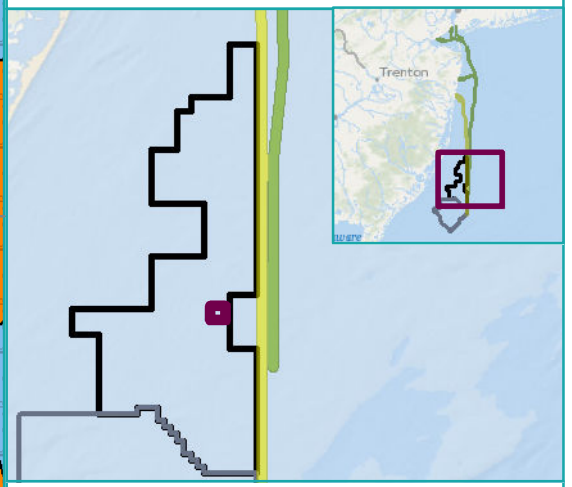


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

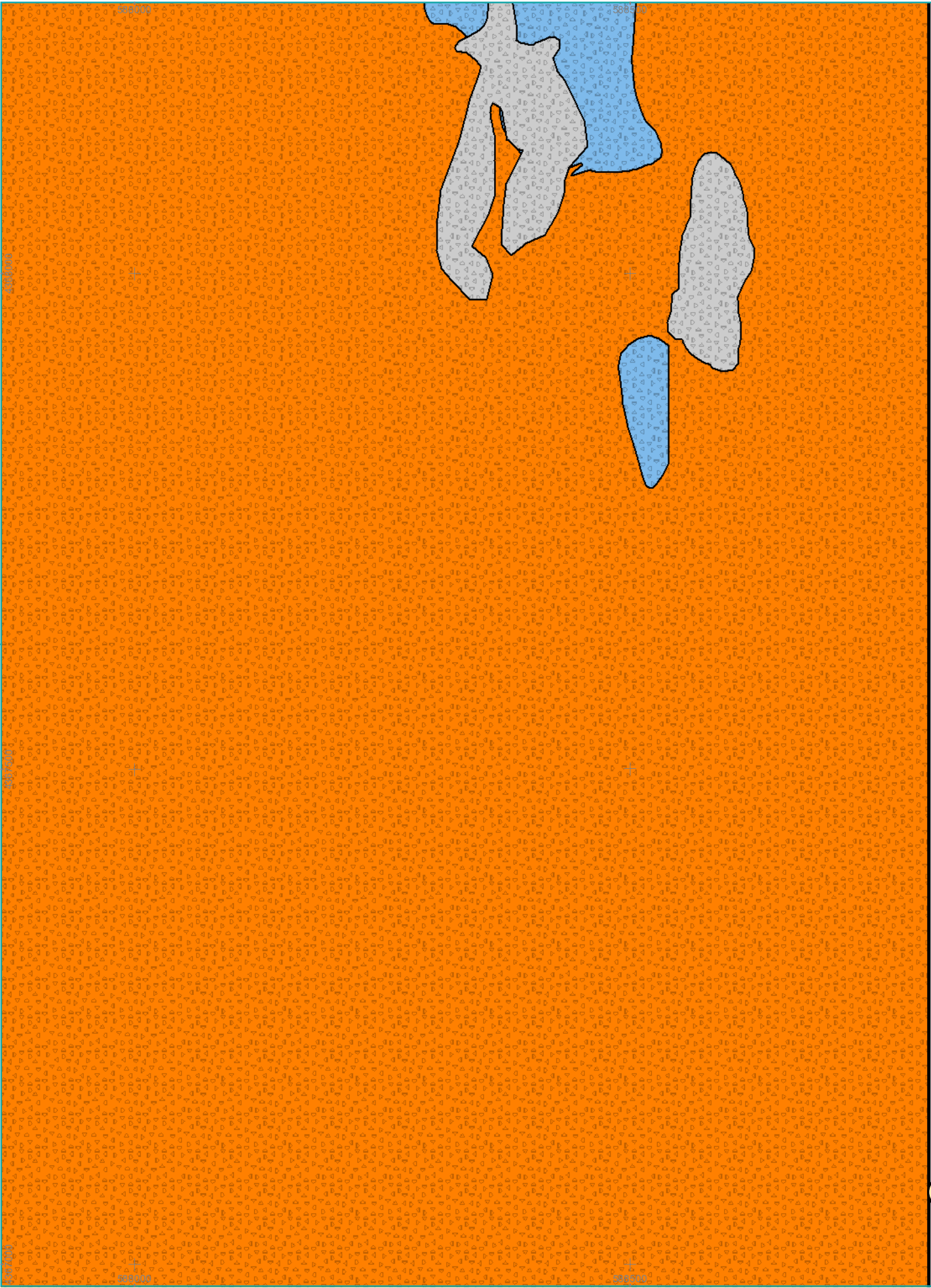
LEGEND

- Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

UTM 18N

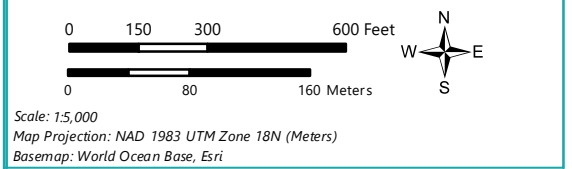
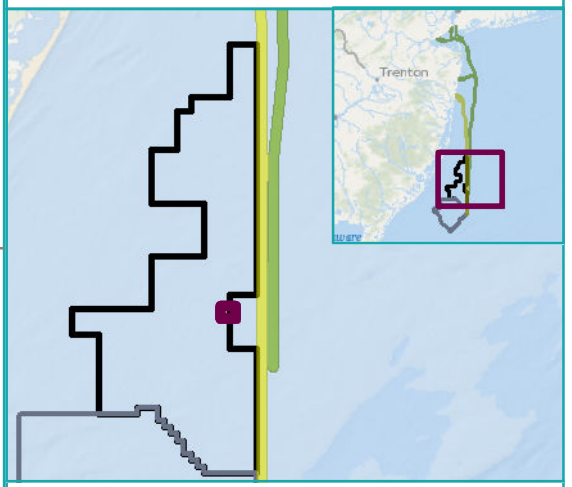
18N 18E



OCS-SP-130
Very Coarse/Coarse Sand
Sand Dollar Bed



ATLANTIC SHORES
offshore wind



LEGEND

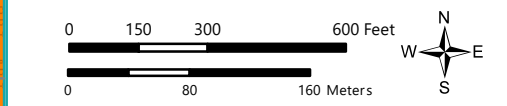
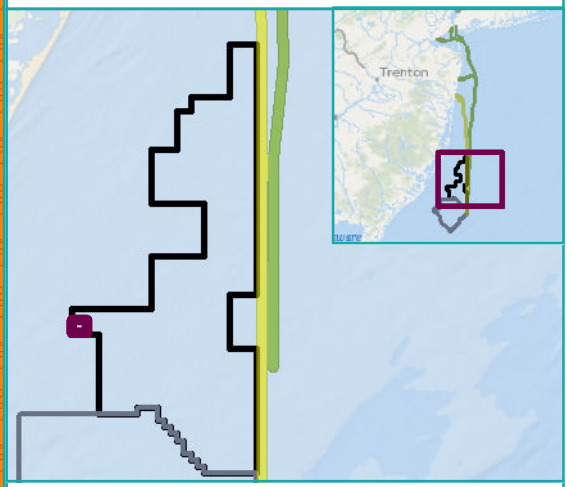
- Soft Bottom Station - SPI/PV
- Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps
1:5000 Scale
Lease Area OCS-A-0549
Slide 111 of 211

3/15/2023

4366500

4366000



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

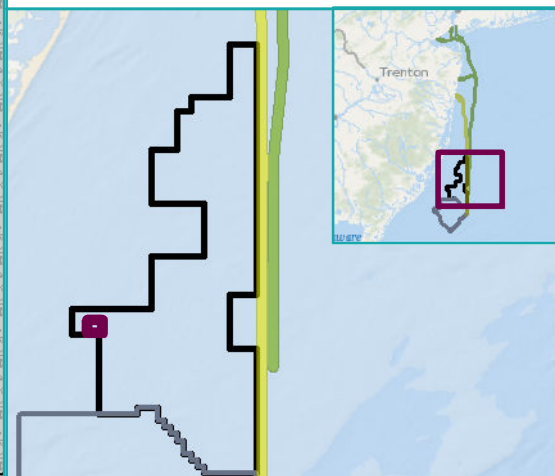
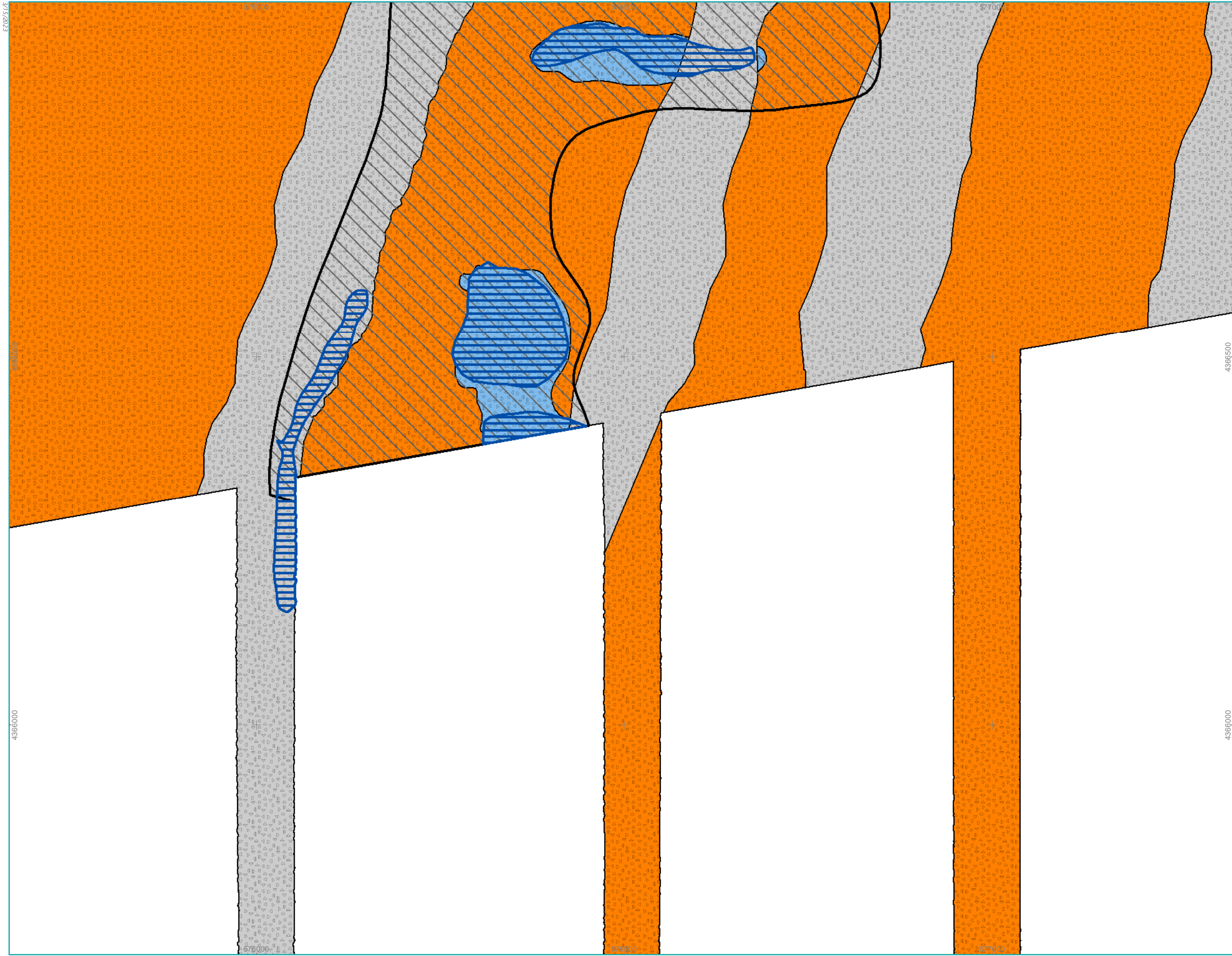
- Soft Bottom Station - SPI/PV
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

OCS-SP-056
Very Coarse/Coarse Sand
Larger Tube-Building Fauna

3/15/2023

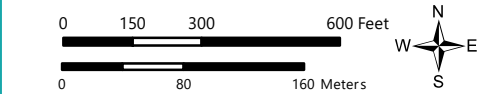
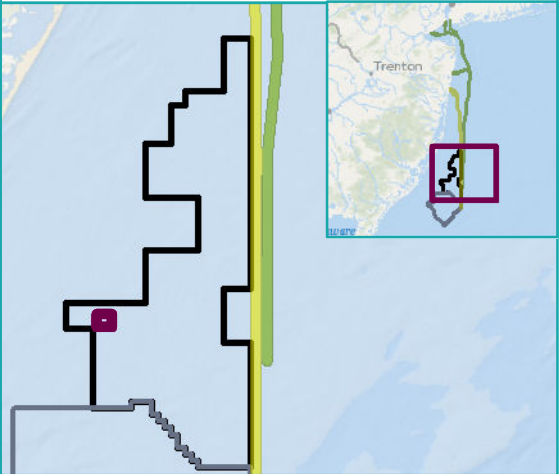
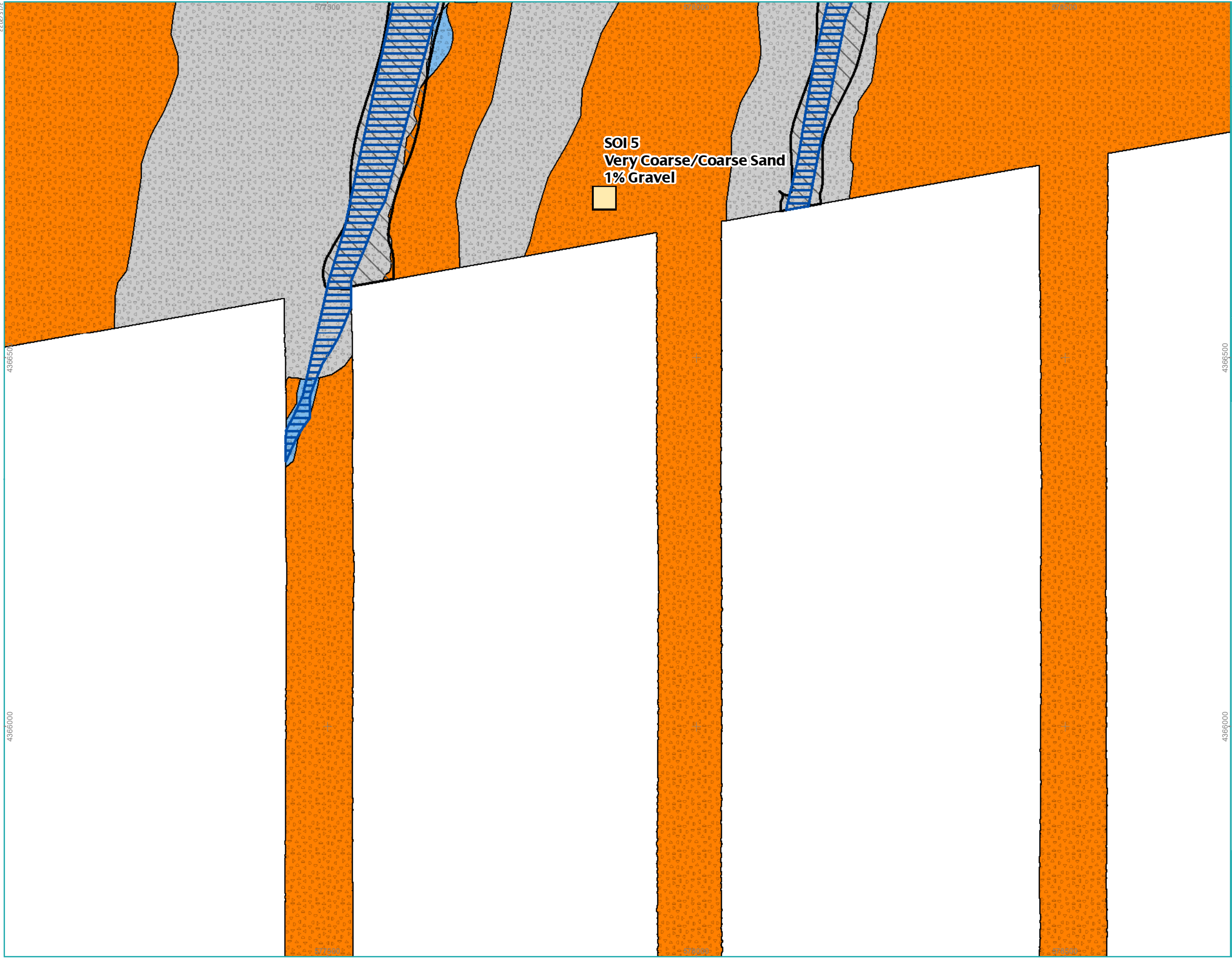
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

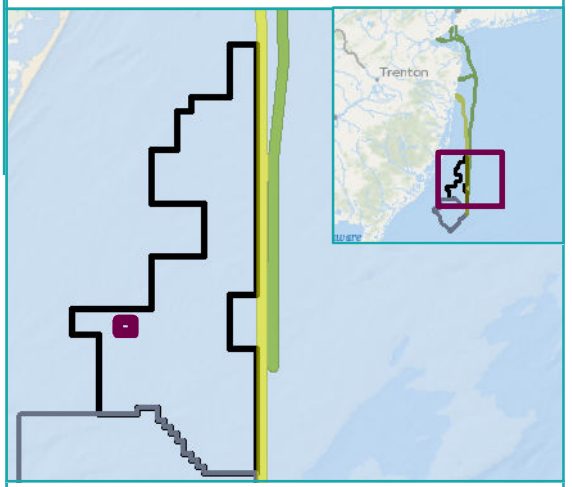
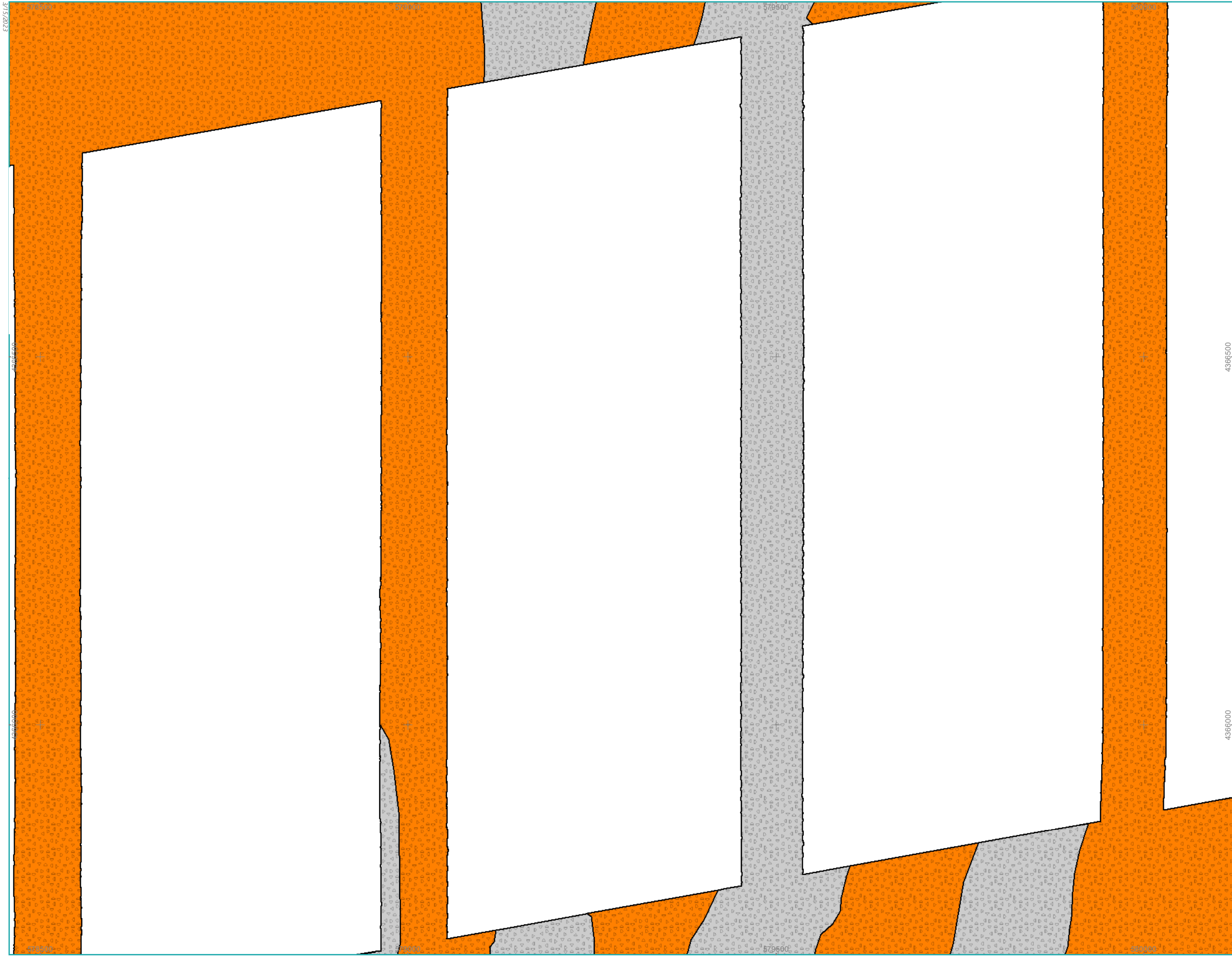
- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

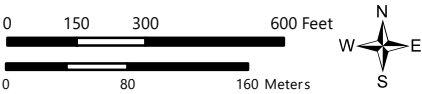
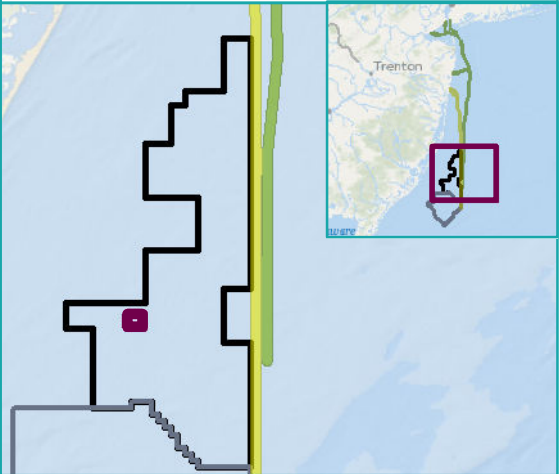
3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

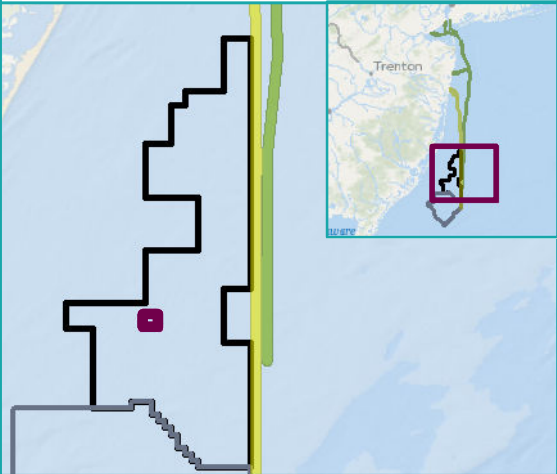
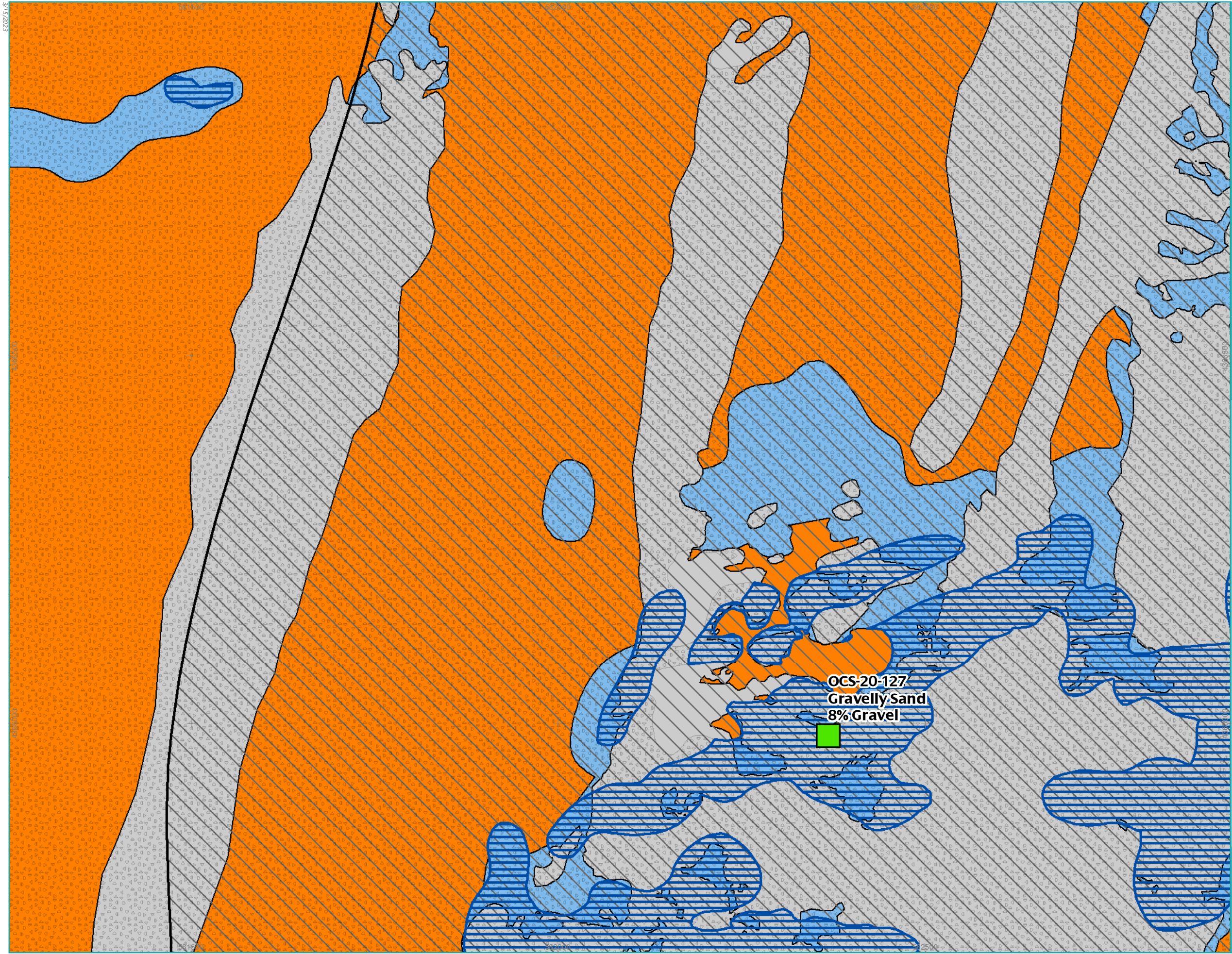


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

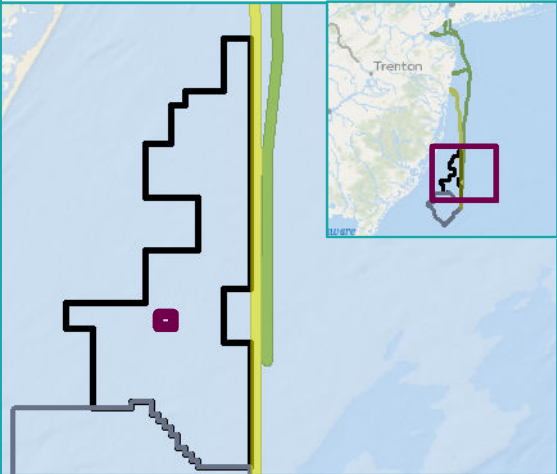
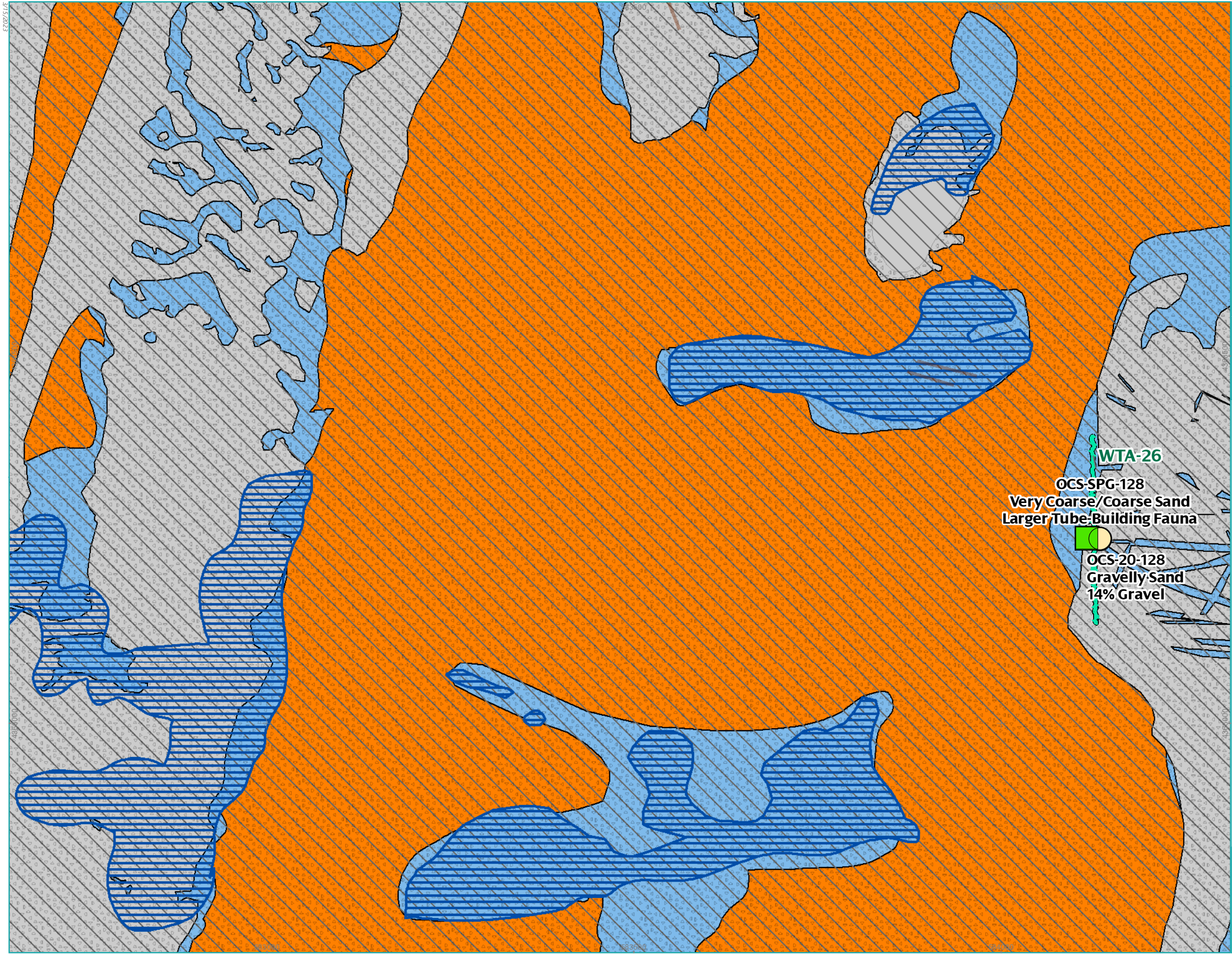


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

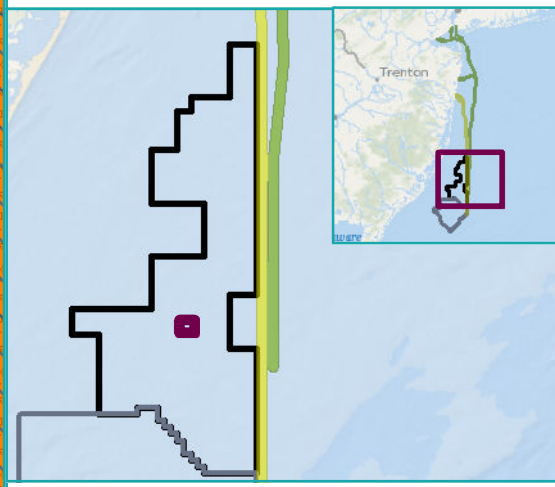
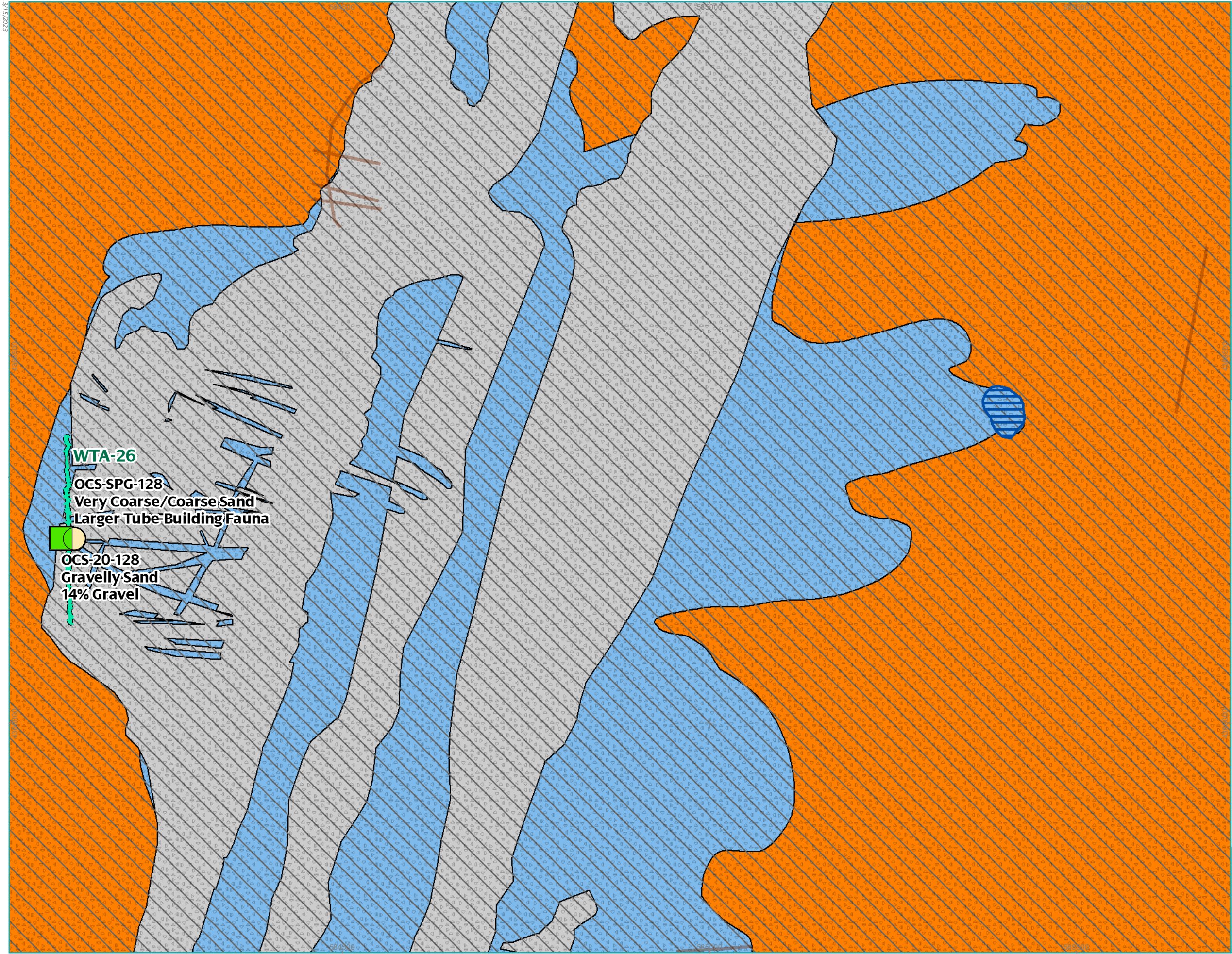


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

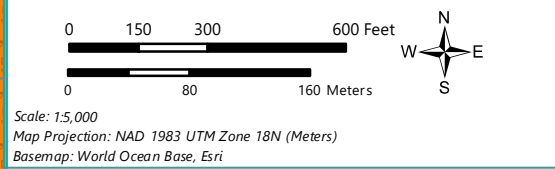
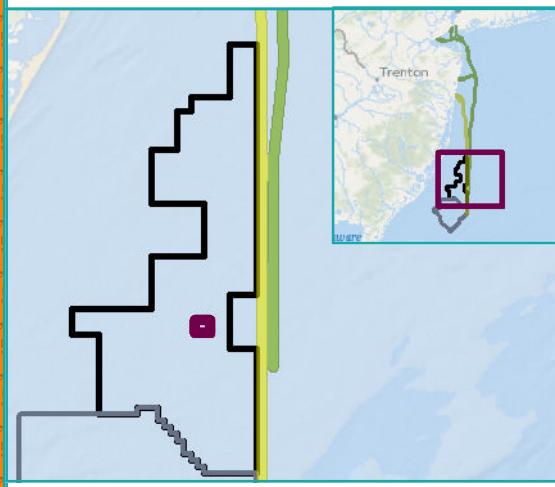
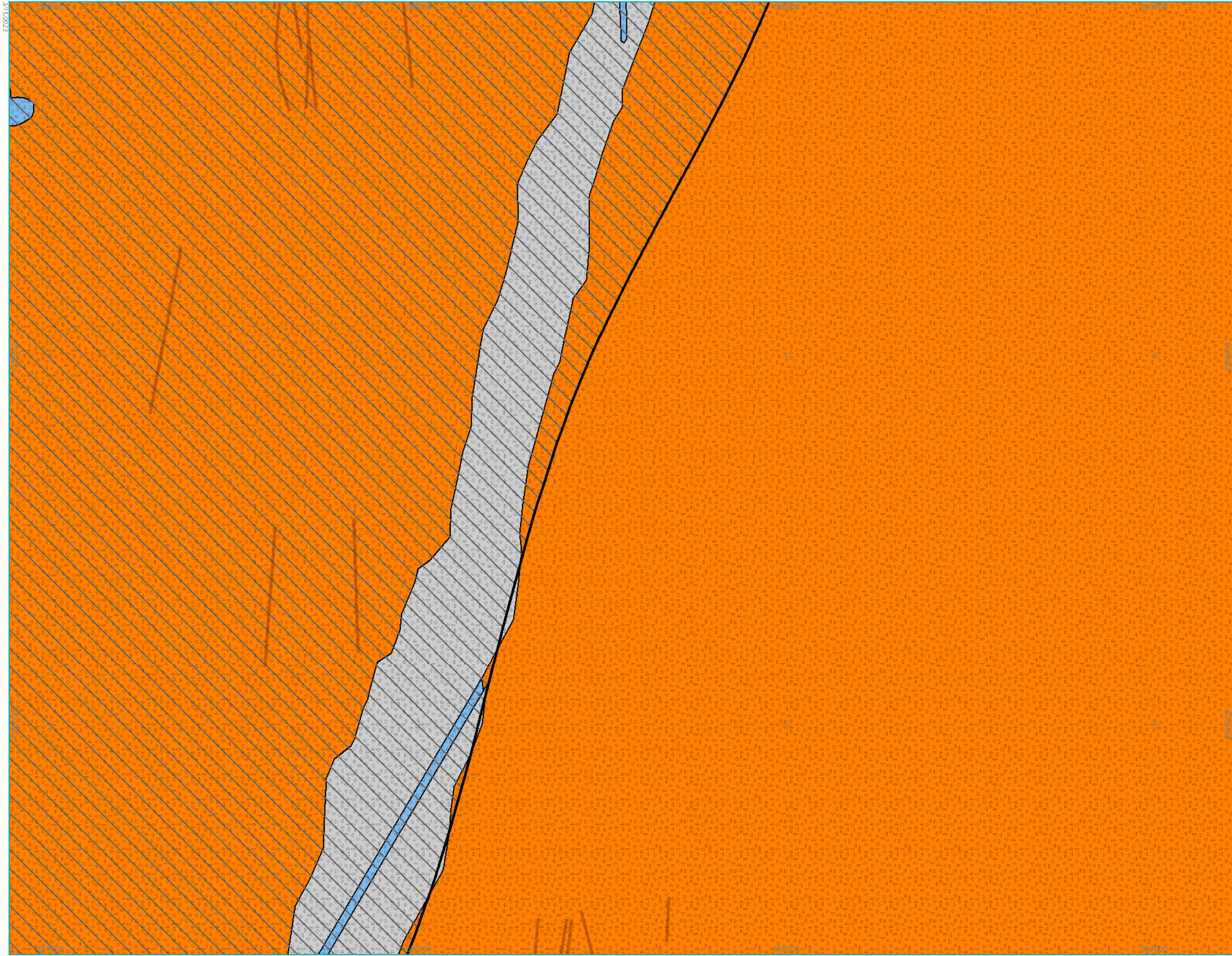
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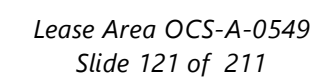
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

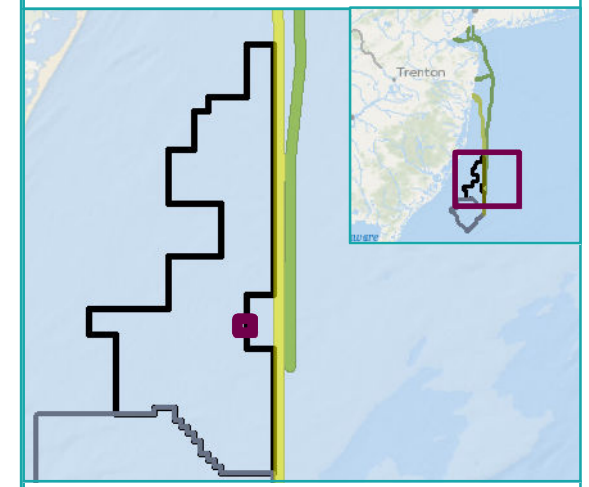
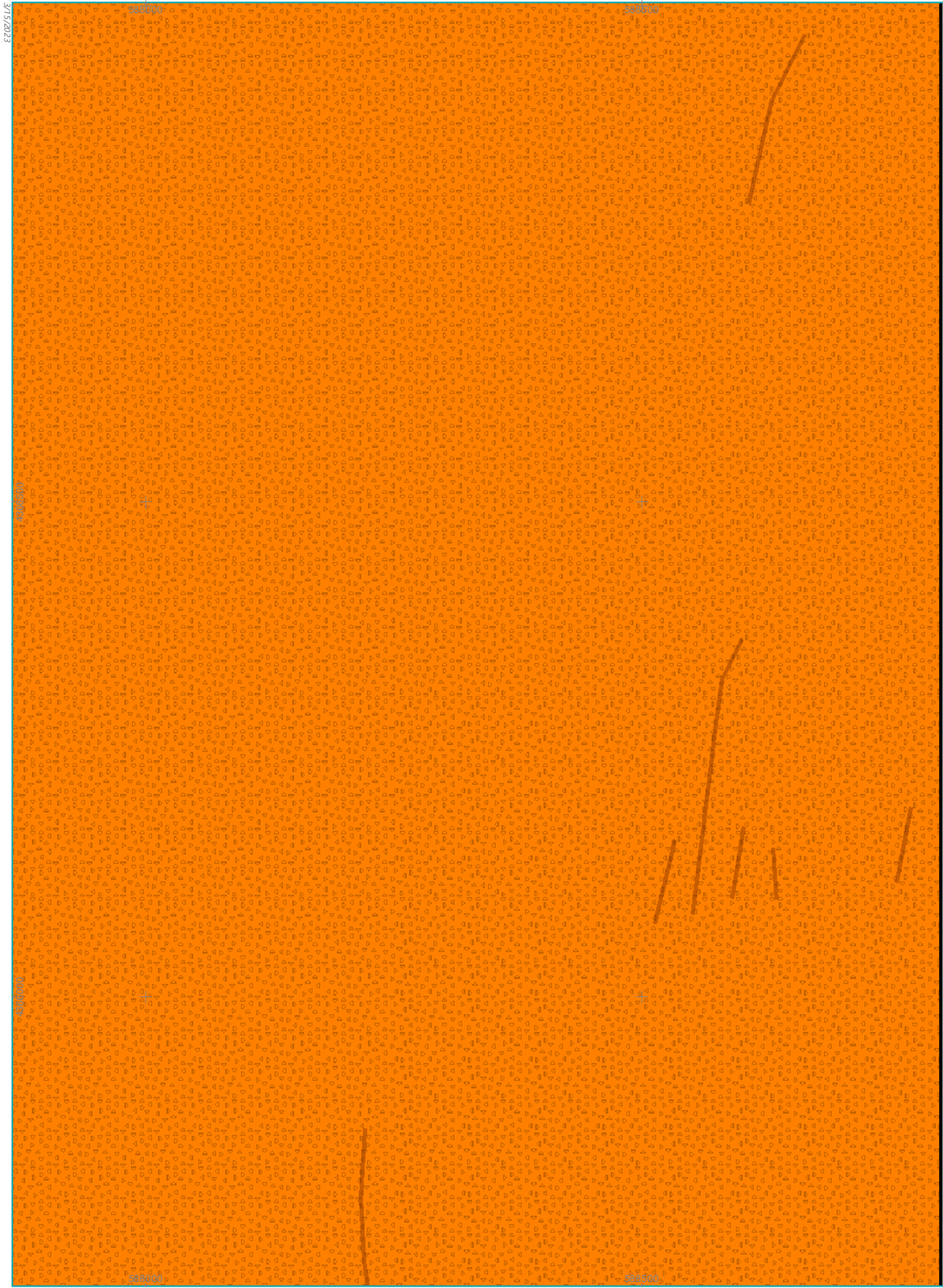
3/15/2023



- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/17/2023

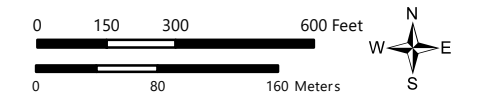
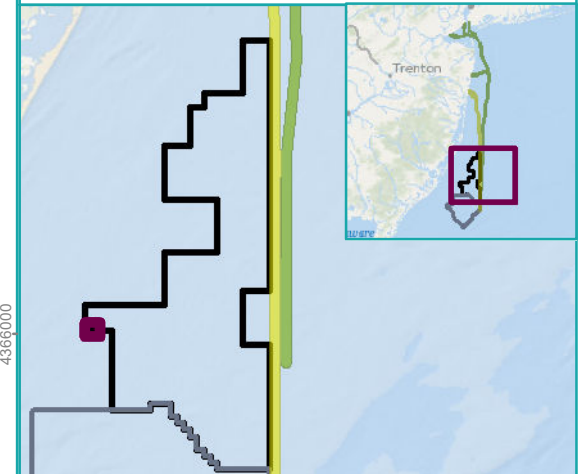
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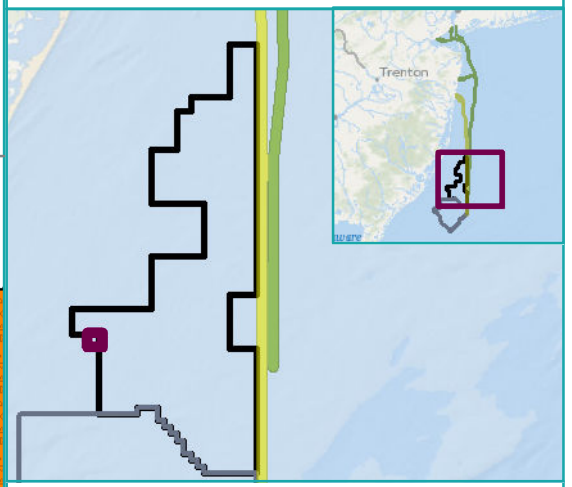
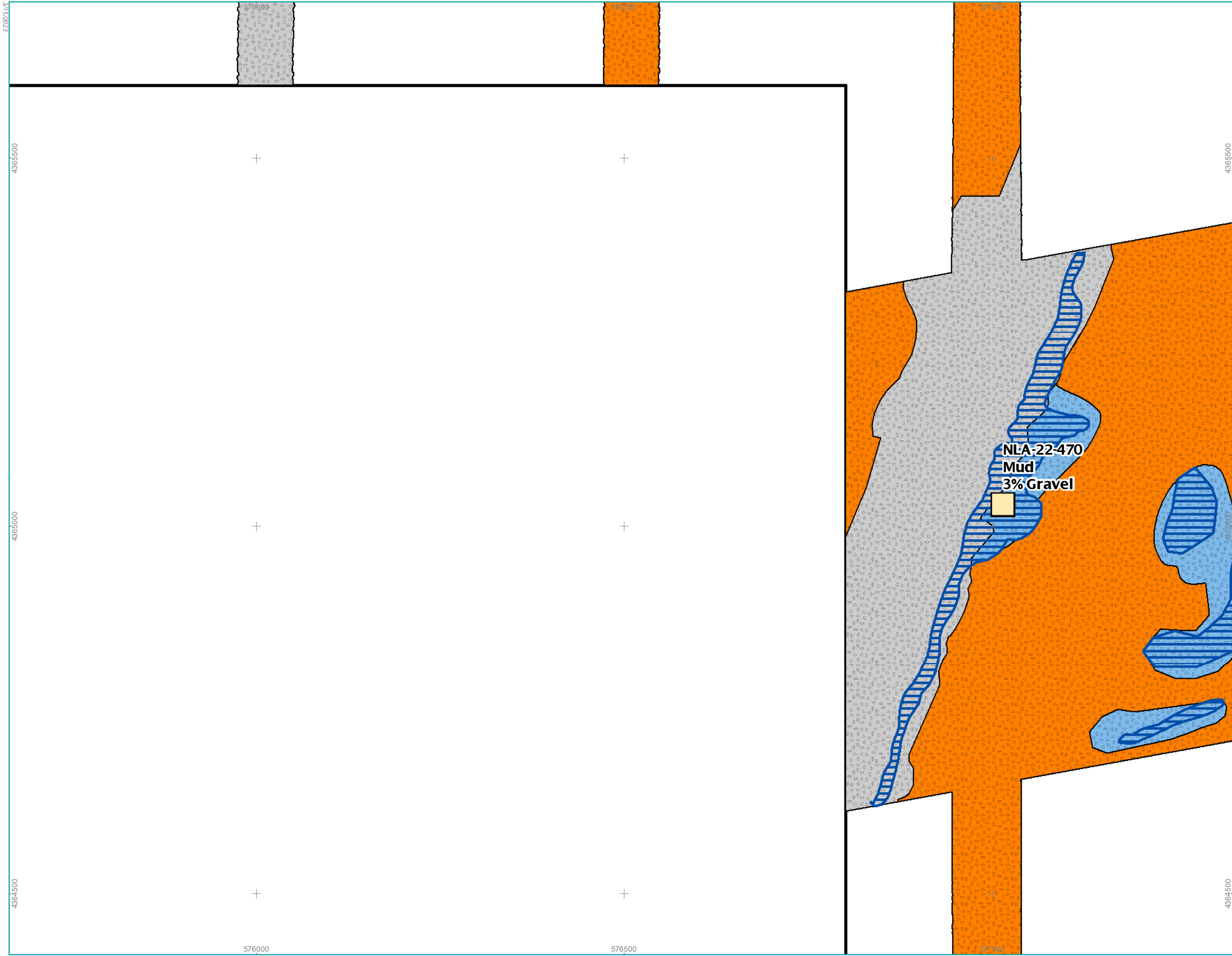
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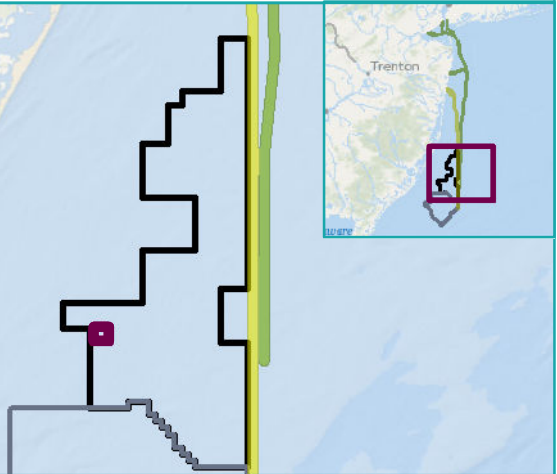
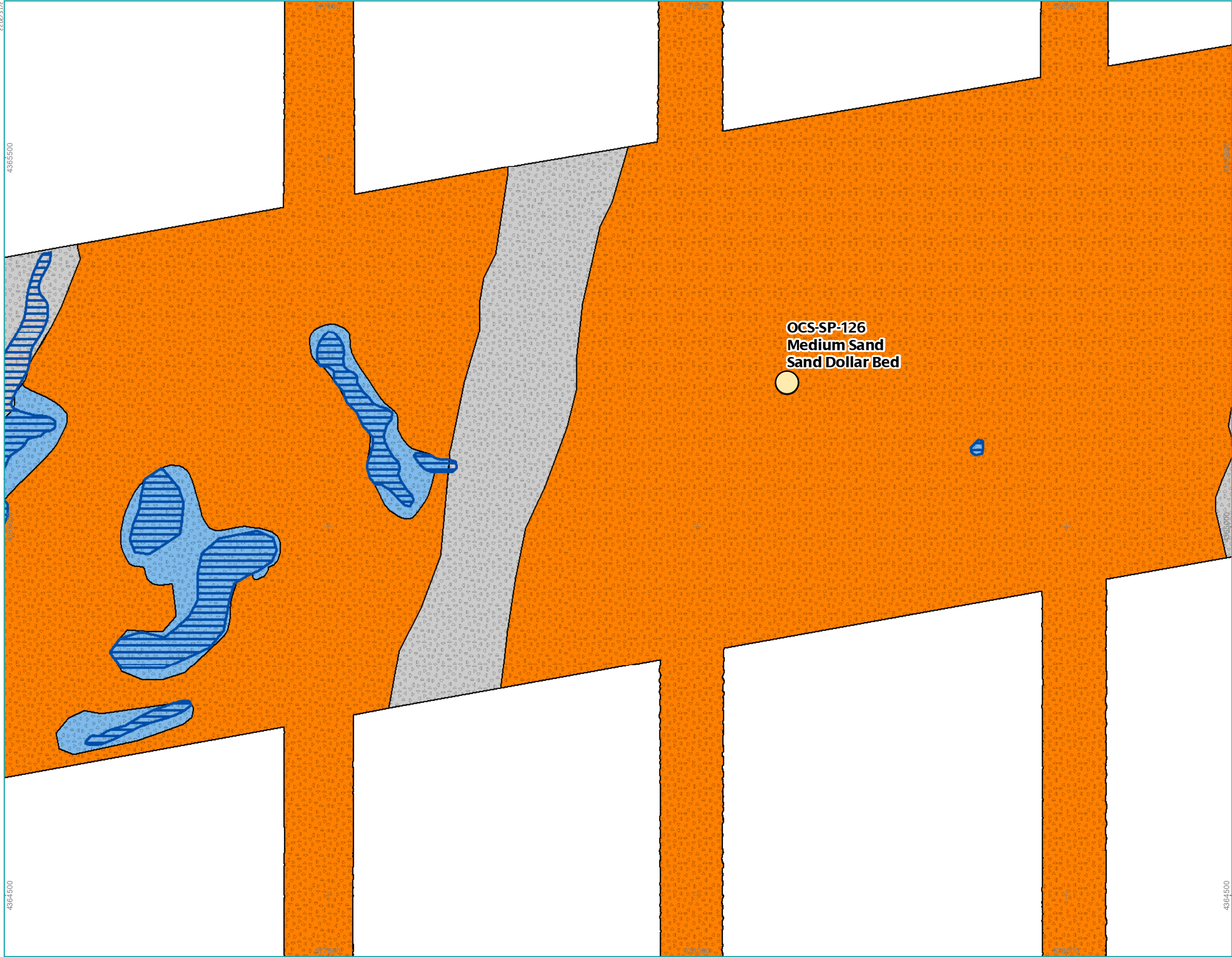
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



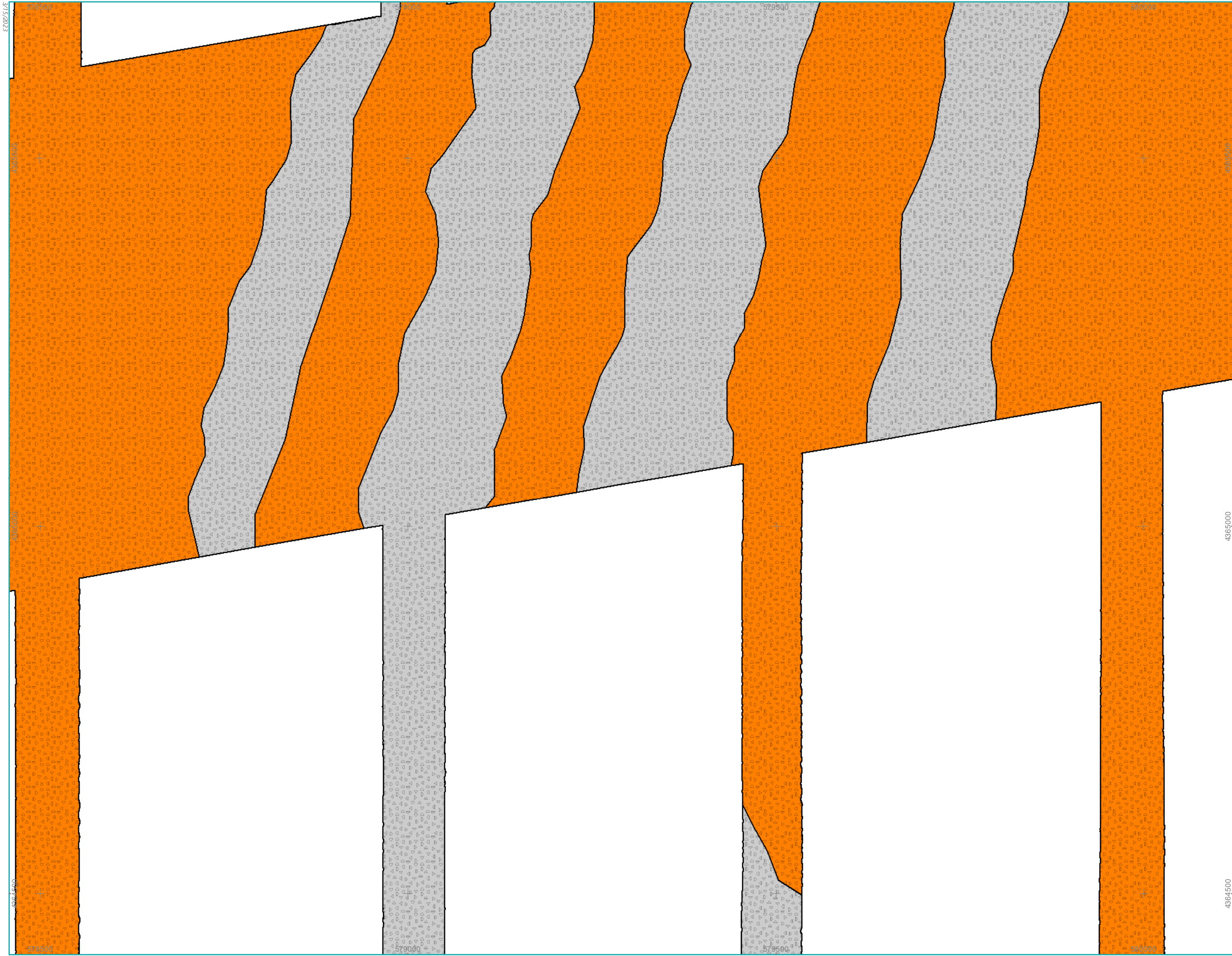
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Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

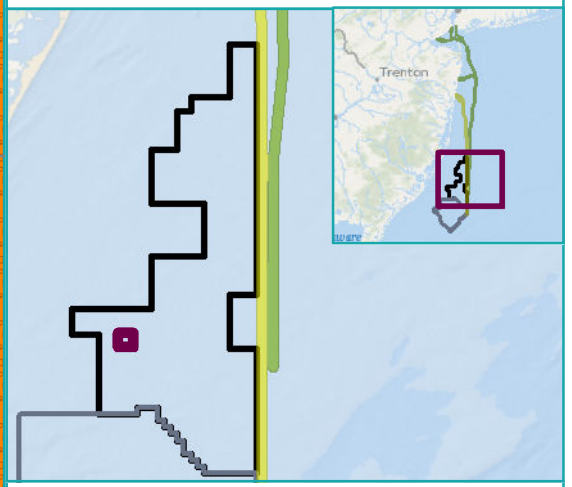


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

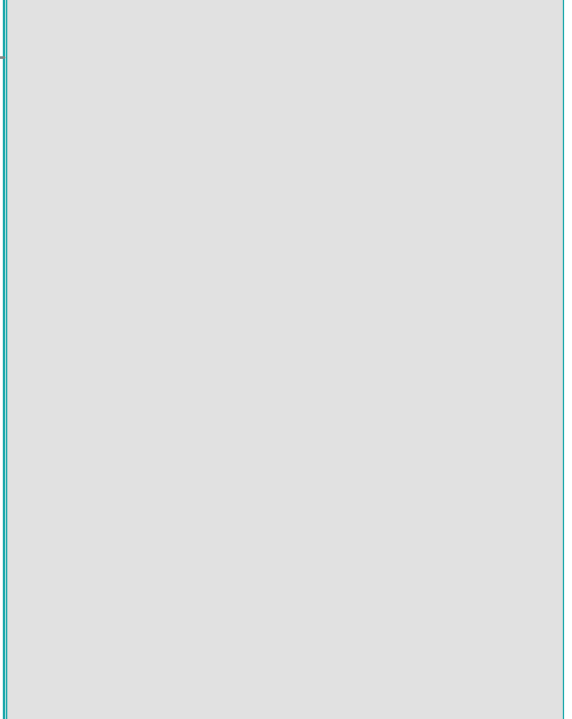


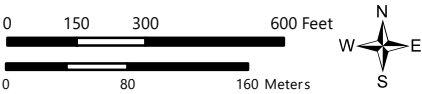
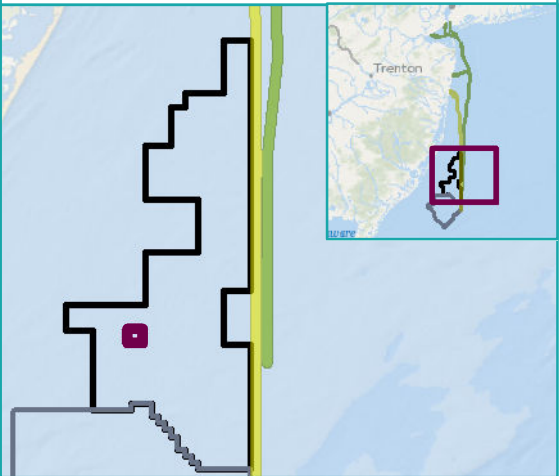
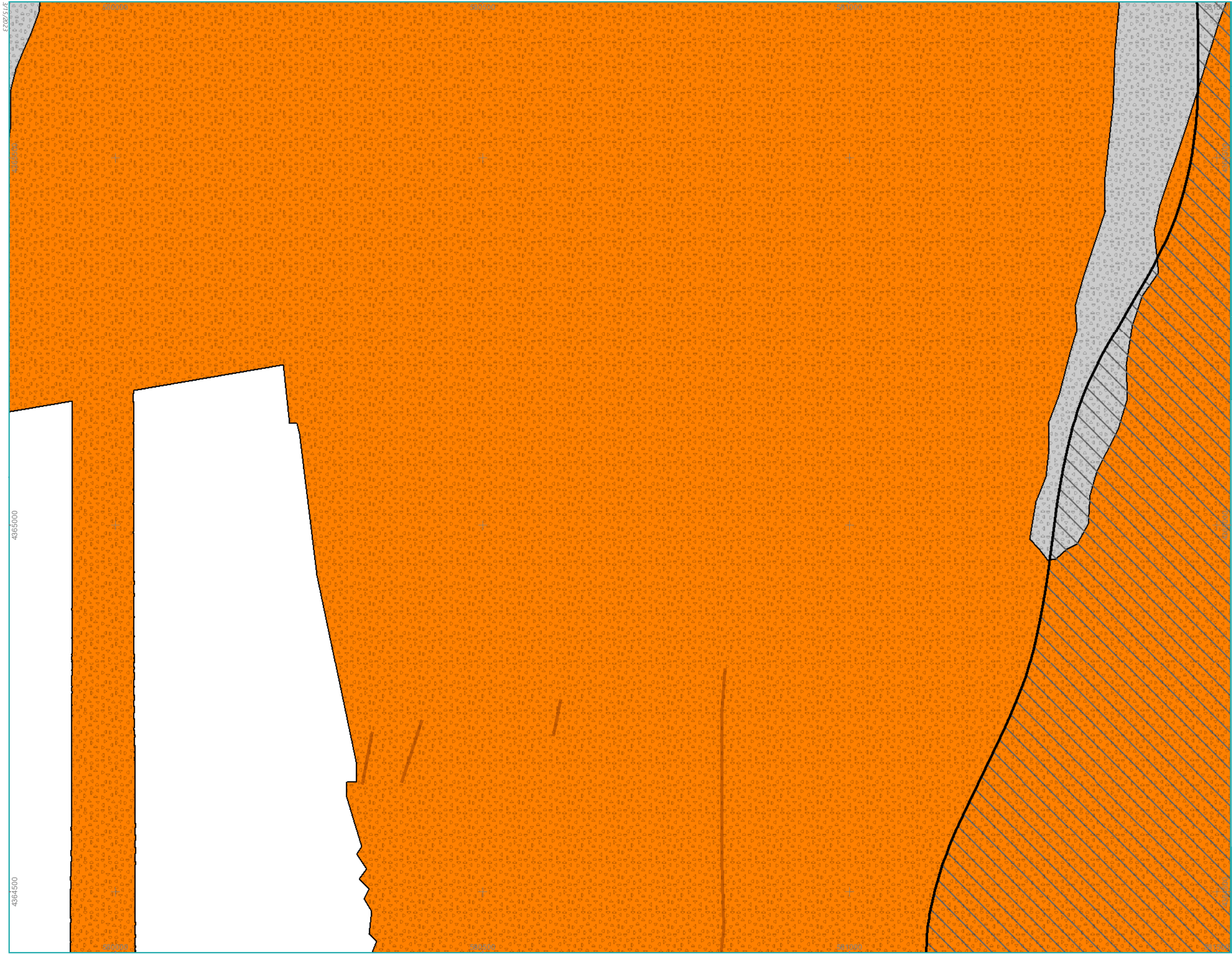
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

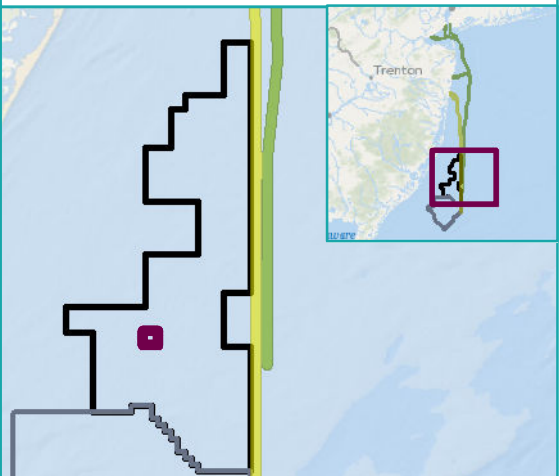
- LEGEND**
- Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549





Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

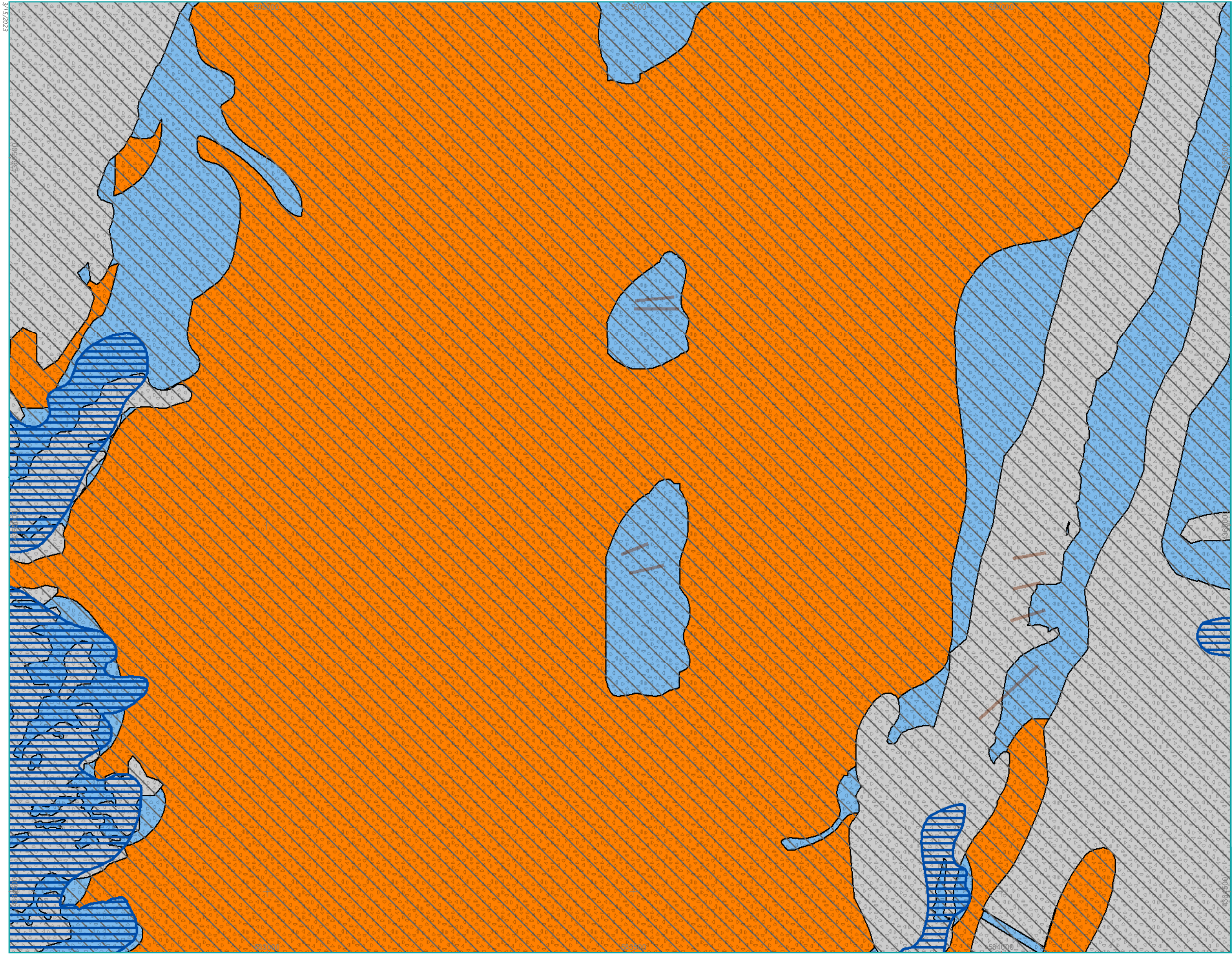


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

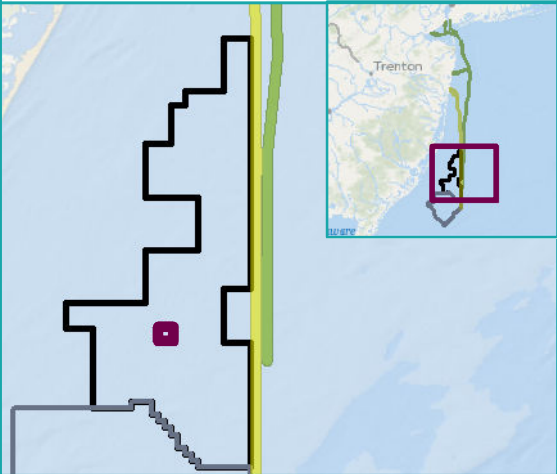
LEGEND

- Complex Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/17/2023



ATLANTIC SHORES offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

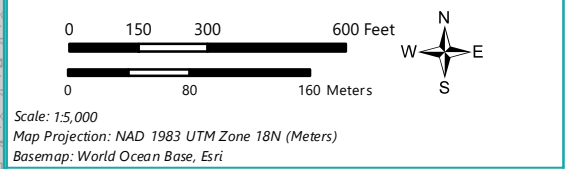
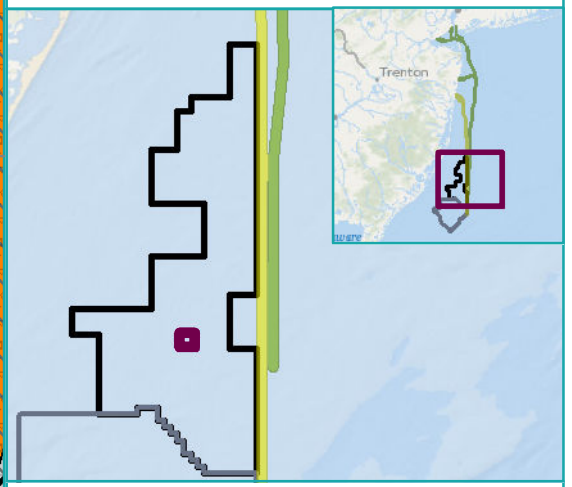
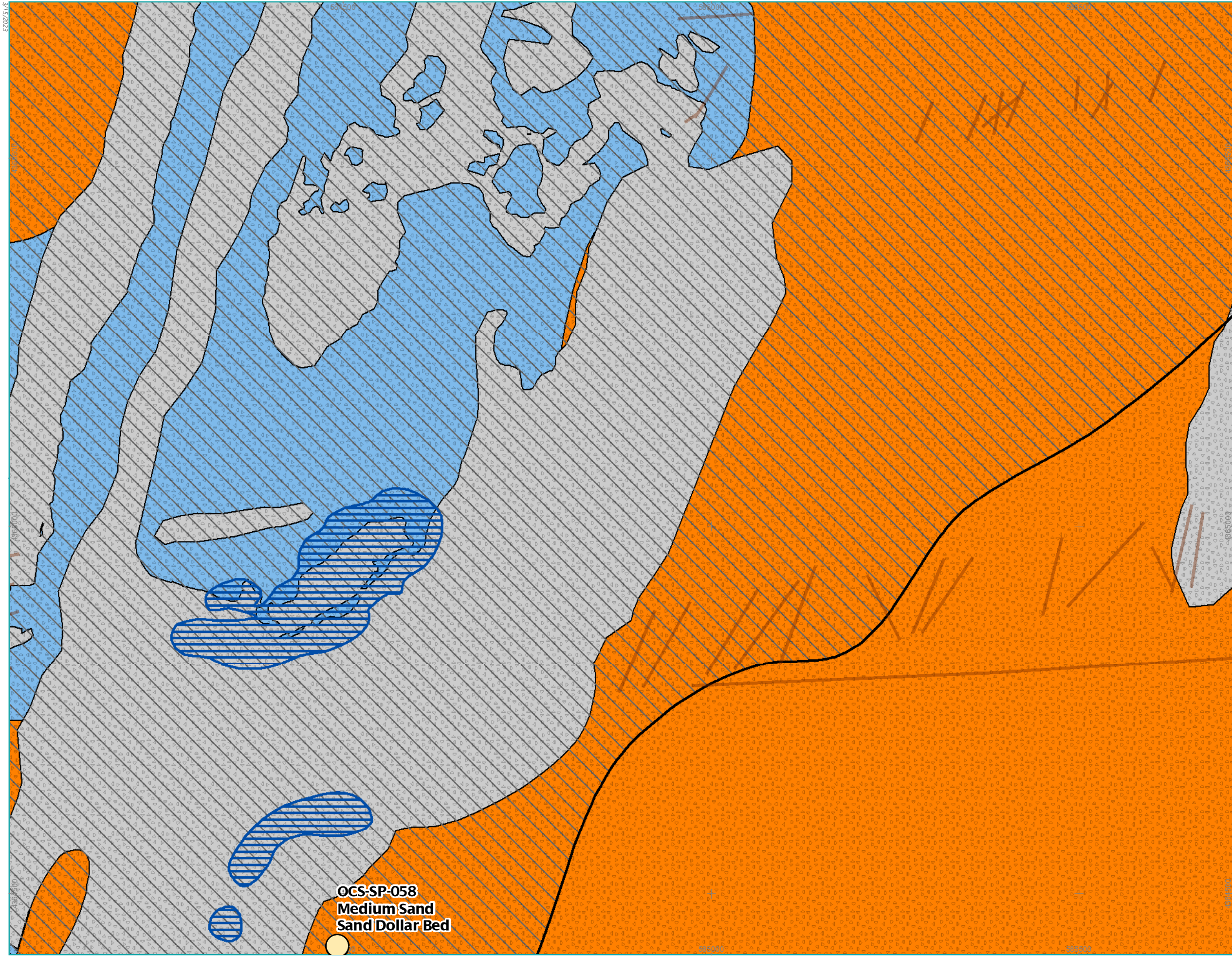
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

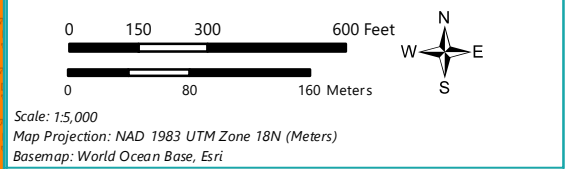
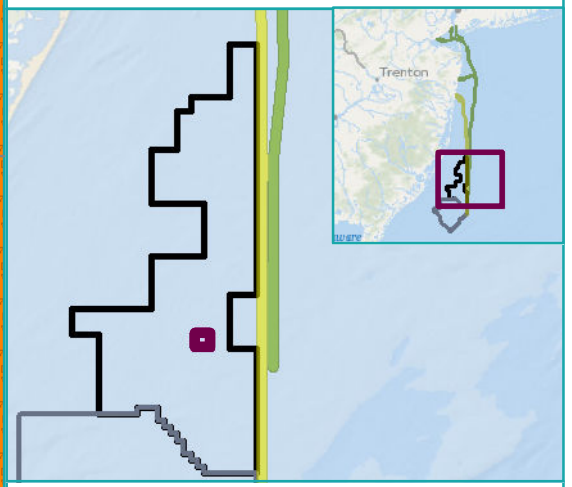
Lease Area OCS-A-0549
Slide 129 of 211

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- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023

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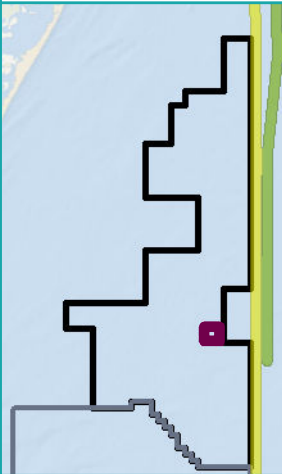
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - Grab
-  Seabed Scar
-  Ripple
-  Soft Bottom Habitat
-  Lease Area OCS-A-0549

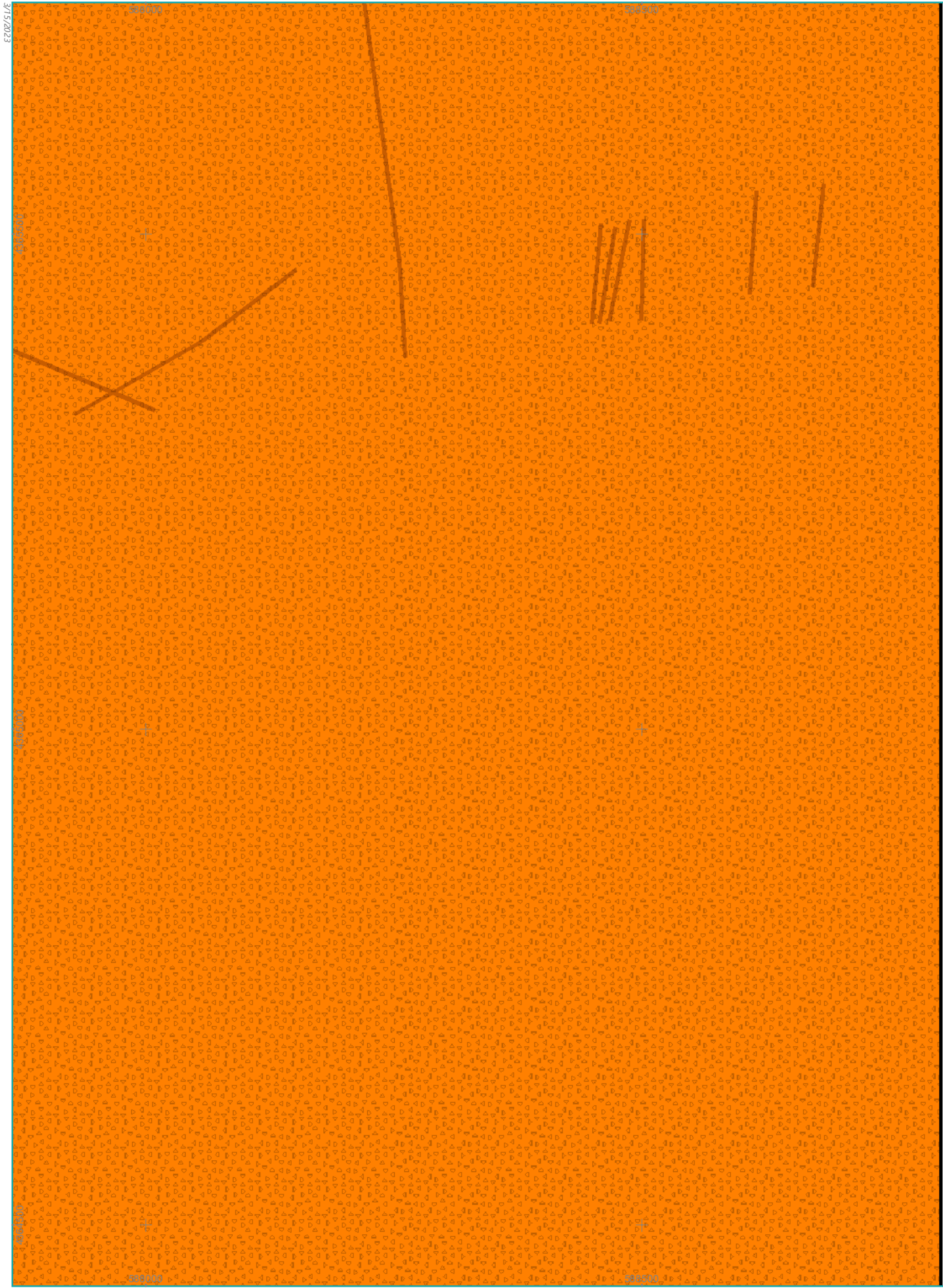
Atlantic Shores North EFH Maps
1:5000 Scale
Lease Area OCS-A-0549
Slide 132 of 211

3/15/2023

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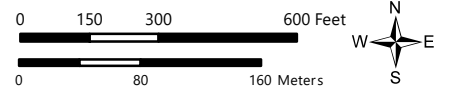
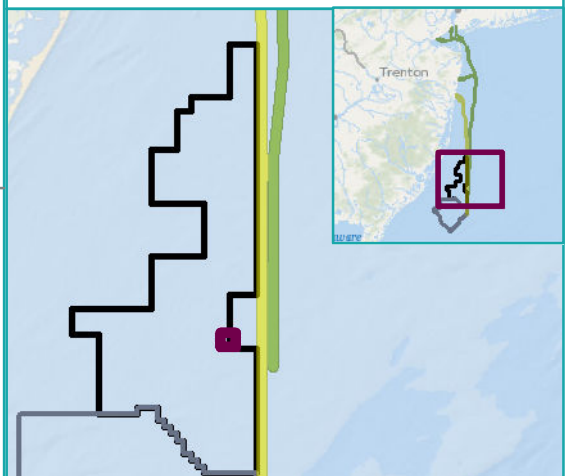
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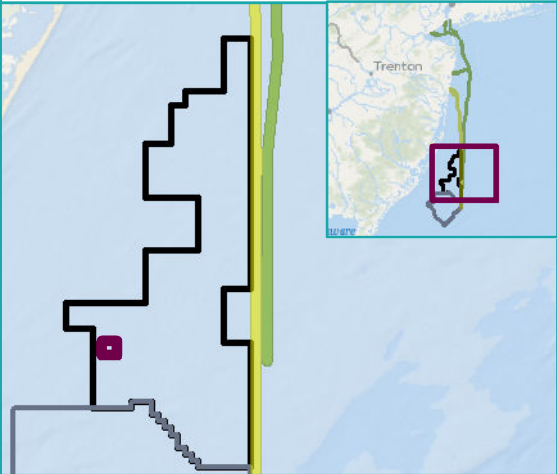
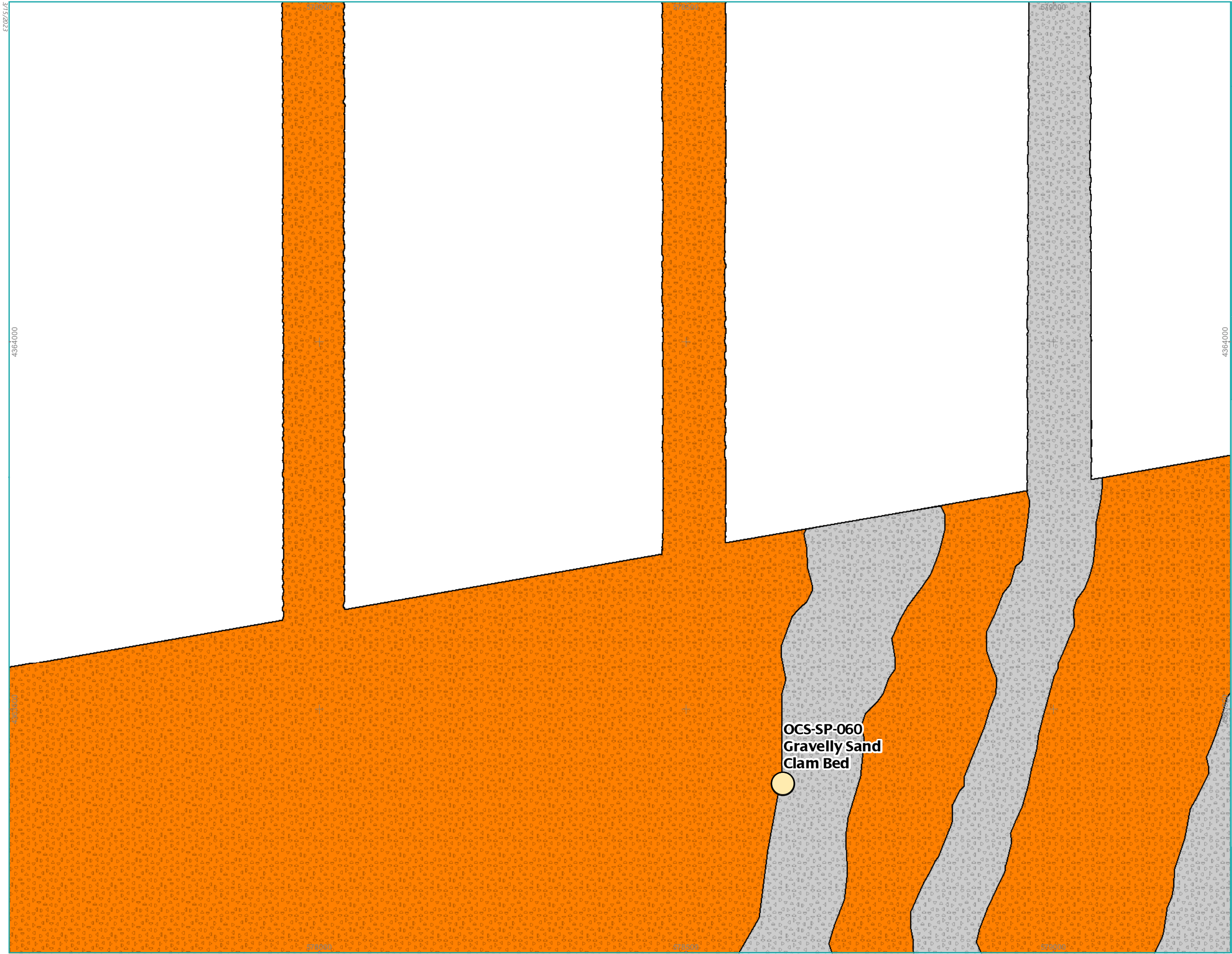
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

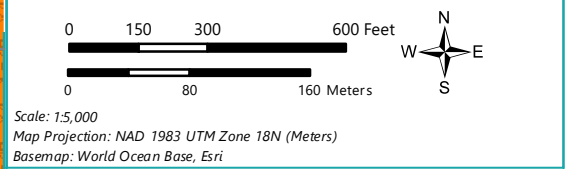
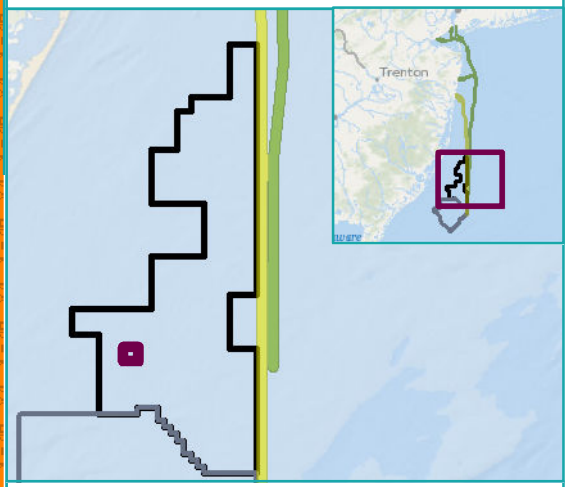
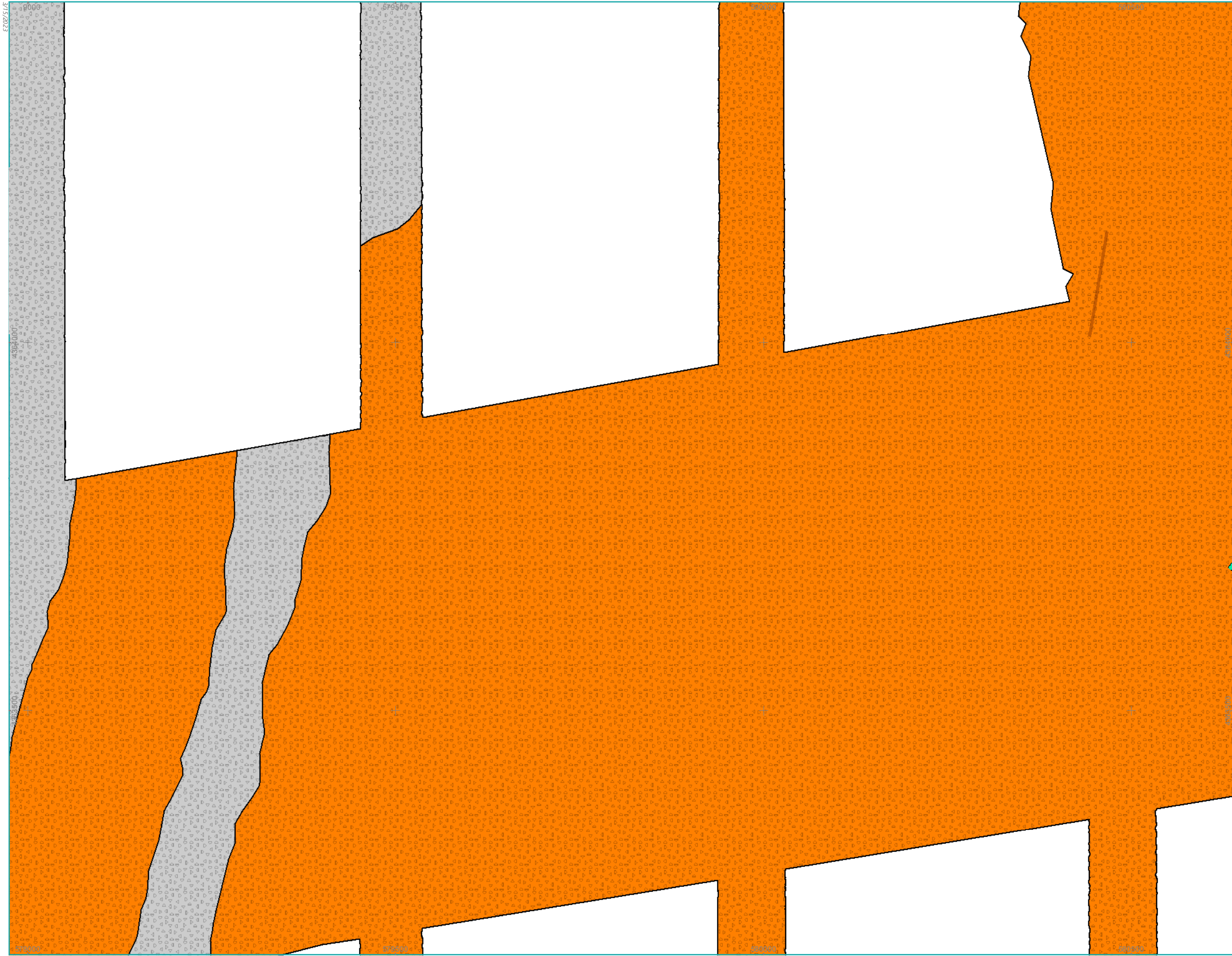
LEGEND

- Seabed Scar
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

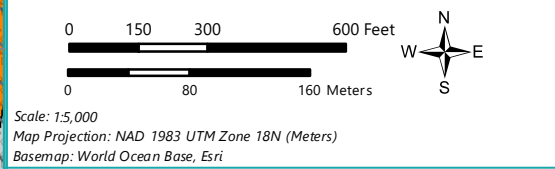
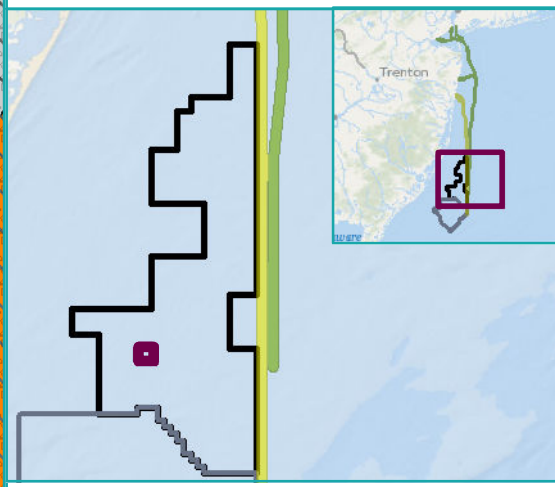
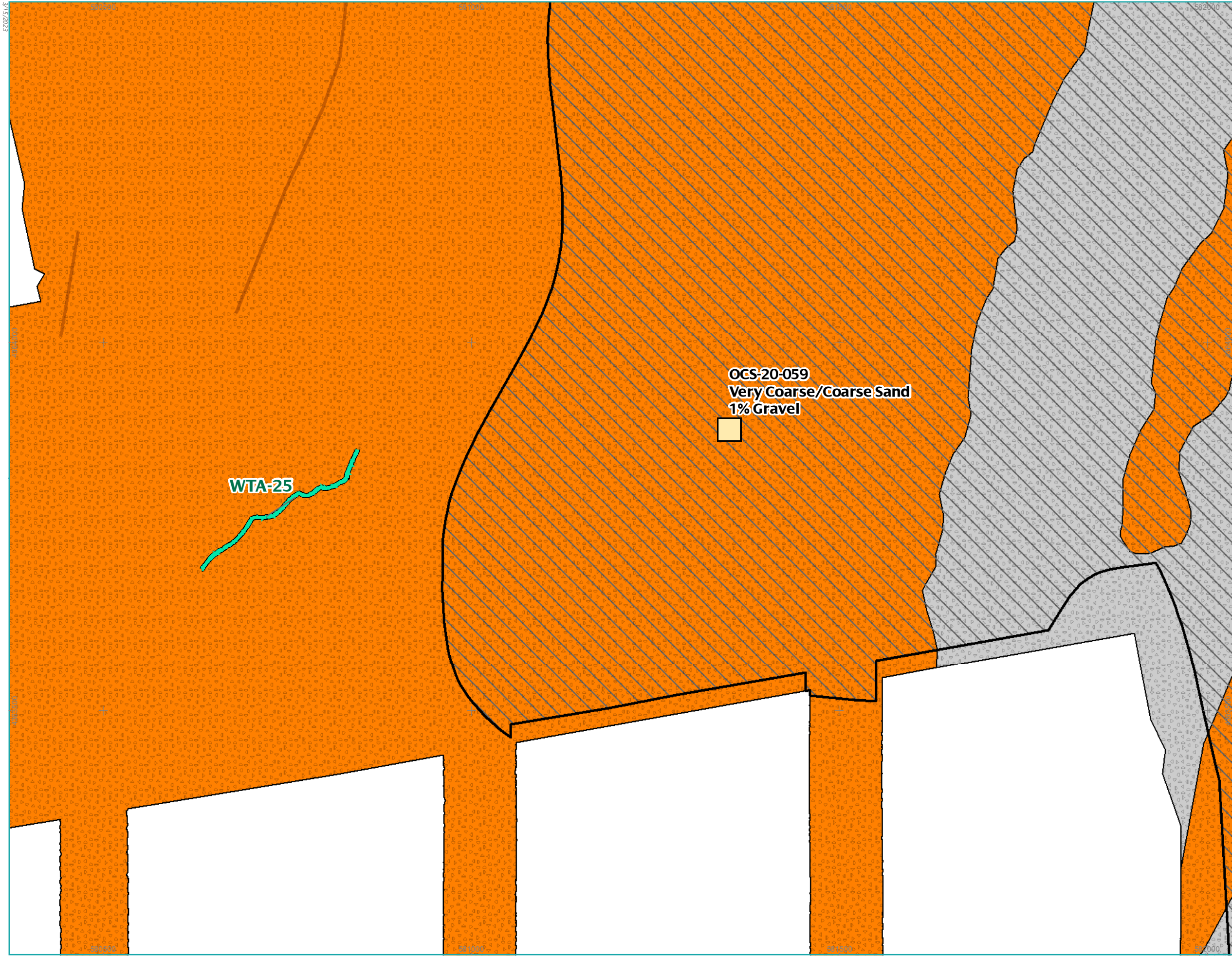
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



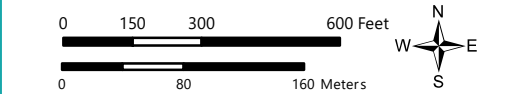
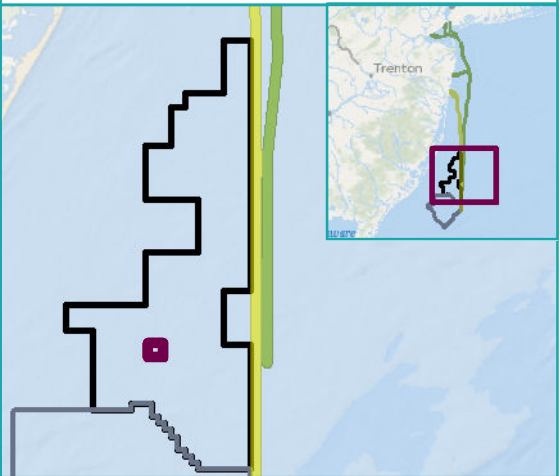
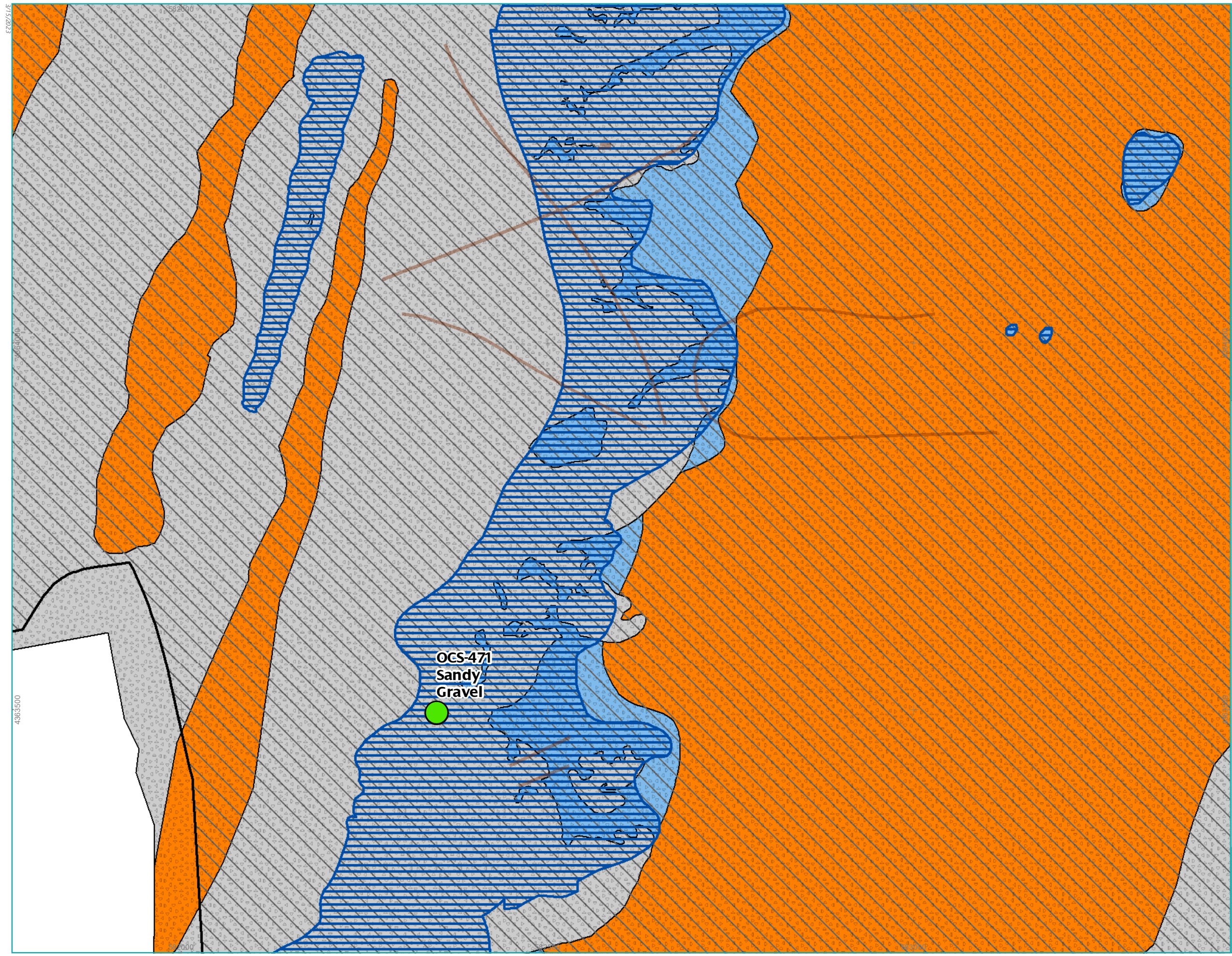
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



- LEGEND**
- Soft Bottom Station - Grab
 - Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

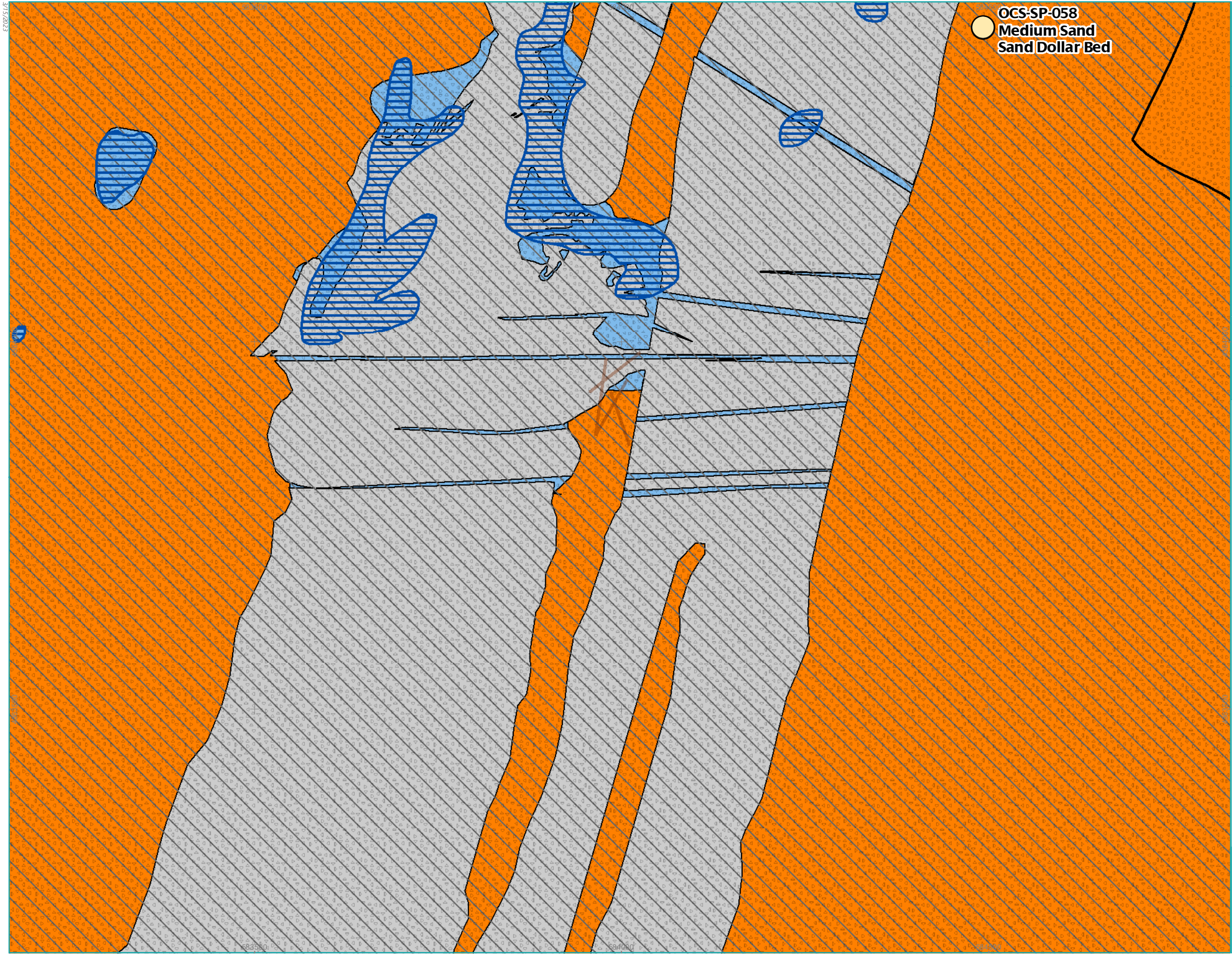


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

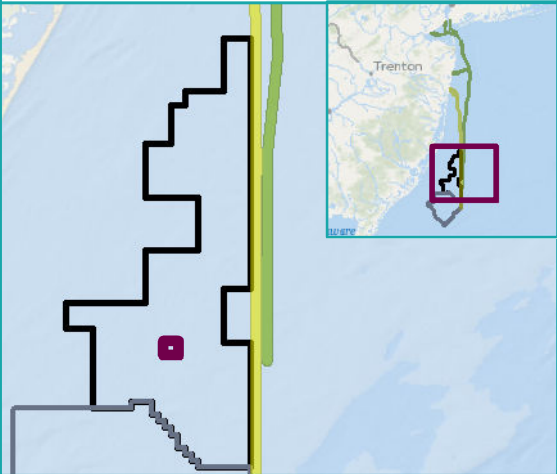
LEGEND

- Complex Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



ATLANTIC SHORES offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

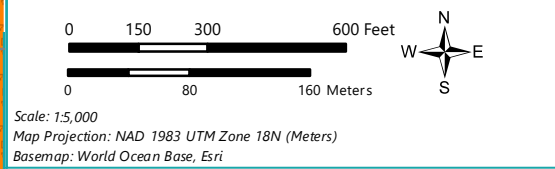
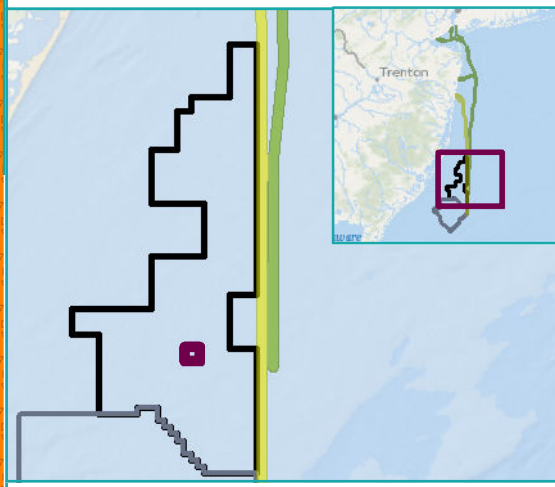
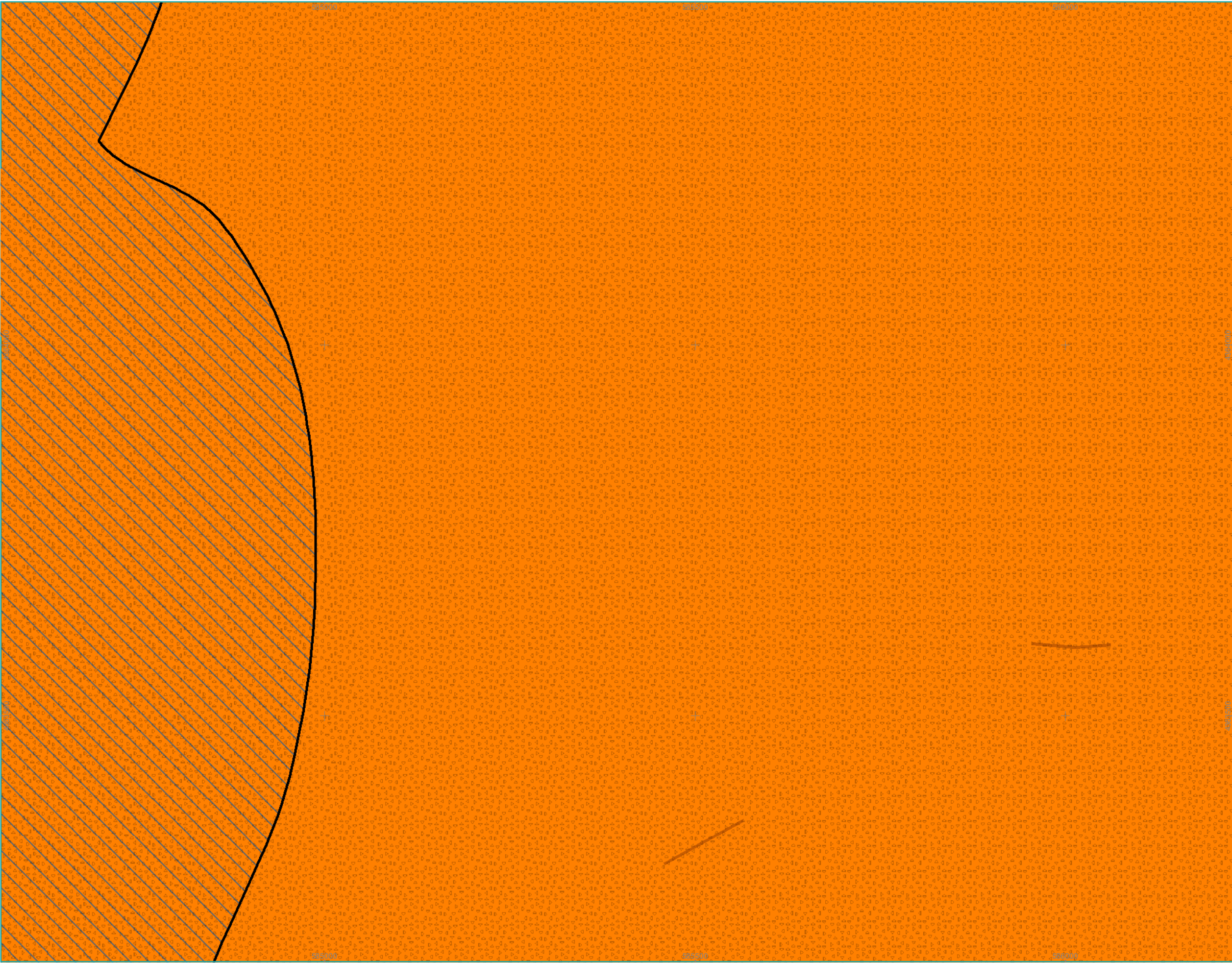
LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
Slide 139 of 211

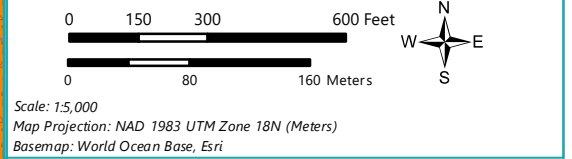
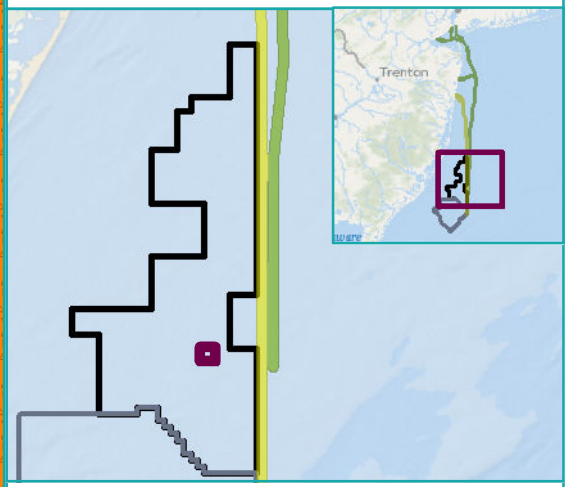
3/15/2023



LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Soft Bottom Habitat
- Lease Area OCS-A-0549

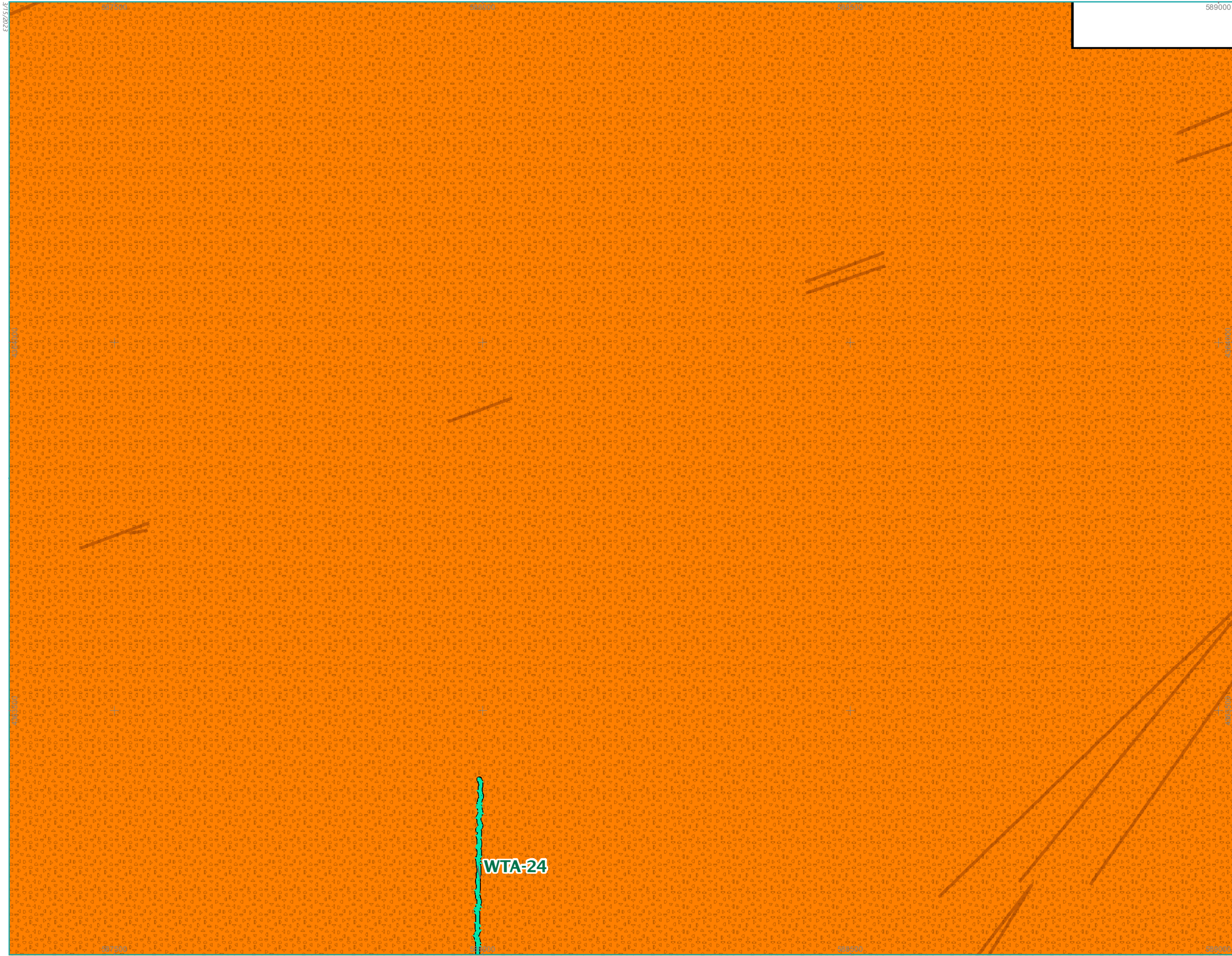
3/15/2023



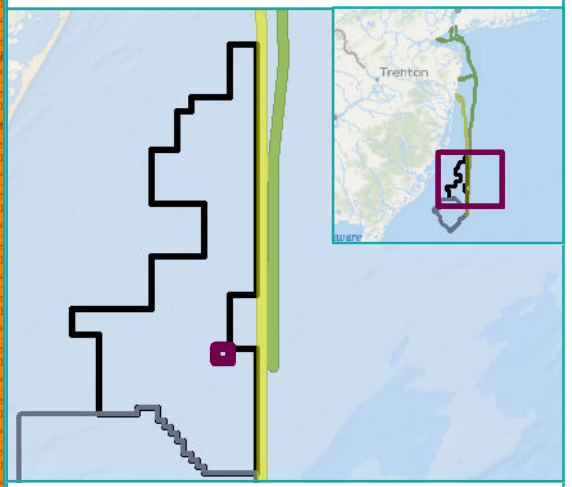
LEGEND

- Seabed Scar
- Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



589000



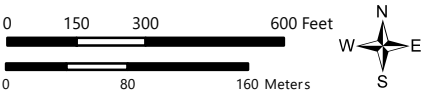
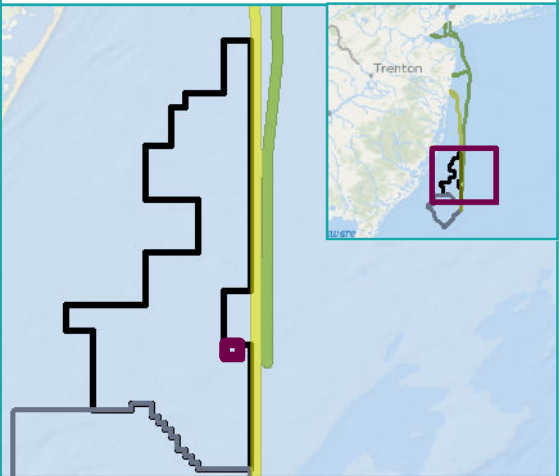
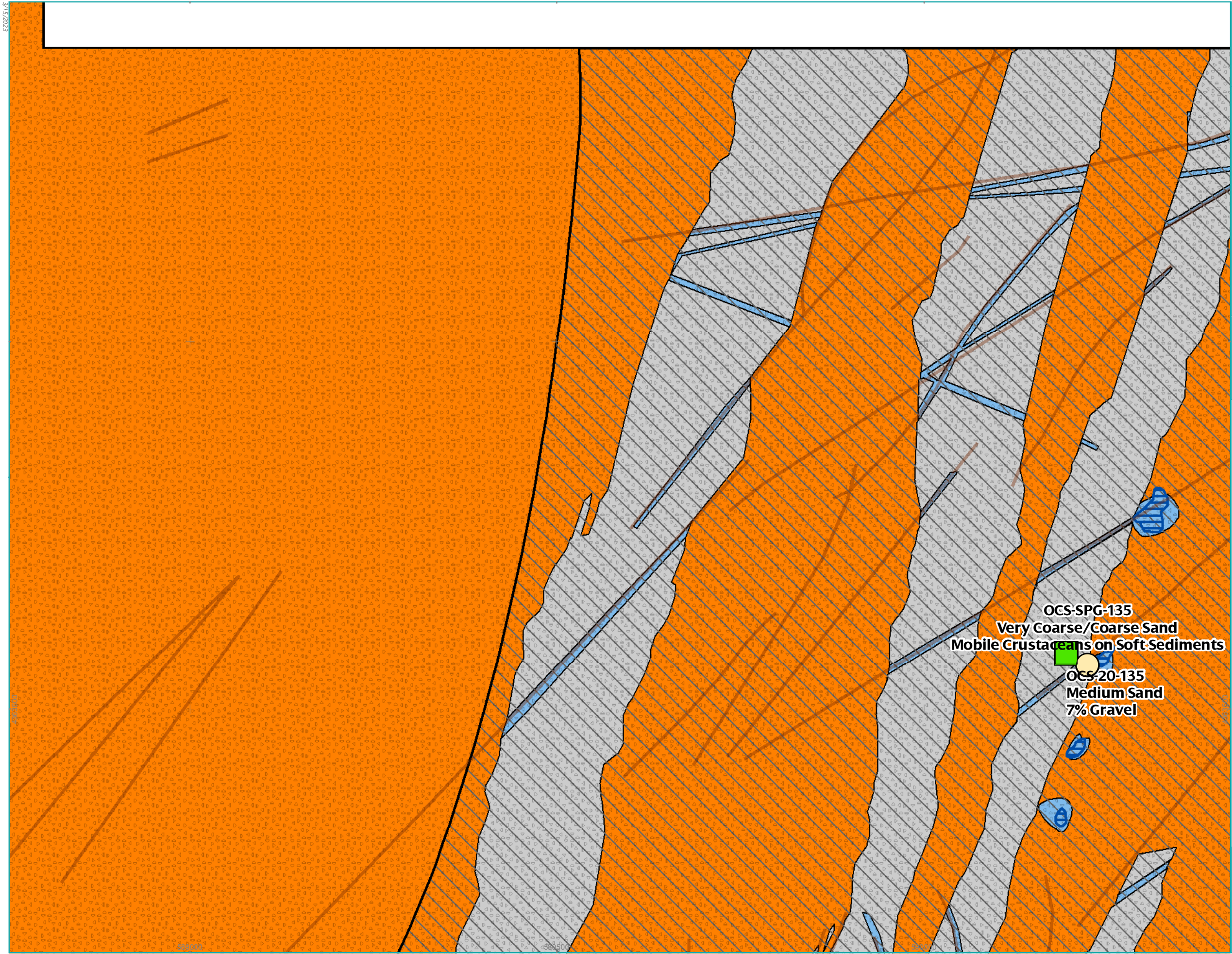
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Video Transect
- Seabed Scar
- Soft Bottom Habitat
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps
1:5000 Scale
Lease Area OCS-A-0549
Slide 142 of 211

3/15/2023

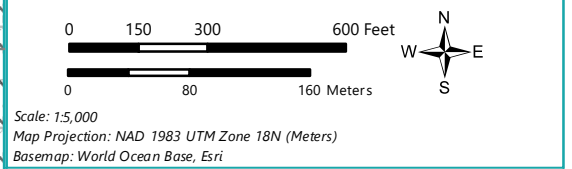
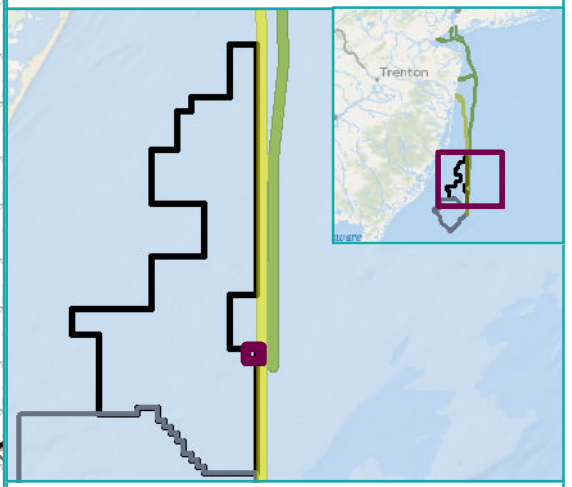
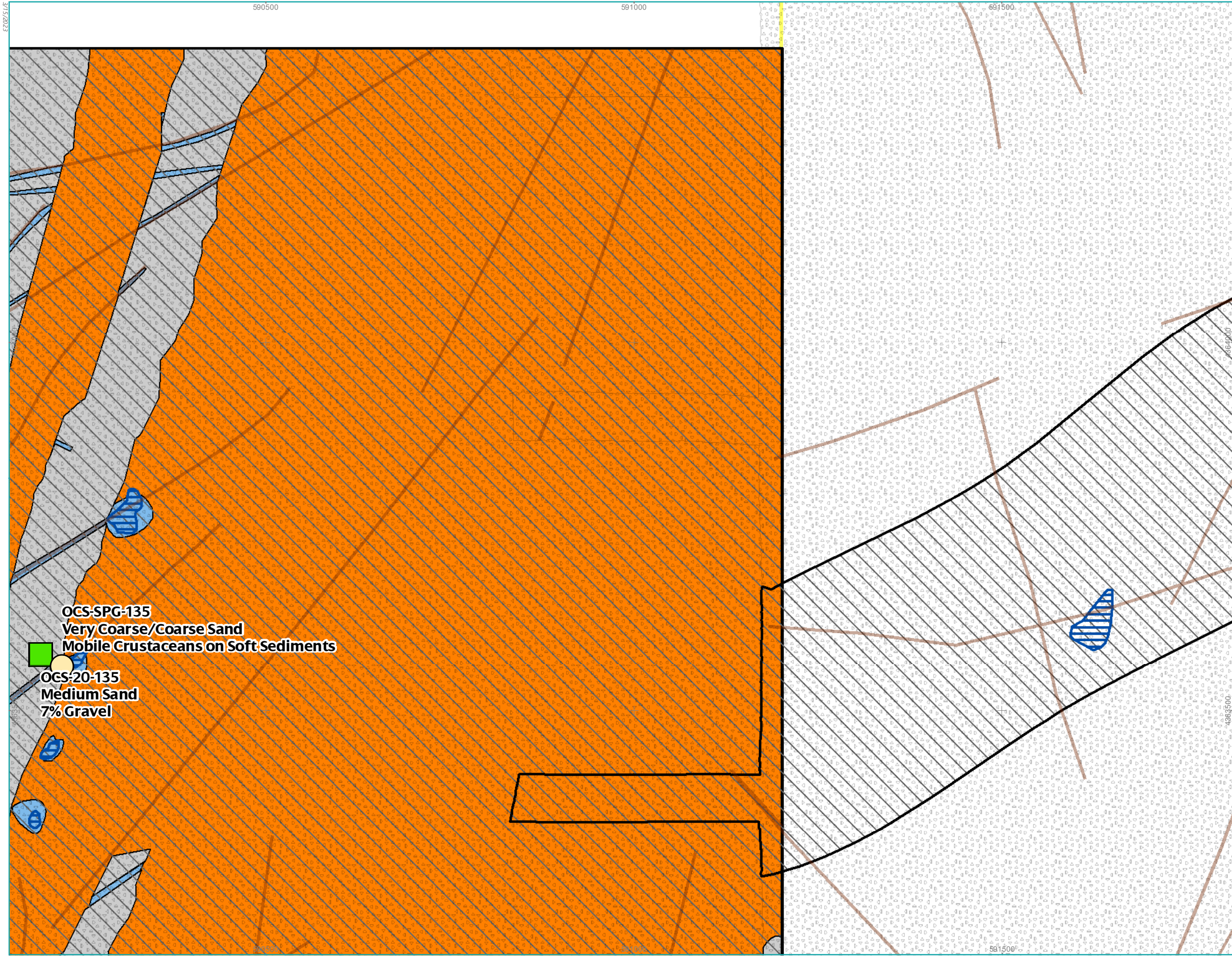


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Basemap: World Ocean Base, Esri

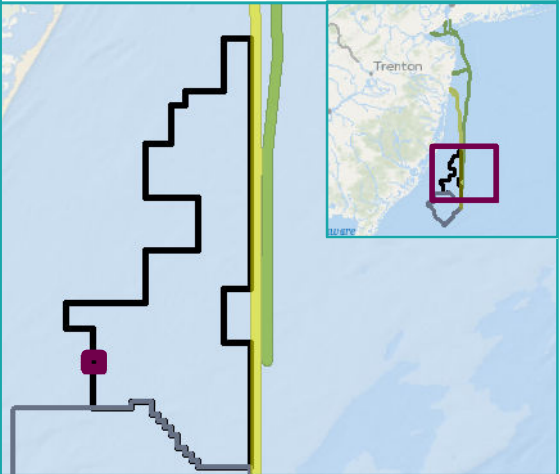
LEGEND

- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab
- Seabed Scar
- ▨ Localized Relief Features
- ▤ Ripple
- ▧ Sand Wave
- ▩ Complex Habitat
- ▦ Heterogeneous Complex
- Soft Bottom Habitat
- ▭ Lease Area OCS-A-0549

3/17/2023



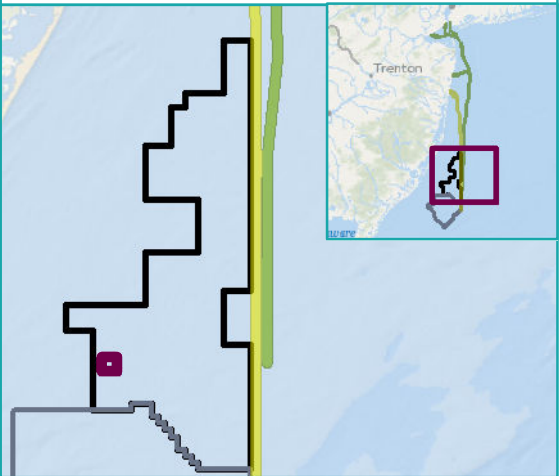
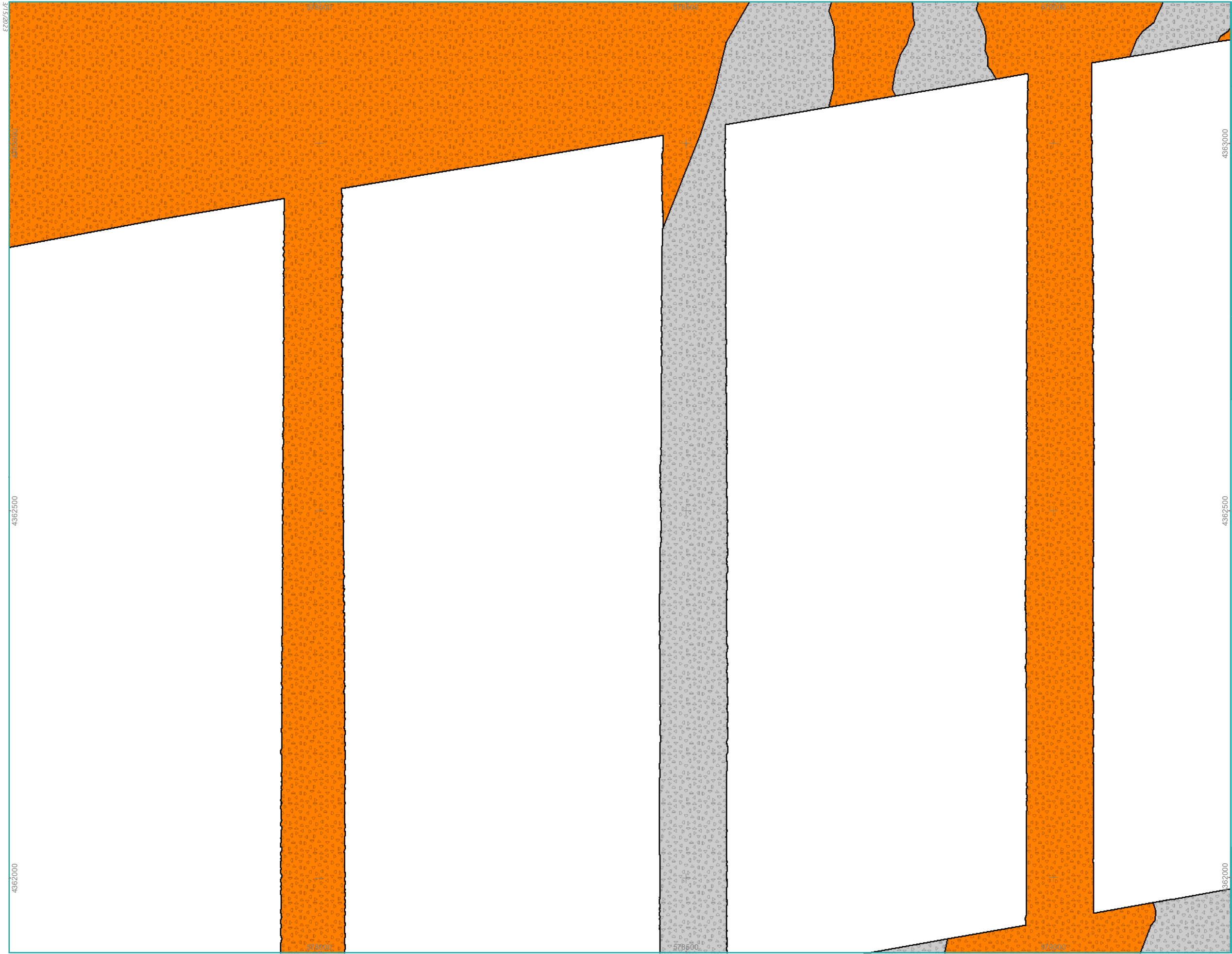
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

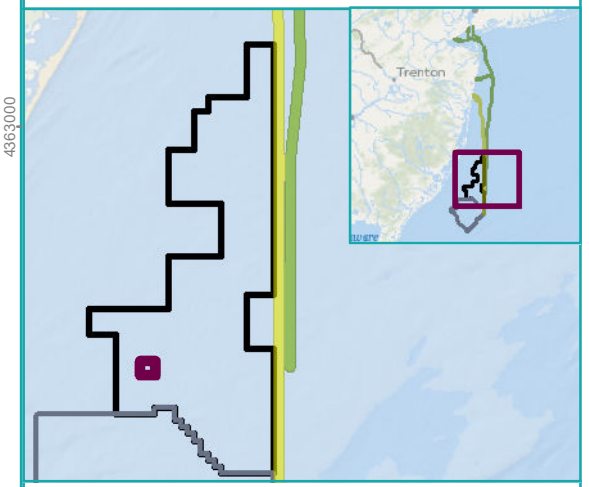
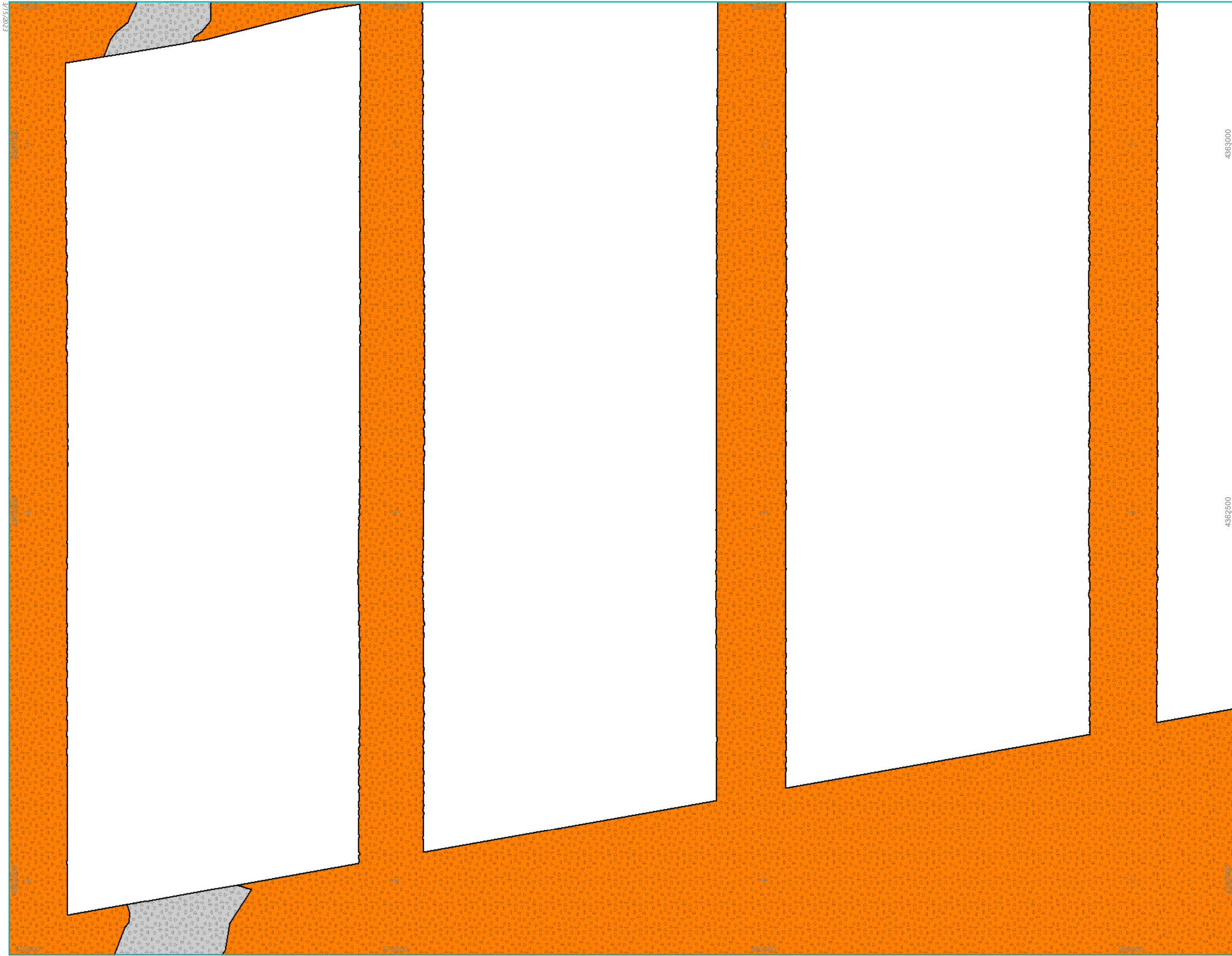
3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

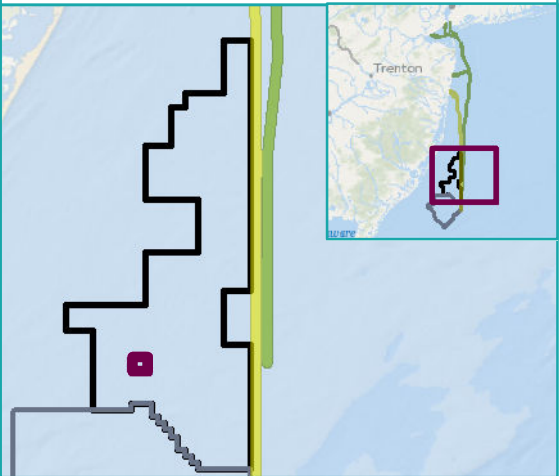
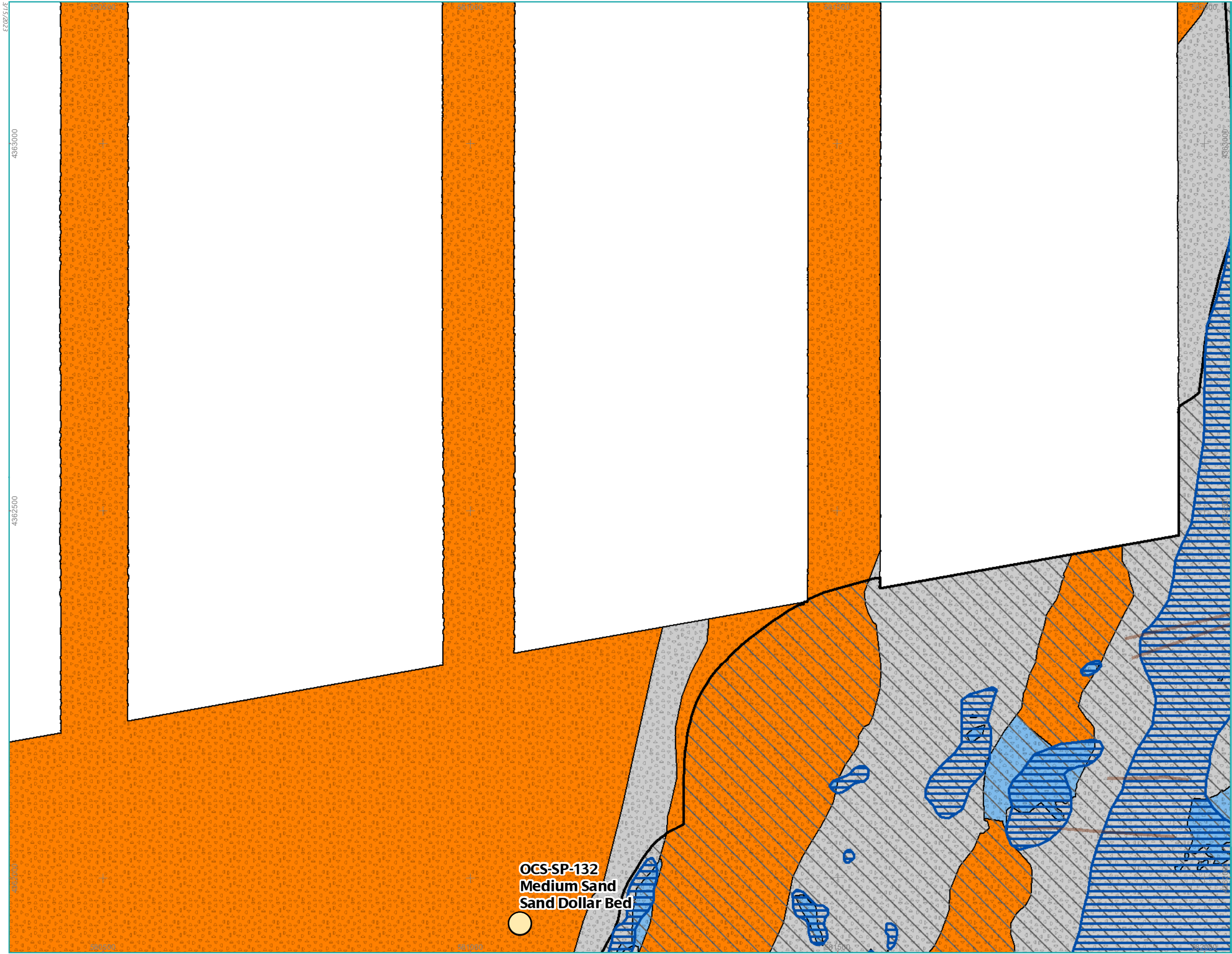
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

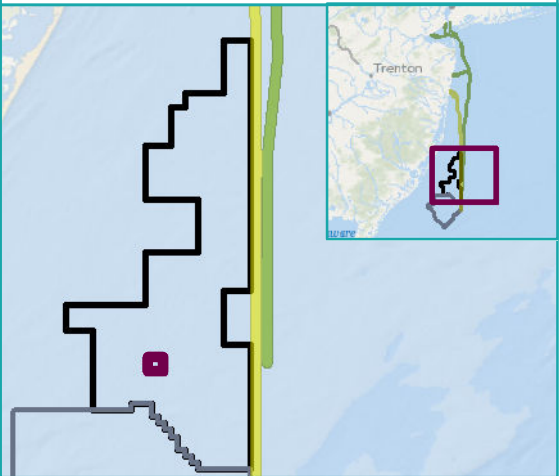
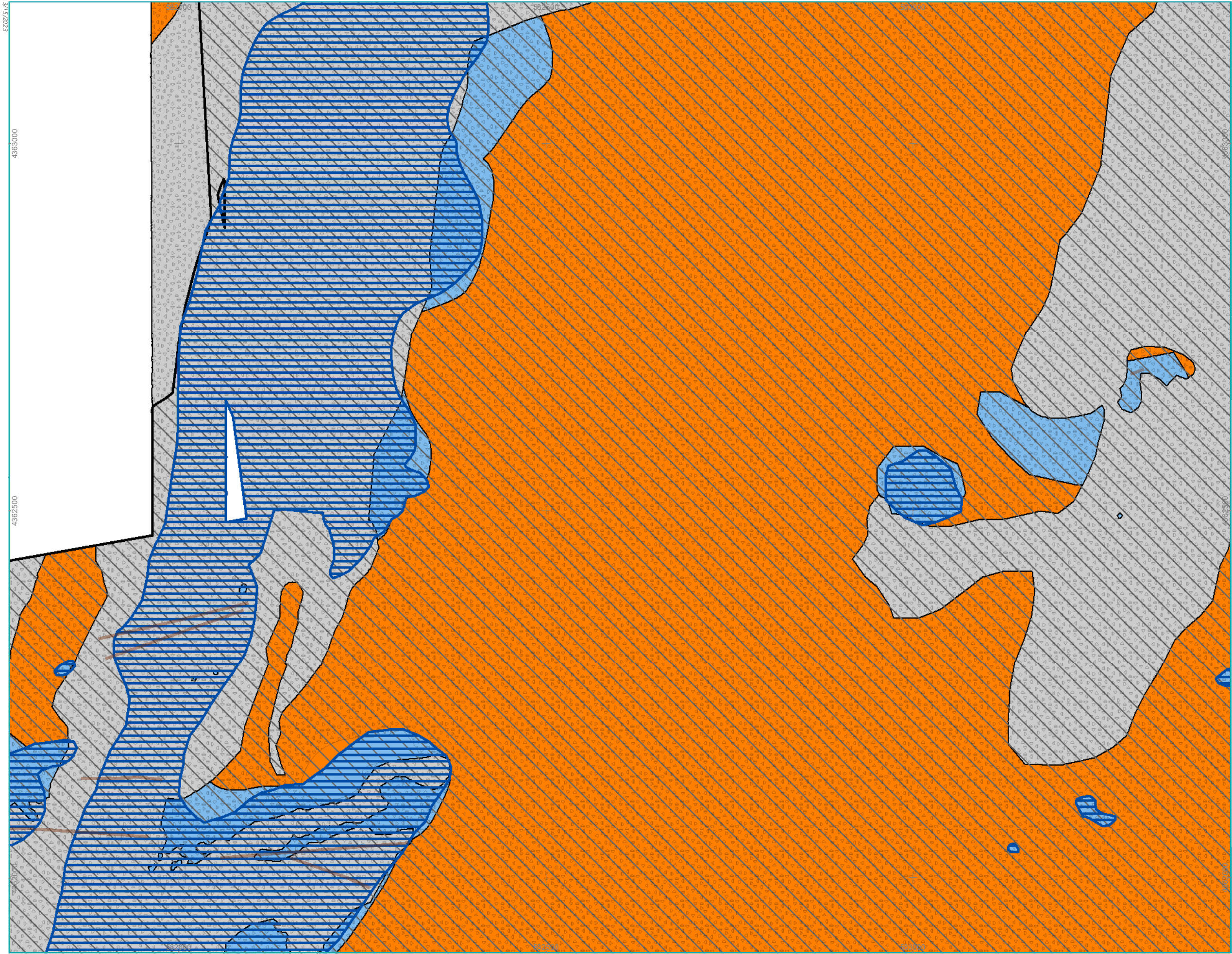
LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

OCS-SP-132
Medium Sand
Sand Dollar Bed

Atlantic Shores North EFH Maps
1:5000 Scale

Lease Area OCS-A-0549
Slide 148 of 211

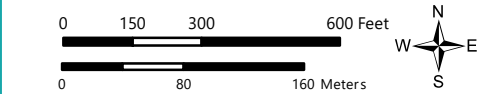
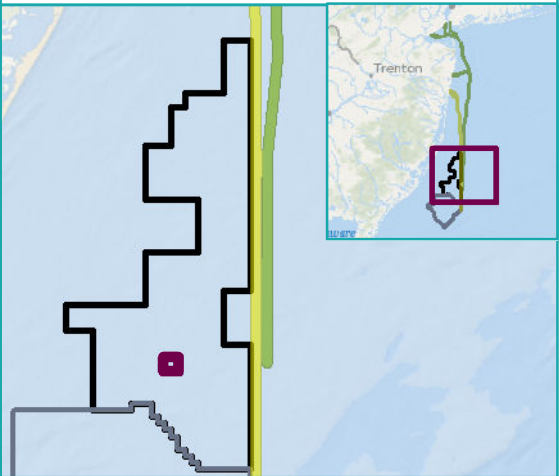
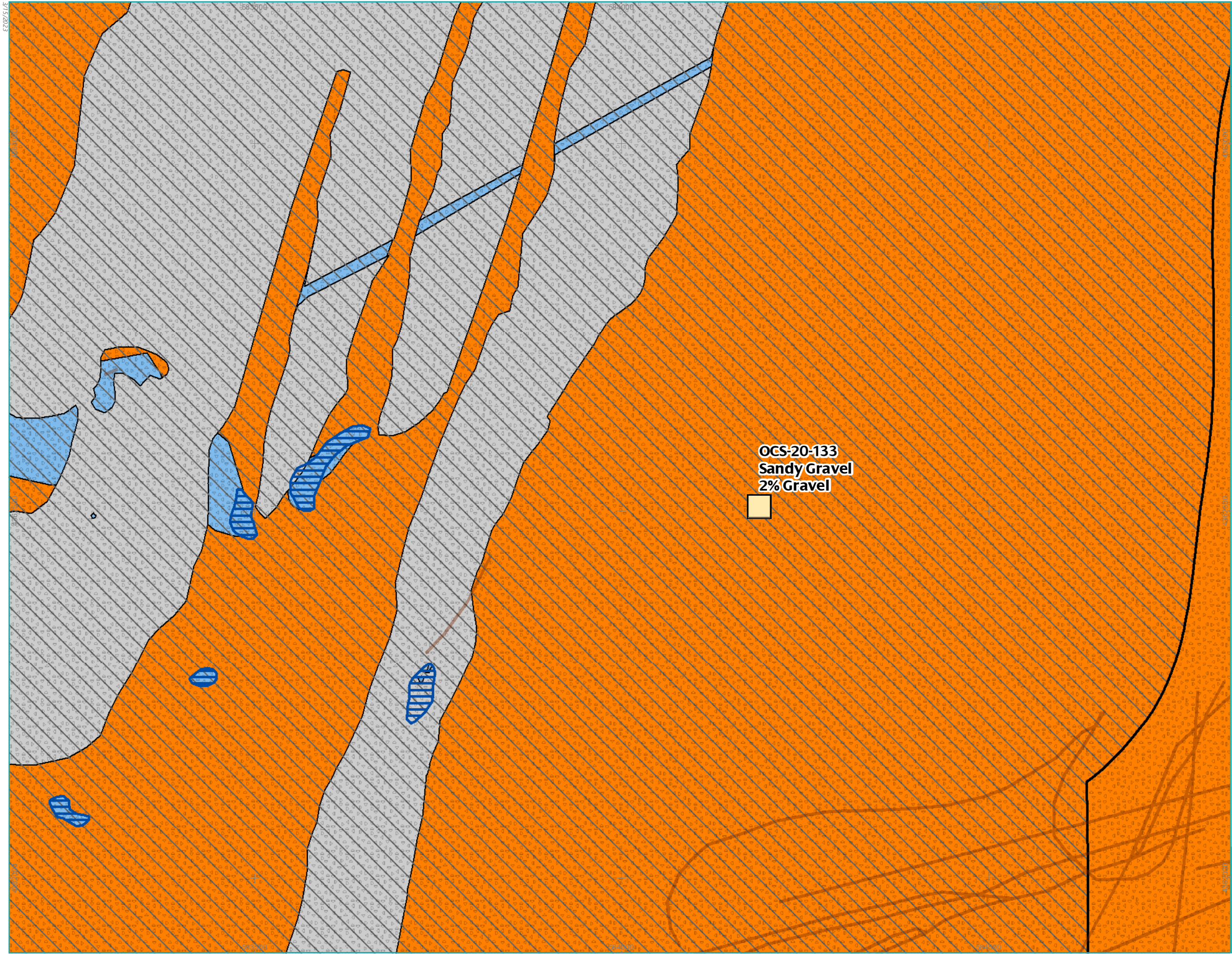


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

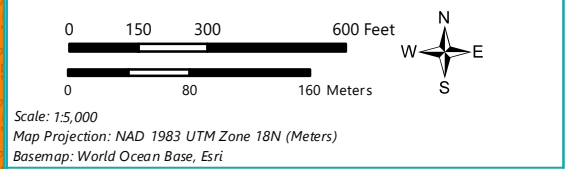
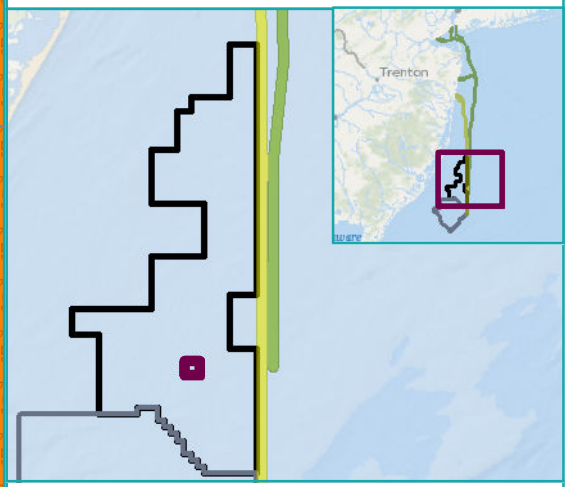


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

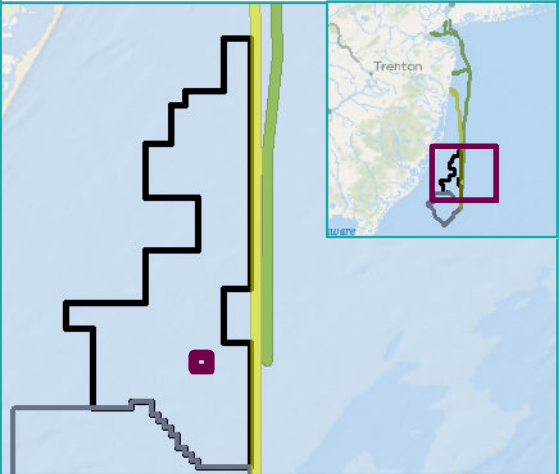
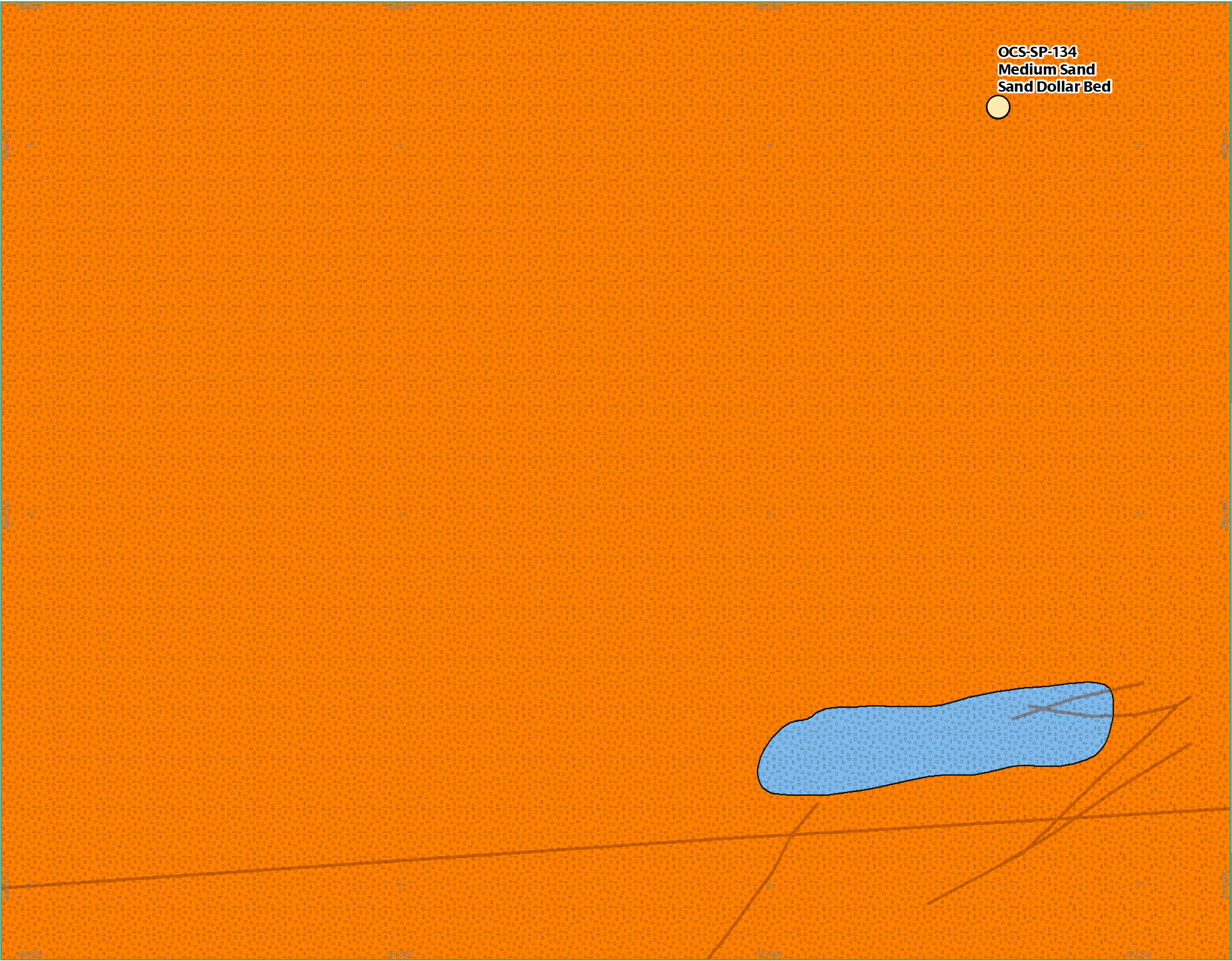
3/15/2023



LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

145° 0' 0" W

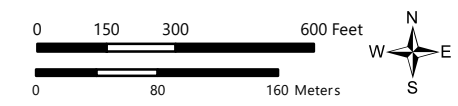
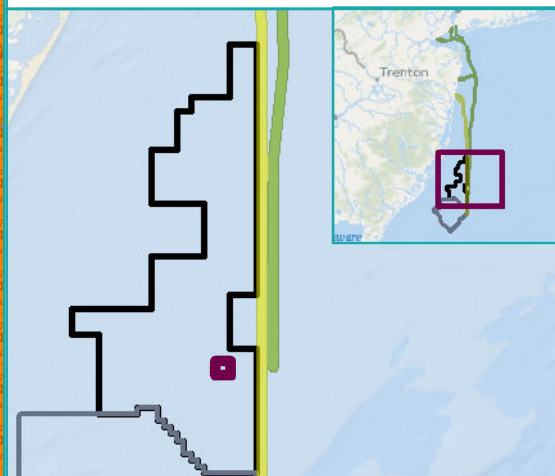
40° 0' 0" N

145° 0' 0" W

3/15/2023



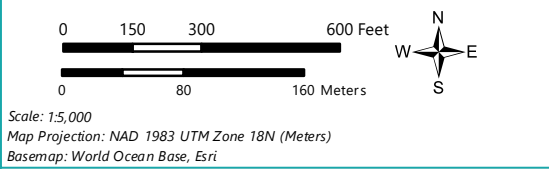
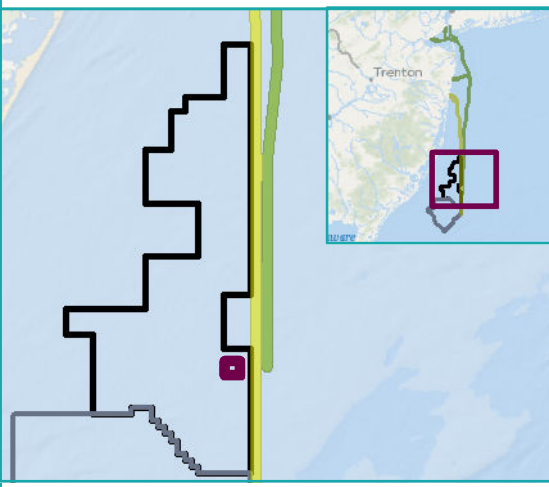
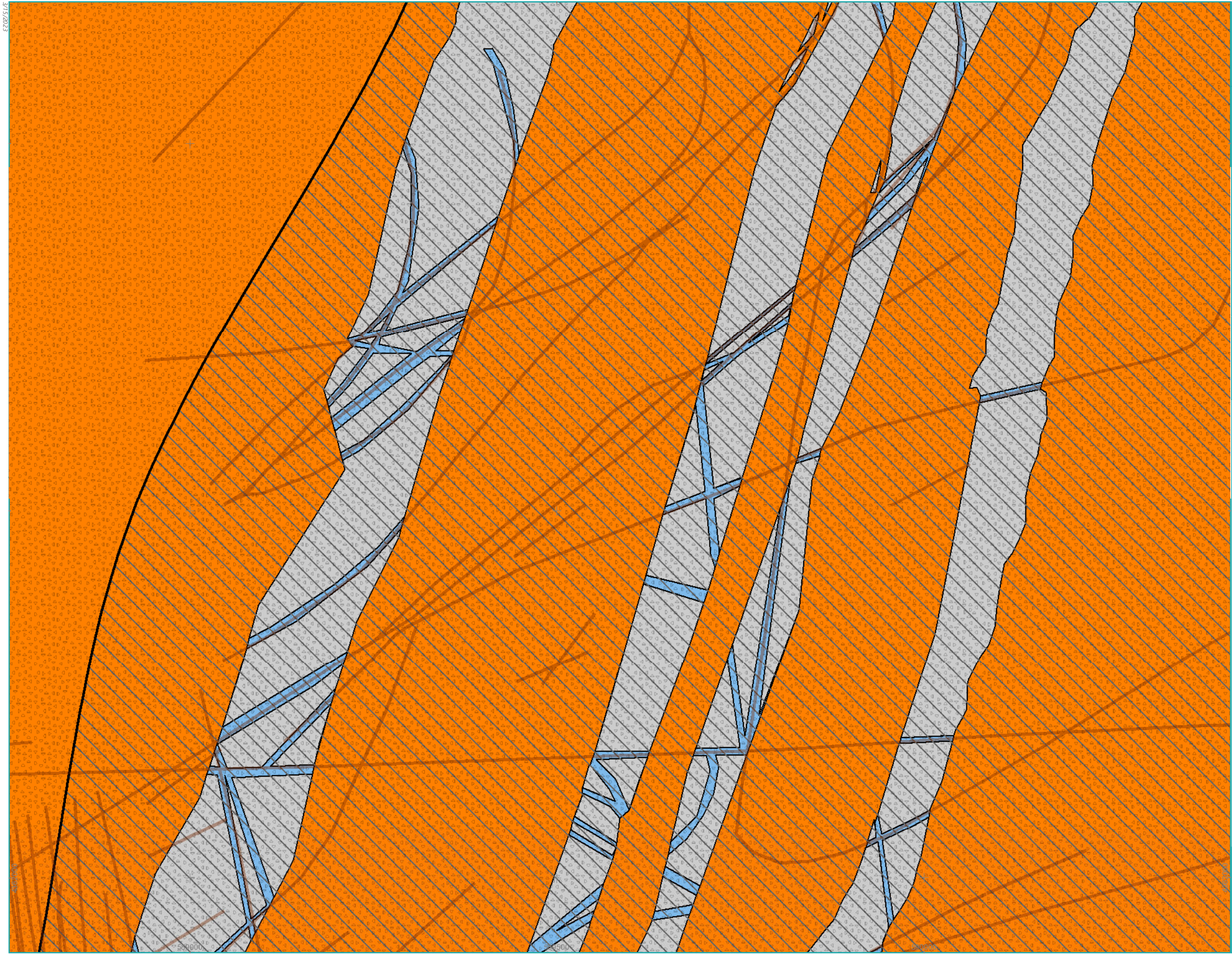
WTA-24



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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

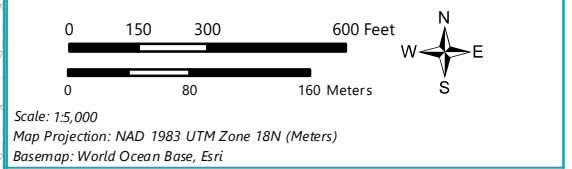
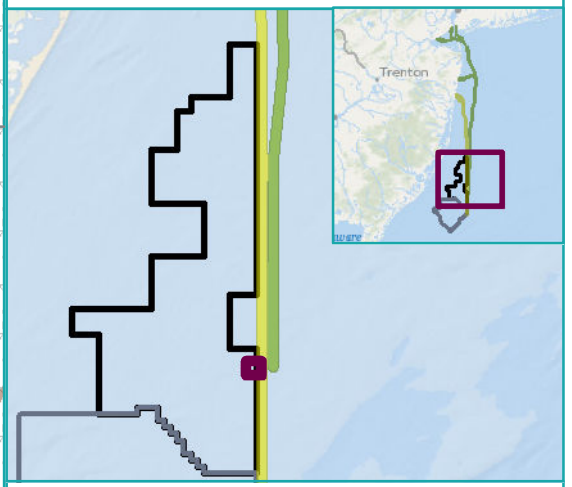
- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



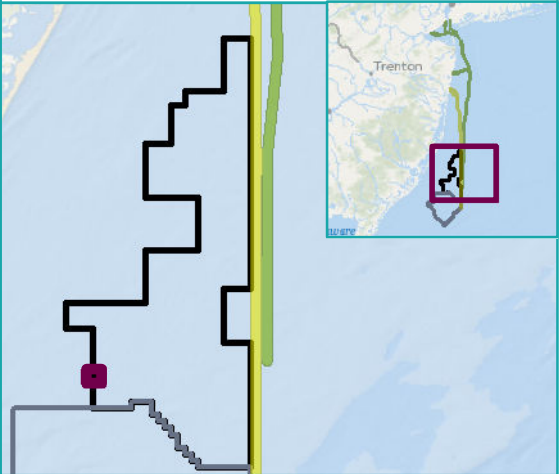
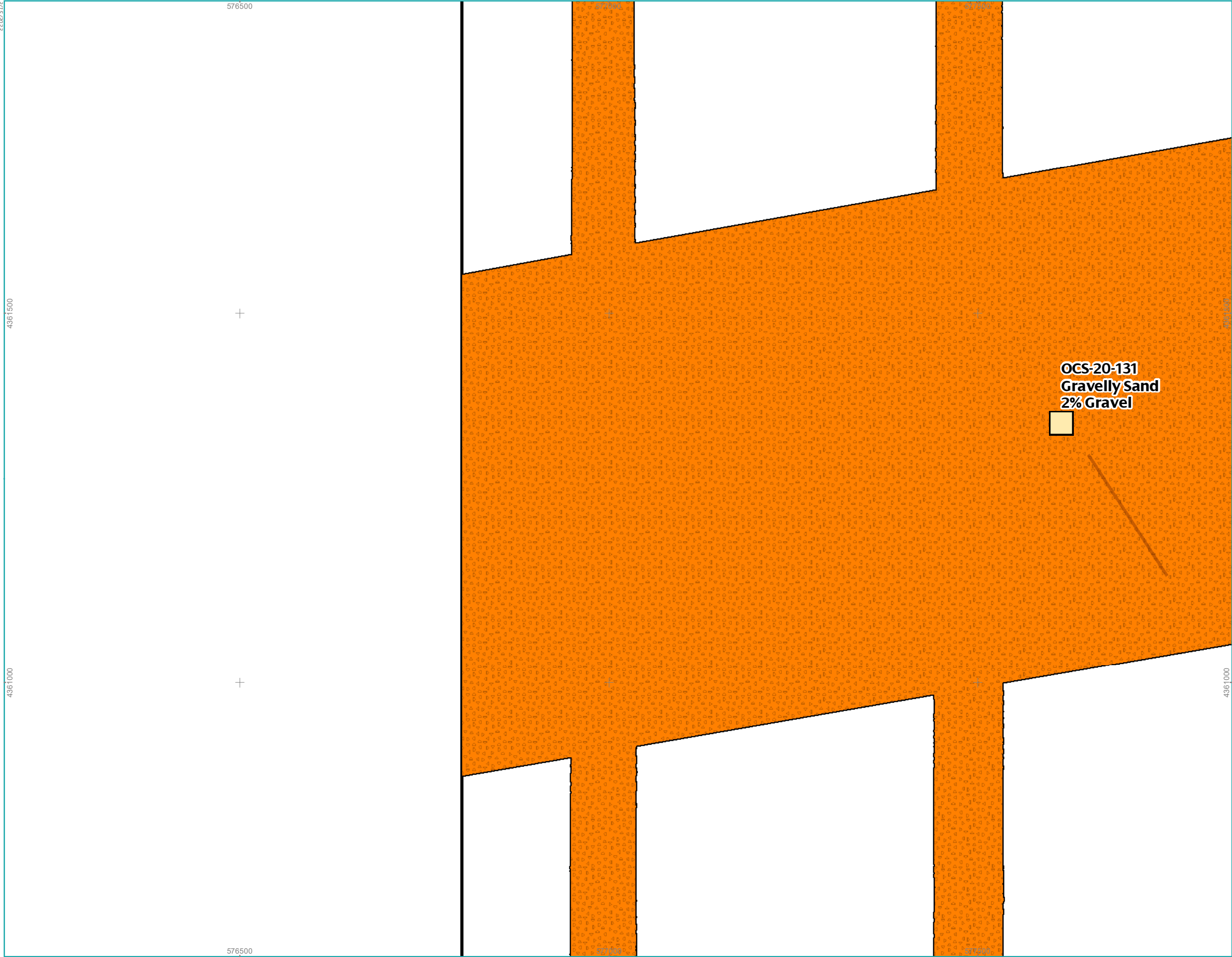
- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

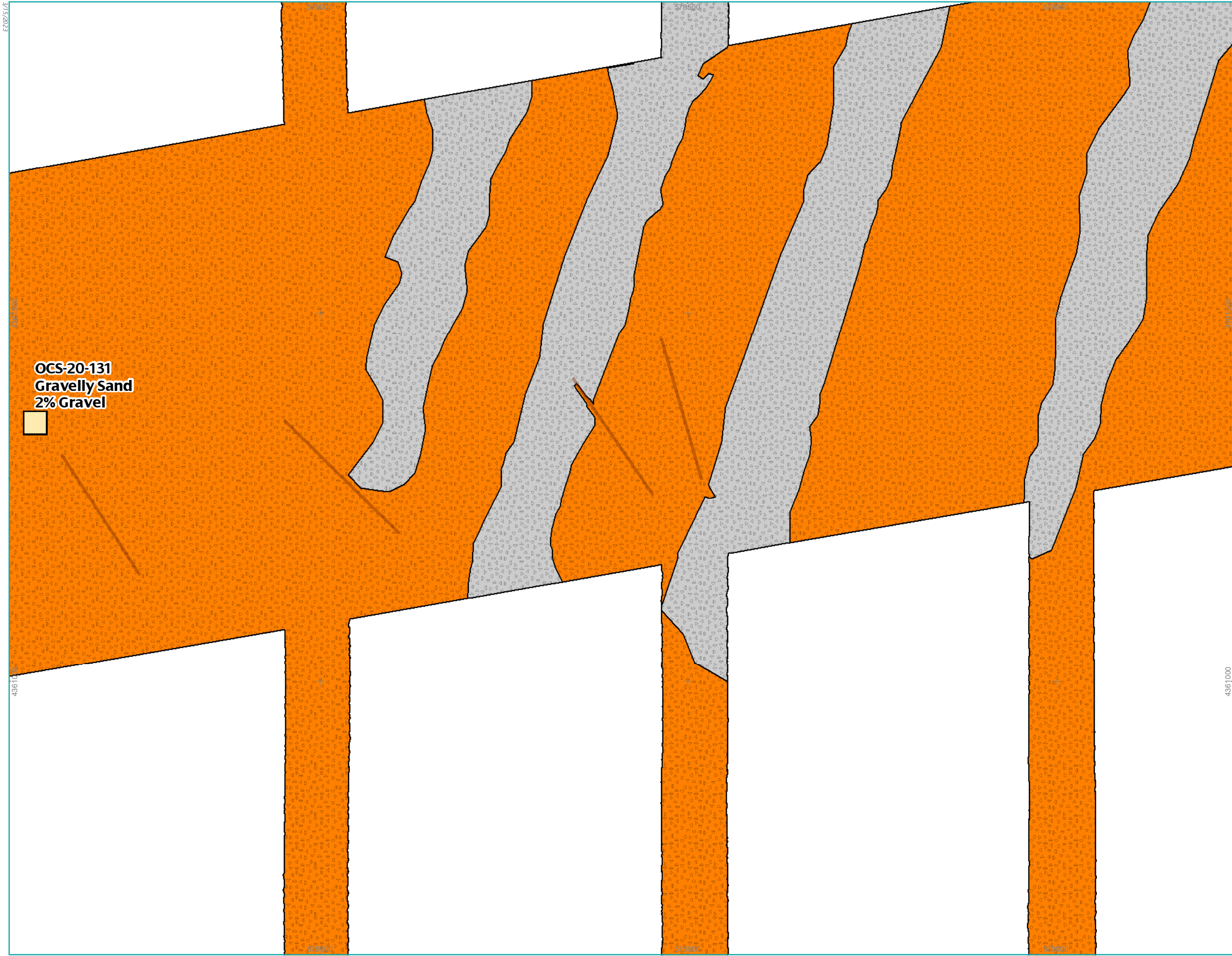
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



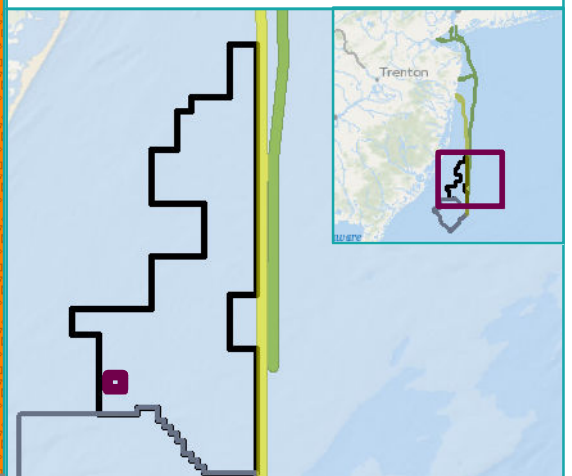
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/17/2023



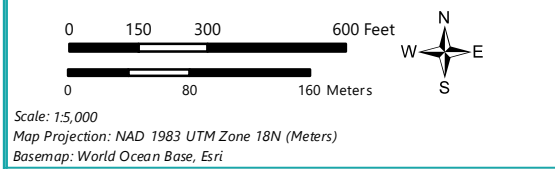
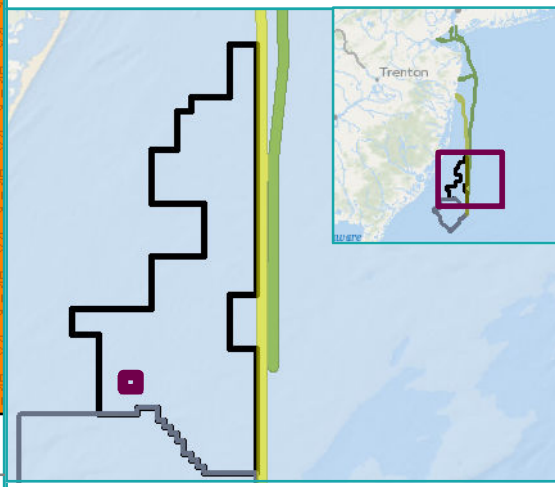
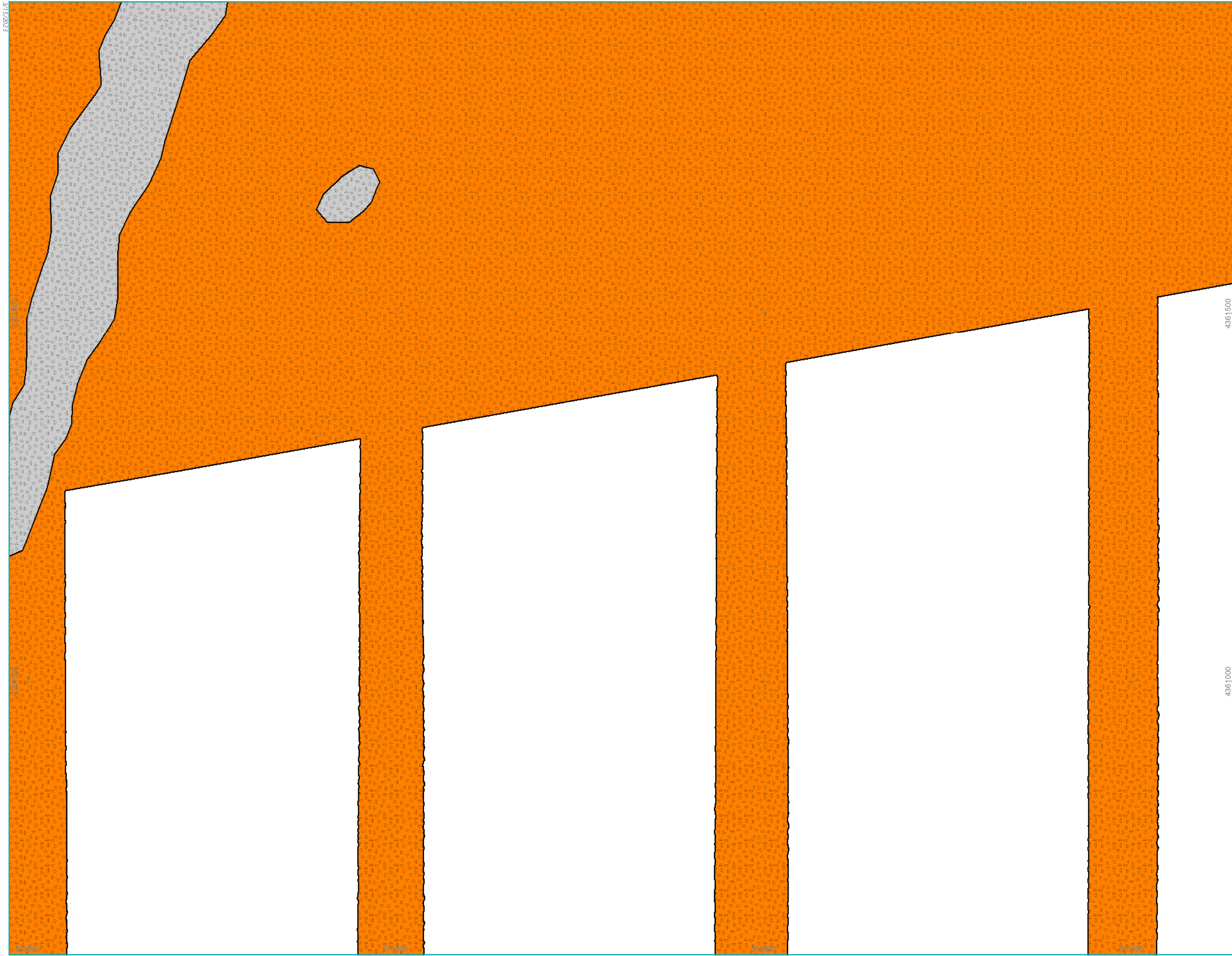
OCS-20-131
Gravelly Sand
2% Gravel



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/17/2023

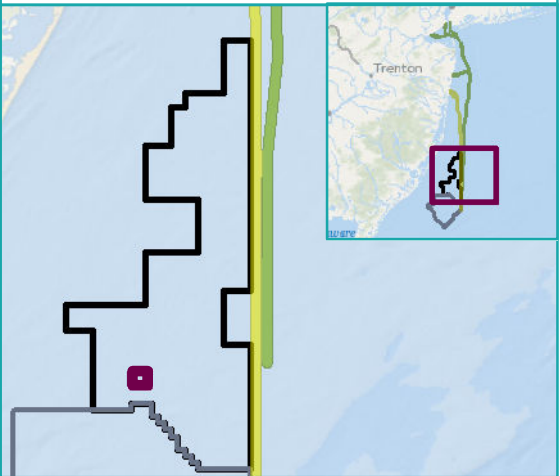
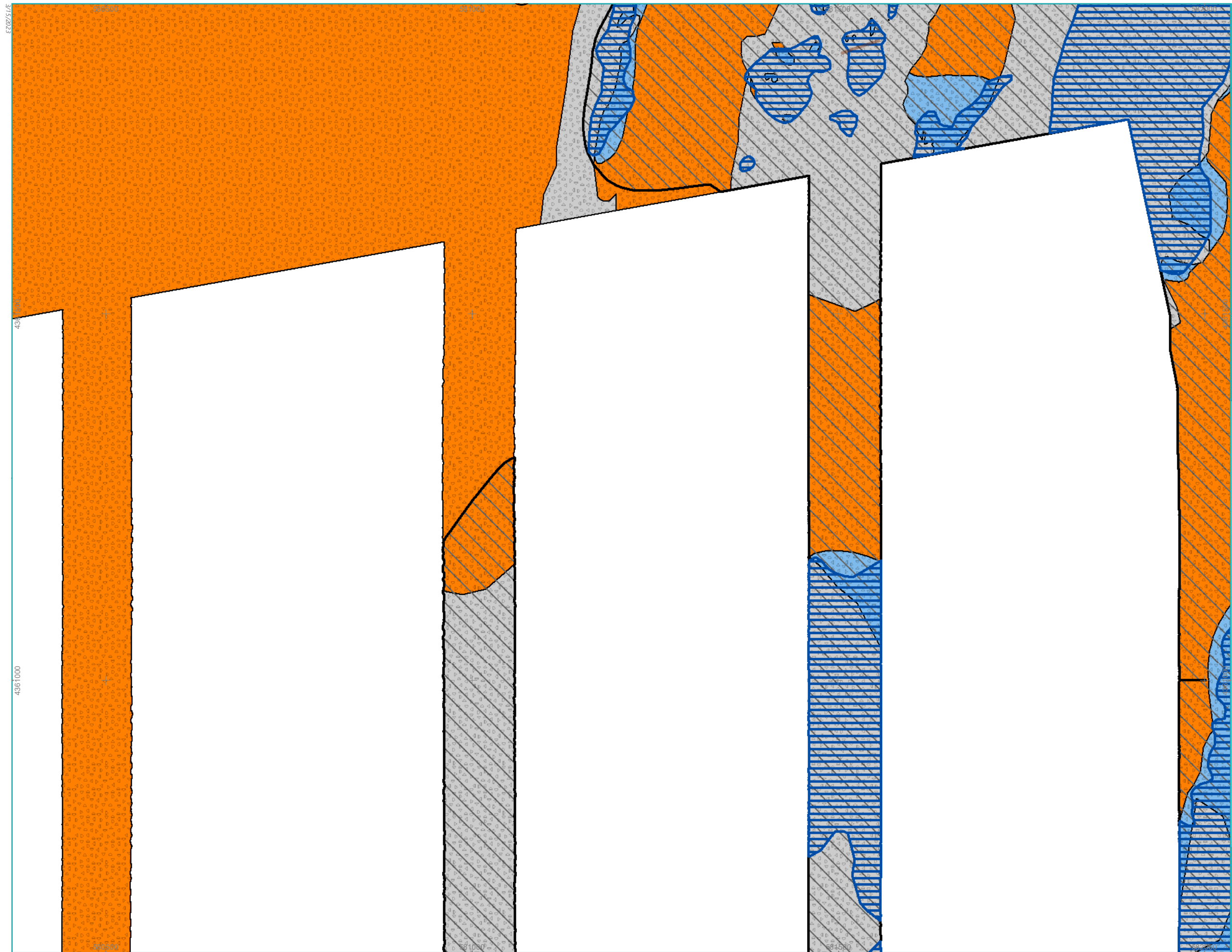


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

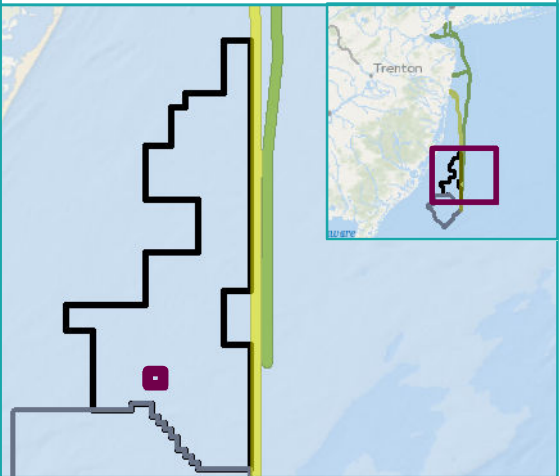
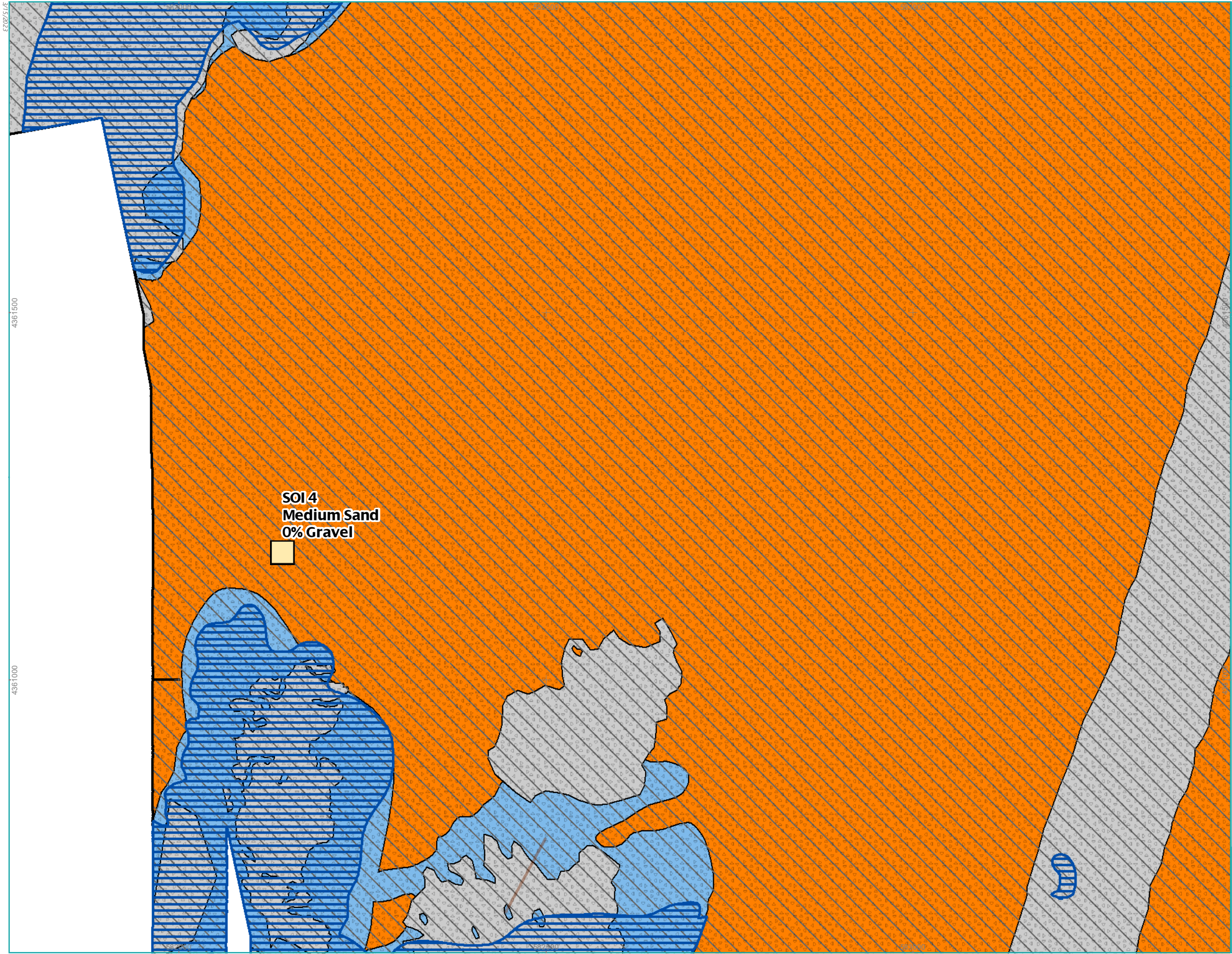
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

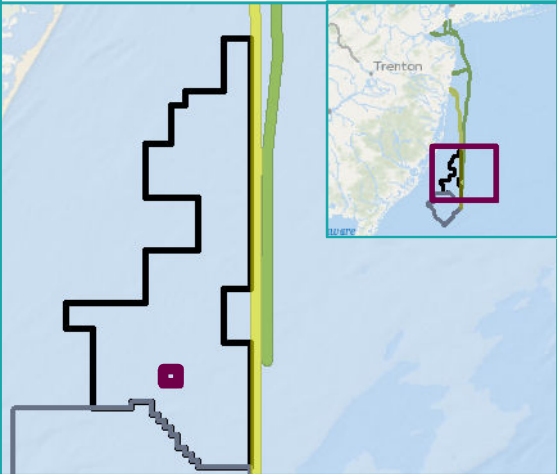
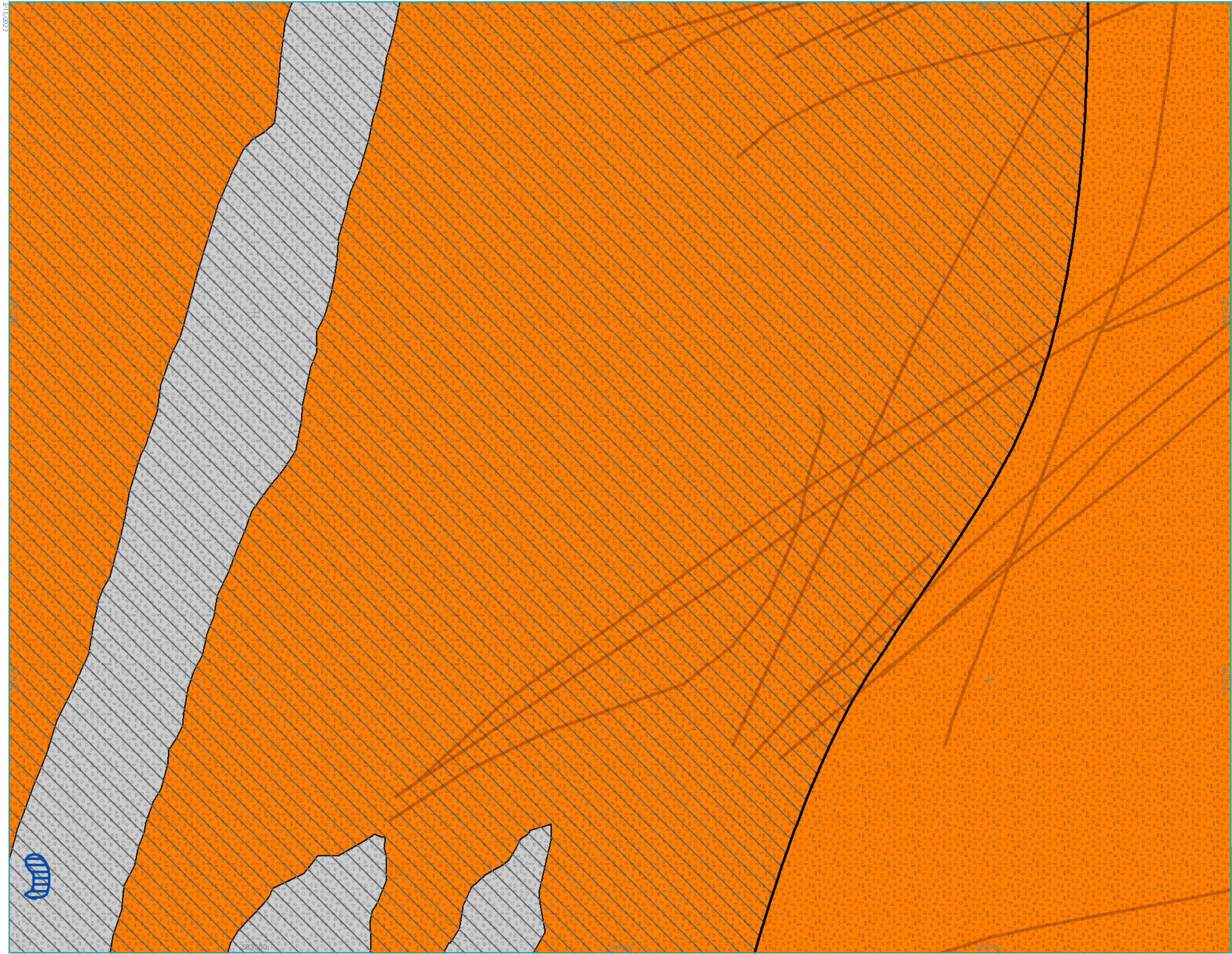


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

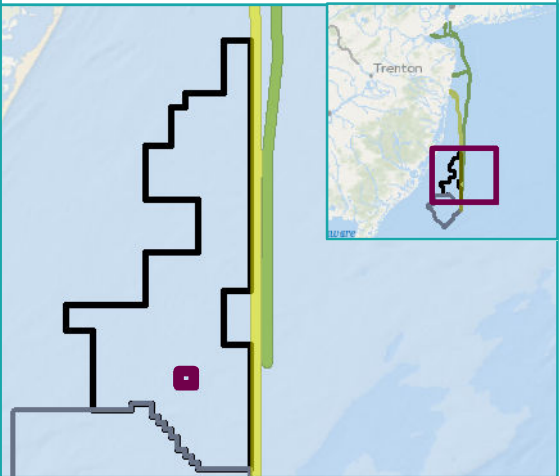
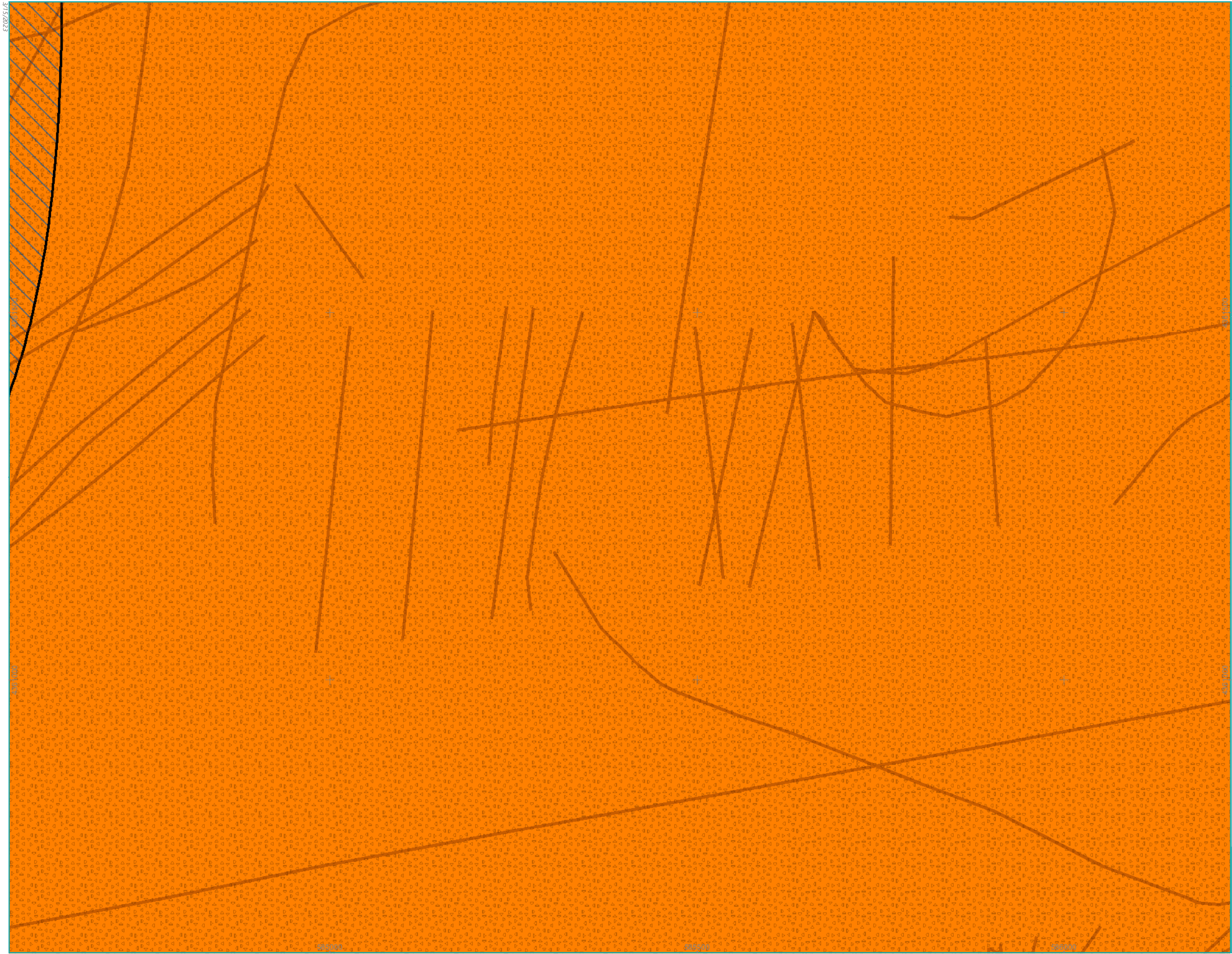


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

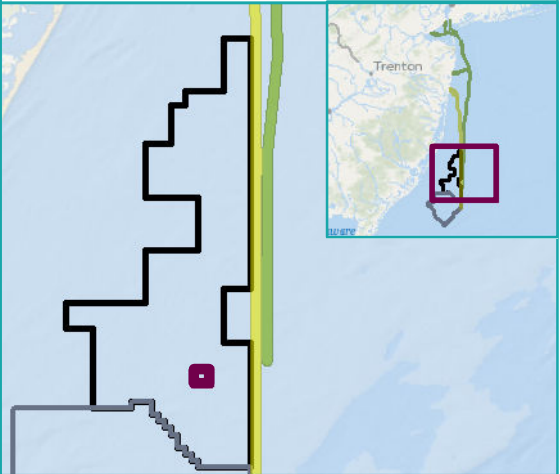
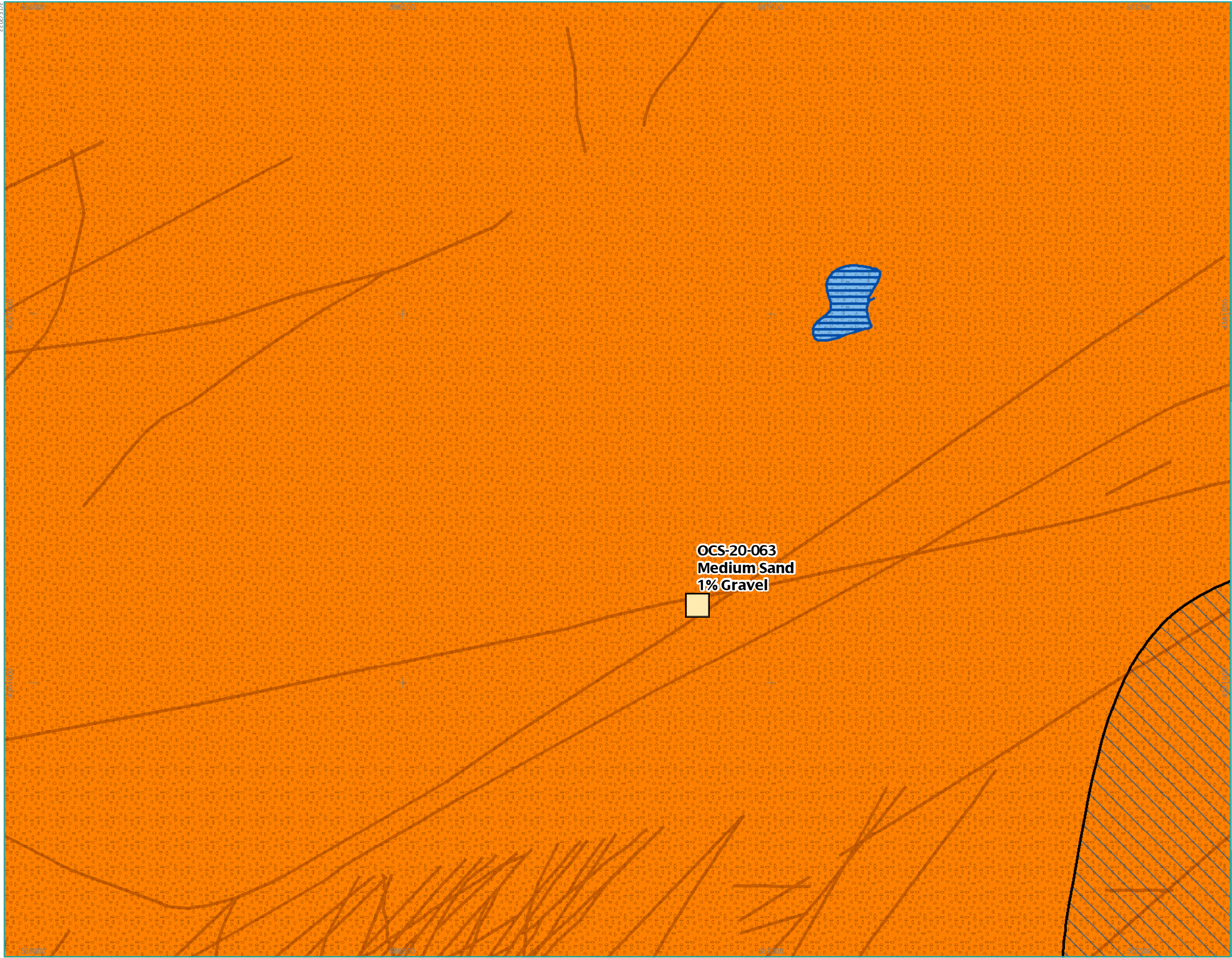


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

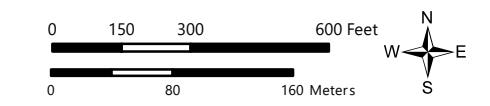
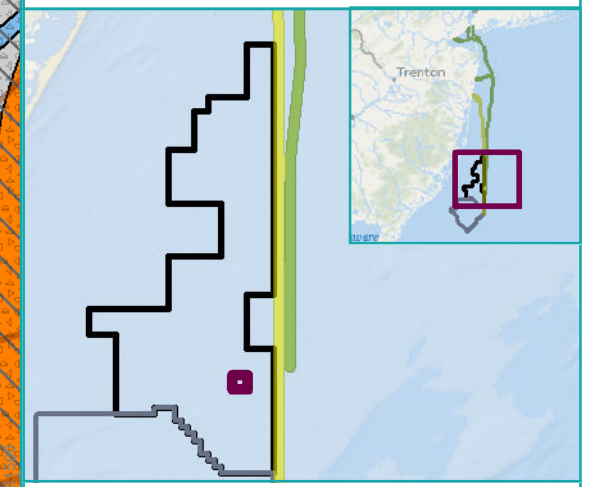
-  Soft Bottom Station - Grab Sample
-  Seabed Scar
-  Localized Relief Features
-  Ripple
-  Sand Wave
-  Heterogeneous Complex Habitat
-  Soft Bottom Habitat
-  Lease Area OCS-A-0549

3/15/2023

3/15/2023

3/15/2023

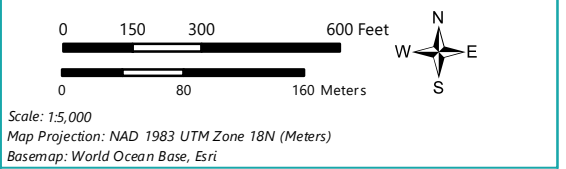
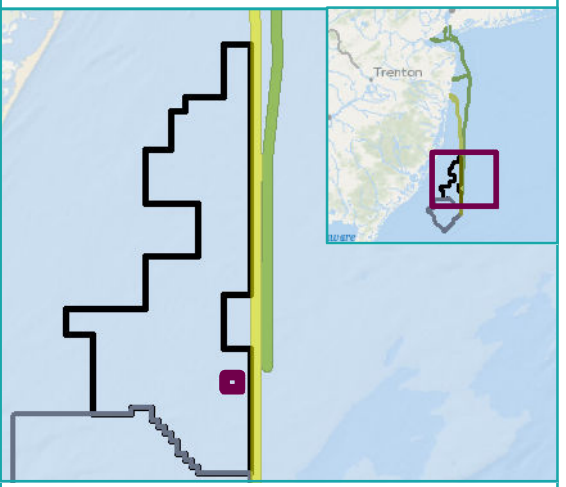
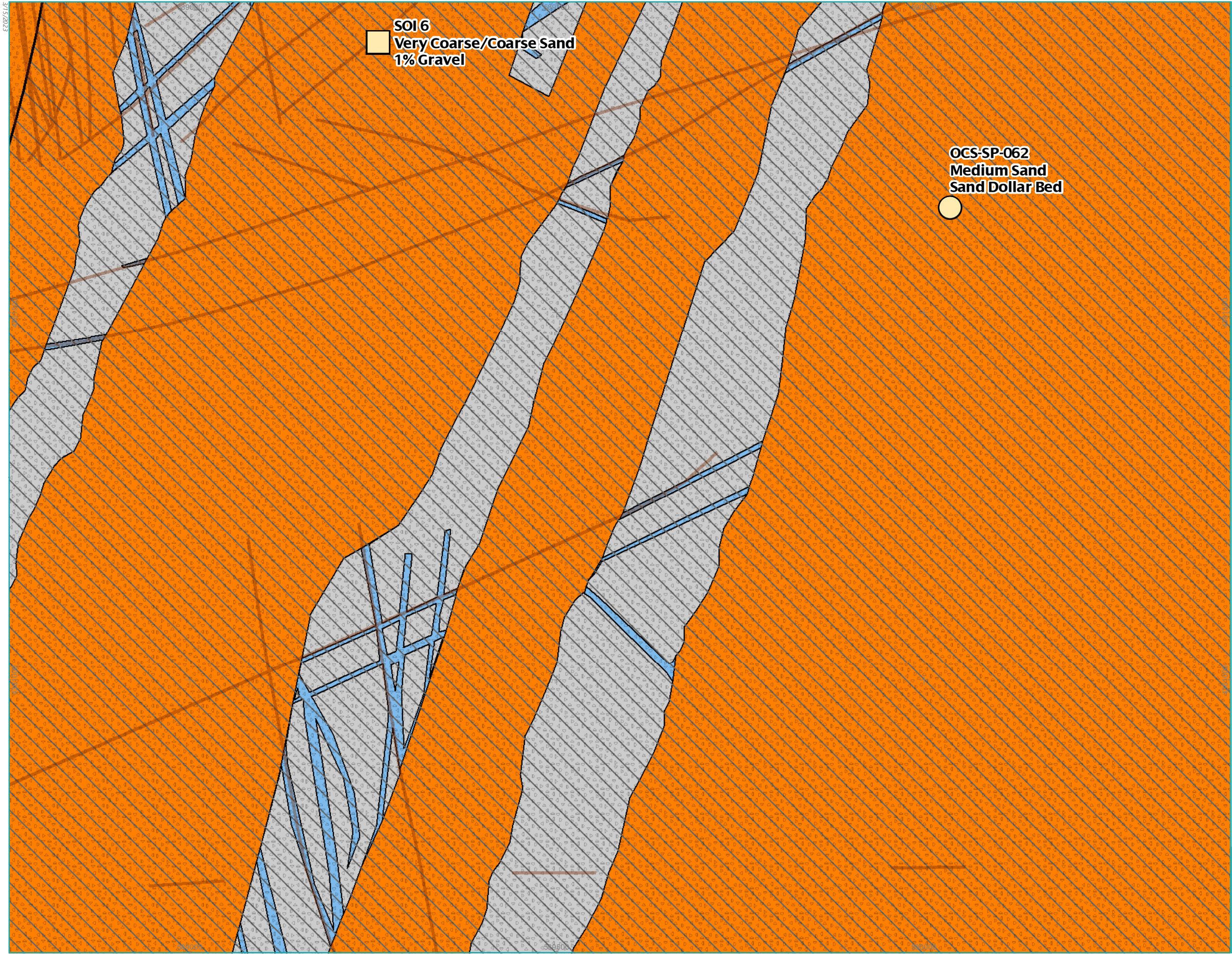
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

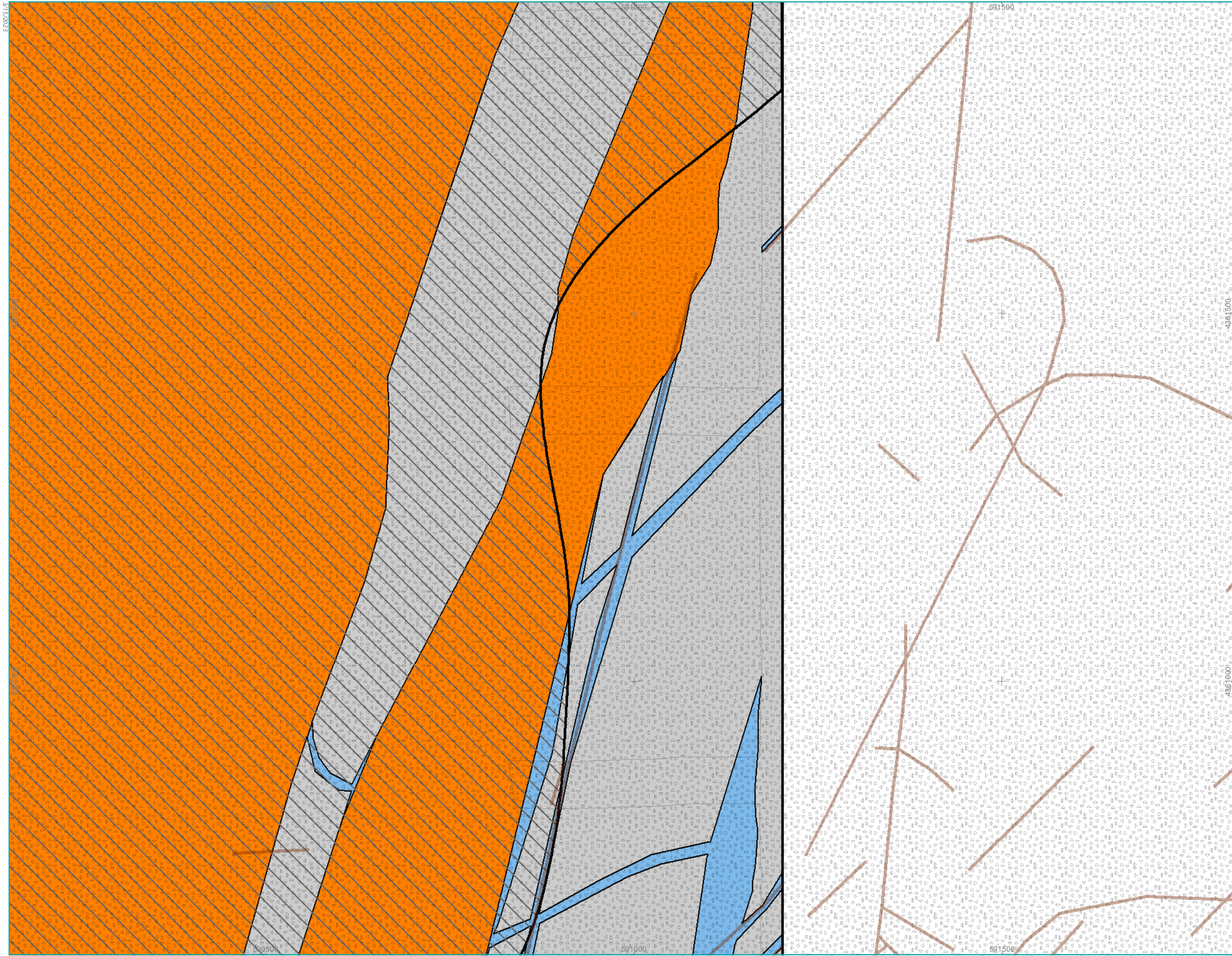
- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

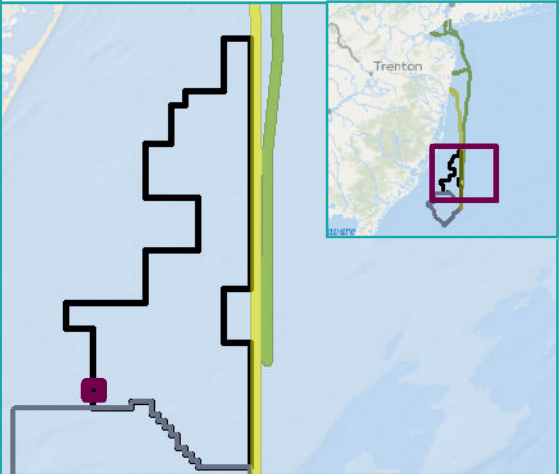
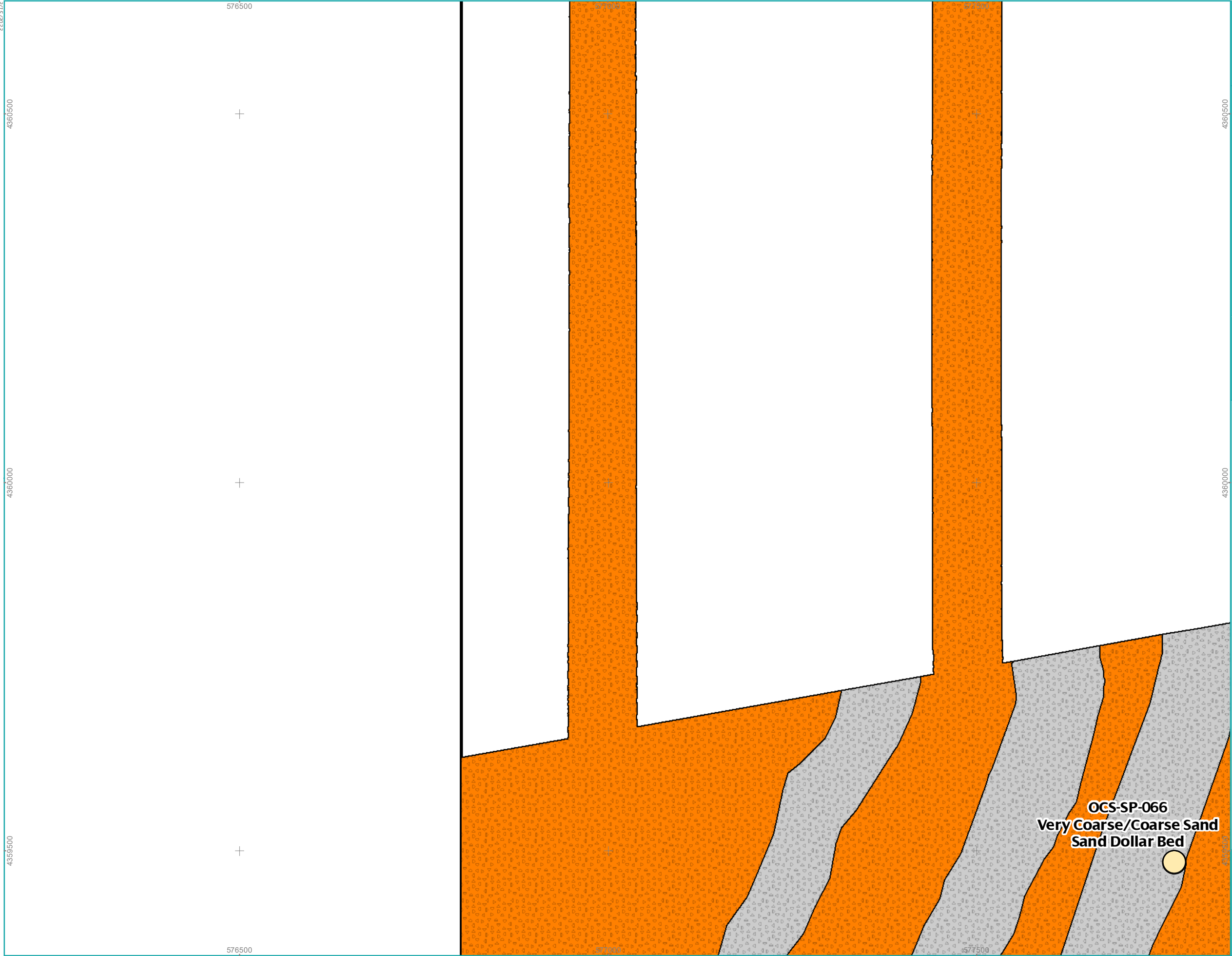
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549
- Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Lease Area OCS-A-0549

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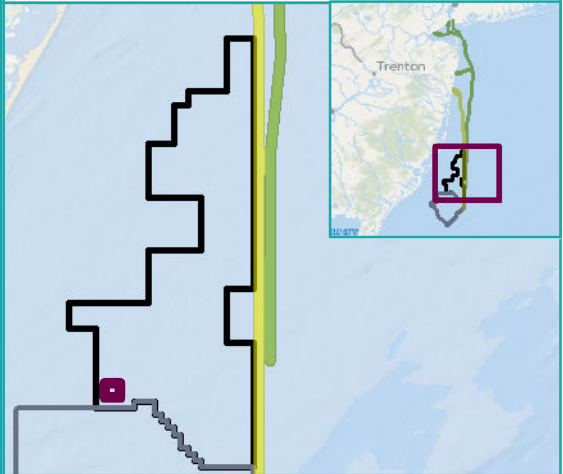
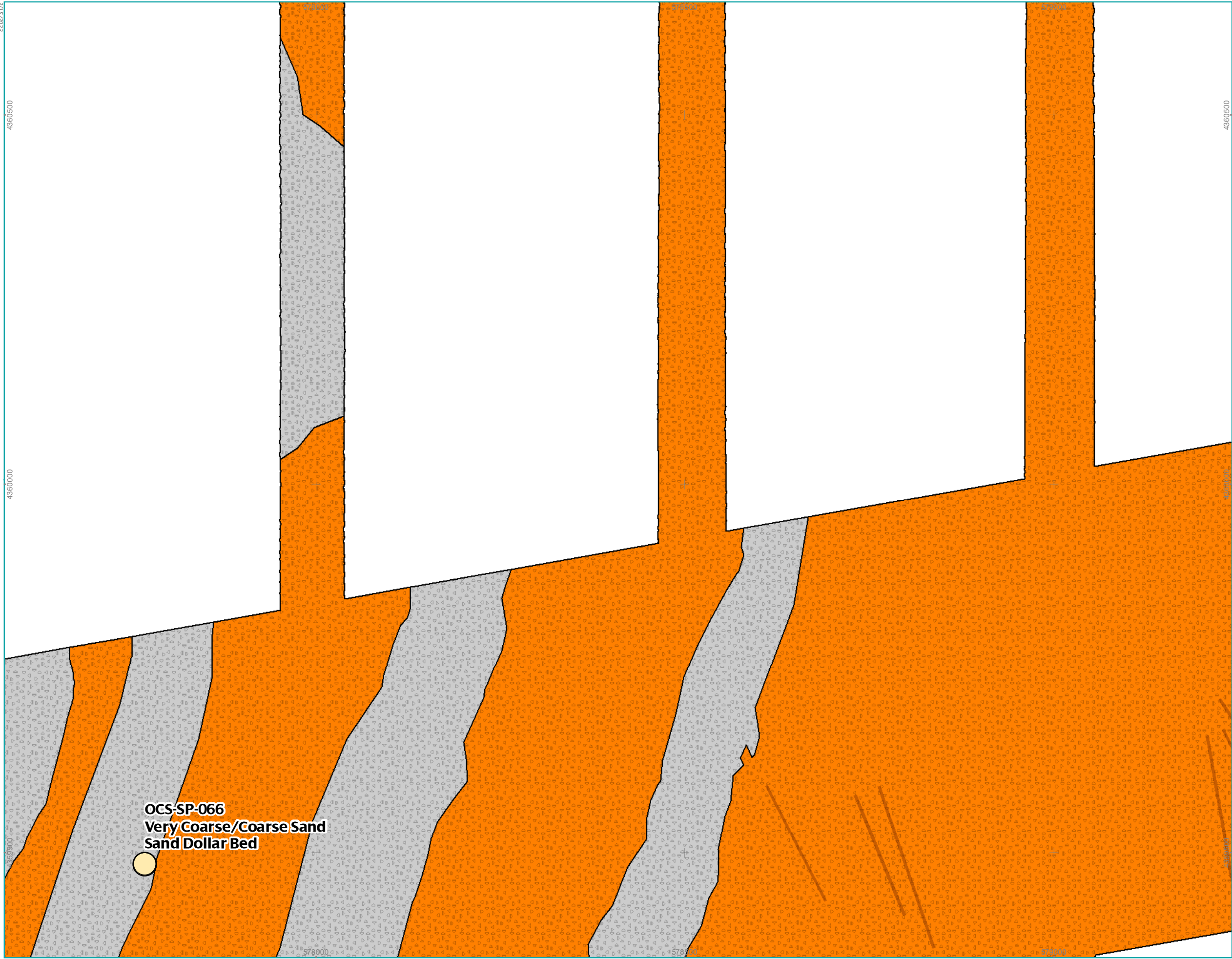


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

OCS-SP-066
Very Coarse/Coarse Sand
Sand Dollar Bed

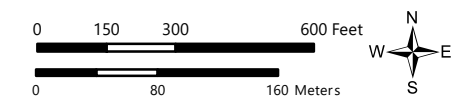
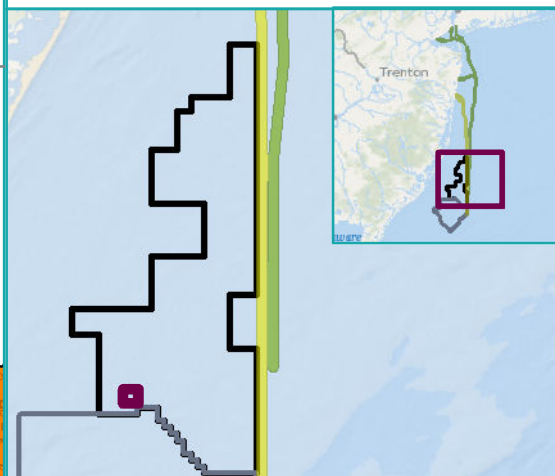
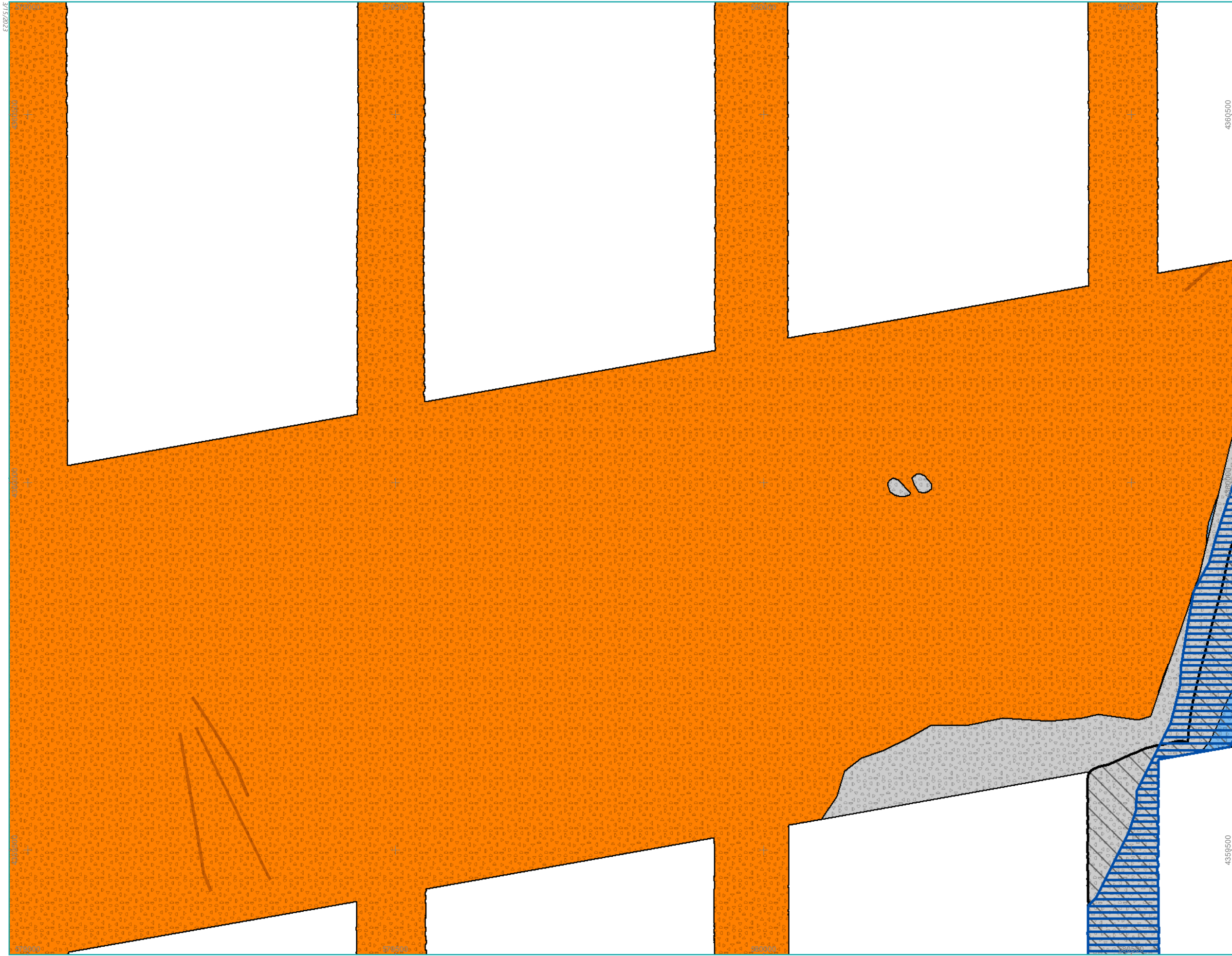


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

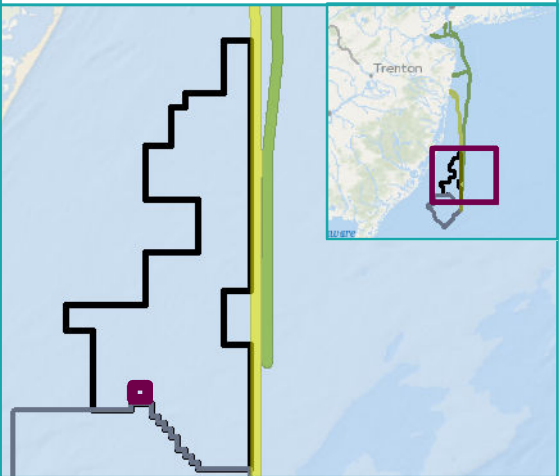
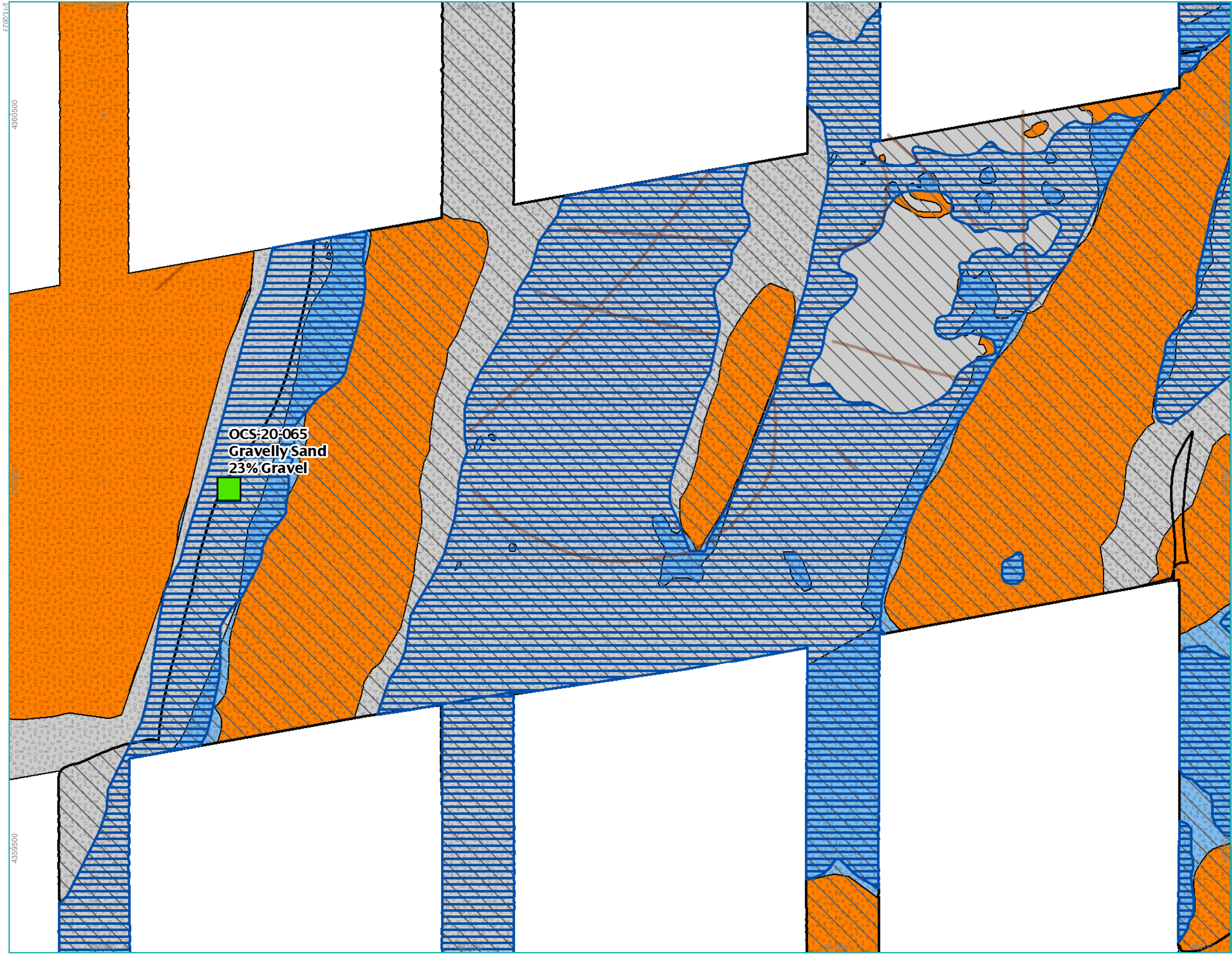
- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

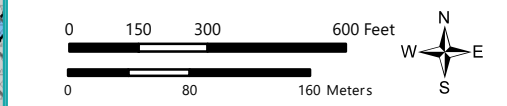
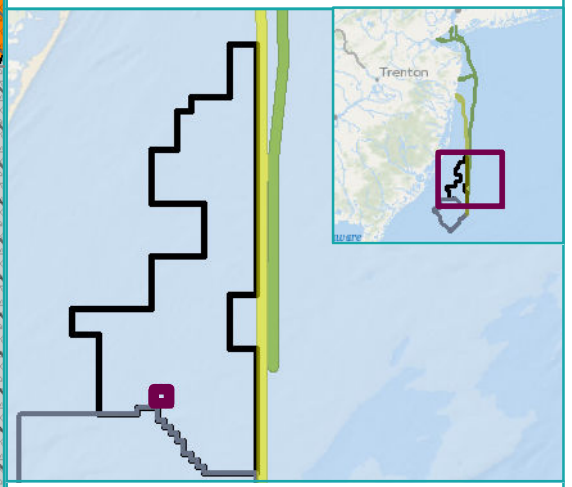
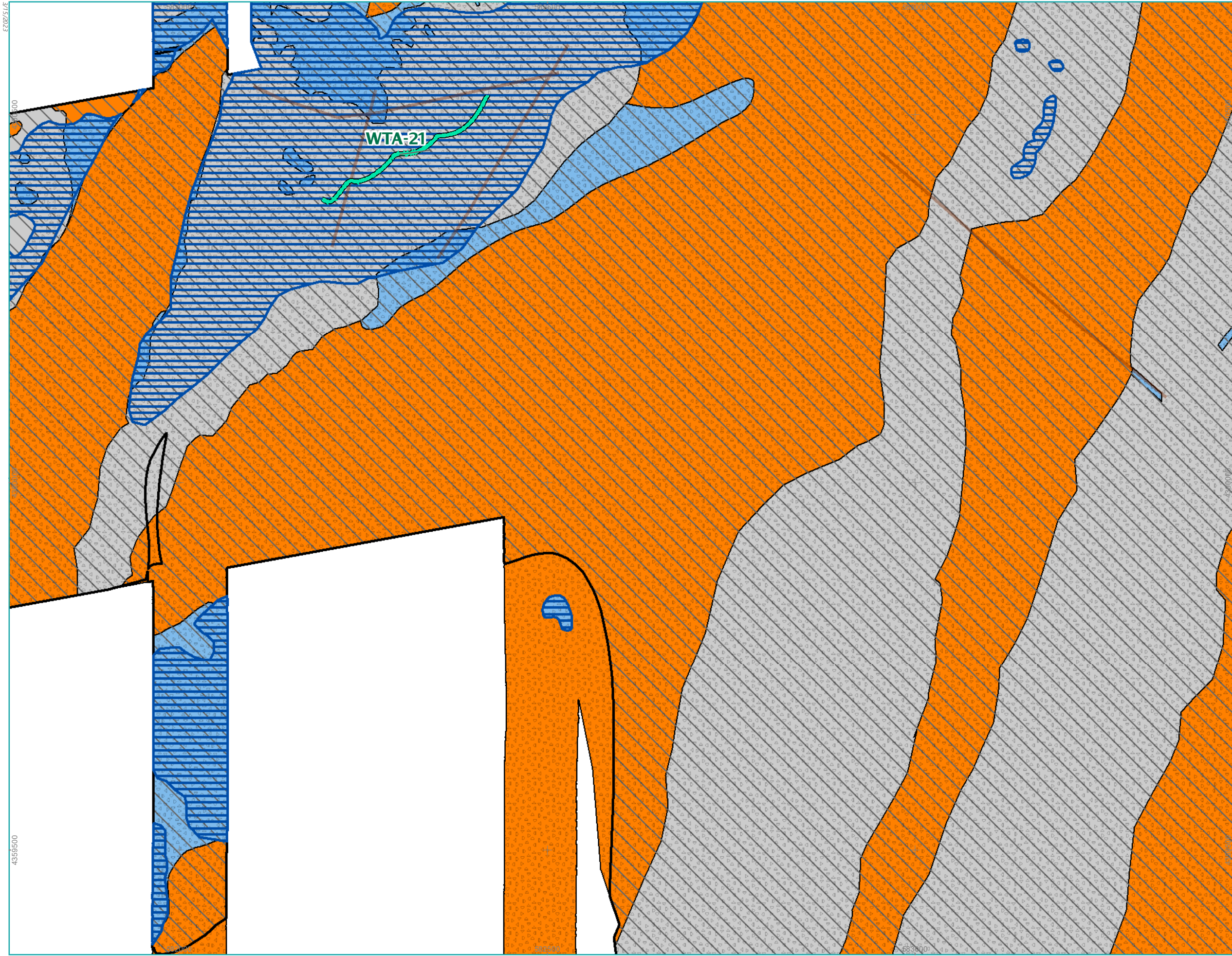
LEGEND

- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/7/2023

4359500

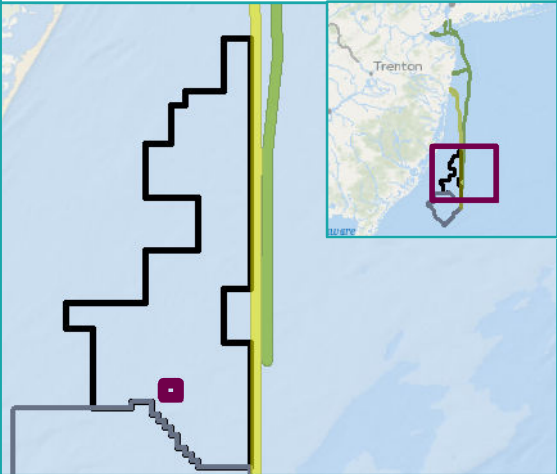
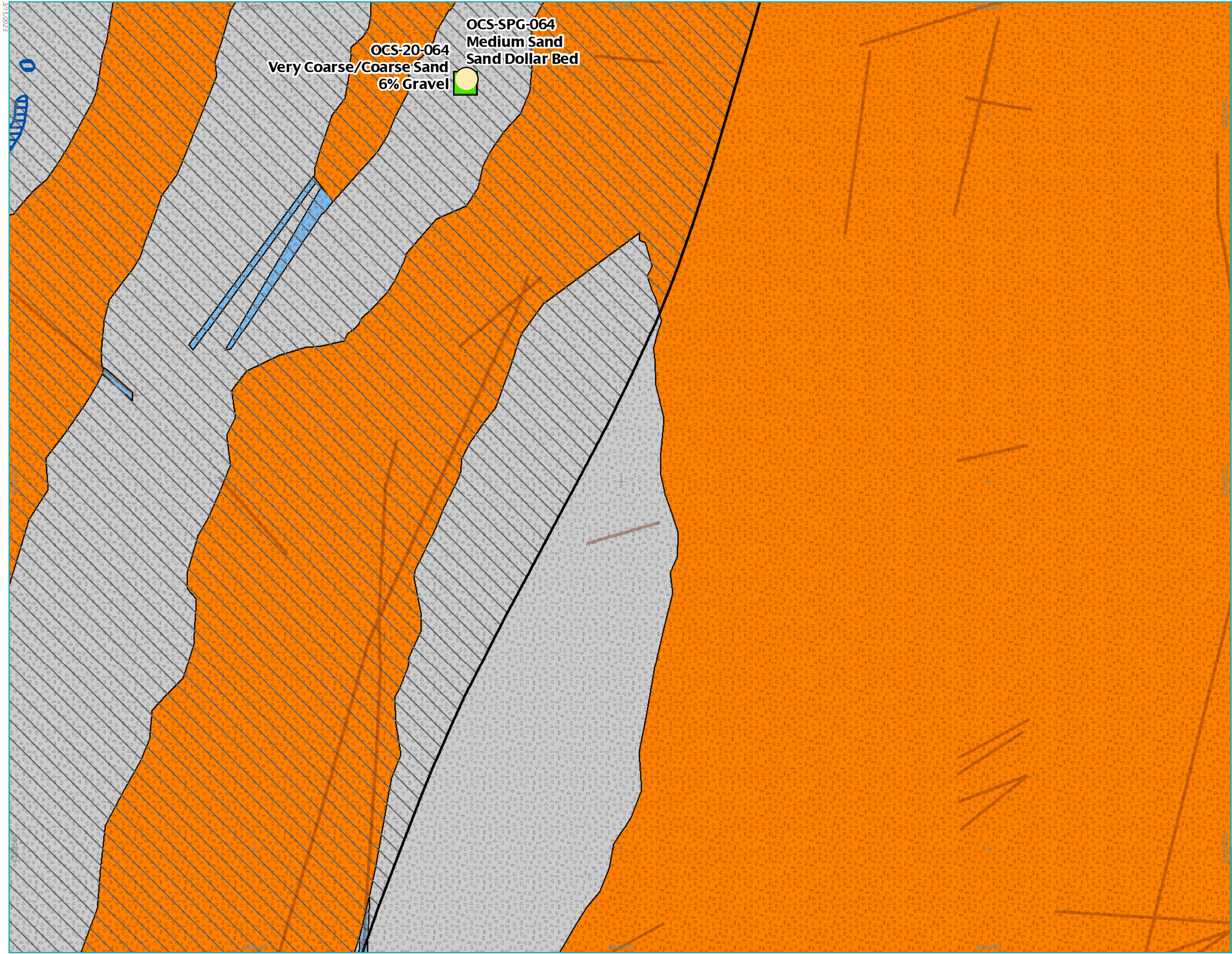
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/17/2023



LEGEND

- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

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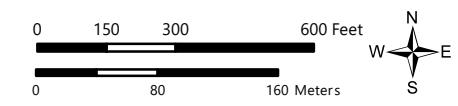
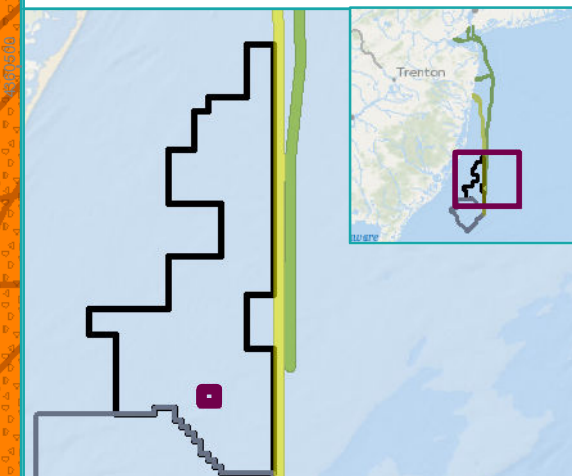
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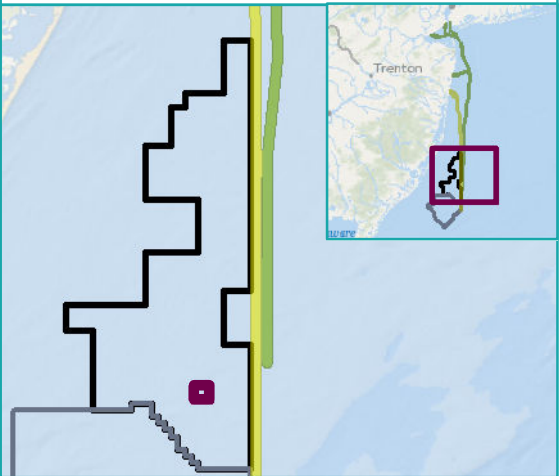
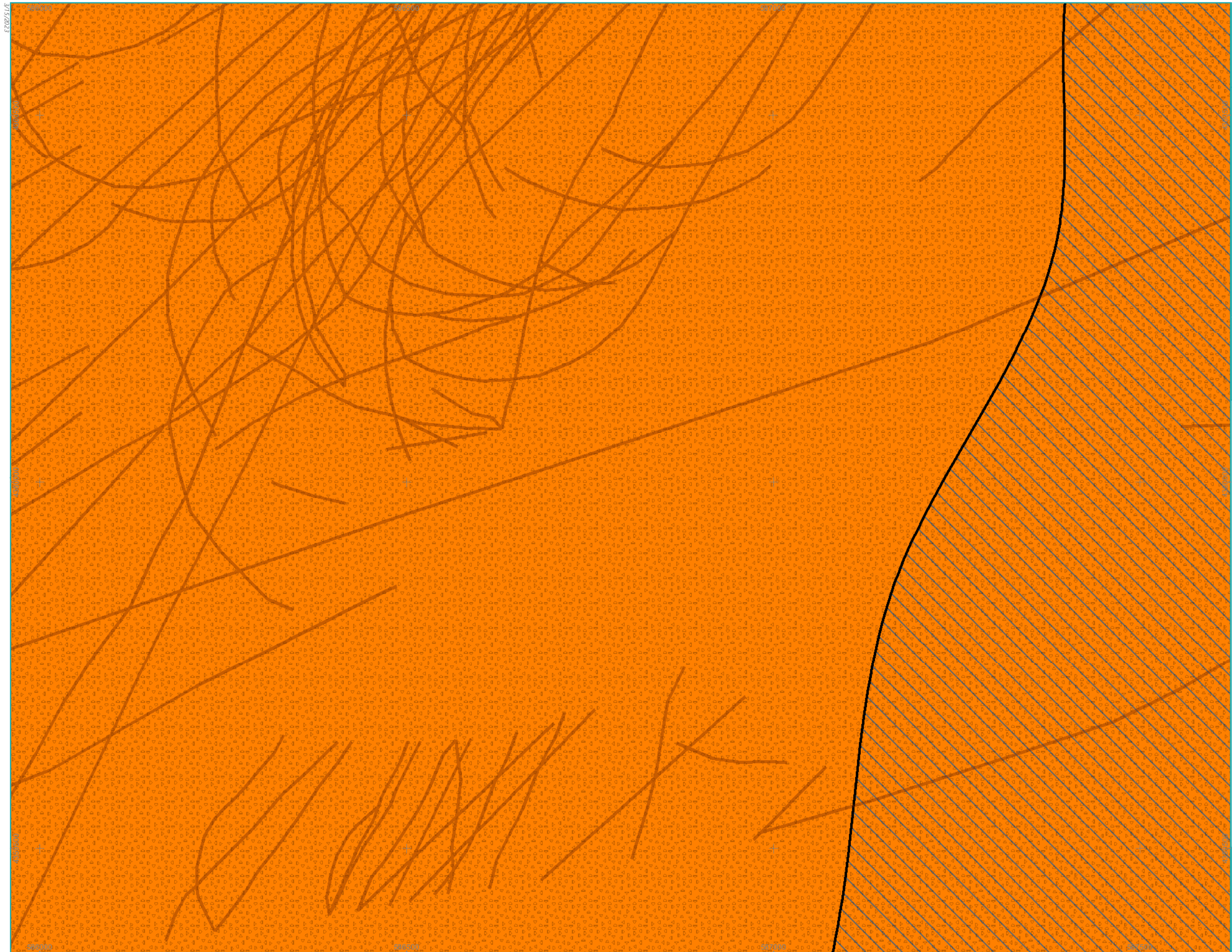
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

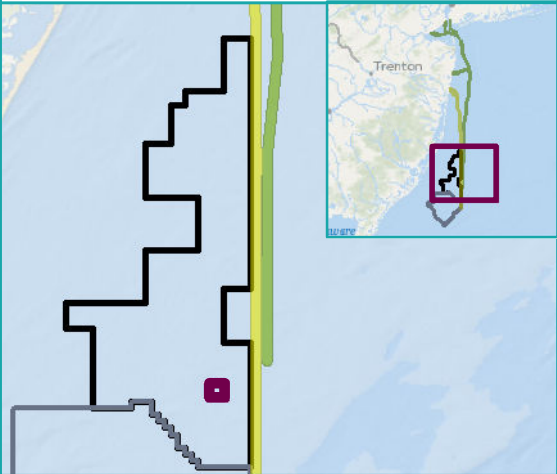
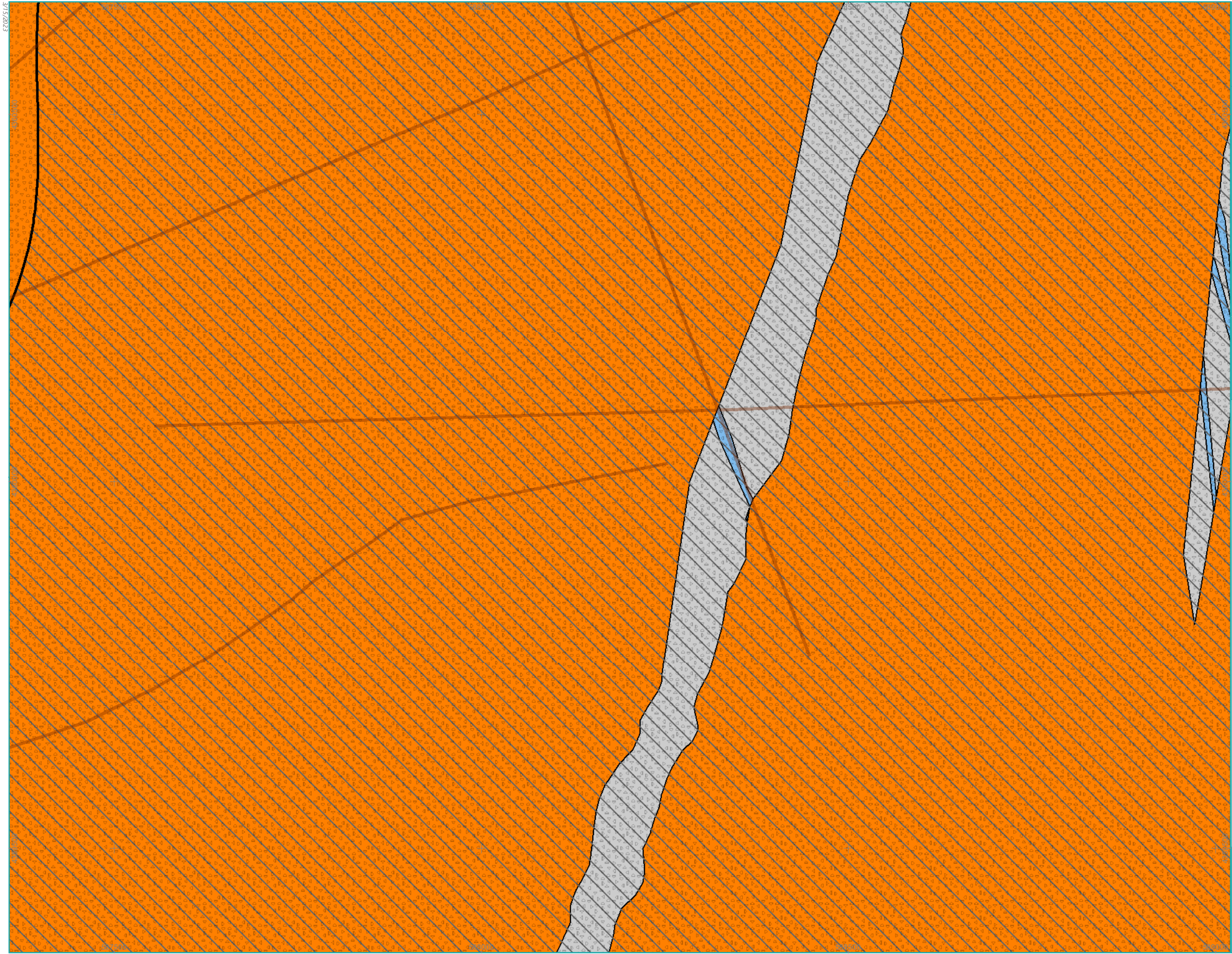
LEGEND

-  Seabed Scar
 Ripple
 Sand Wave
 Soft Bottom Habitat
 Lease Area OCS-A-0549

Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
Slide 174 of 211

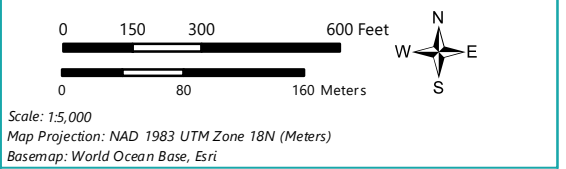
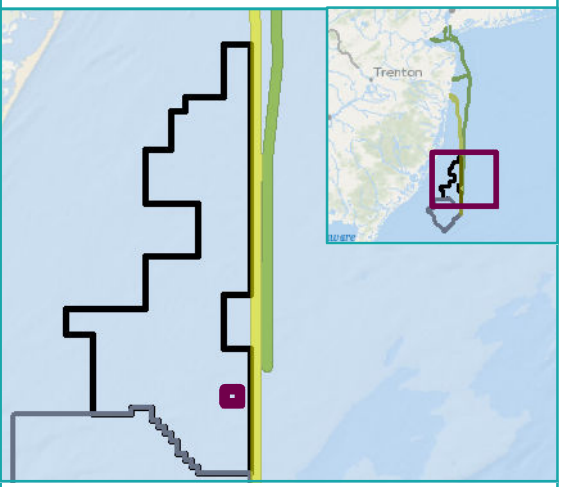
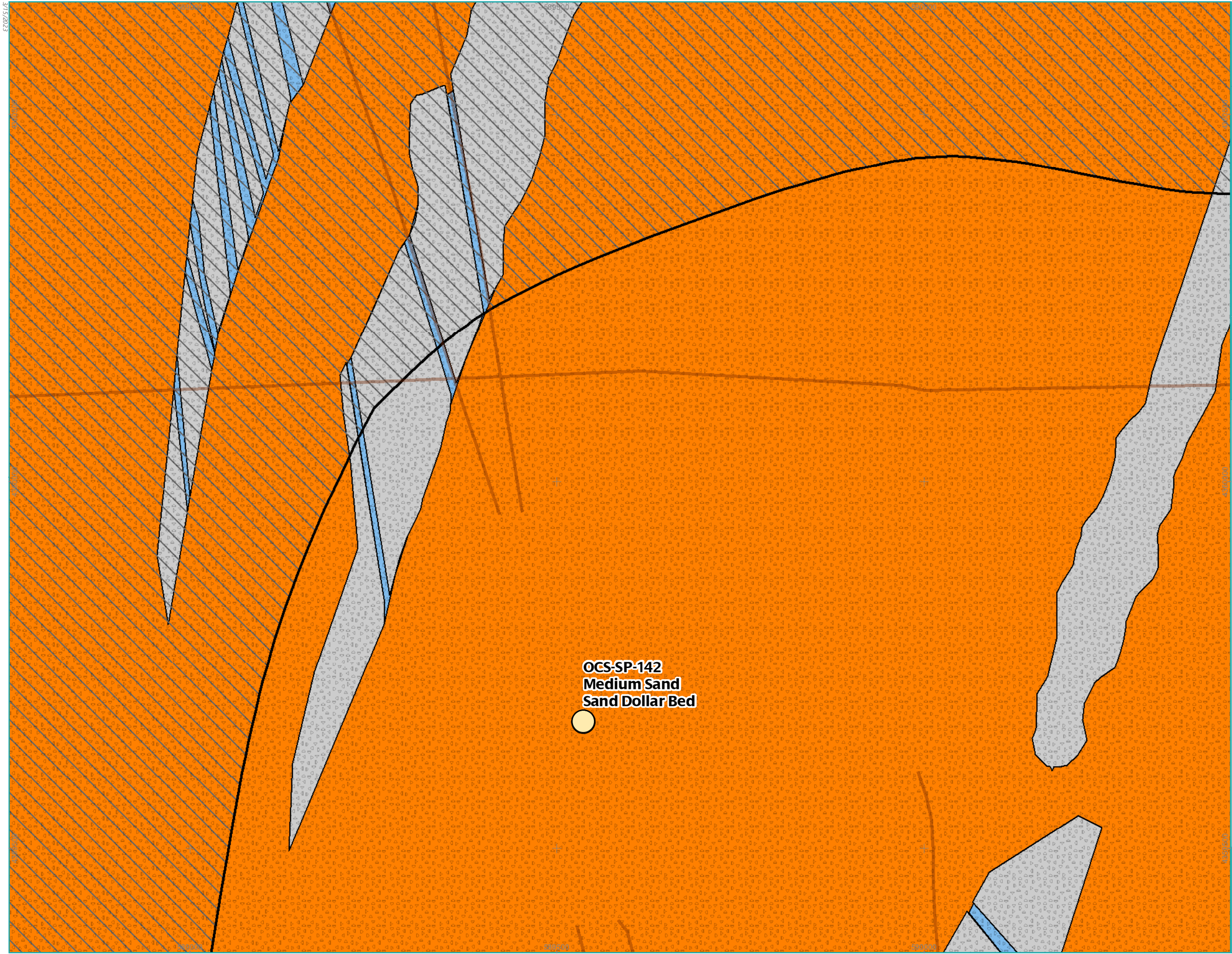
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

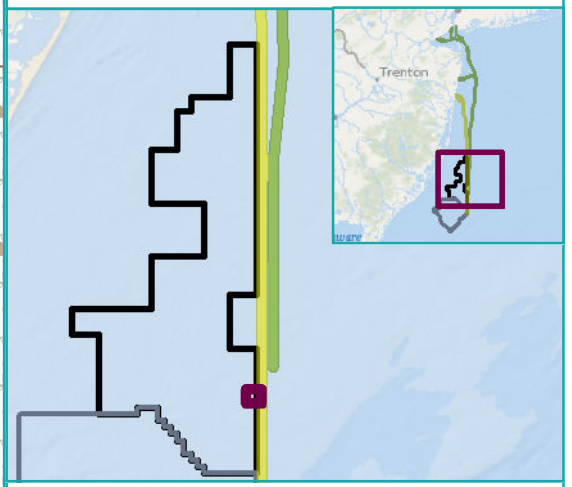
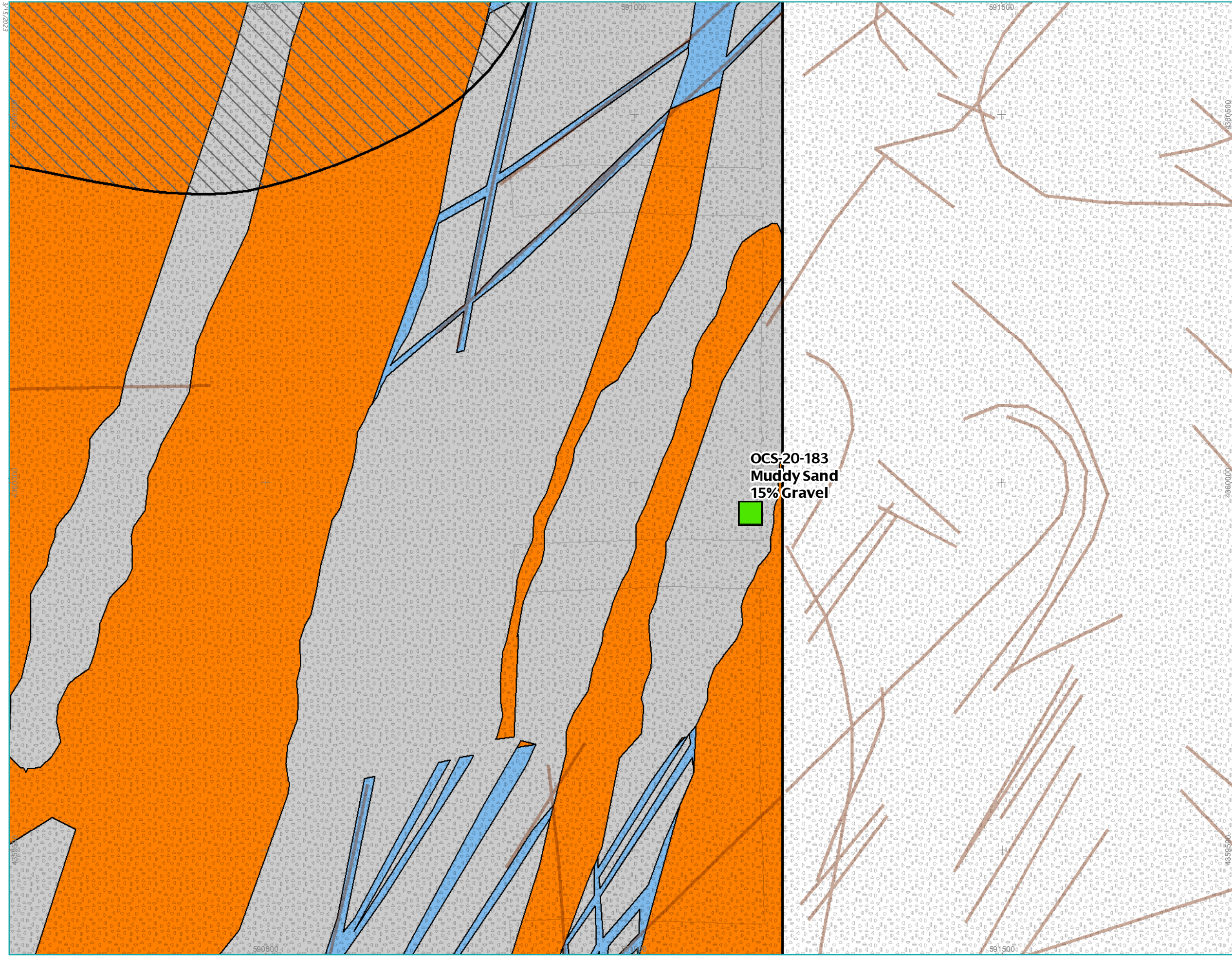
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

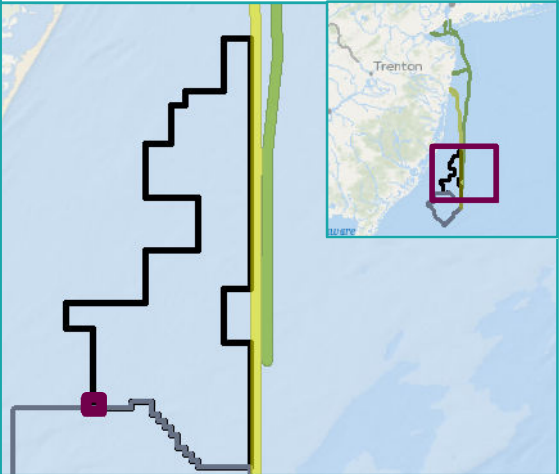
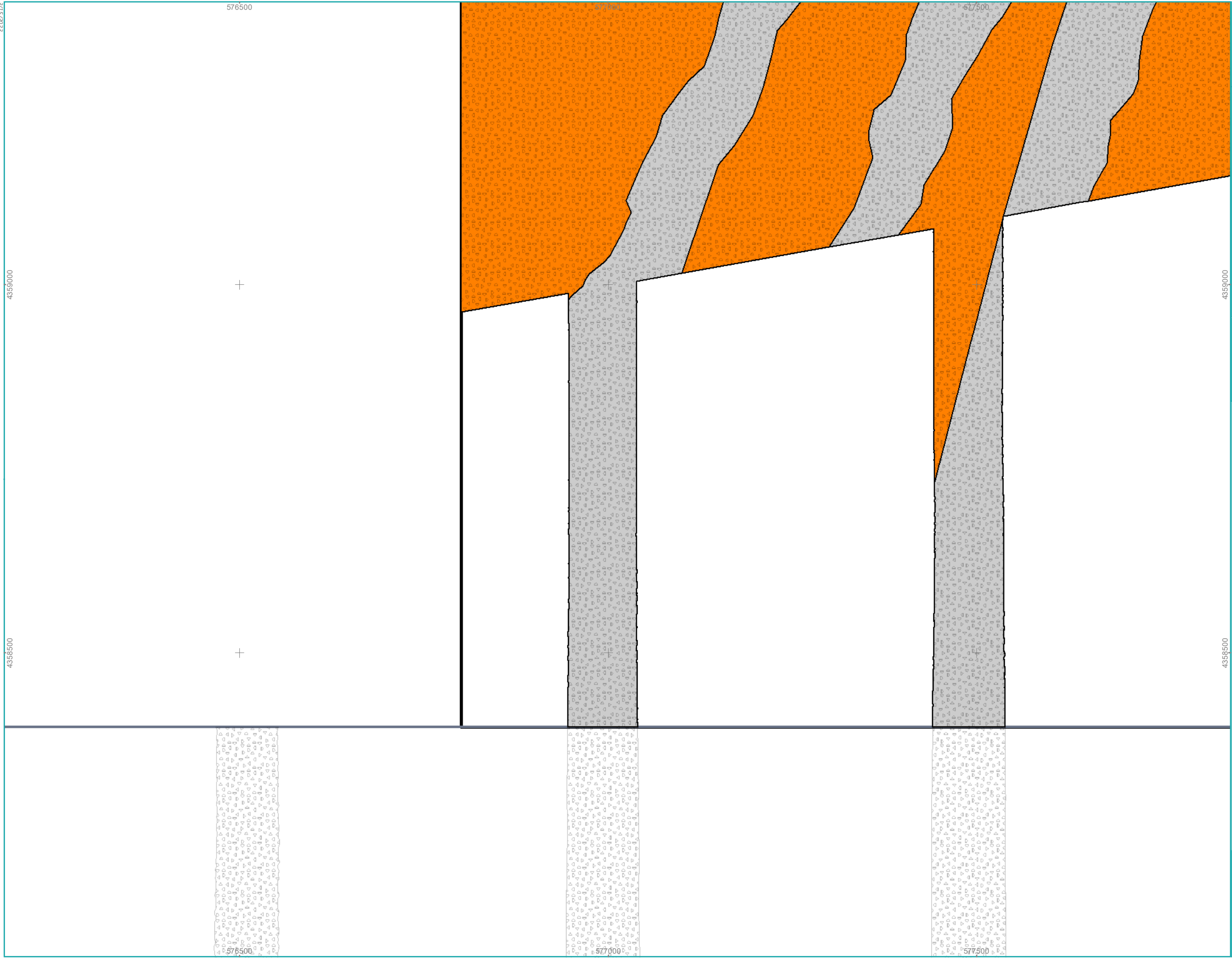
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



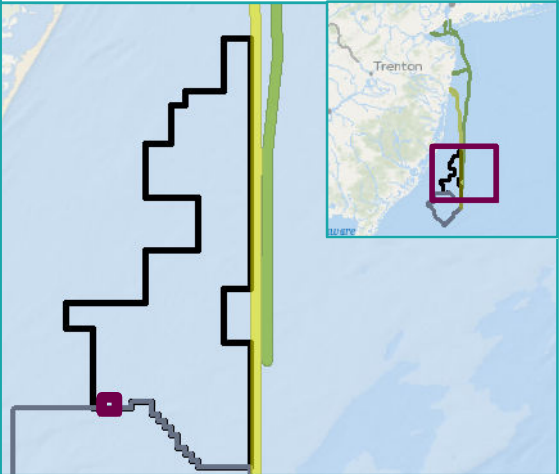
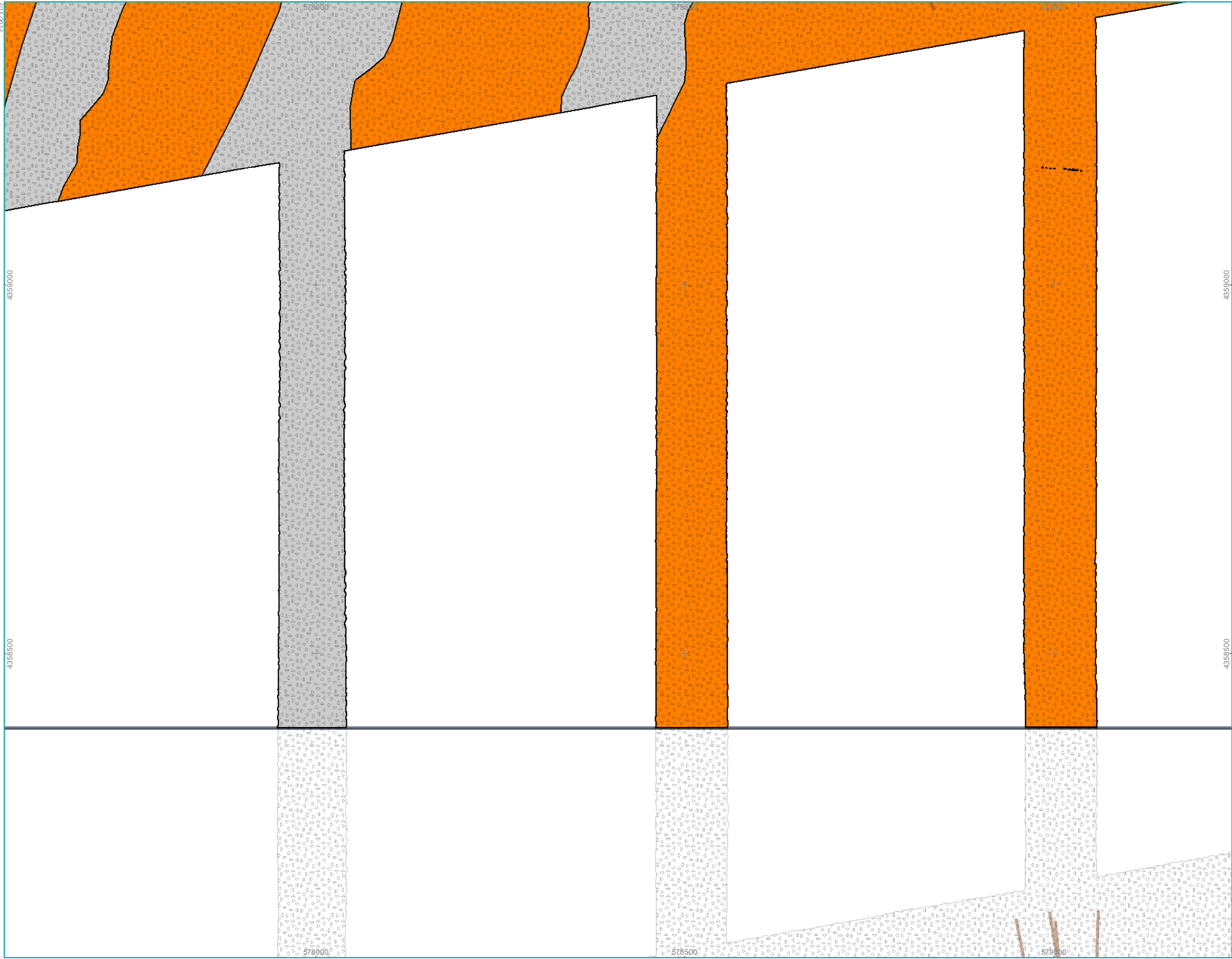
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

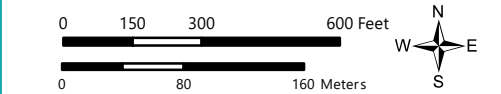
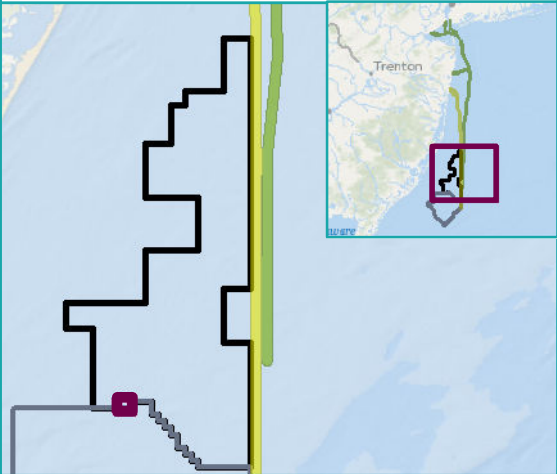
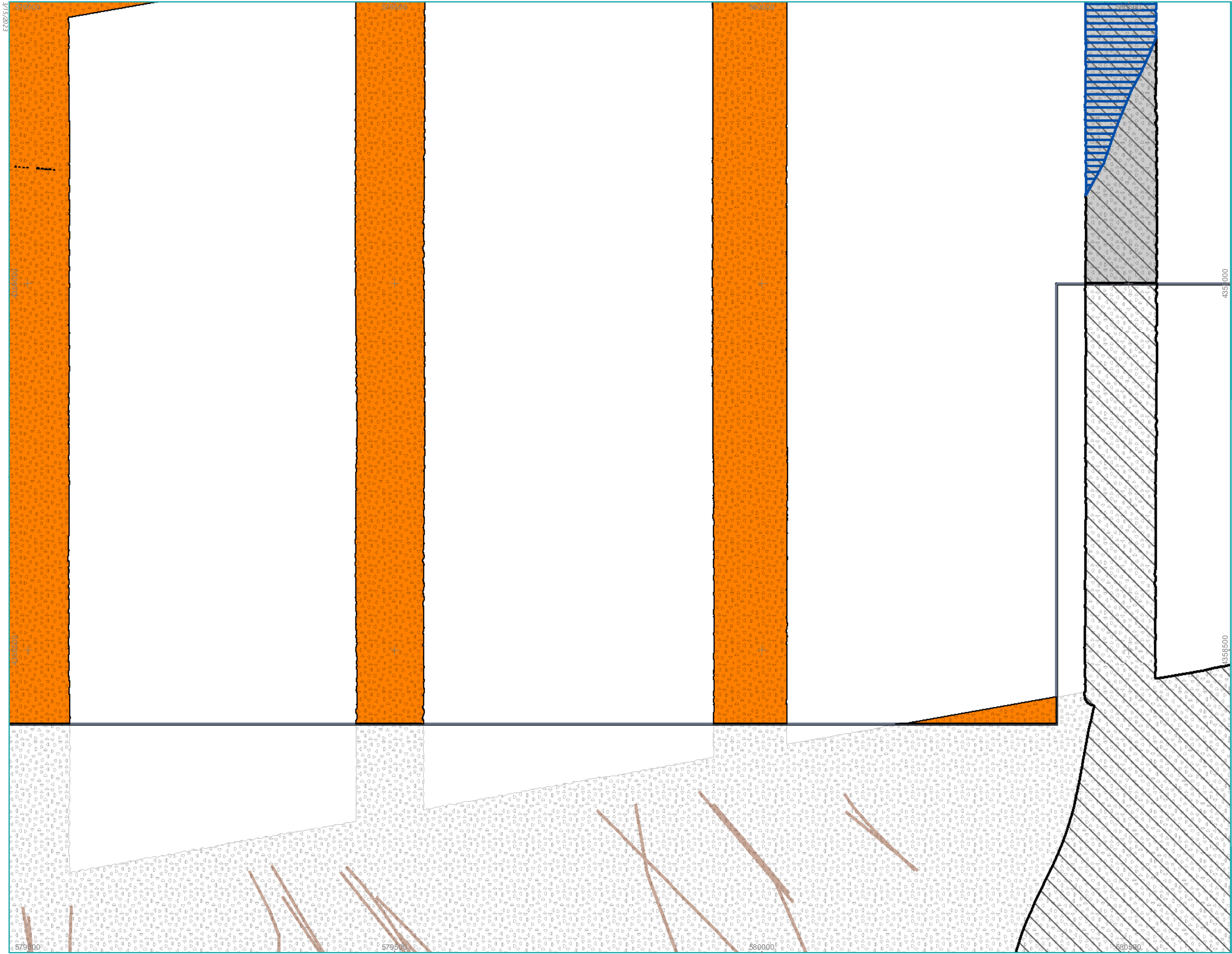
- LEGEND**
- Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

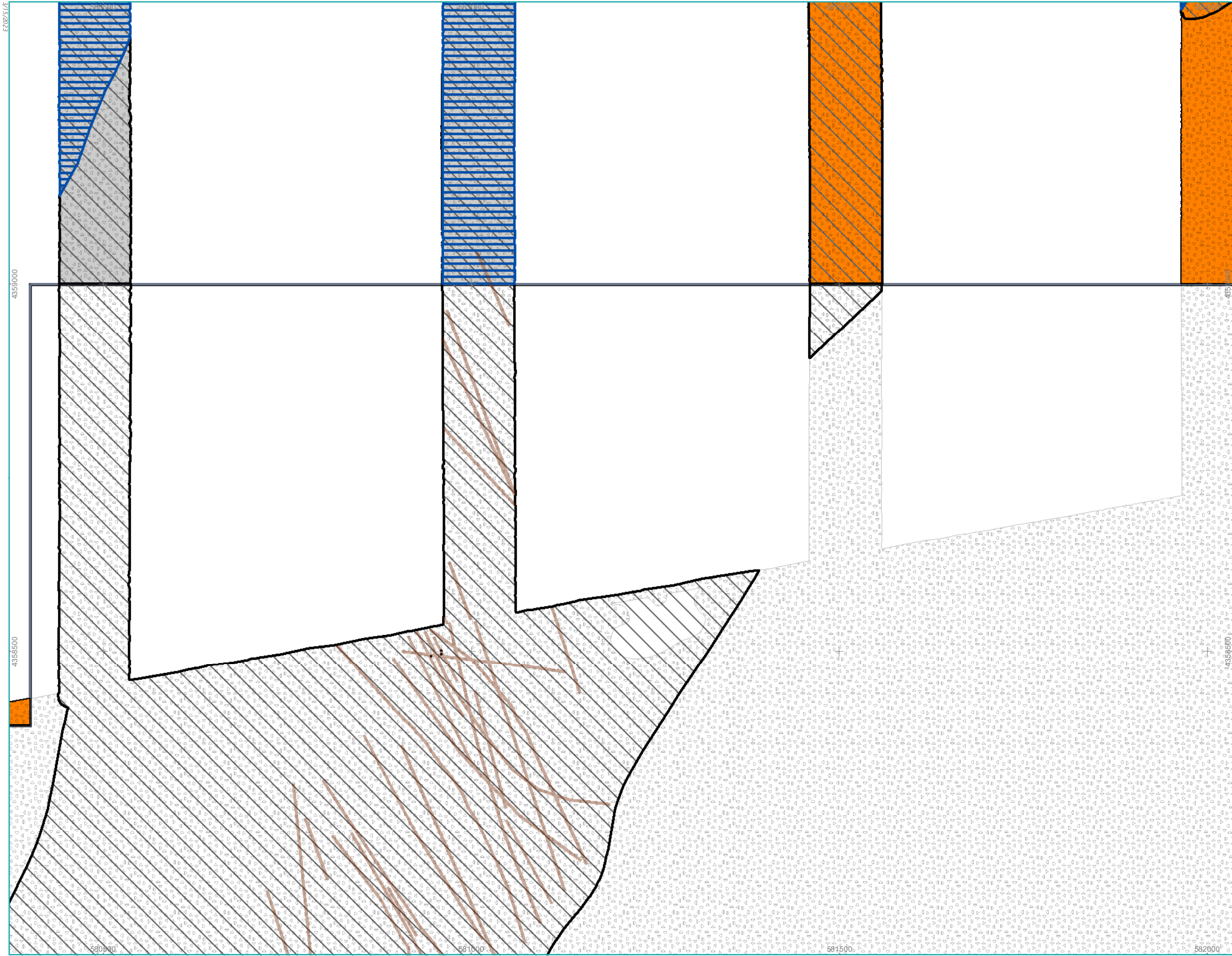
LEGEND

- Seabed Scar
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549



3/15/2023

4359500

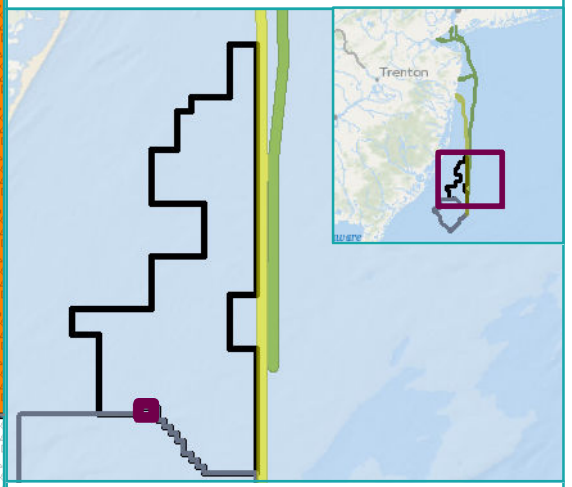
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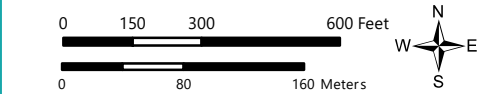
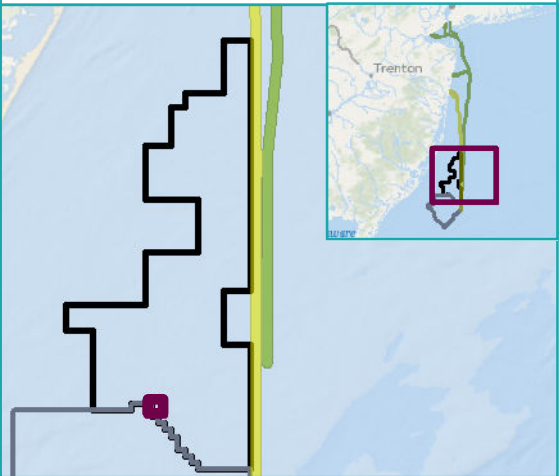
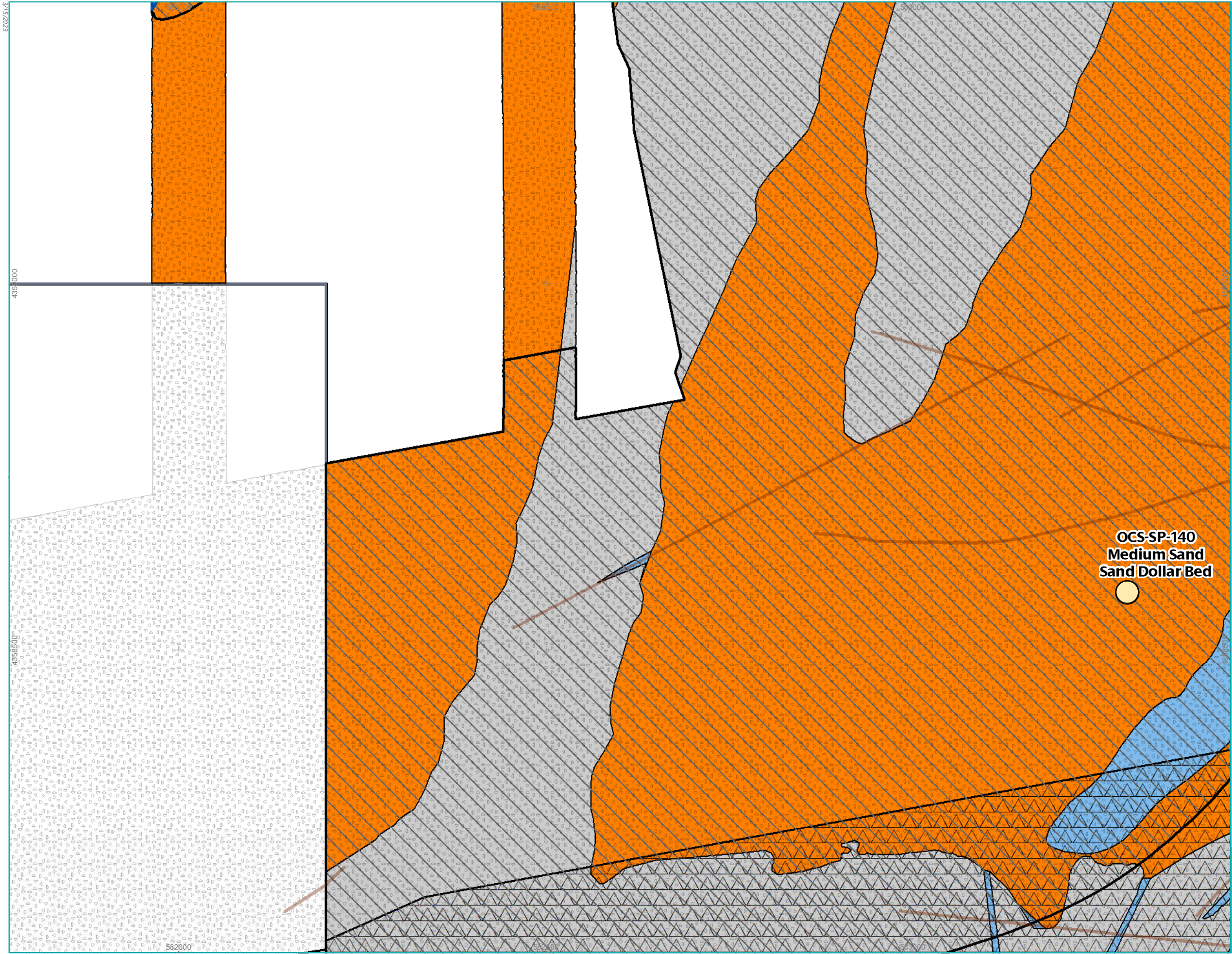
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549

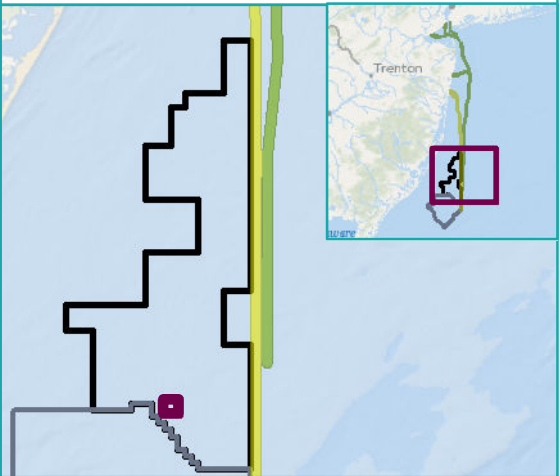
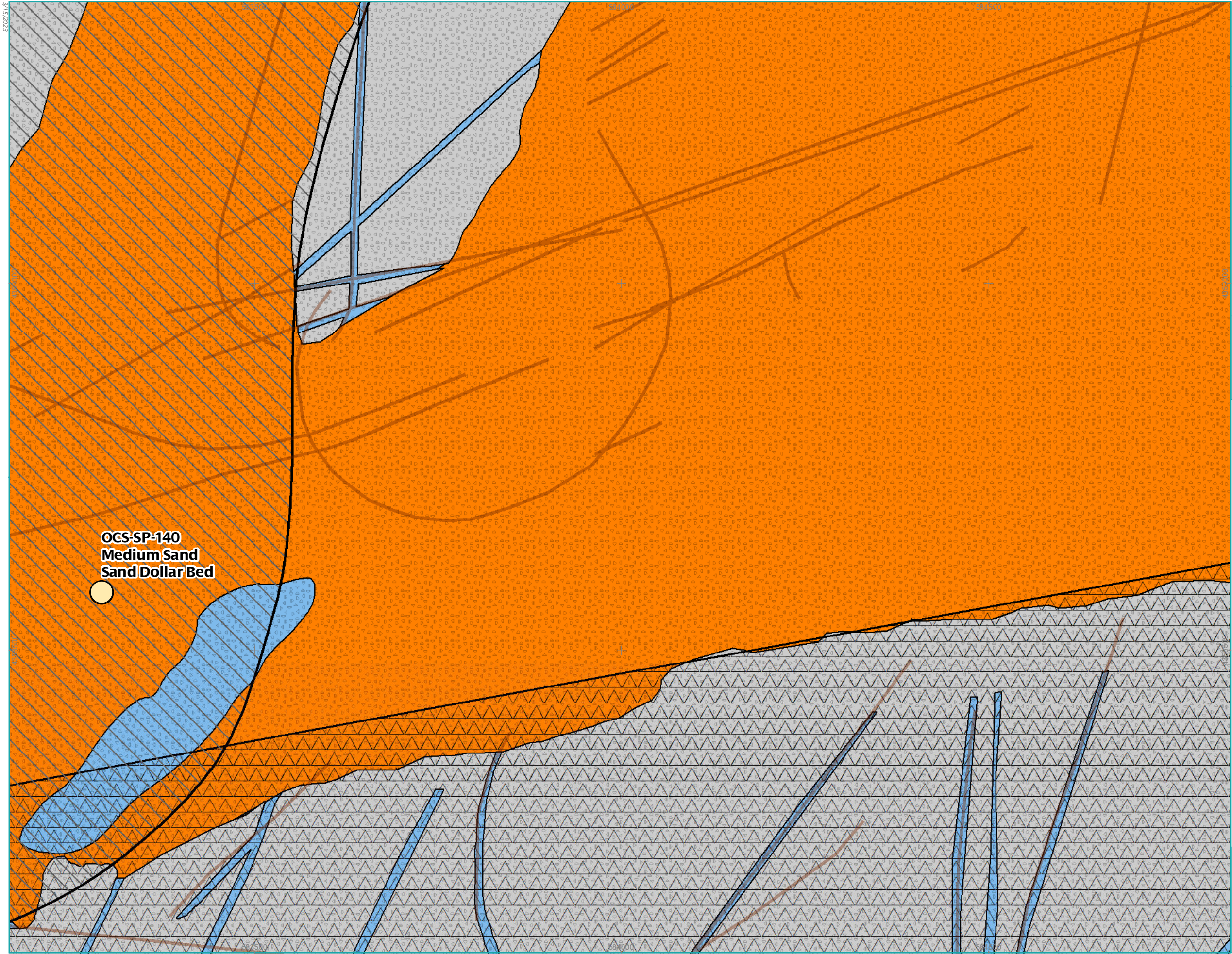


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549

3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

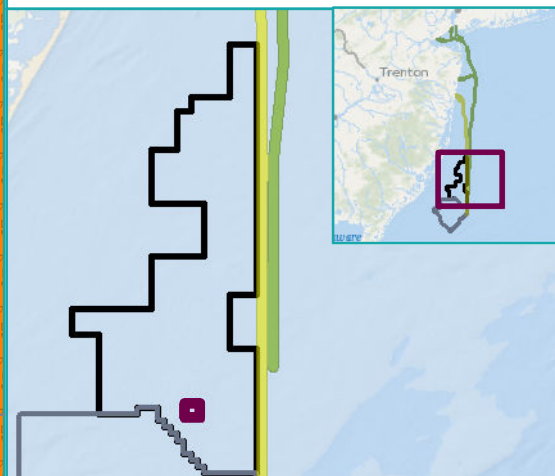
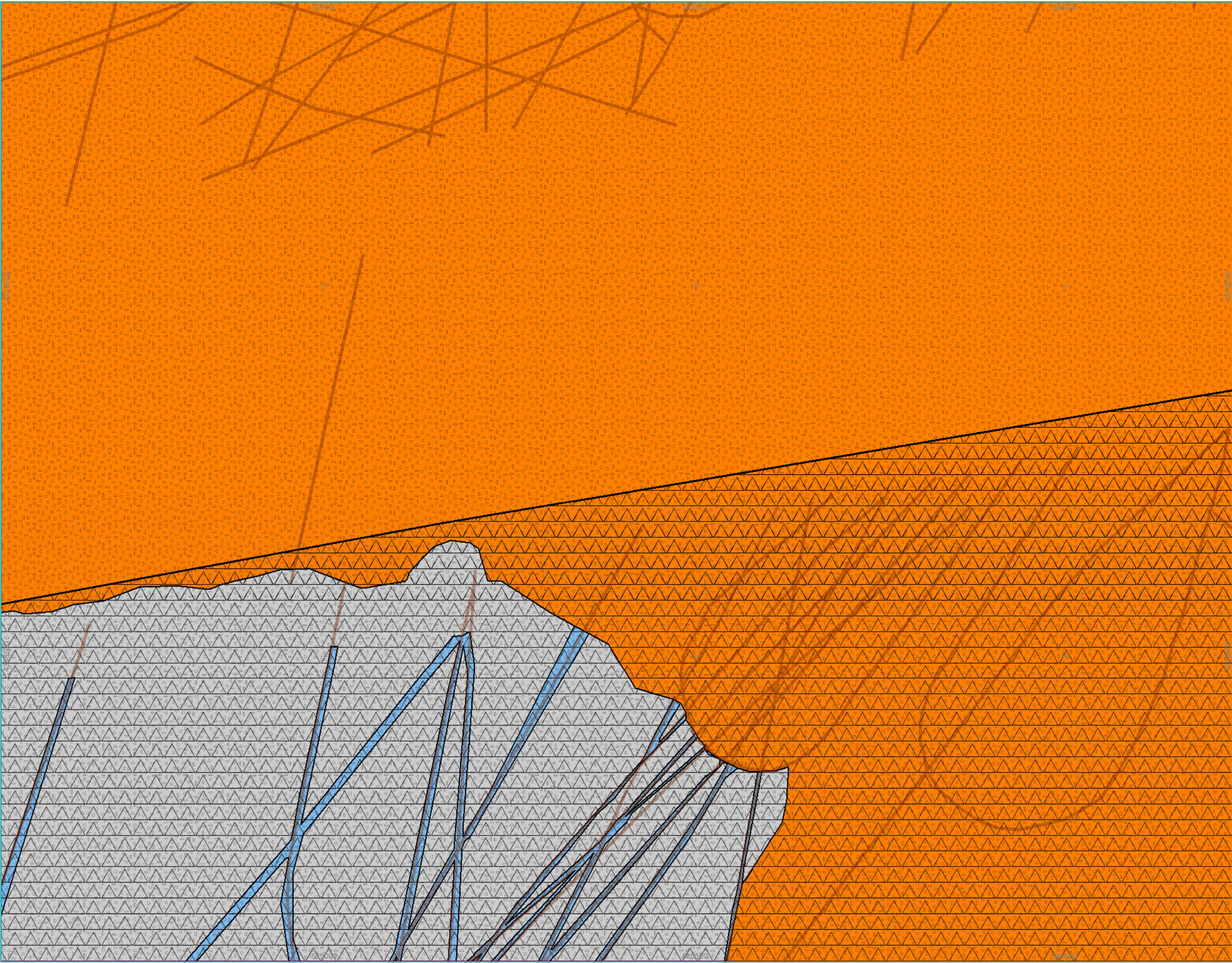
- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

401413

401413

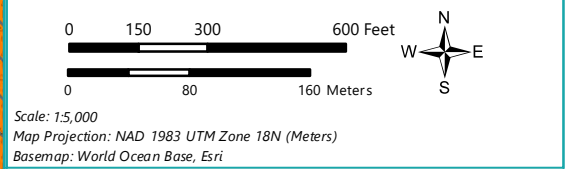
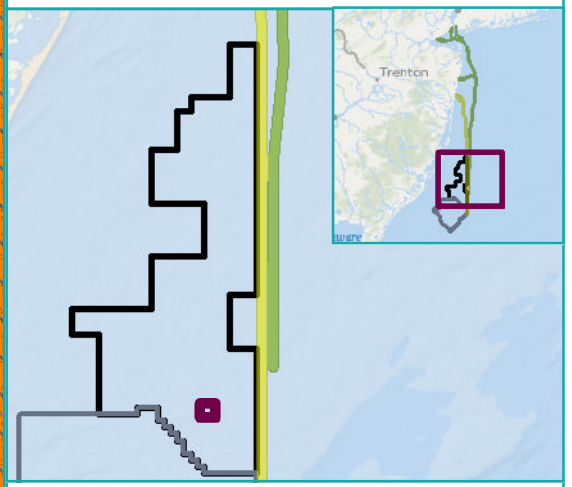
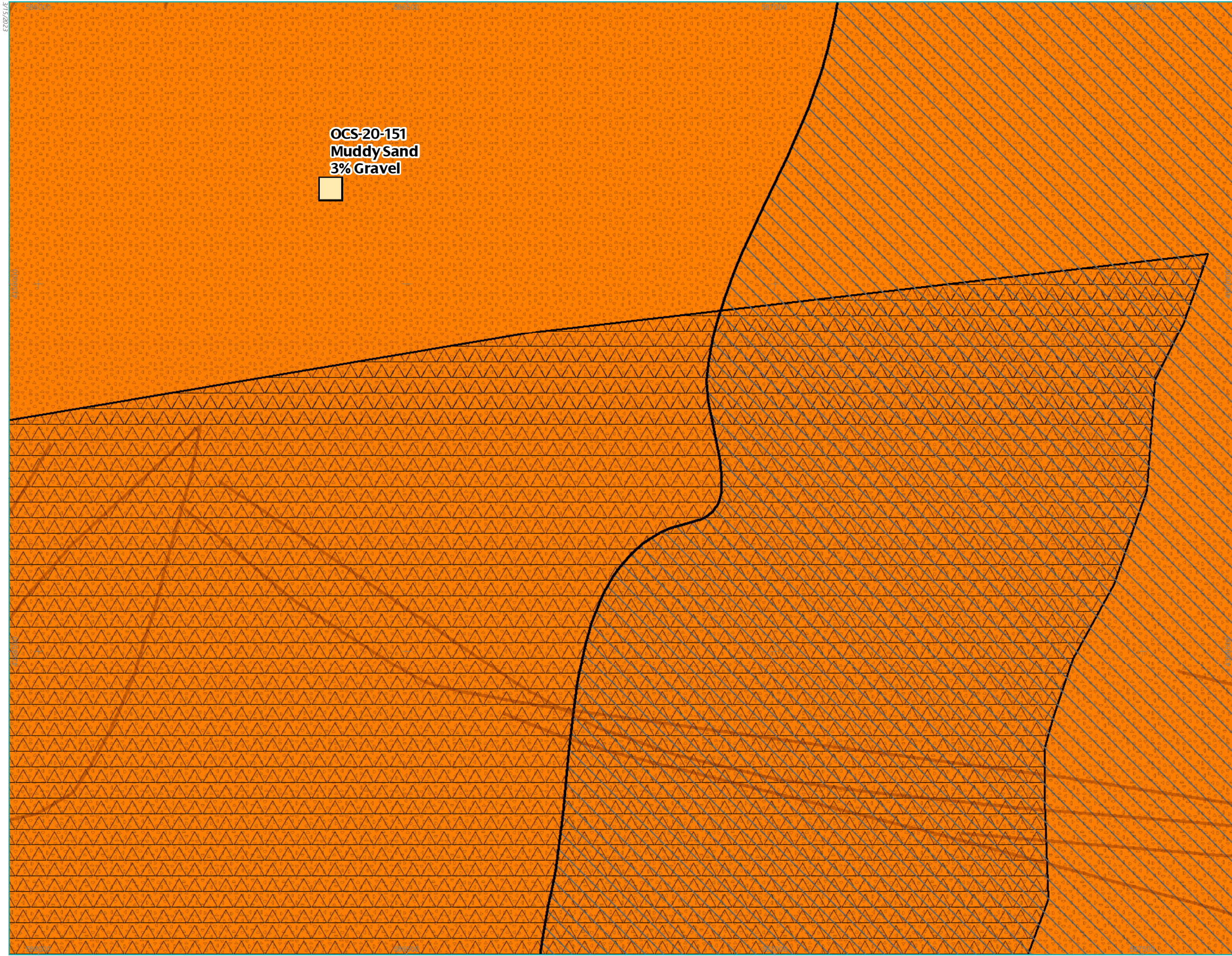
401413



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

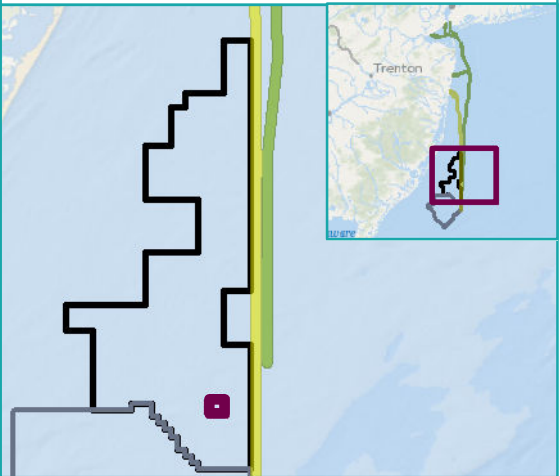
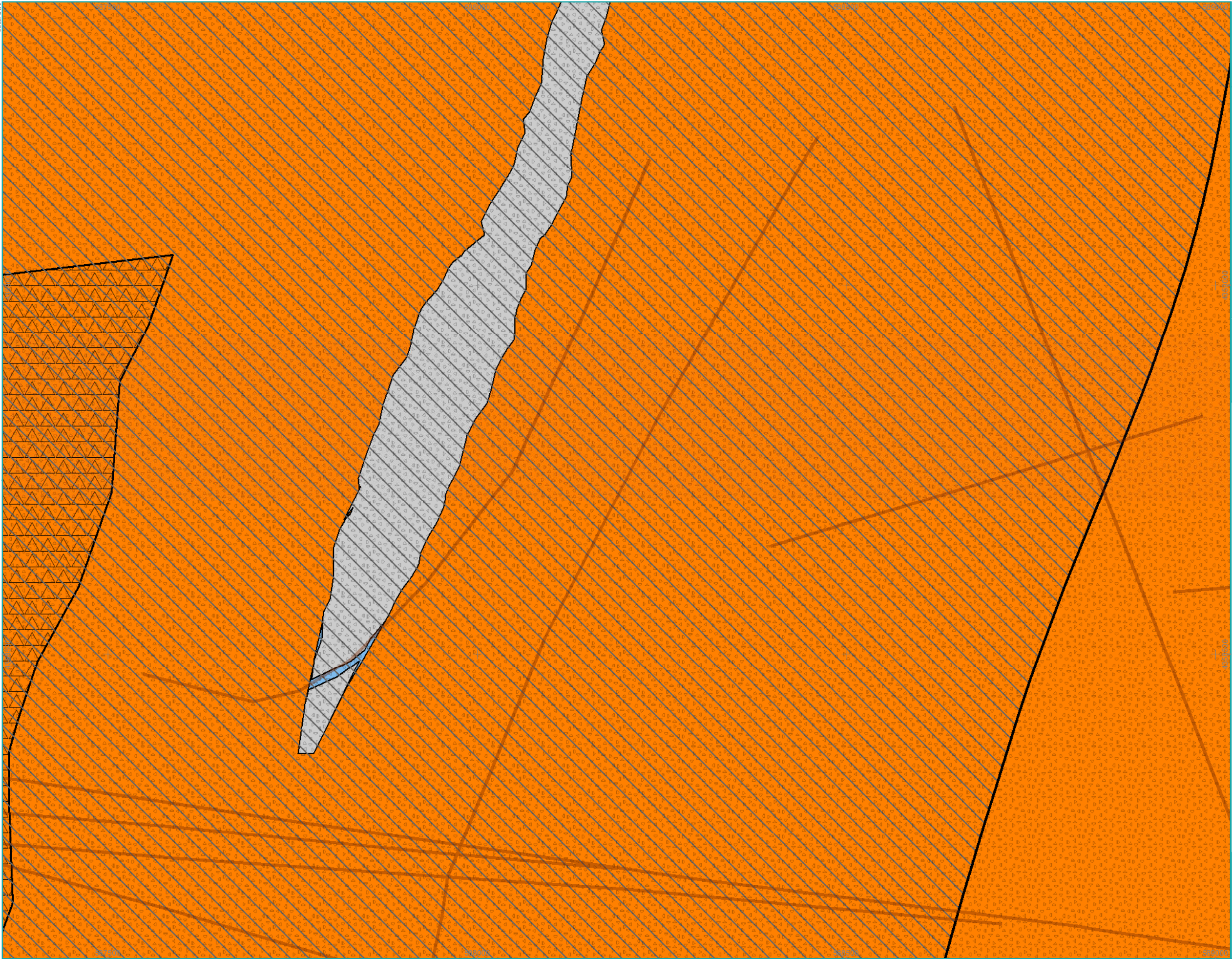
3/15/2023



LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023

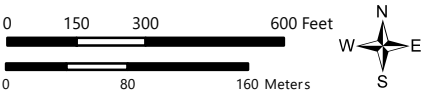
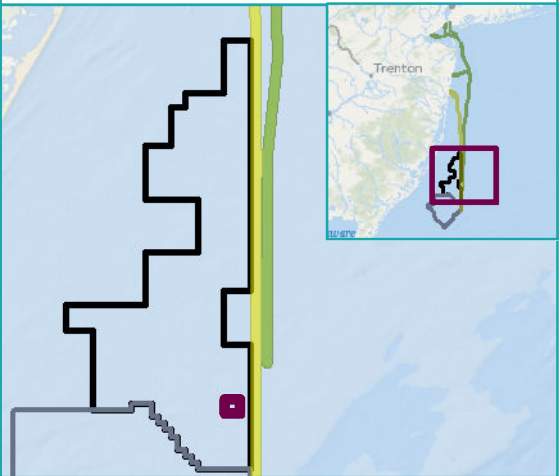
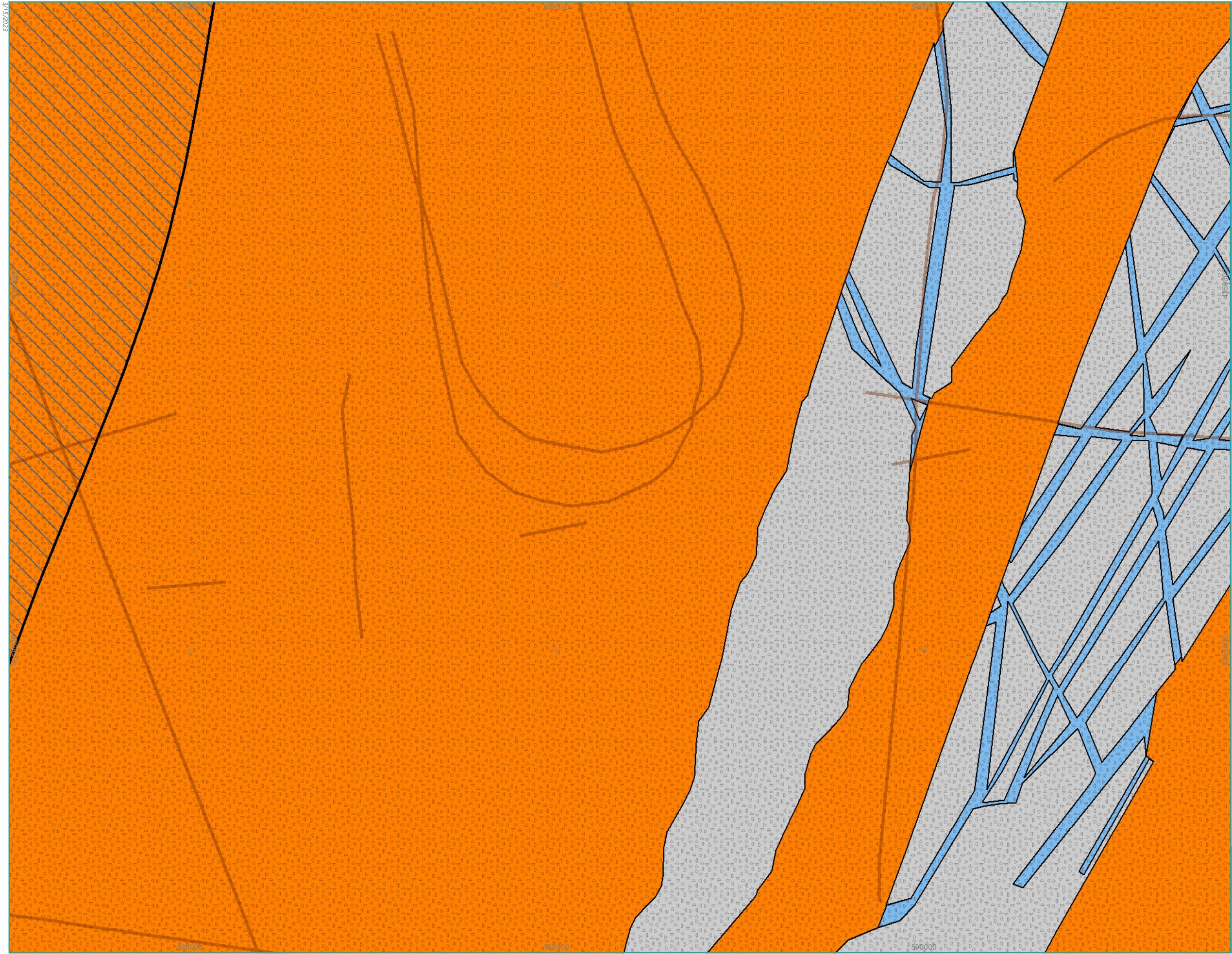


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

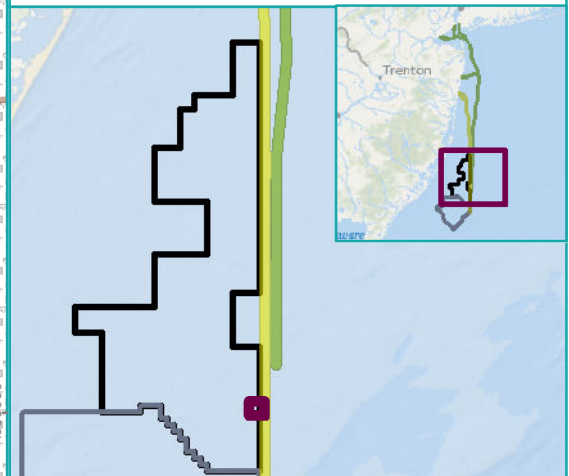
- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



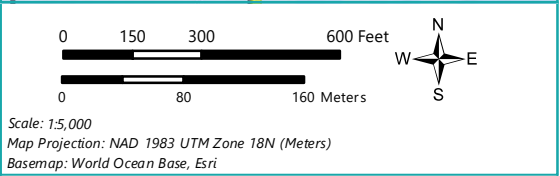
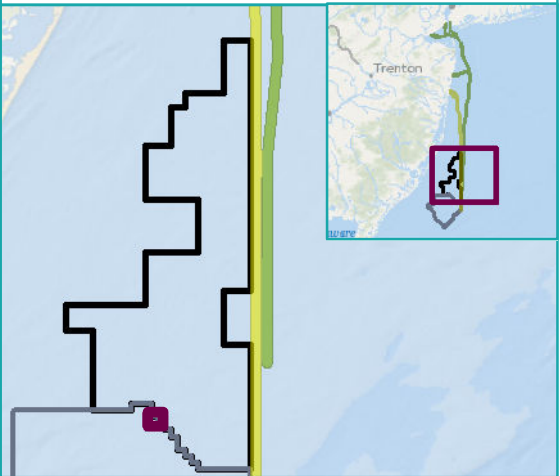
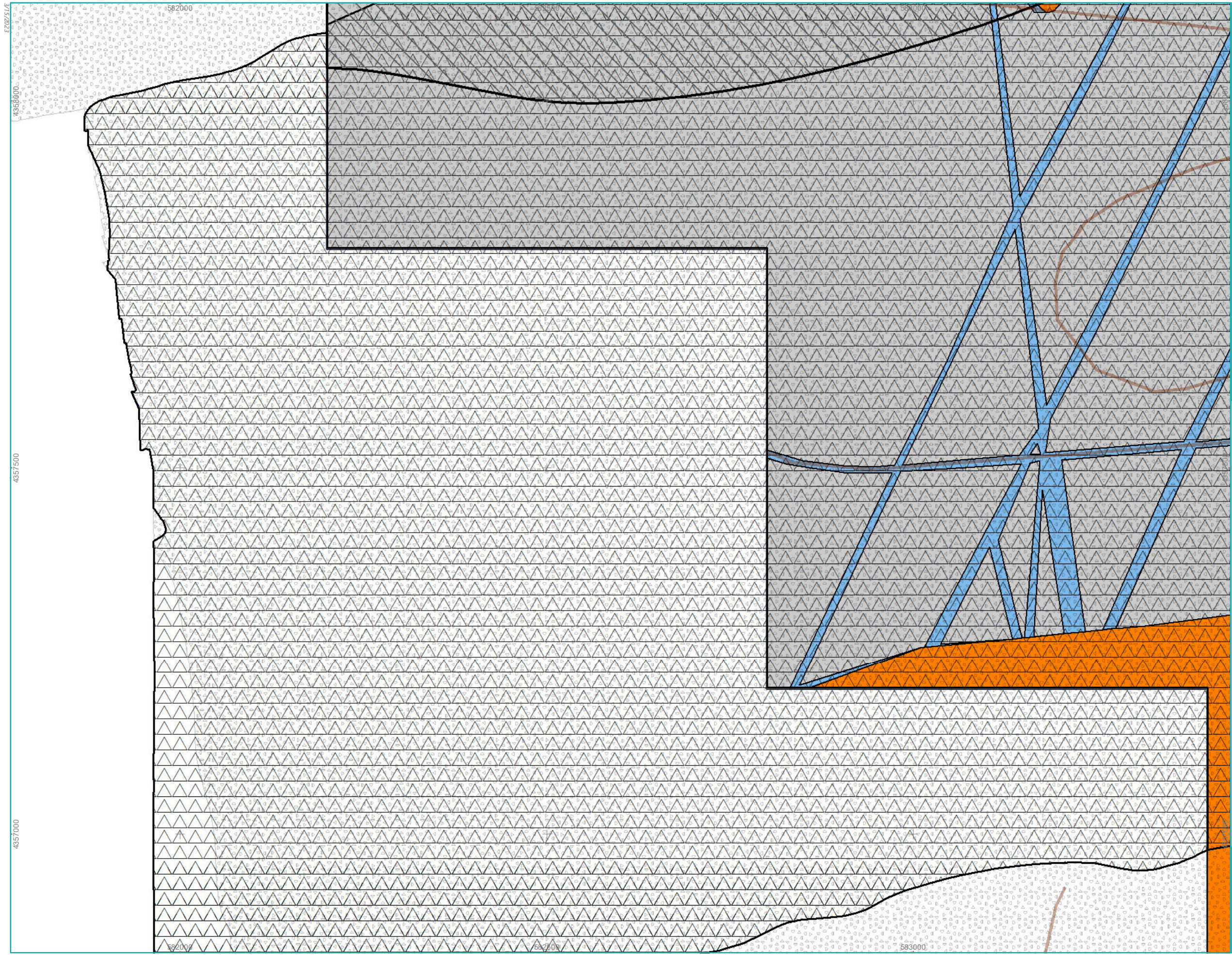
Basemap: World Ocean Base, Esri

LEGEND

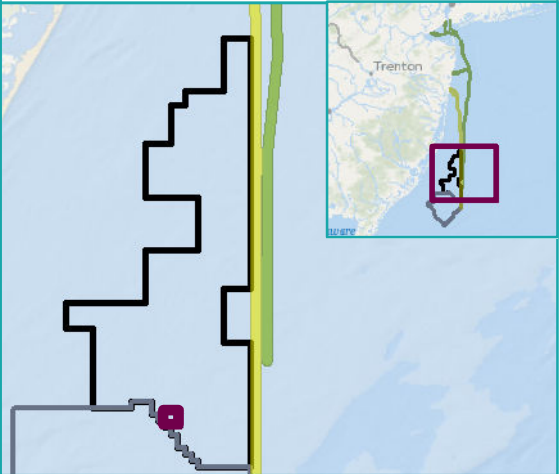
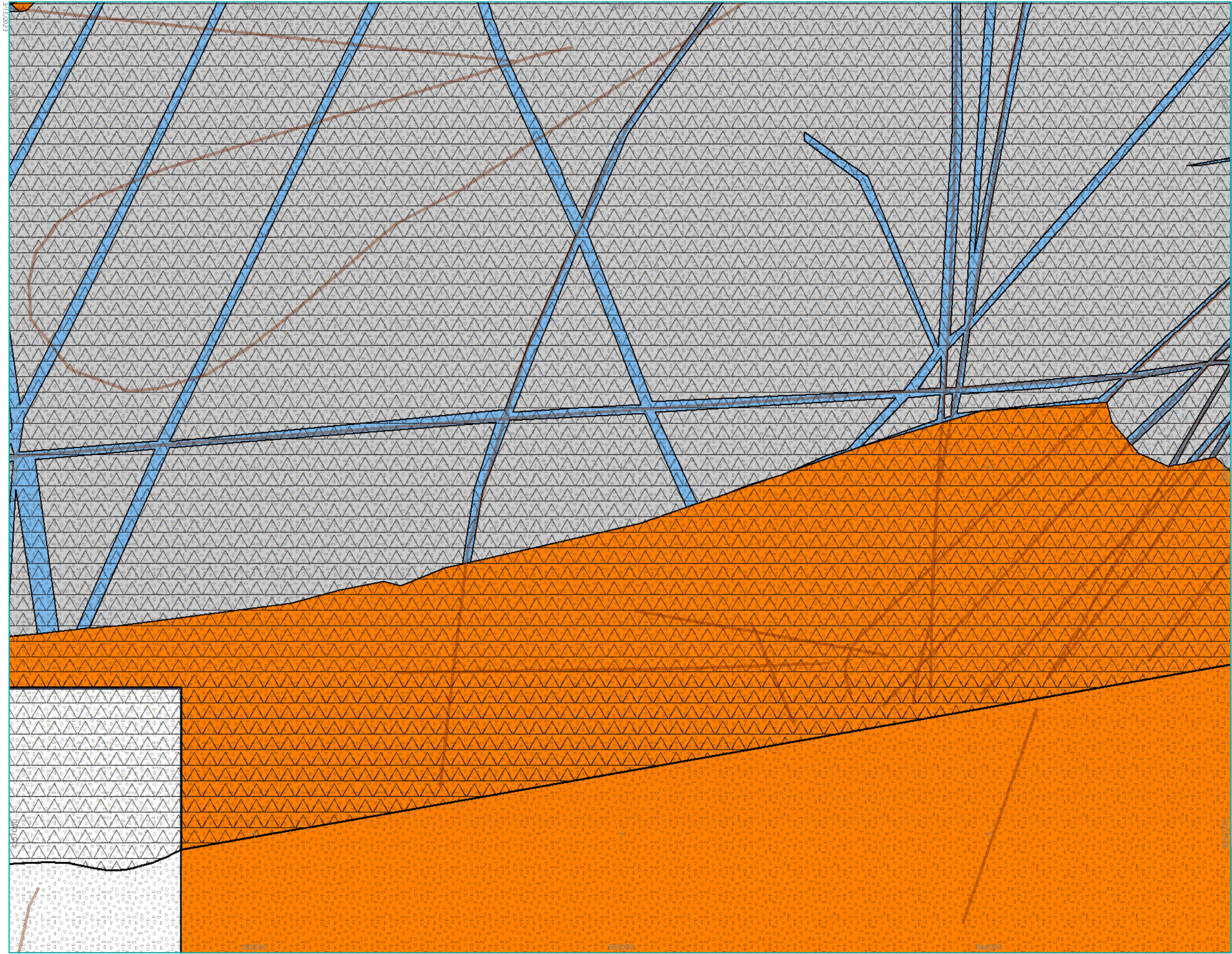
-  Video Transect
 Seabed Scar
 Ripple
 Complex Habitat
 Heterogeneous Complex Habitat
 Soft Bottom Habitat
 Lease Area OCS-A-0549
 Monmouth Export Cable Corridor (ECC)

**Atlantic Shores North EFH Maps
1:5000 Scale**

Lease Area OCS-A-0549
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- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549

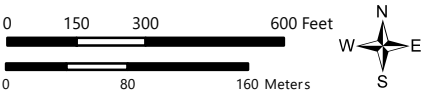
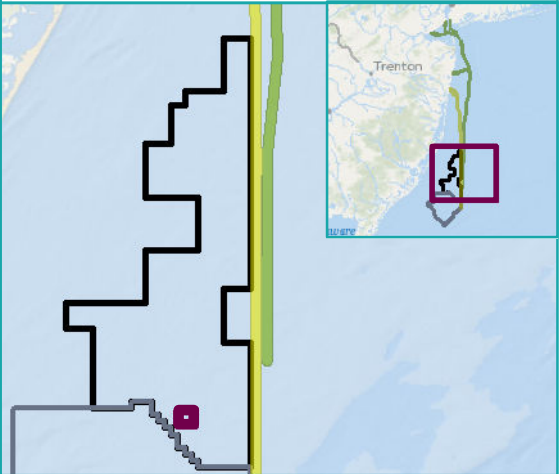
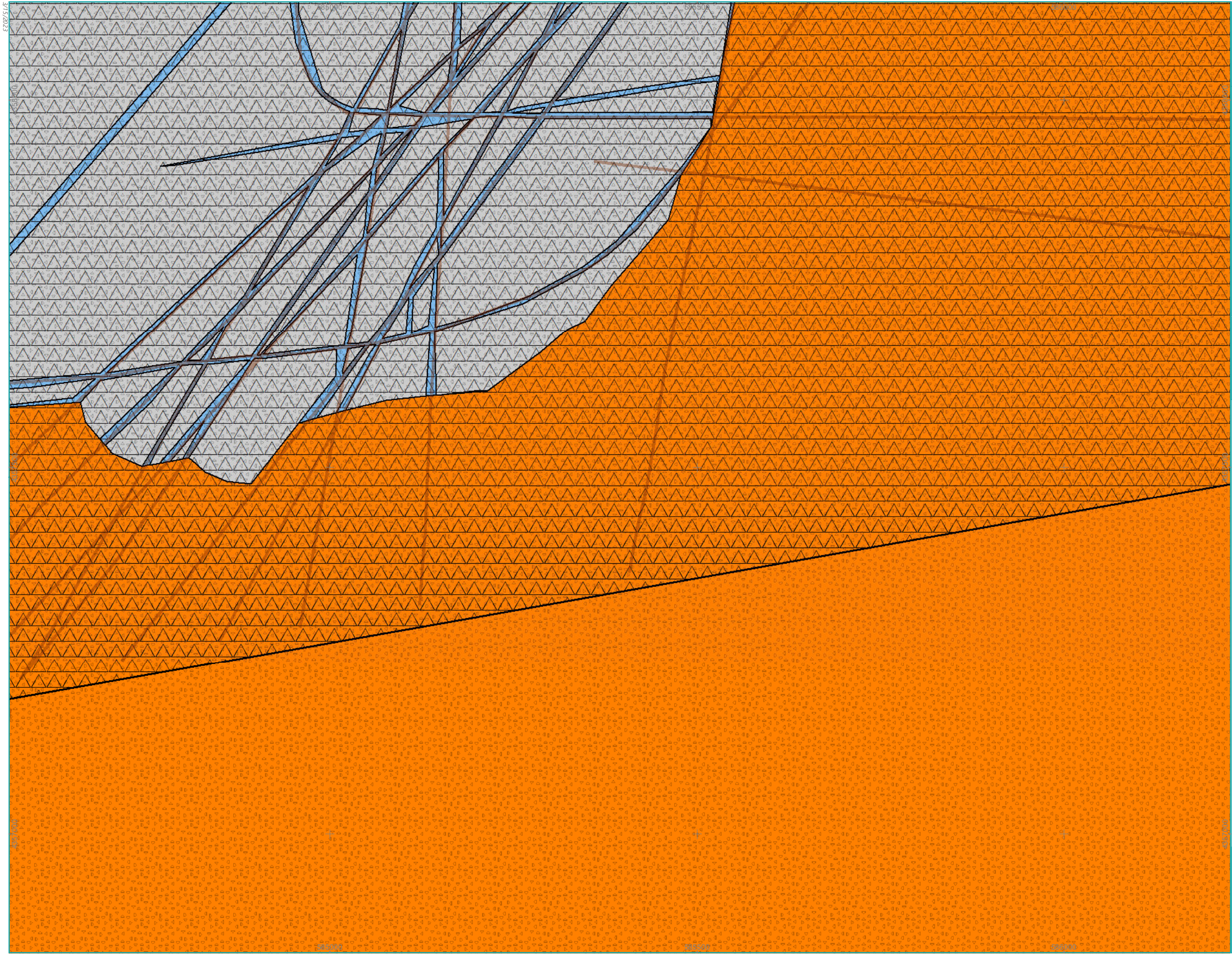


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549

3/15/2023

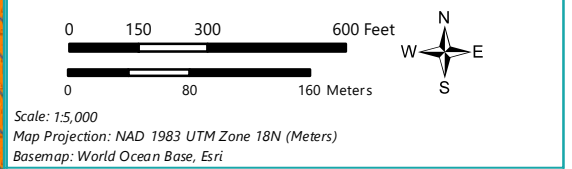
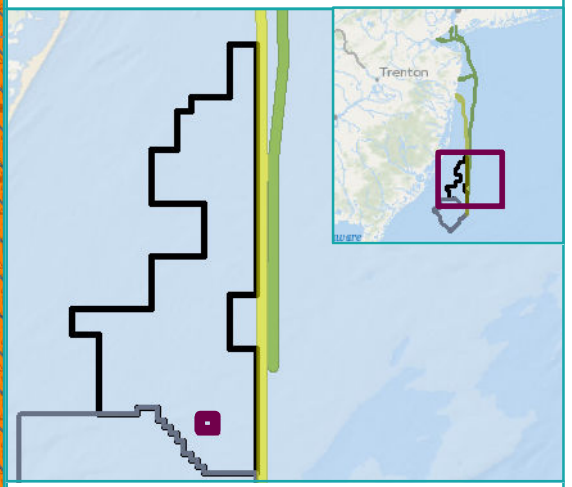
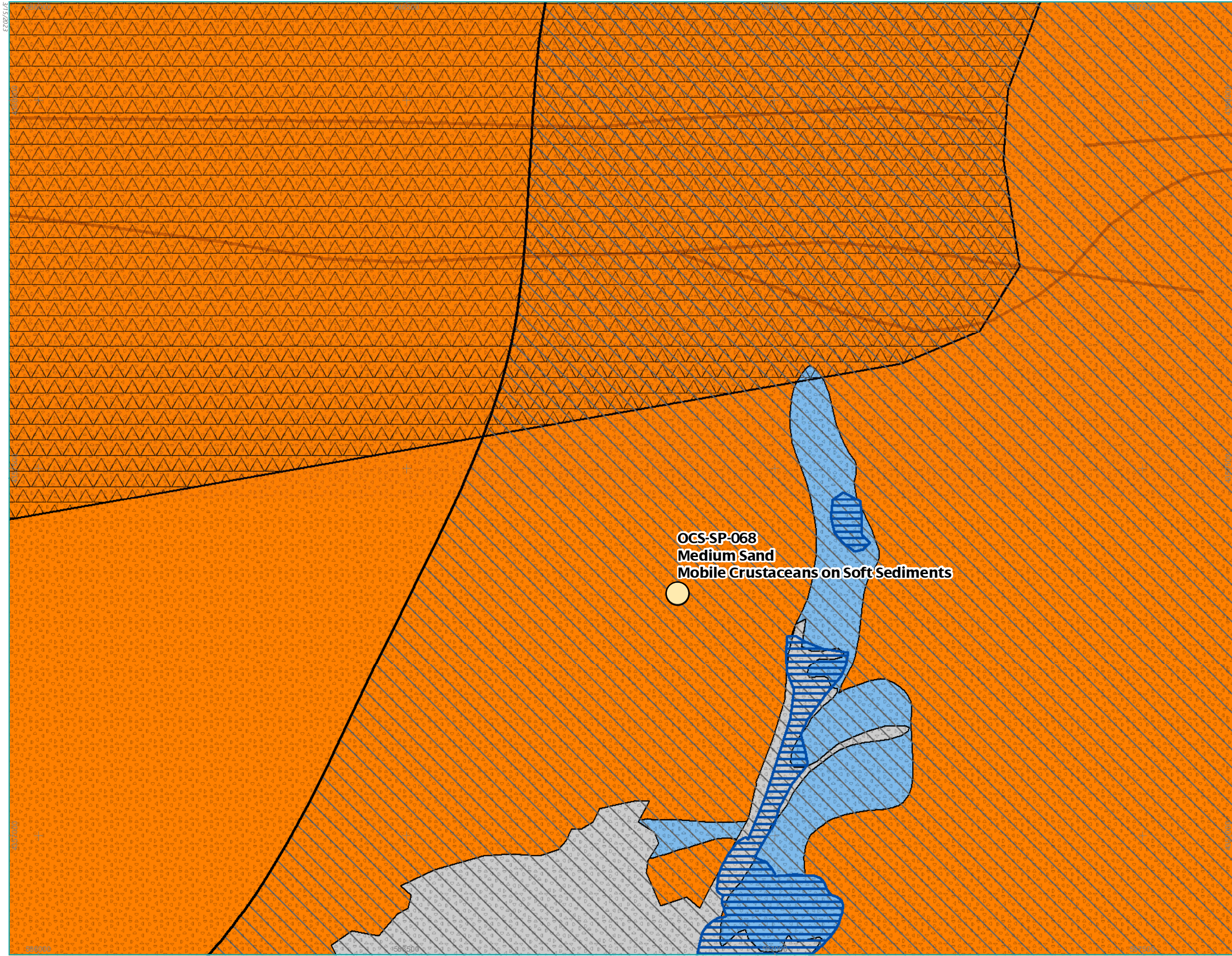


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

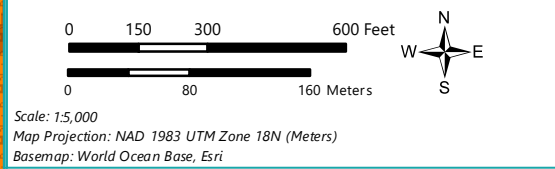
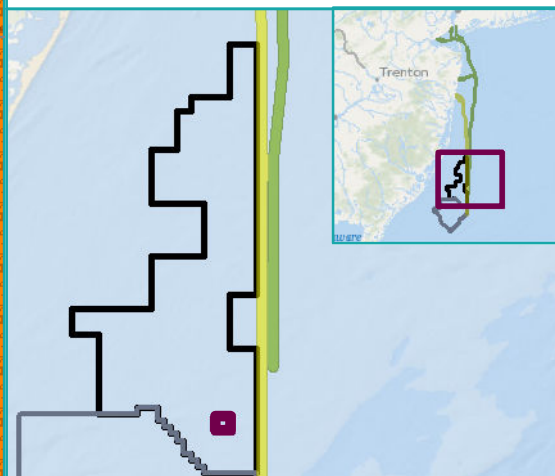
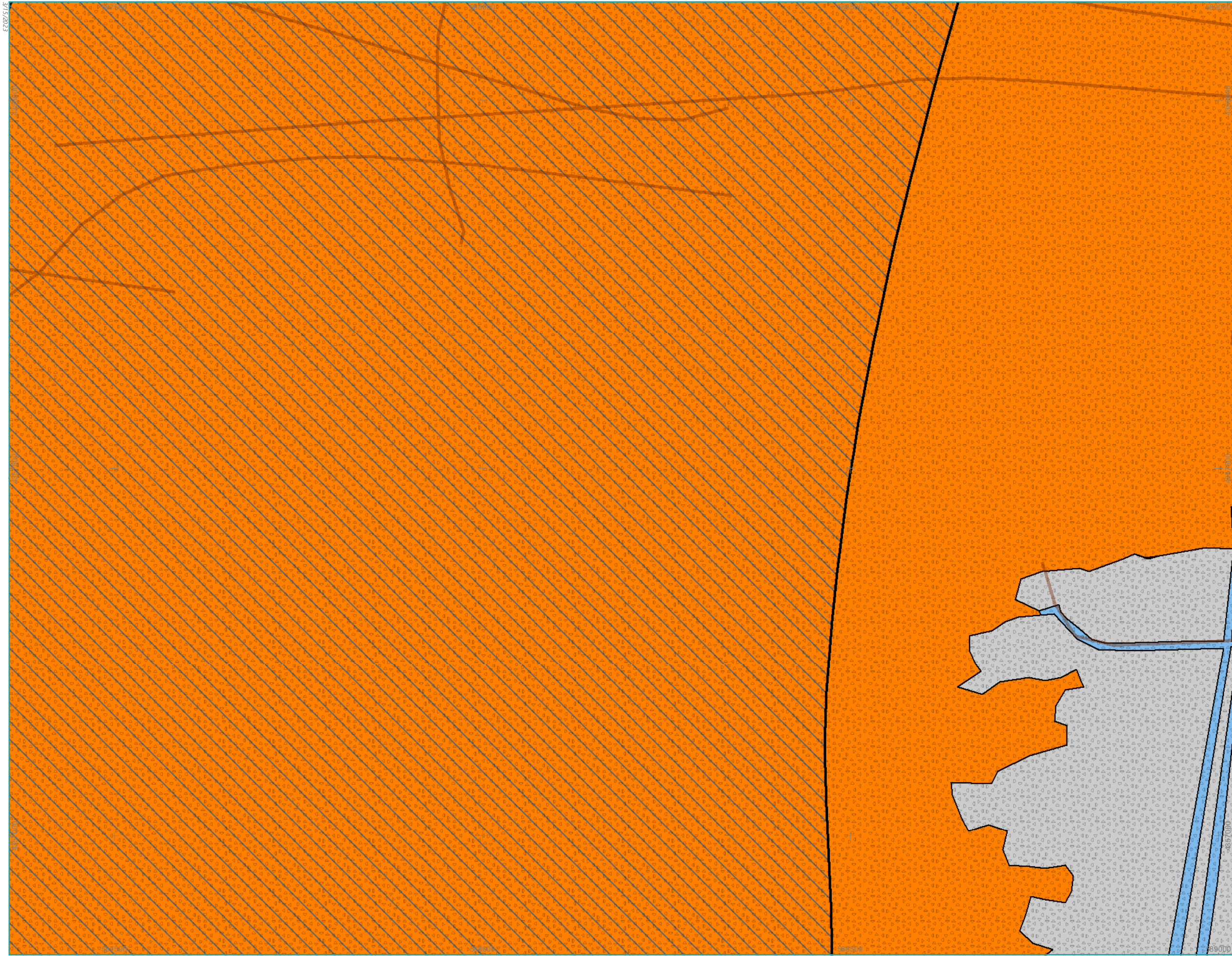
3/15/2023



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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

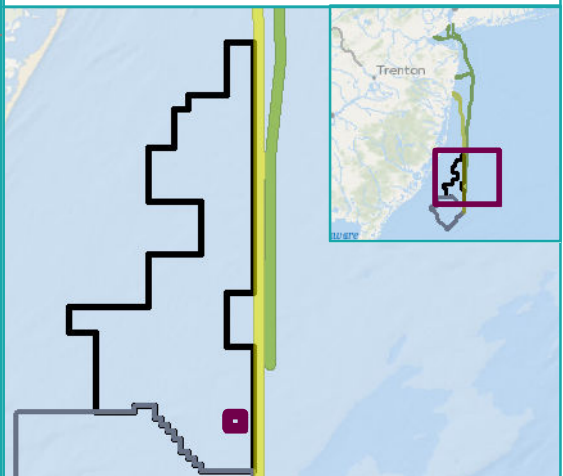
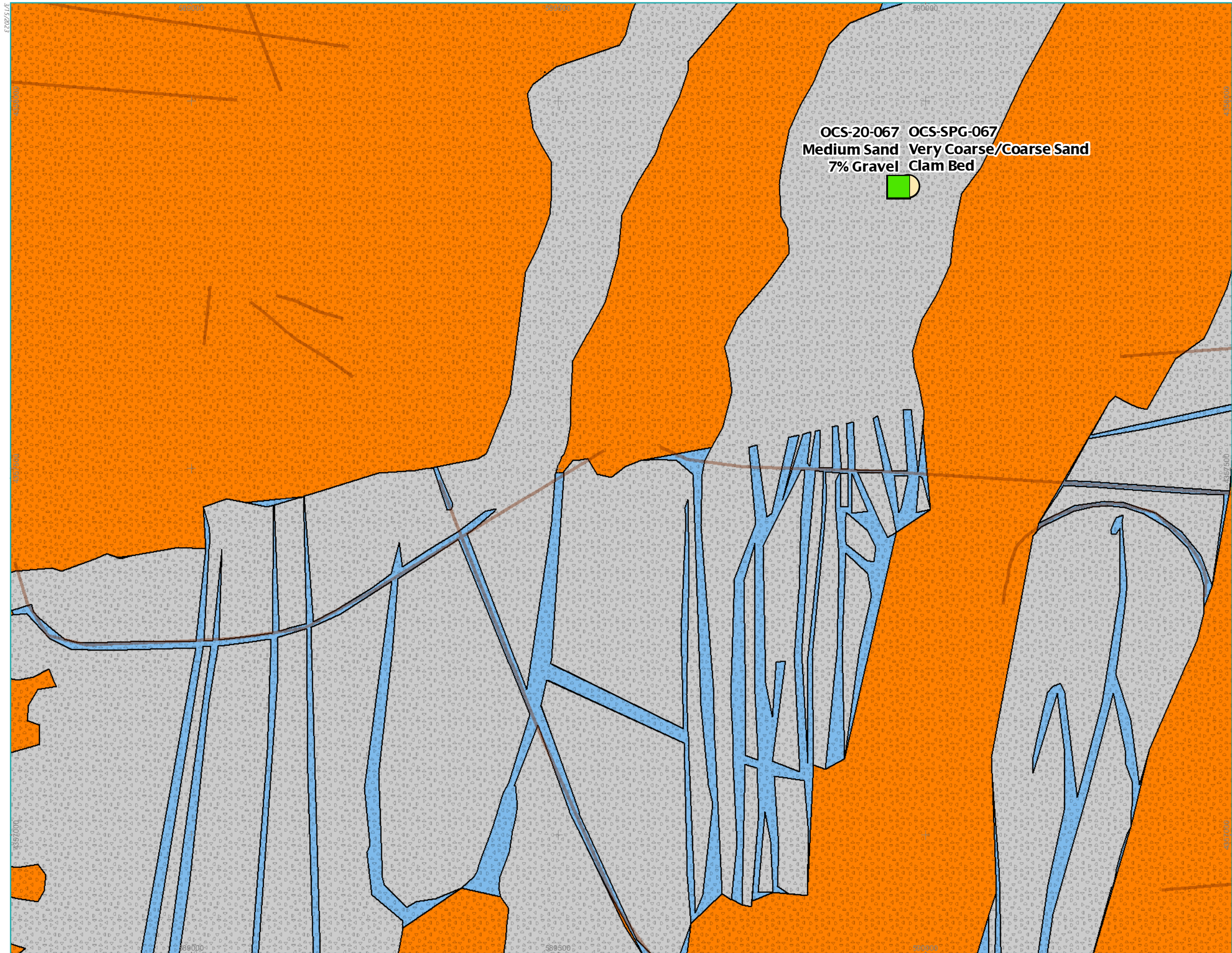
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

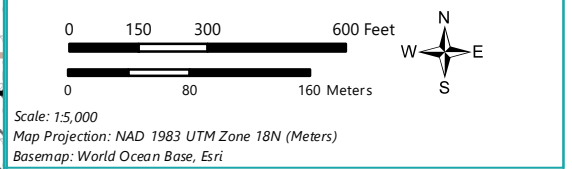
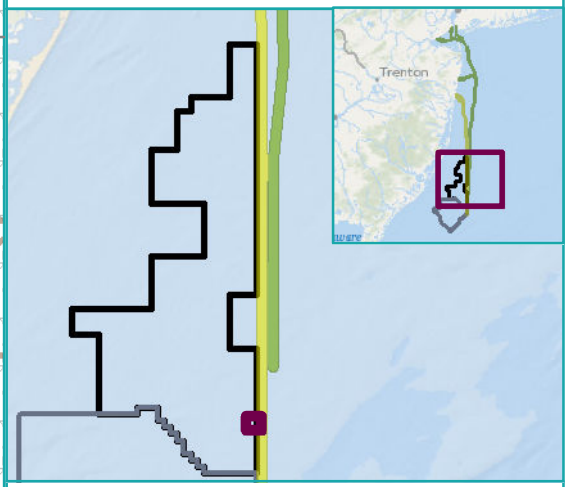
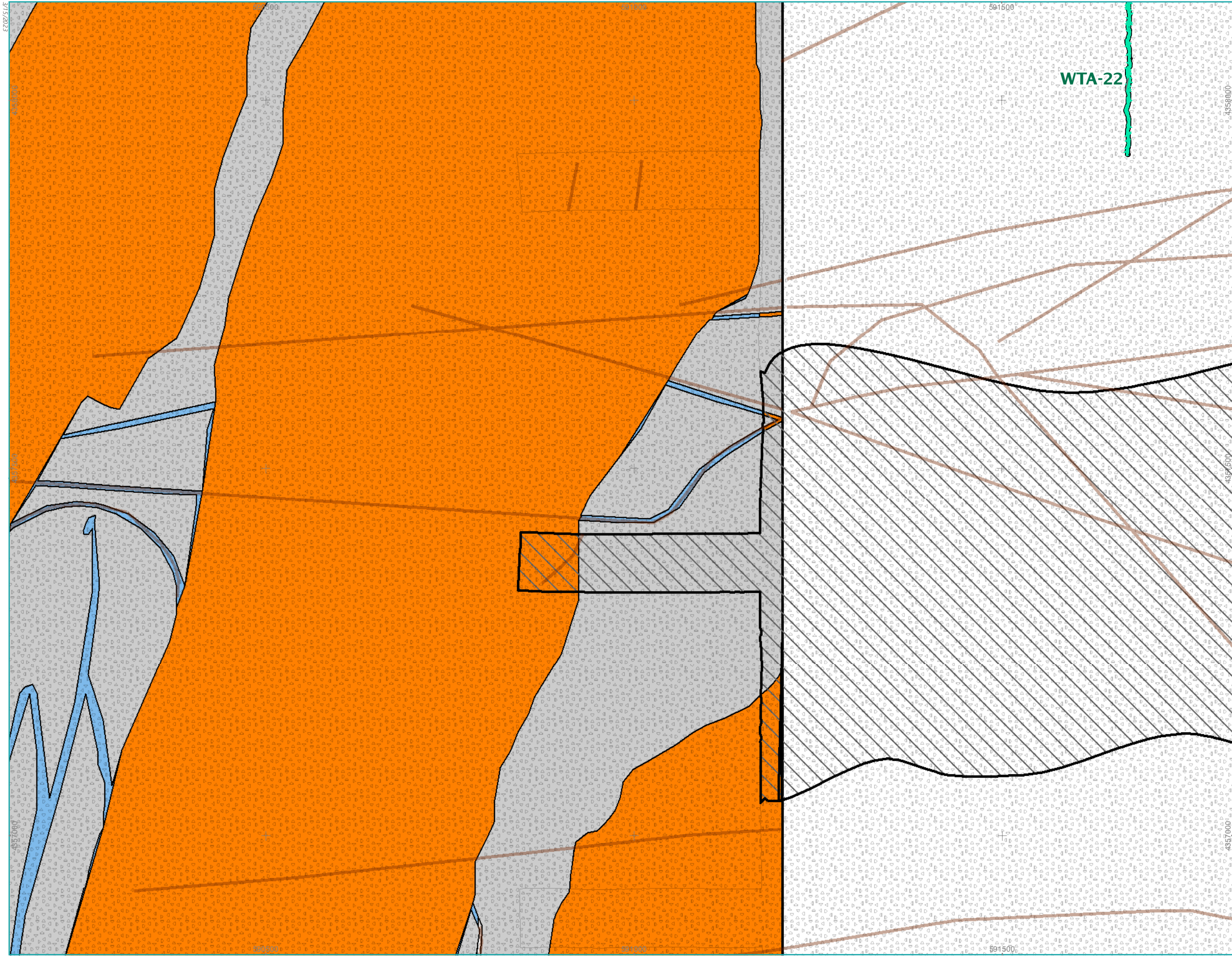
LEGEND

-
-  Soft Bottom Station - SPI/PV
 Complex Bottom Station - Grab Sample
 Seabed Scar
 Ripple
 Complex Habitat
 Heterogeneous Complex Habitat
 Soft Bottom Habitat
 Lease Area OCS-A-0549

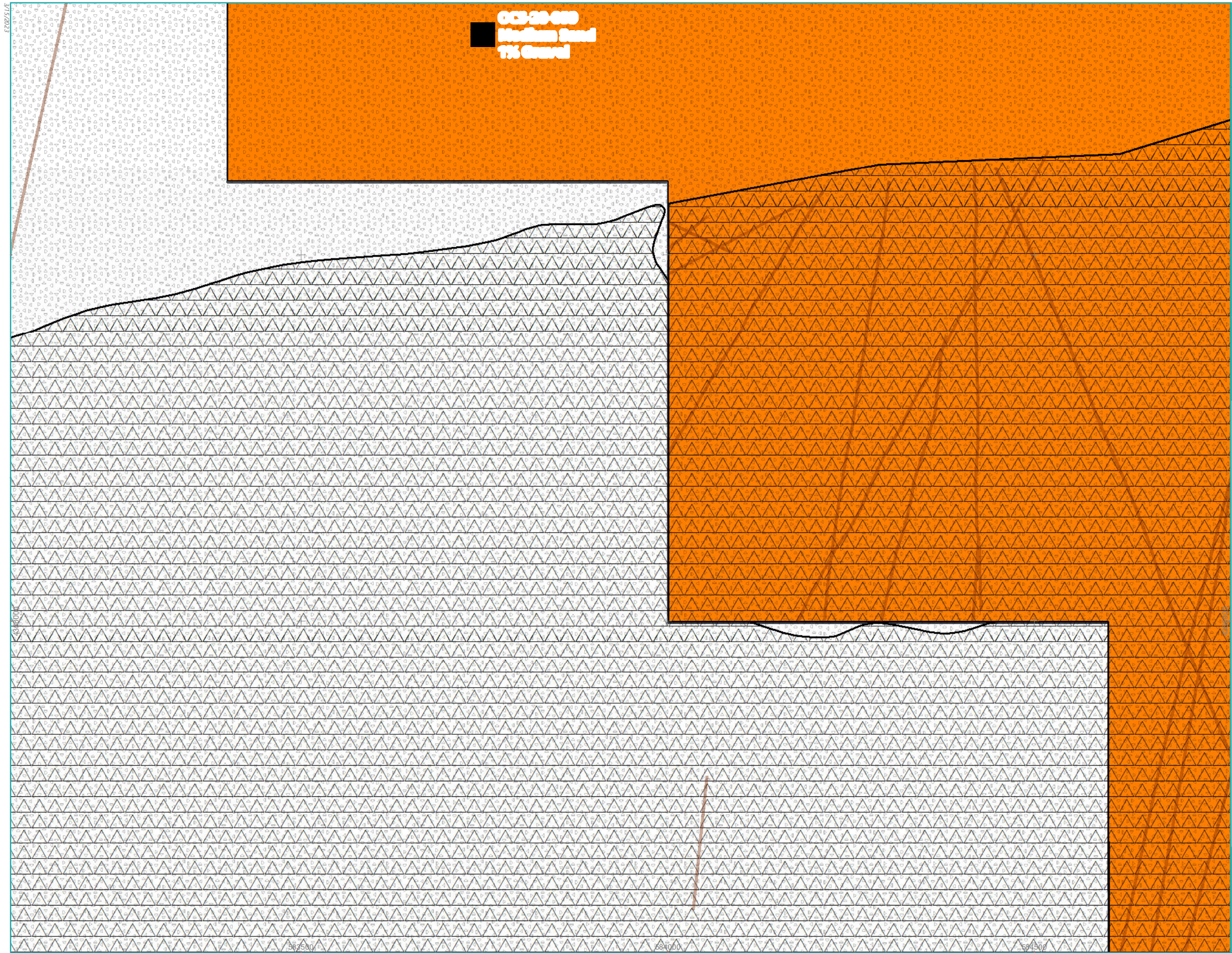
Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
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- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000

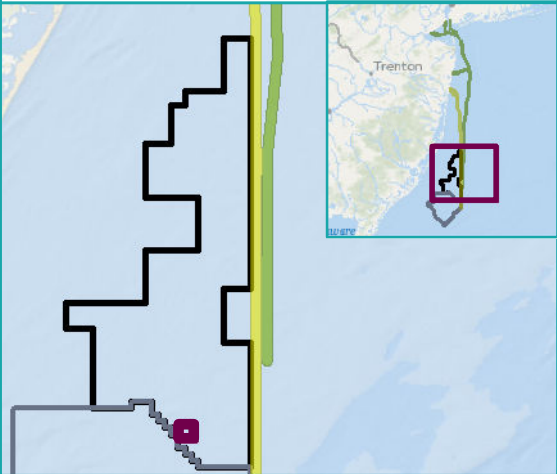
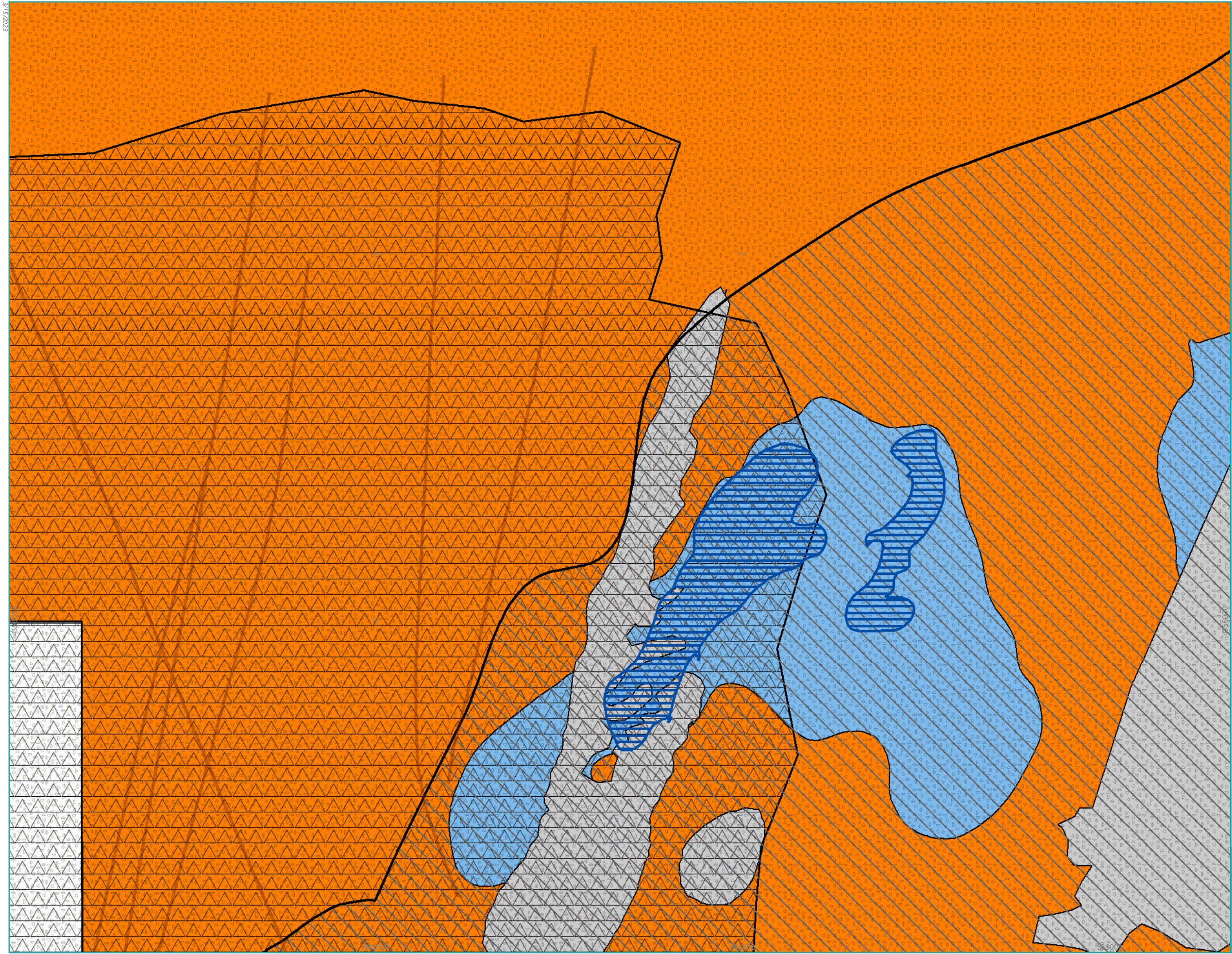
Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Mega Ripple
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549

3/15/2023

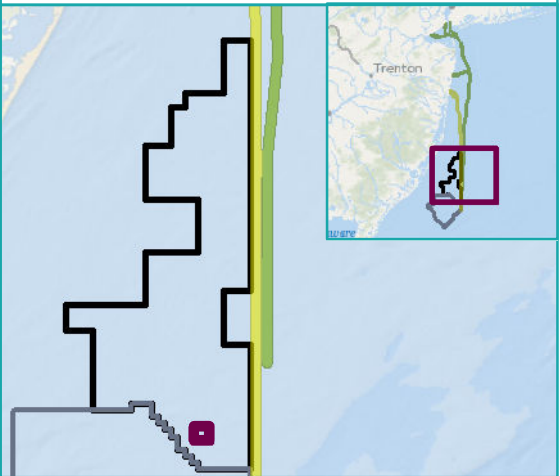
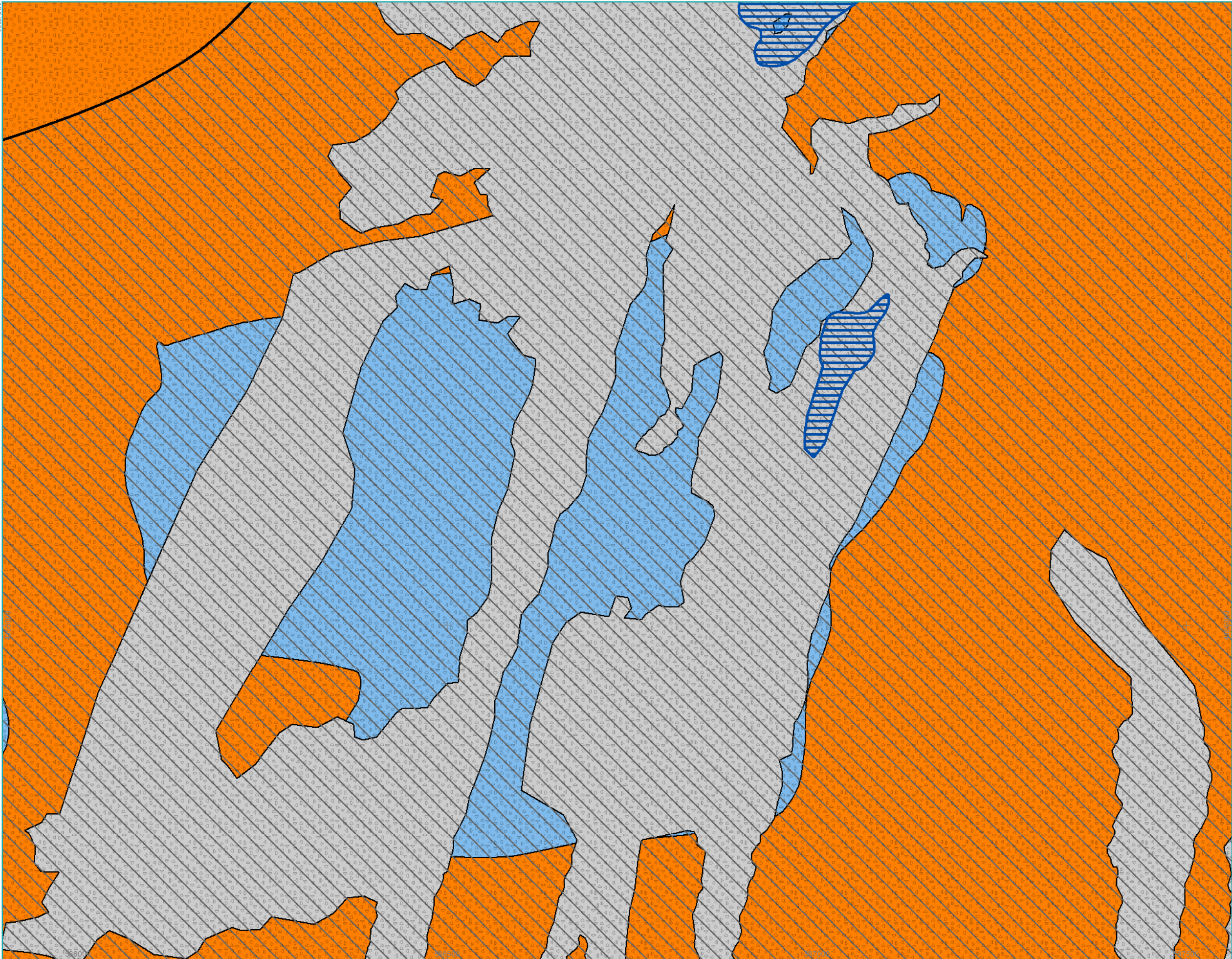


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549

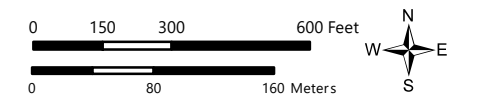
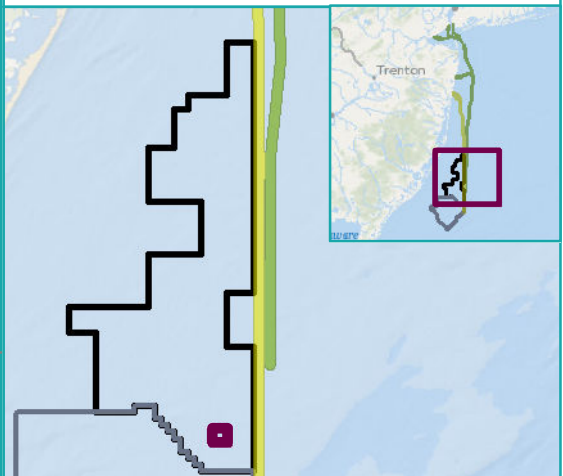
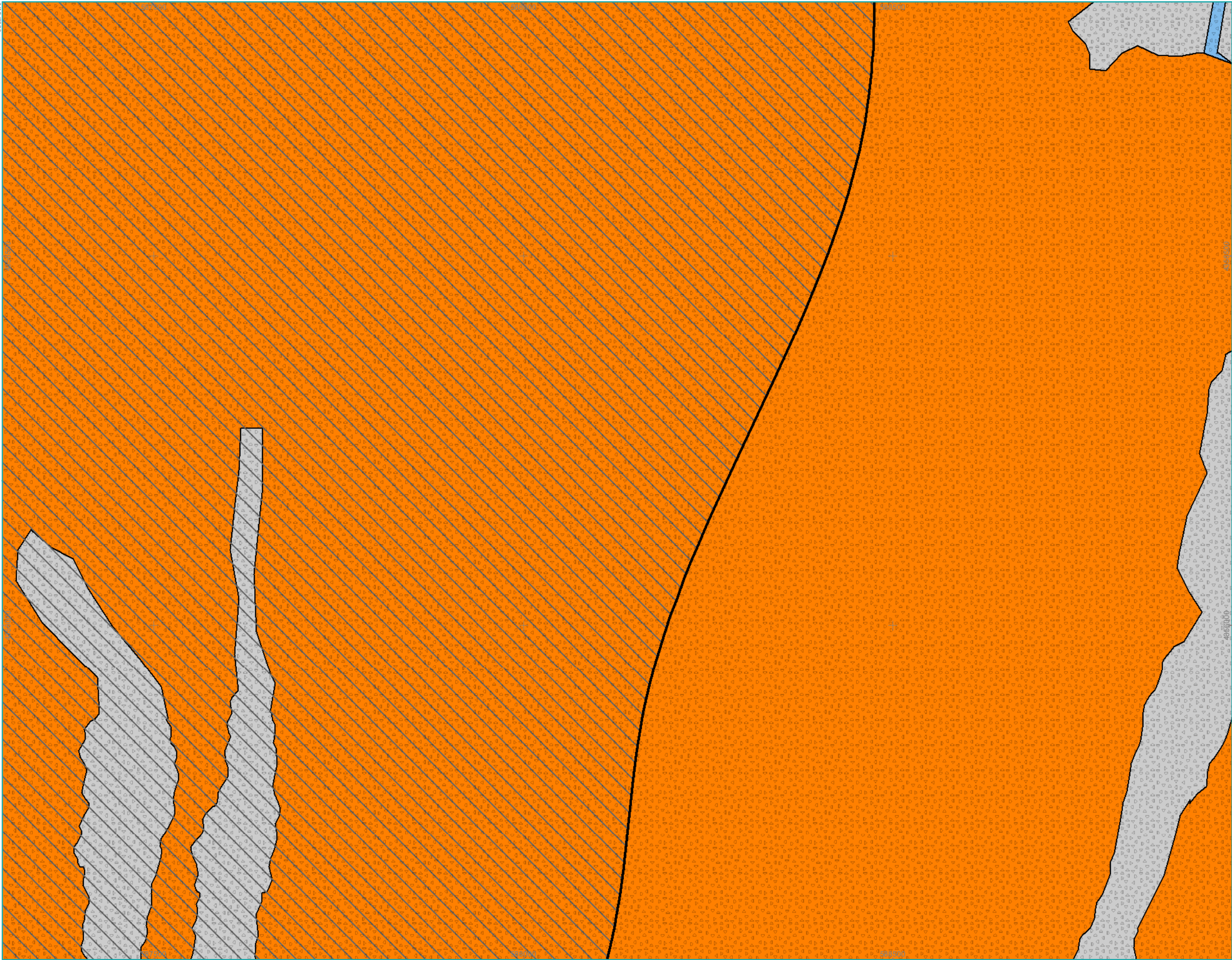
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



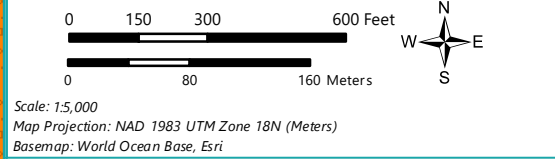
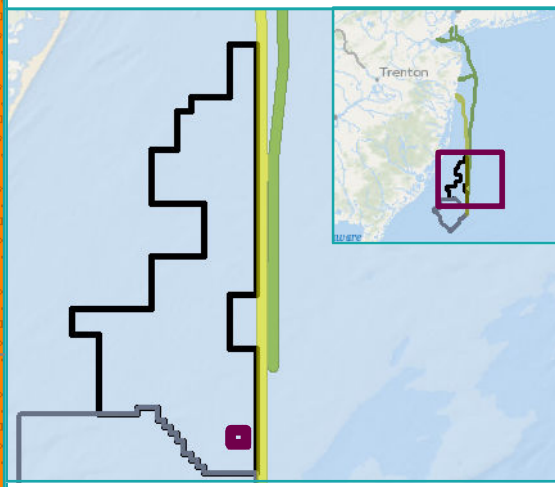
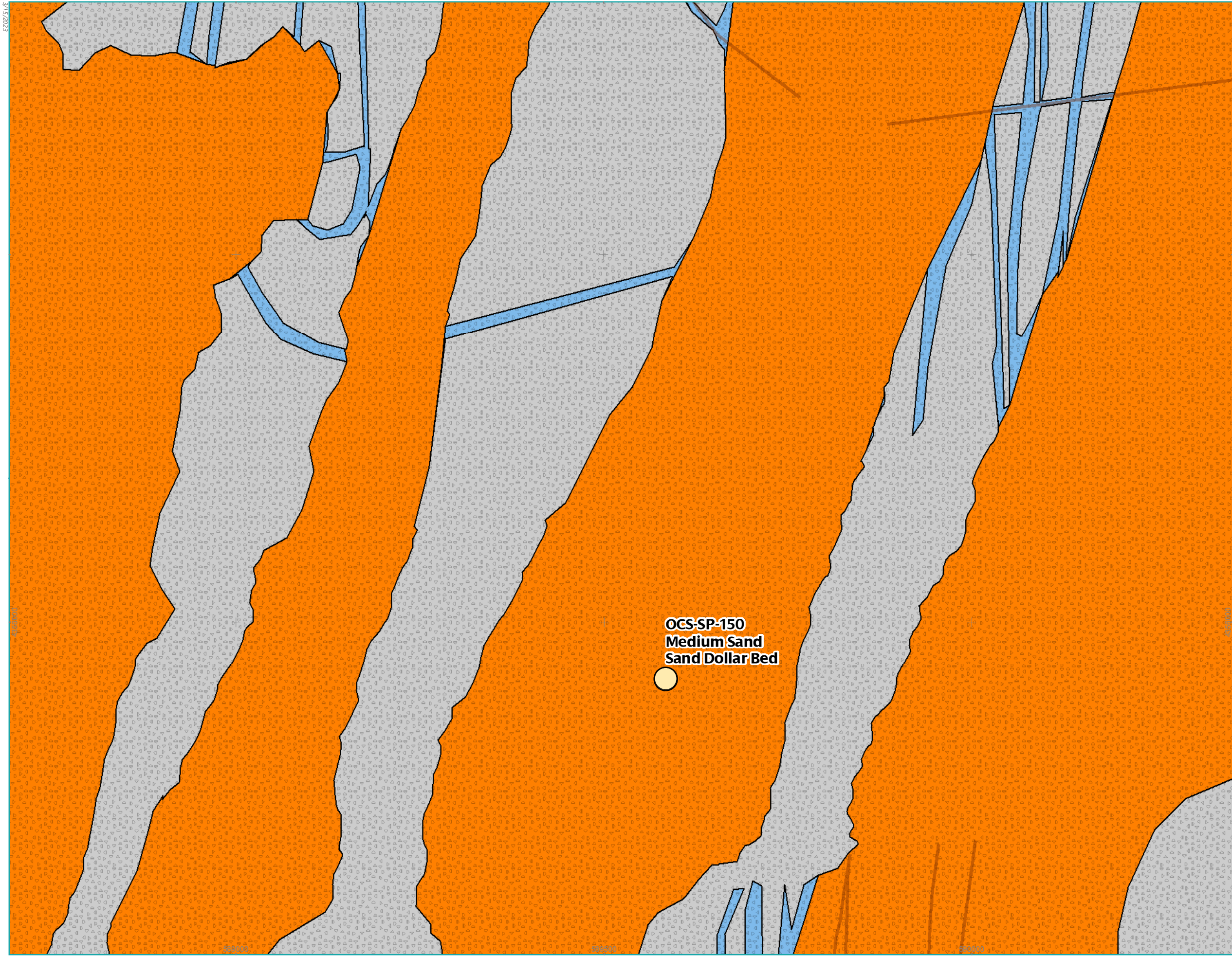
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549

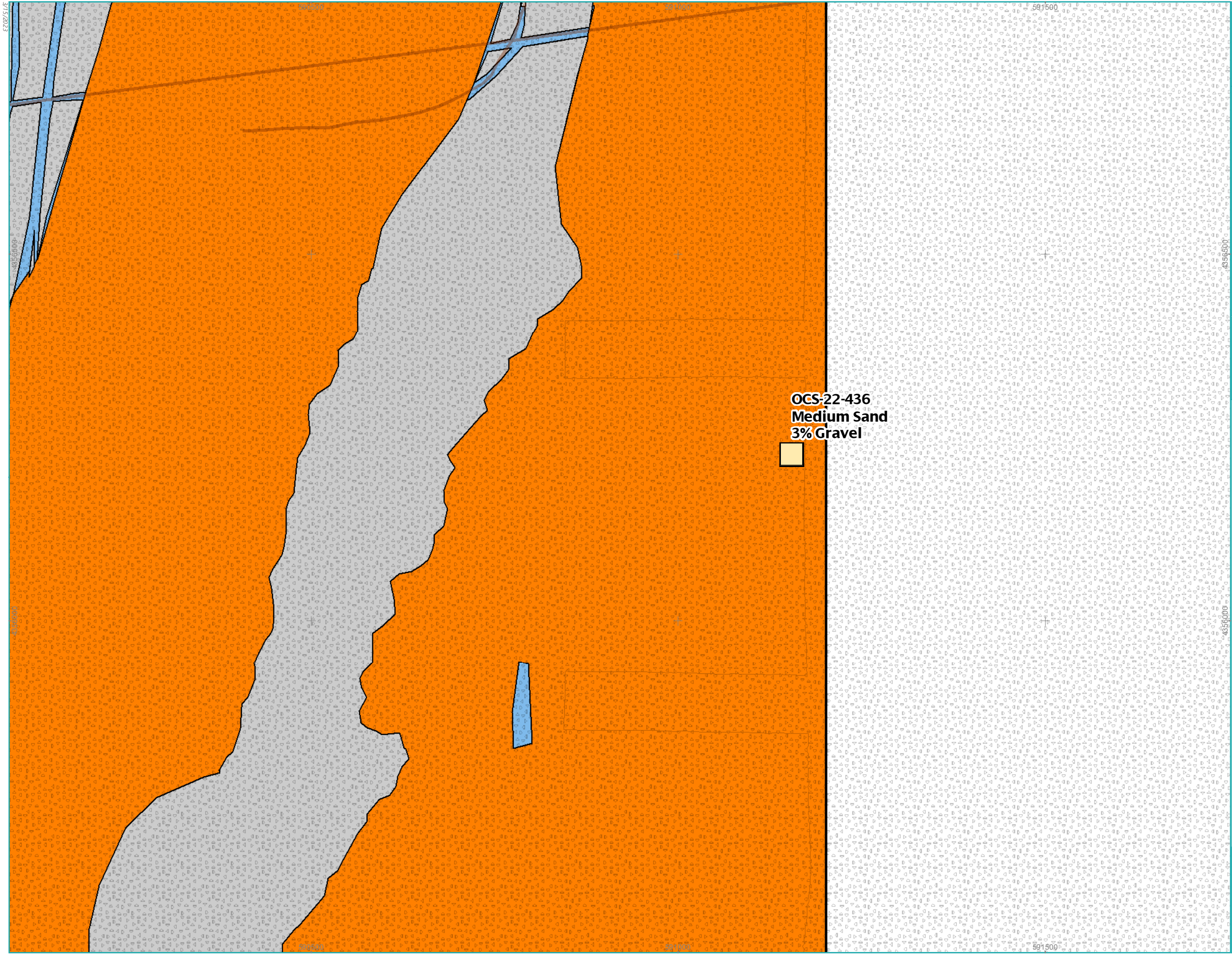
3/15/2023

3/15/2023

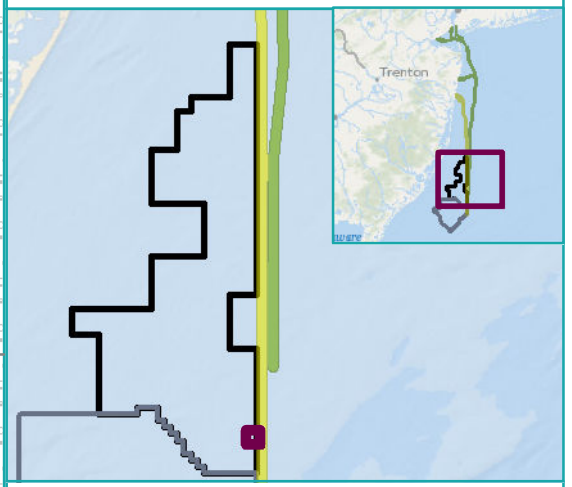


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

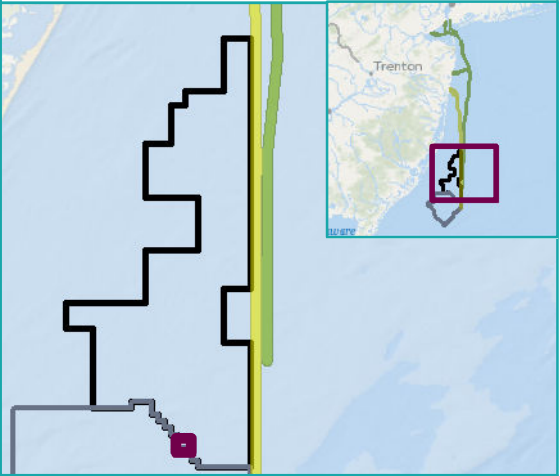
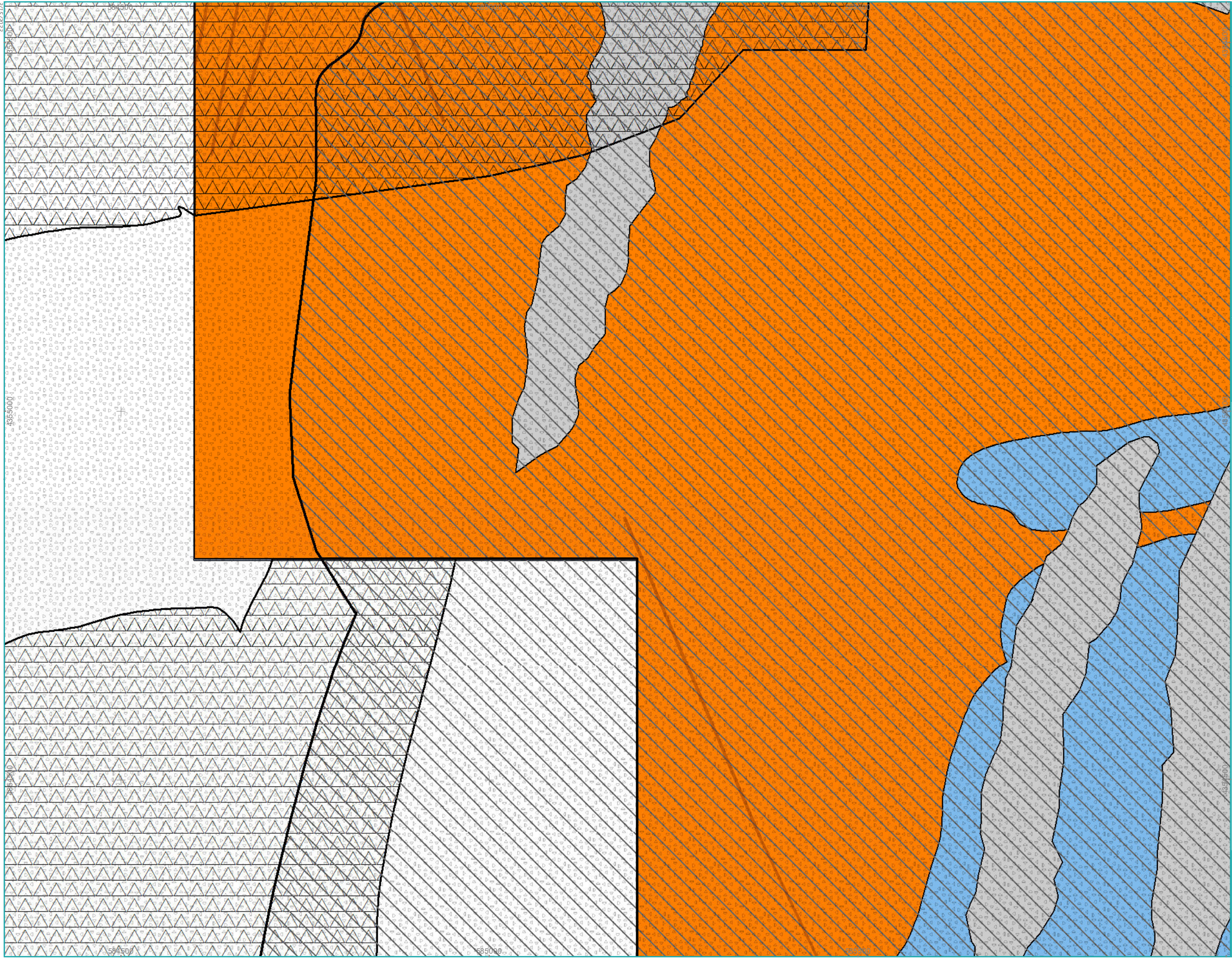


3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

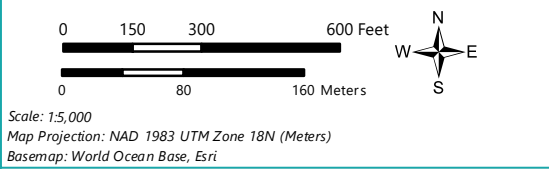
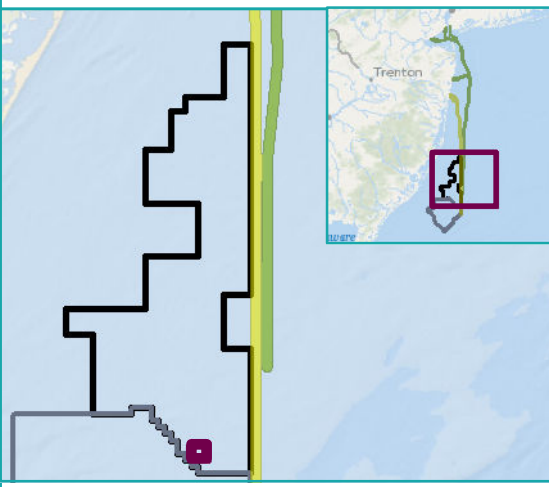
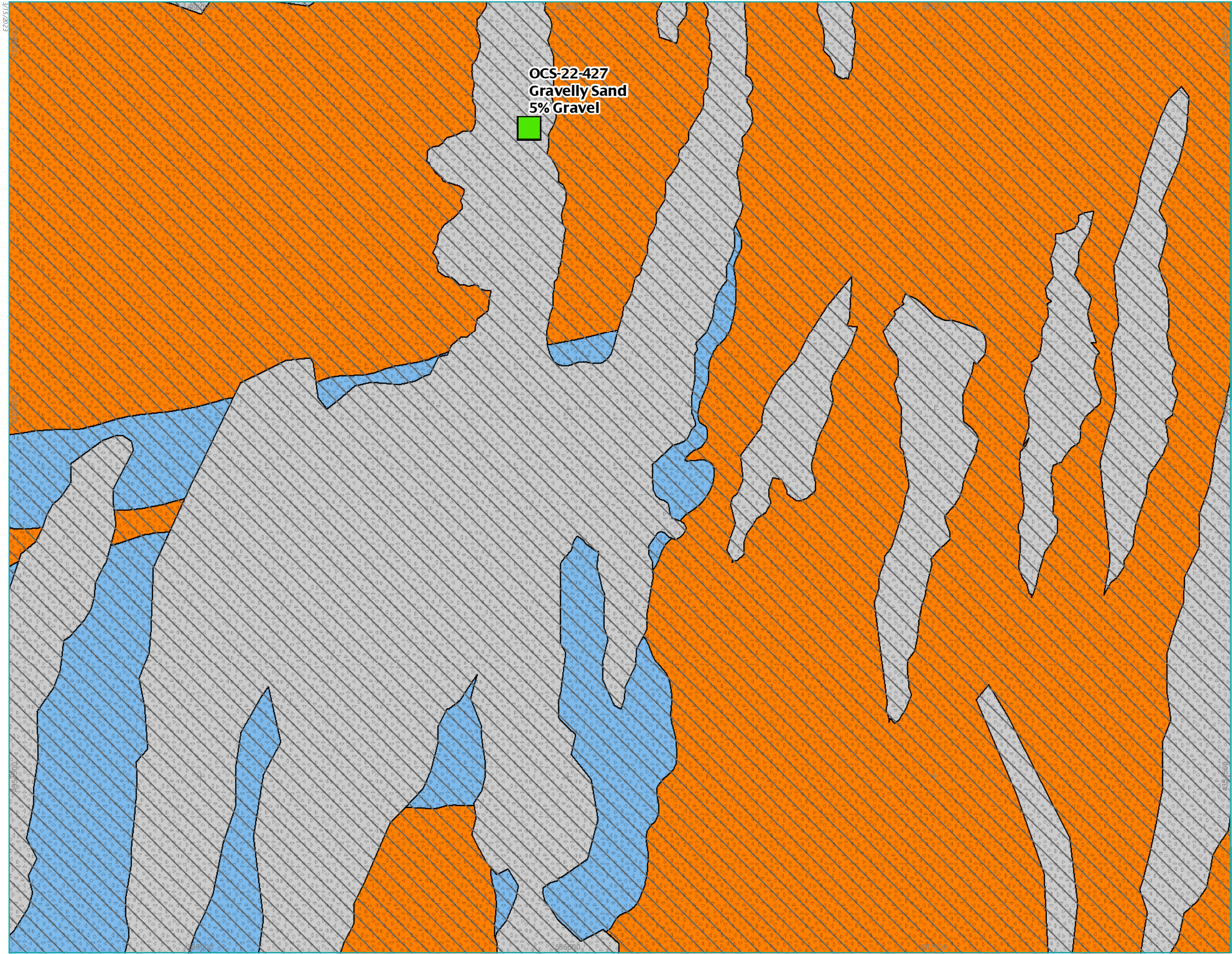


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549

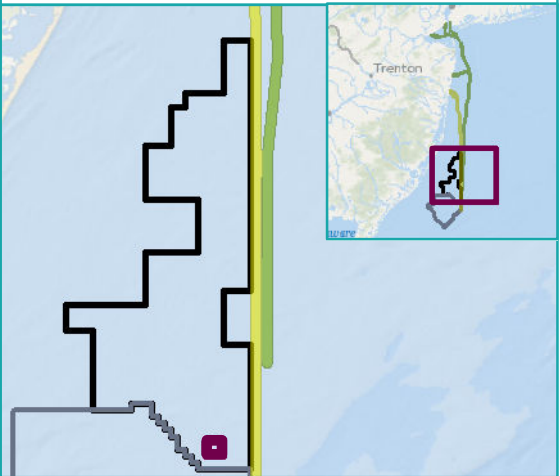
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

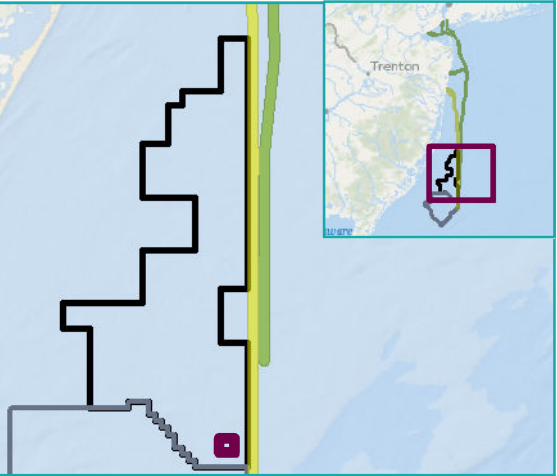
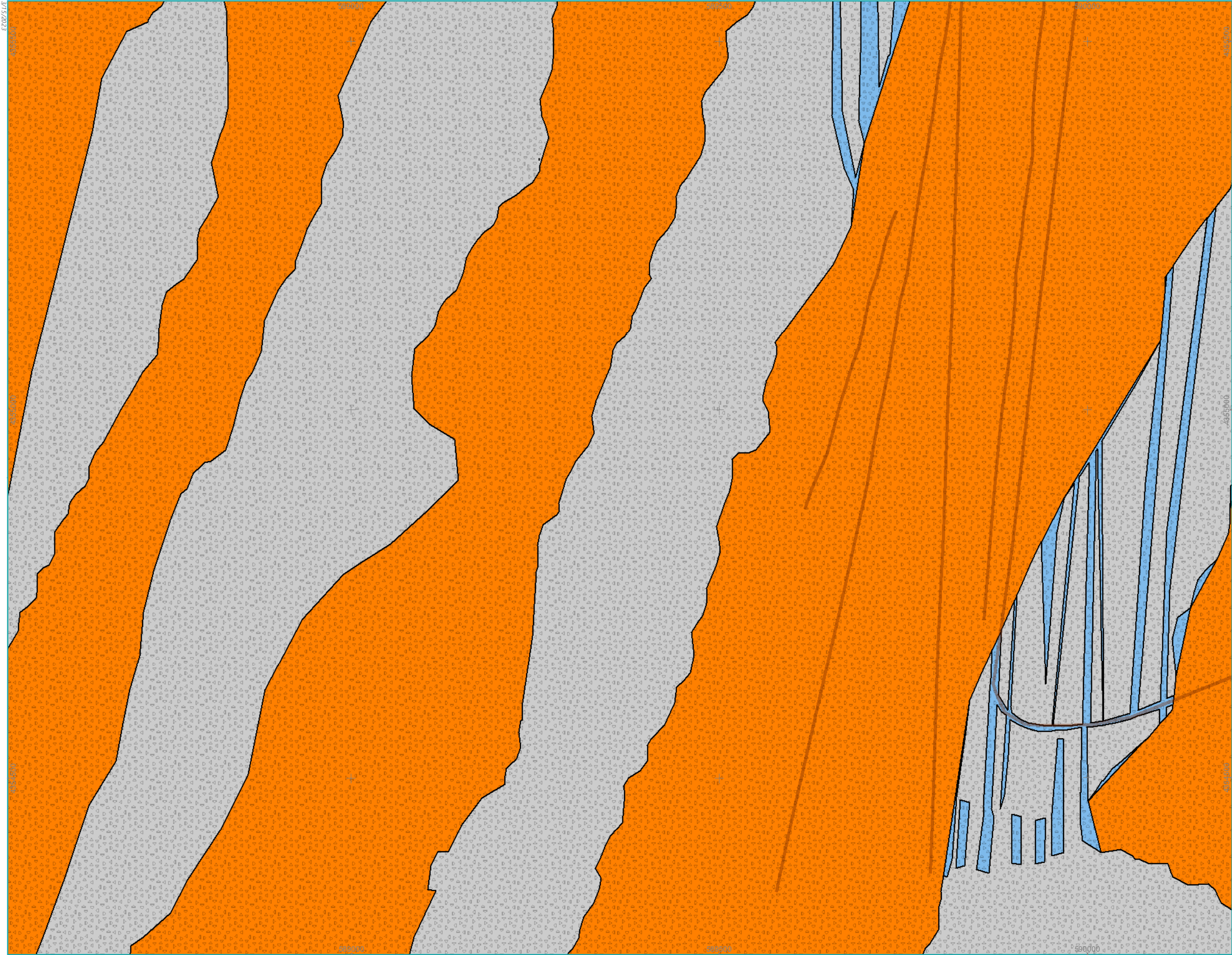
3/15/2023



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Basemap: World Ocean Base, Esri

LEGEND

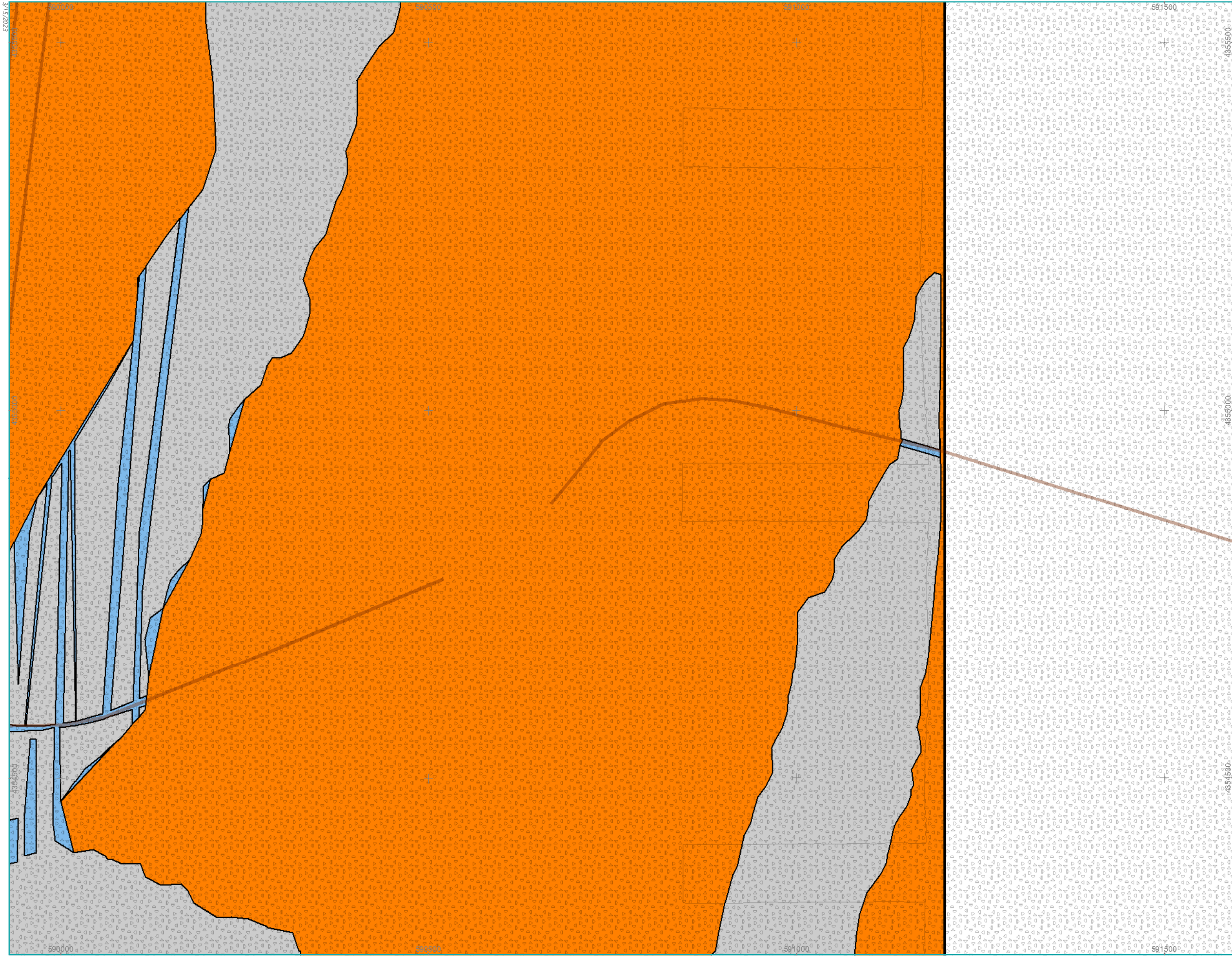
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0549



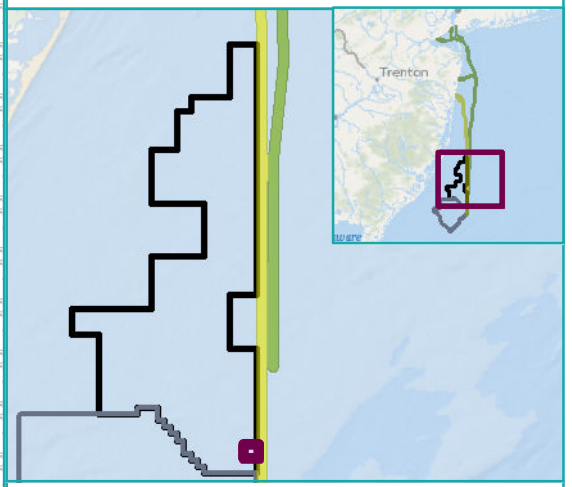
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549

3/15/2023



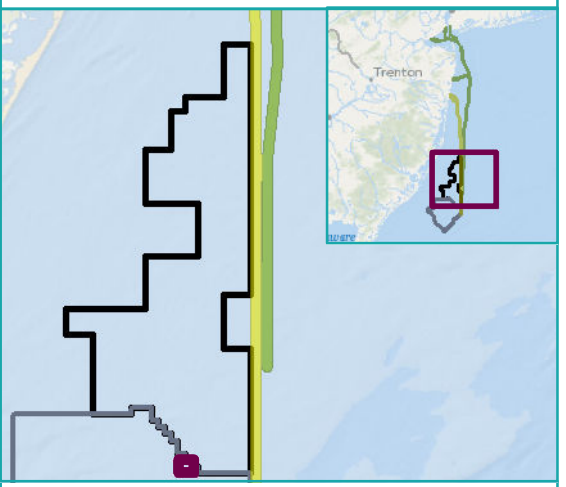
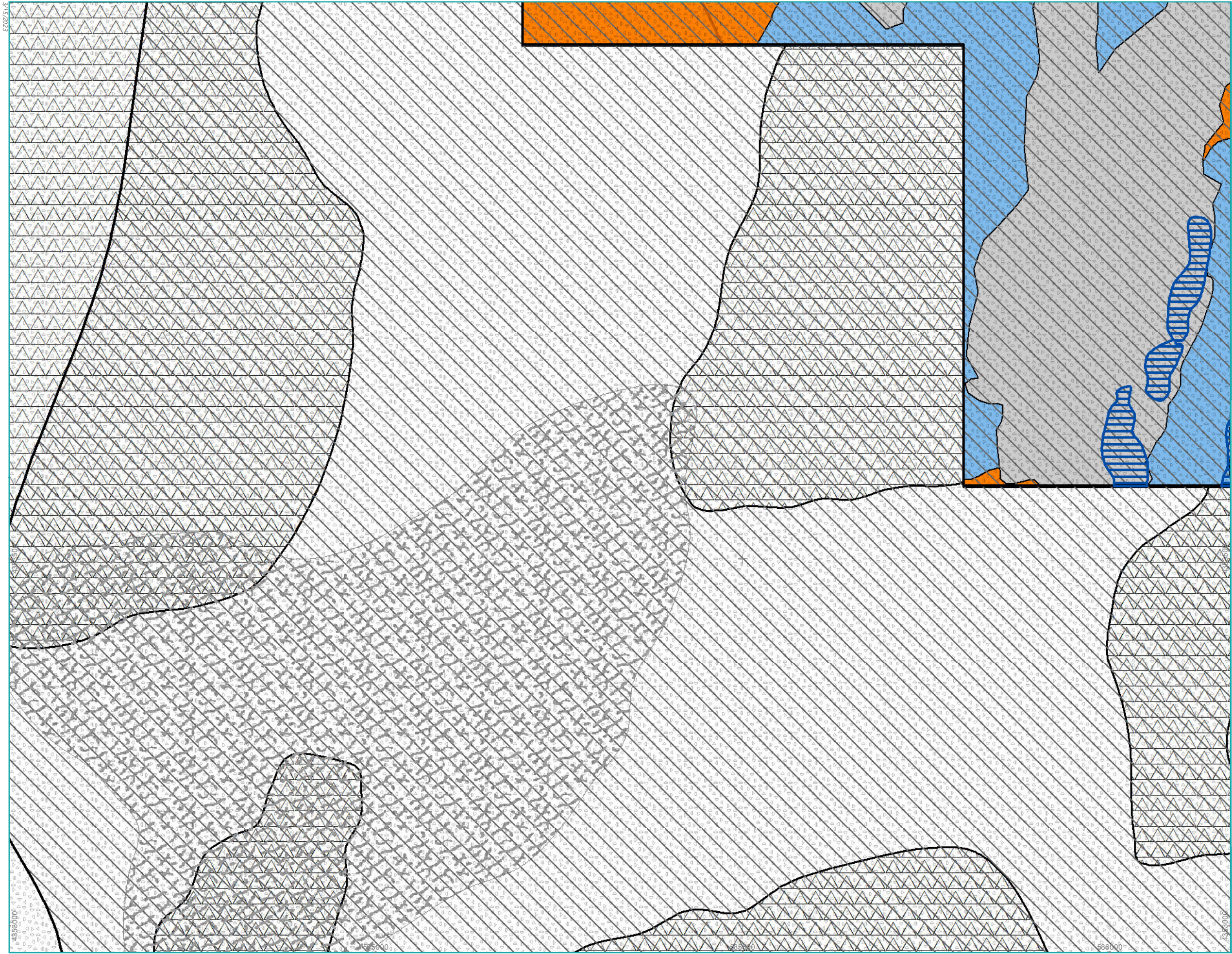
ATLANTIC SHORES offshore wind



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0549
 - Monmouth Export Cable Corridor (ECC)

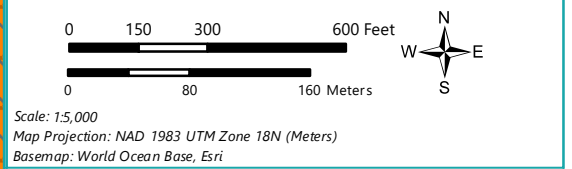
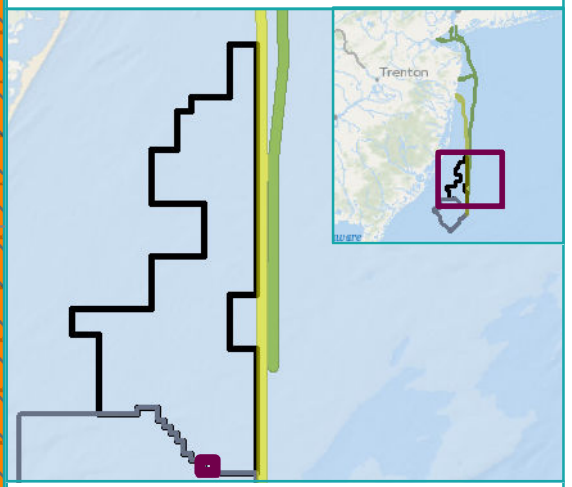
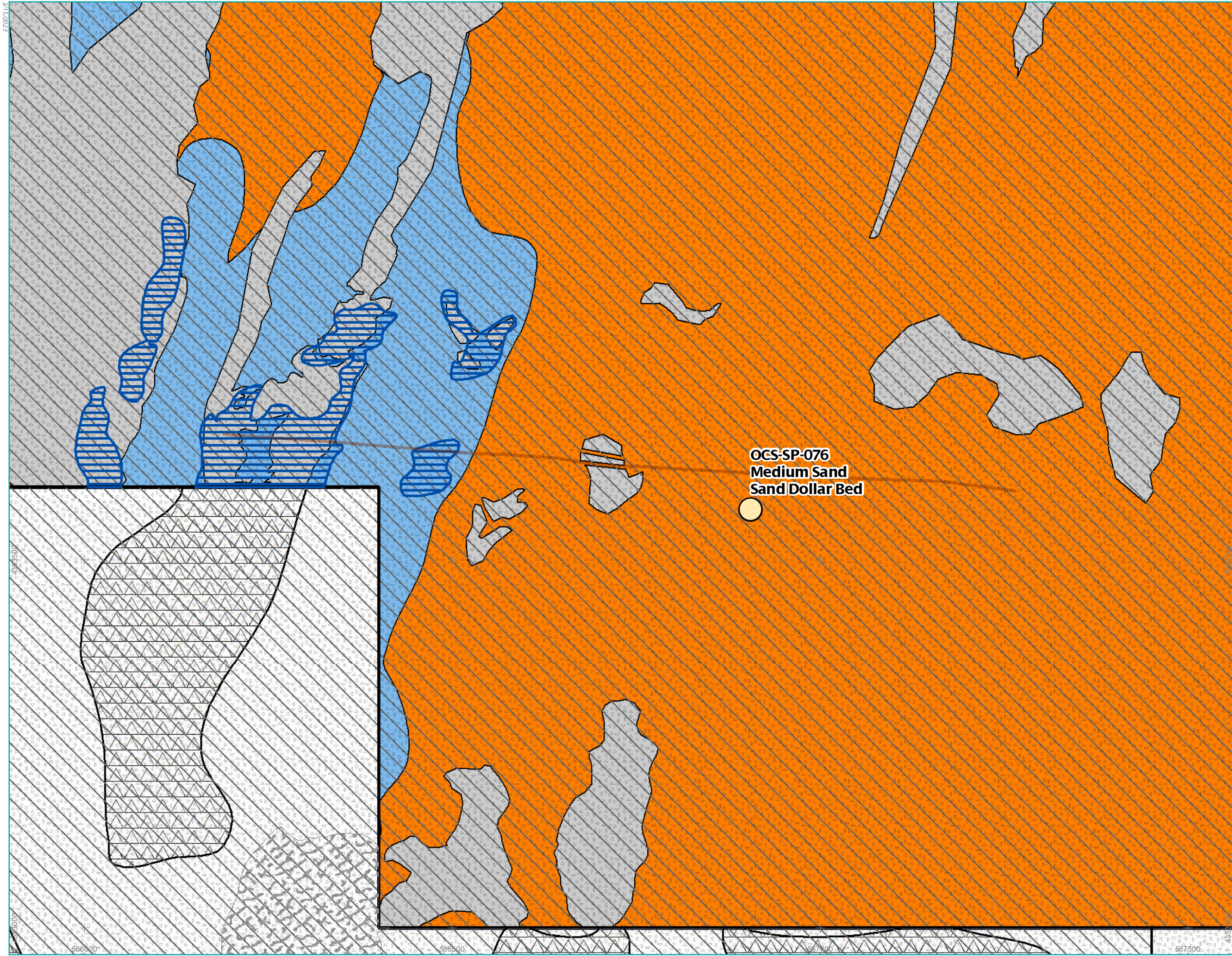
3/15/2023



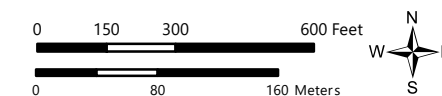
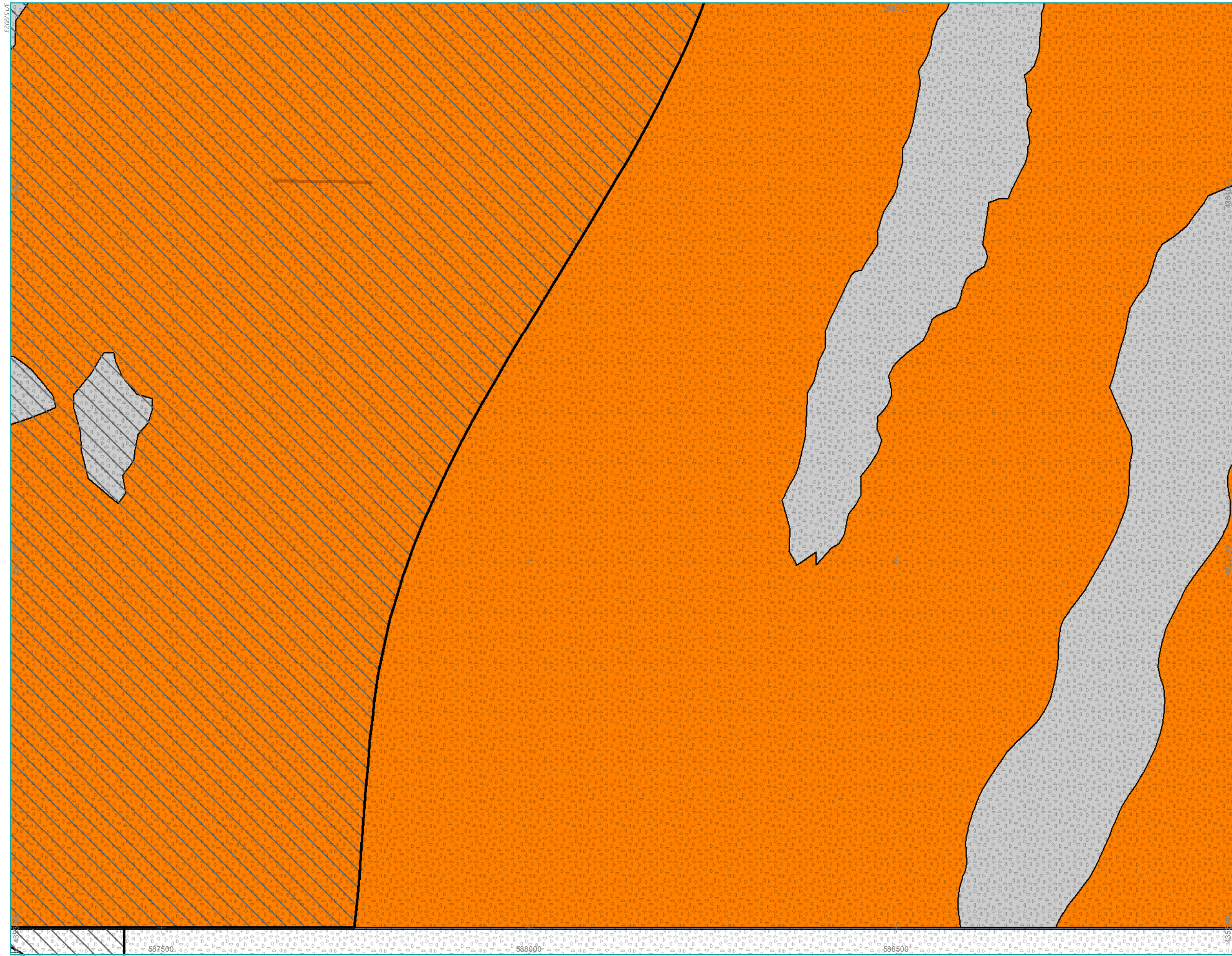
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Hummocky Seafloor
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549

3/17/2023



- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Hummocky Seafloor
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

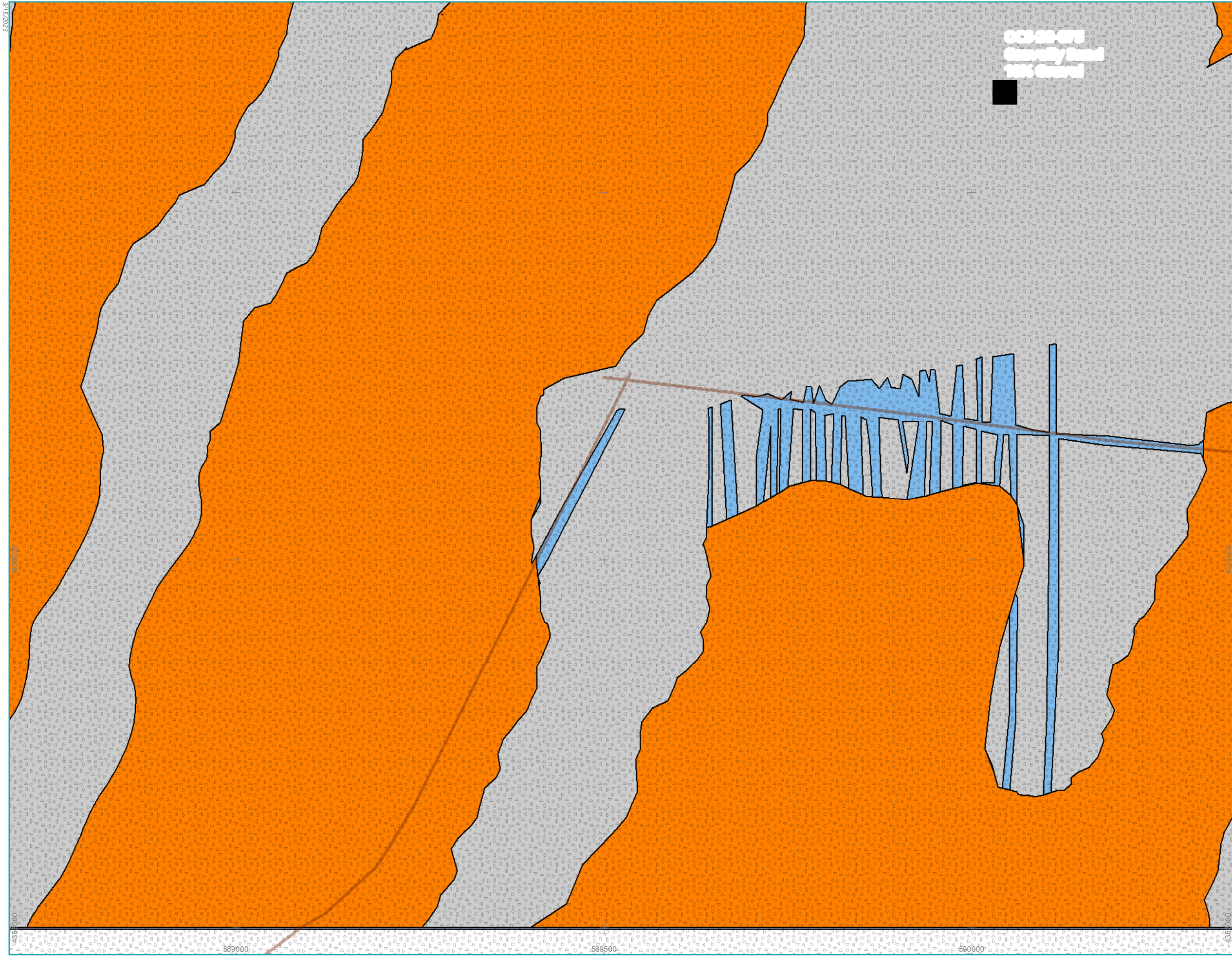
LEGEND

-  Seabed Scar
 Ripple
 Sand Wave
 Mega Ripple
 Complex Habitat
 Soft Bottom Habitat
 Lease Area OCS-A-0499
 Lease Area OCS-A-0549

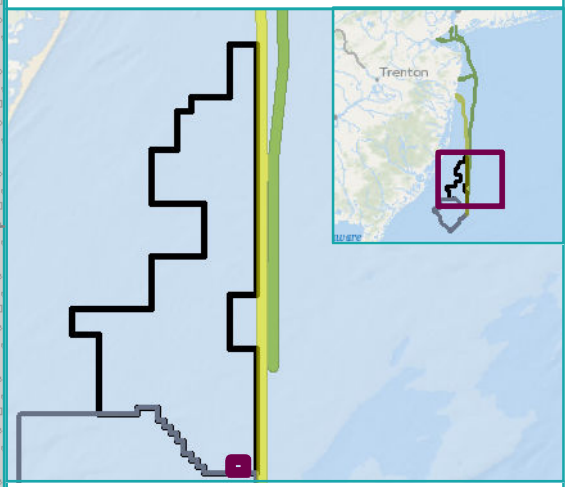
Atlantic Shores North EFH Maps 1:5000 Scale

Lease Area OCS-A-0549
Slide 209 of 211

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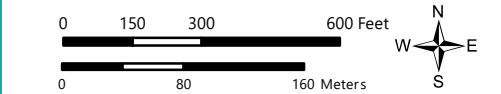
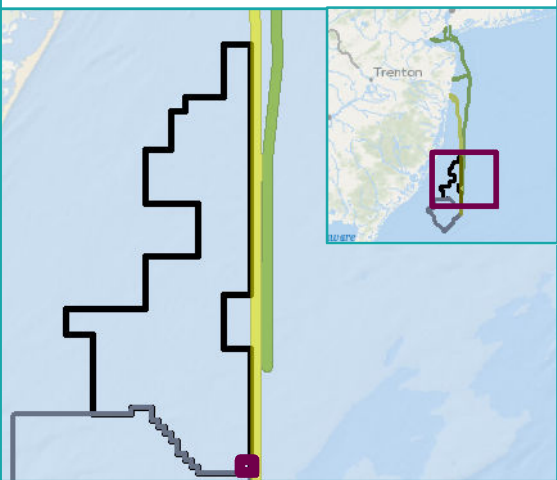
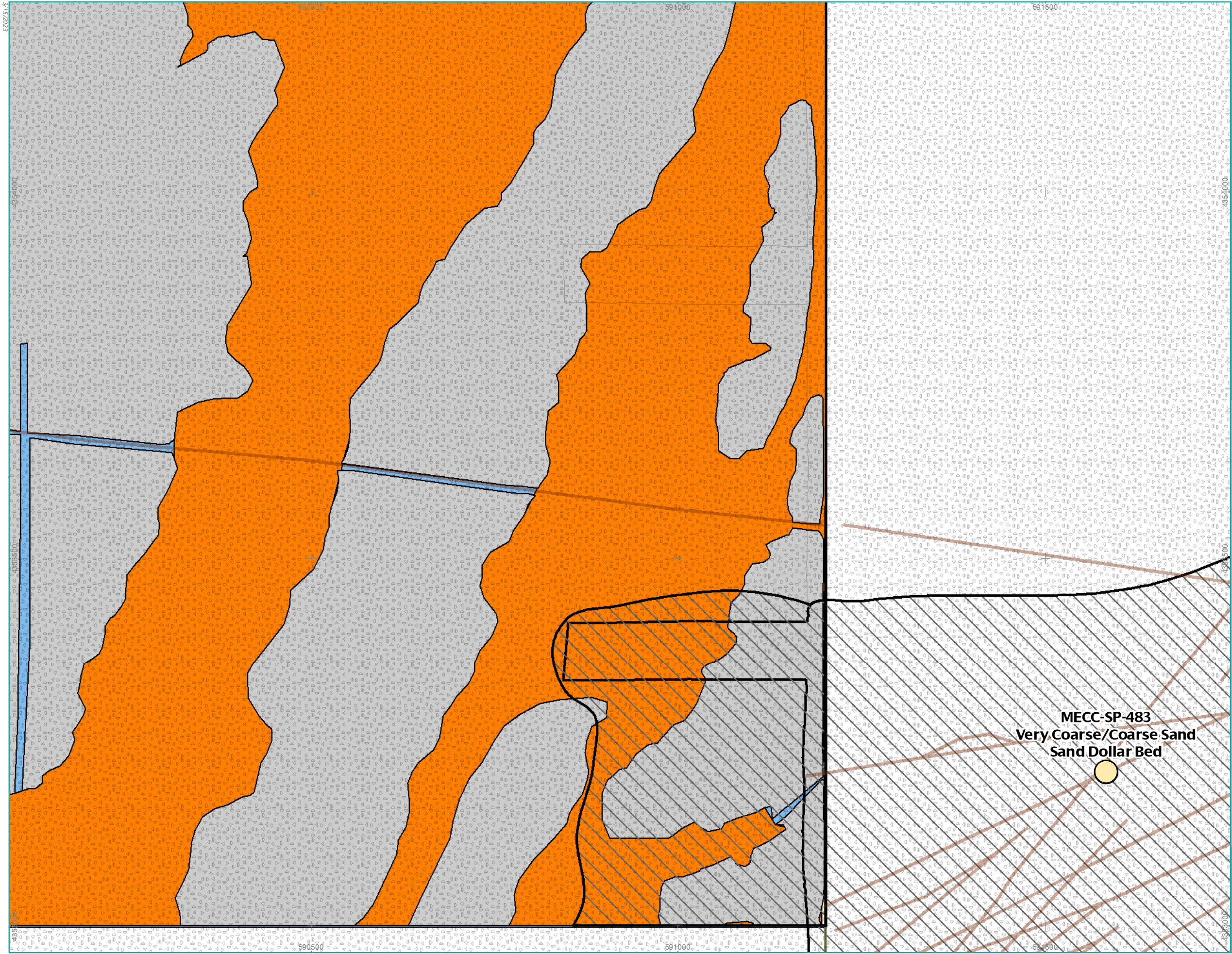
OCS-A-0549
Complex Habitat
10% Complex



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Lease Area OCS-A-0499
 - Lease Area OCS-A-0549

3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

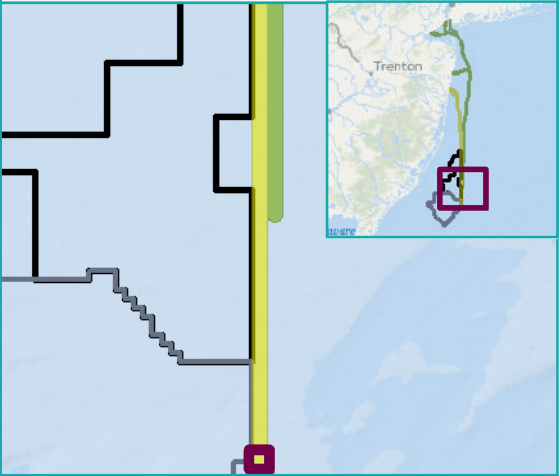
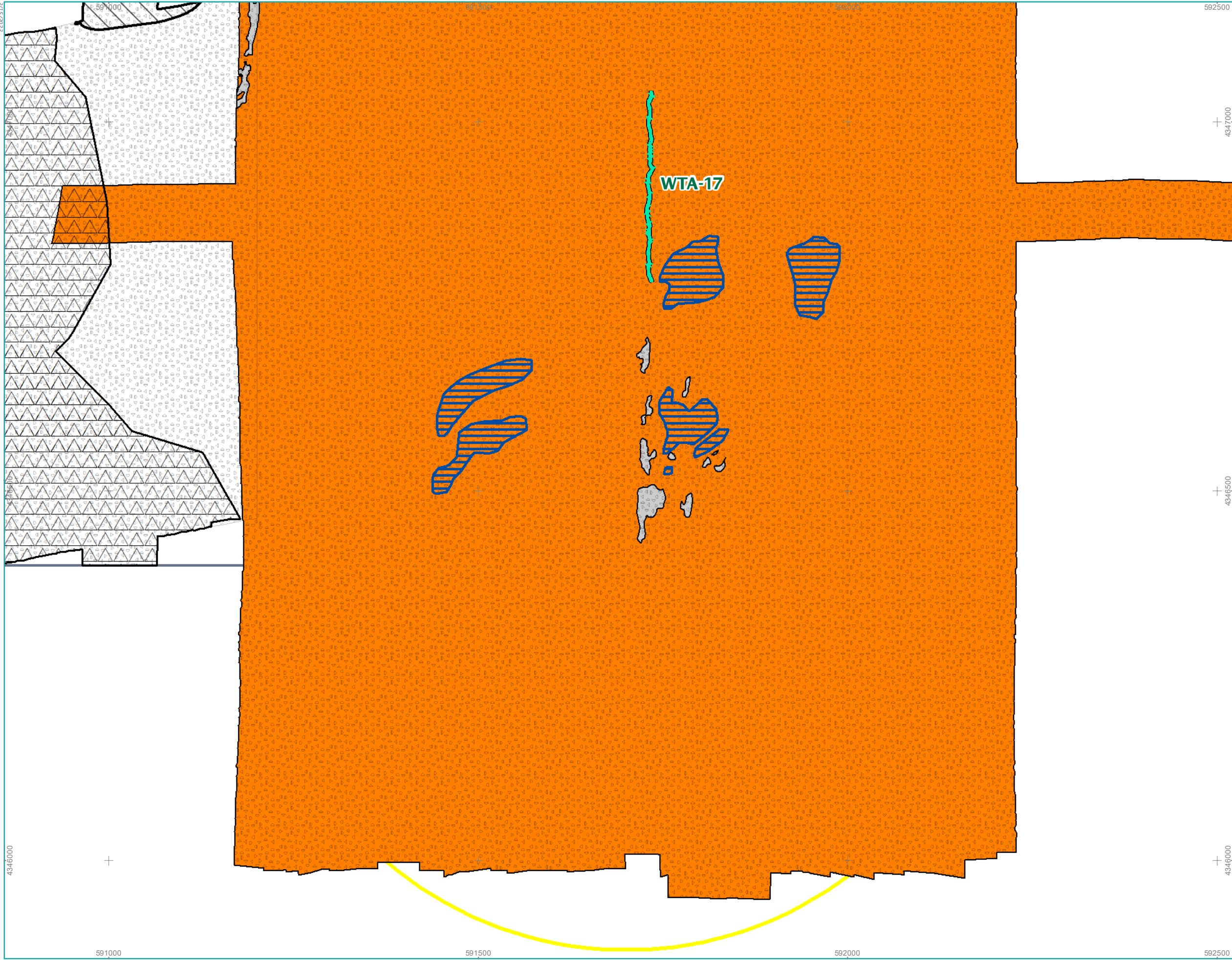
LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549
- Monmouth Export Cable Corridor (ECC)

Attachment 4

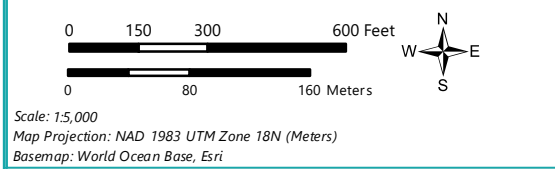
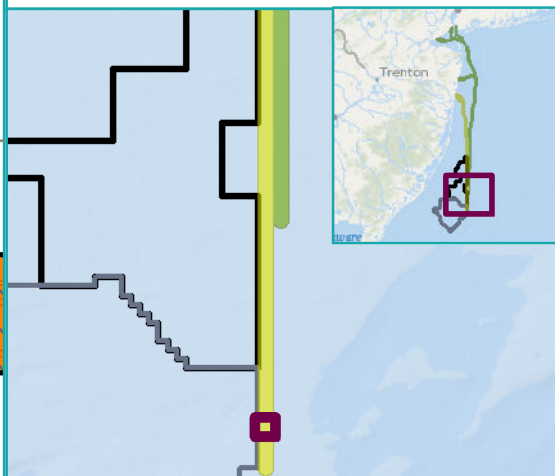
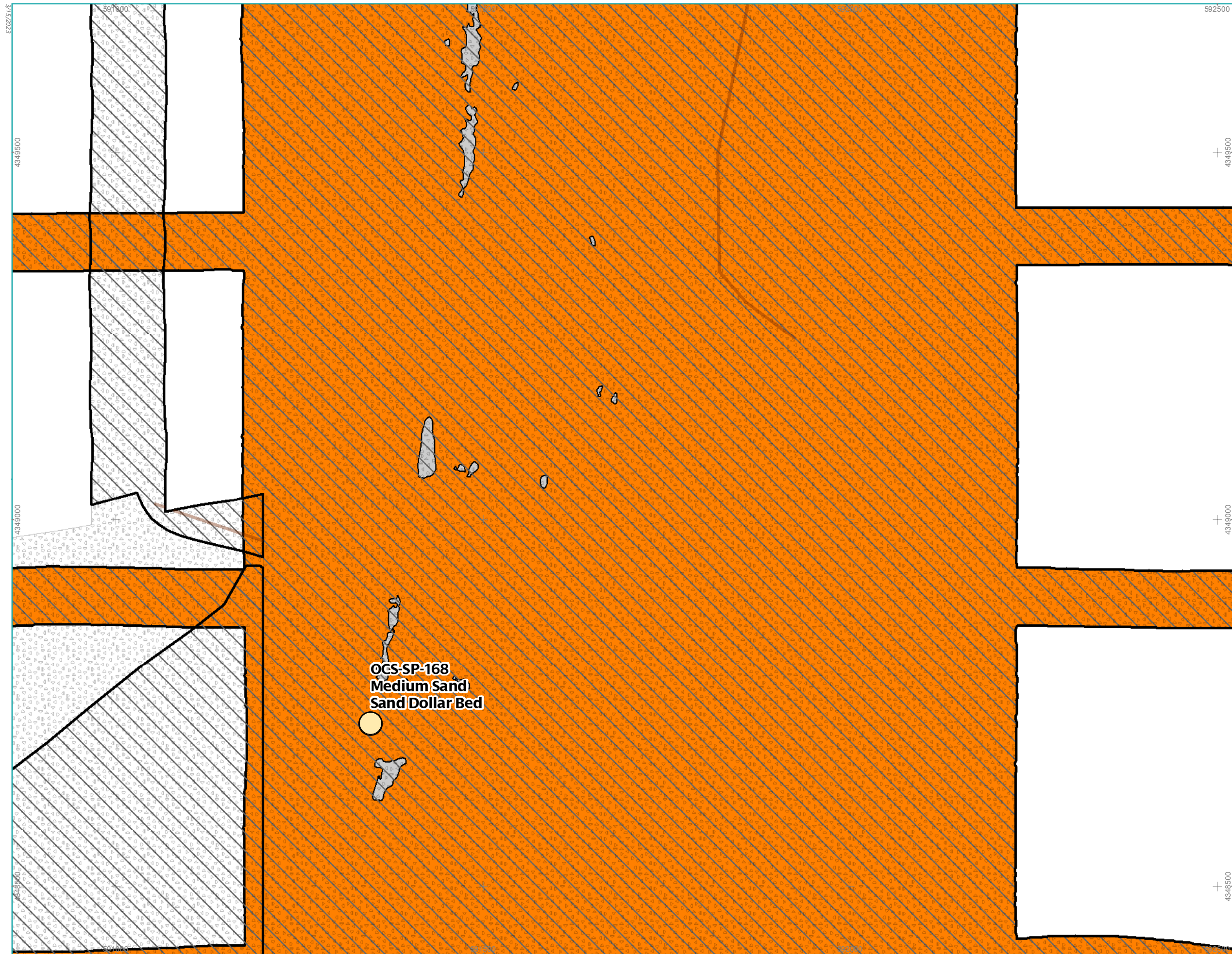
EFH Maps – 1:5,000 Scale

Monmouth Export Cable Corridor

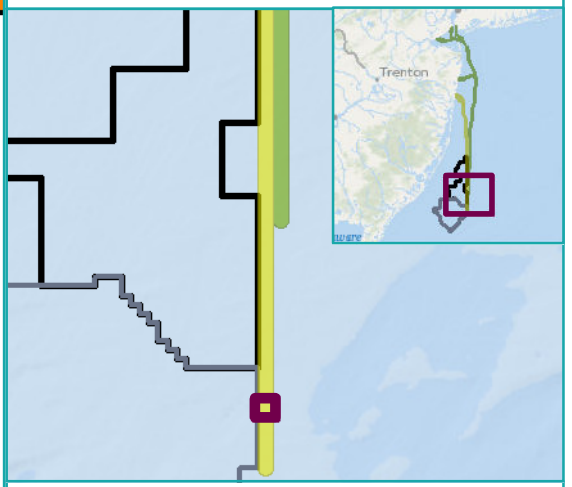
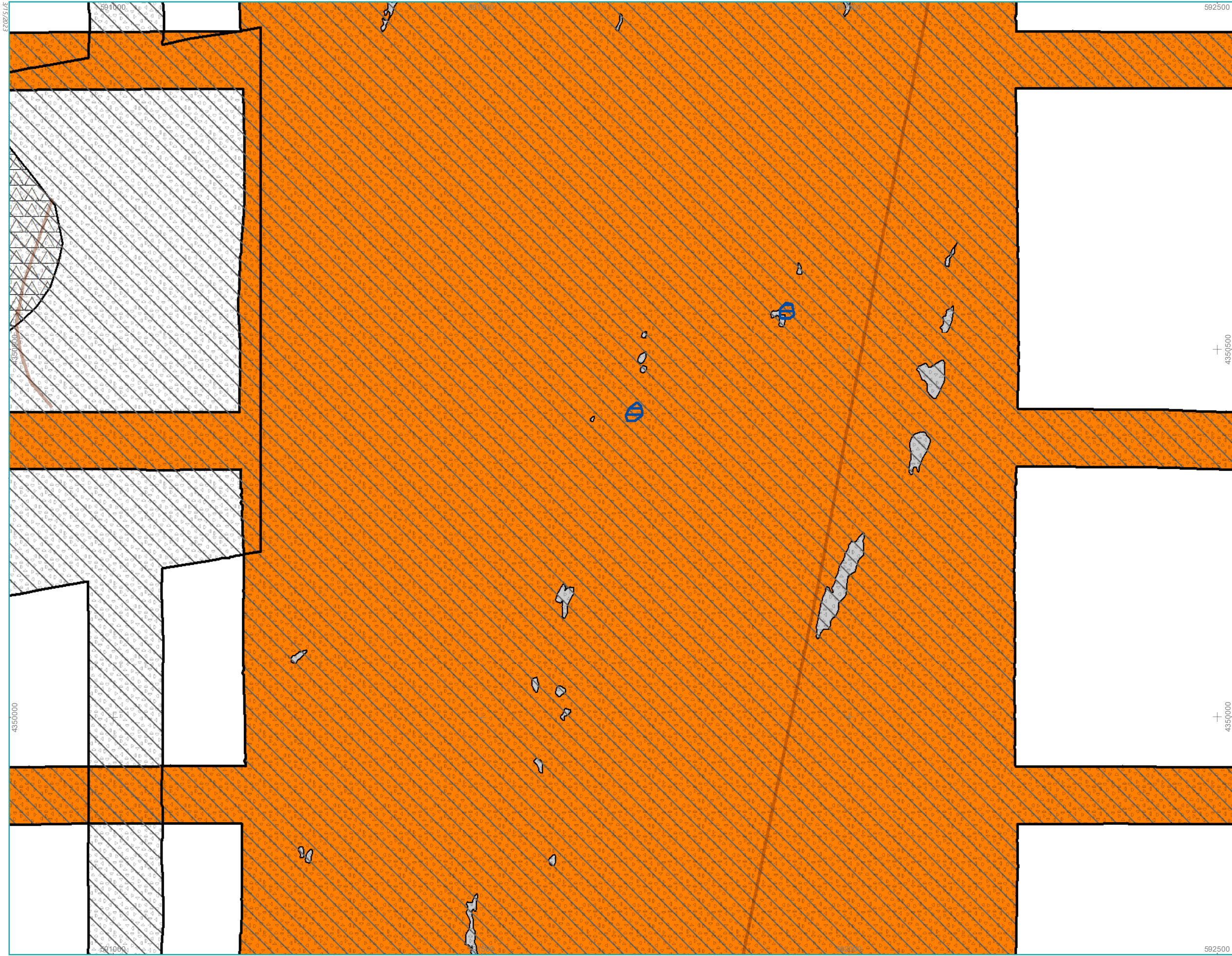


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0499

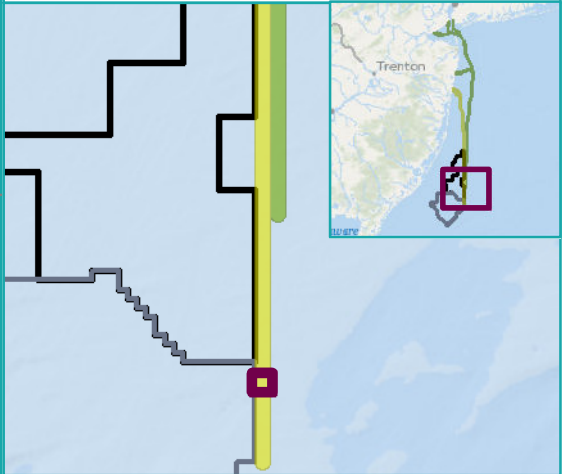
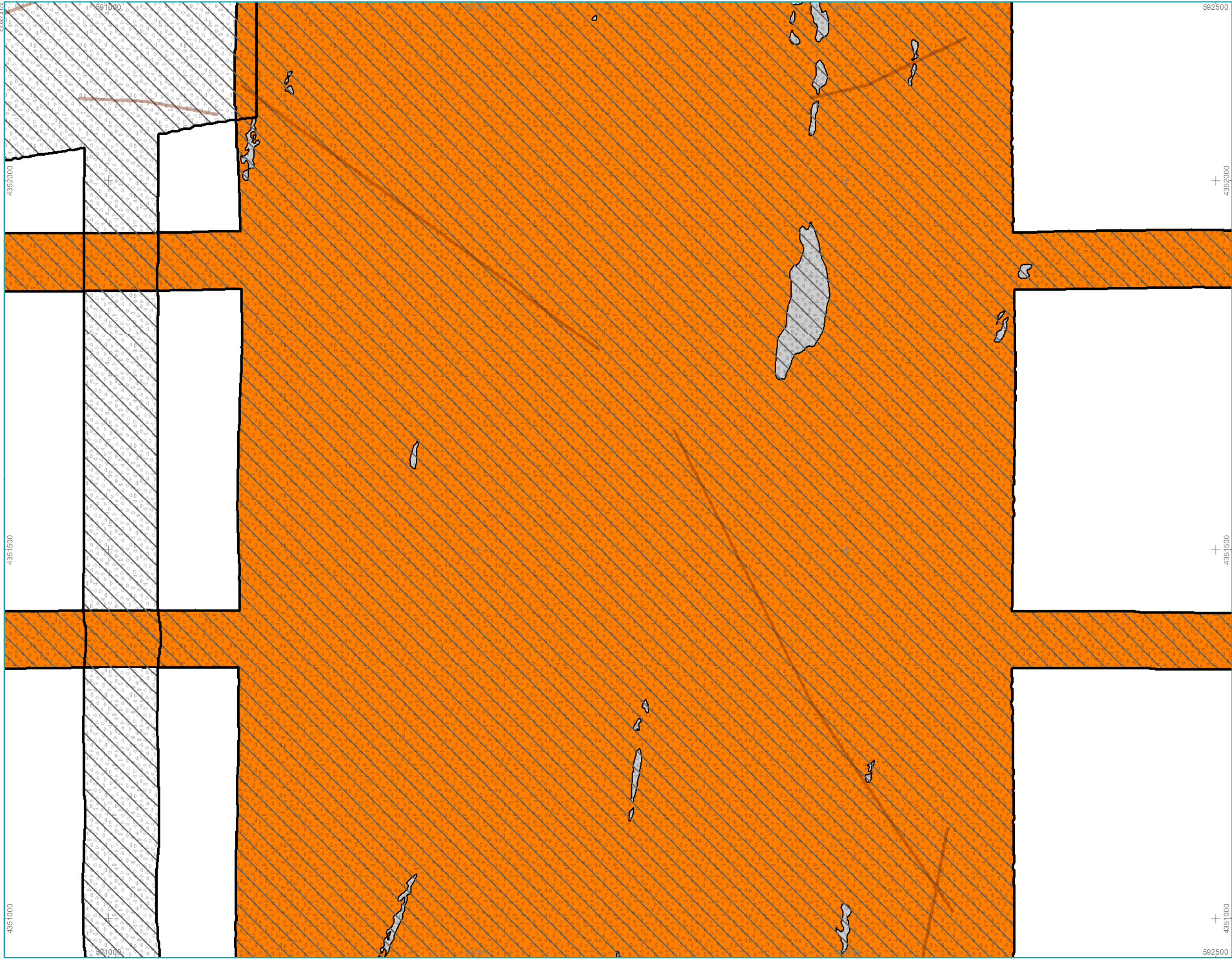


- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0499



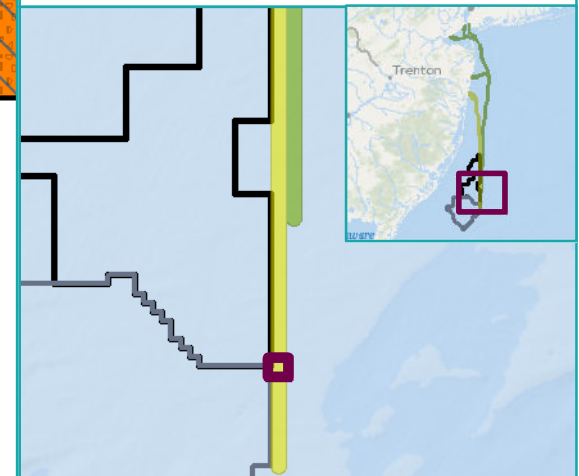
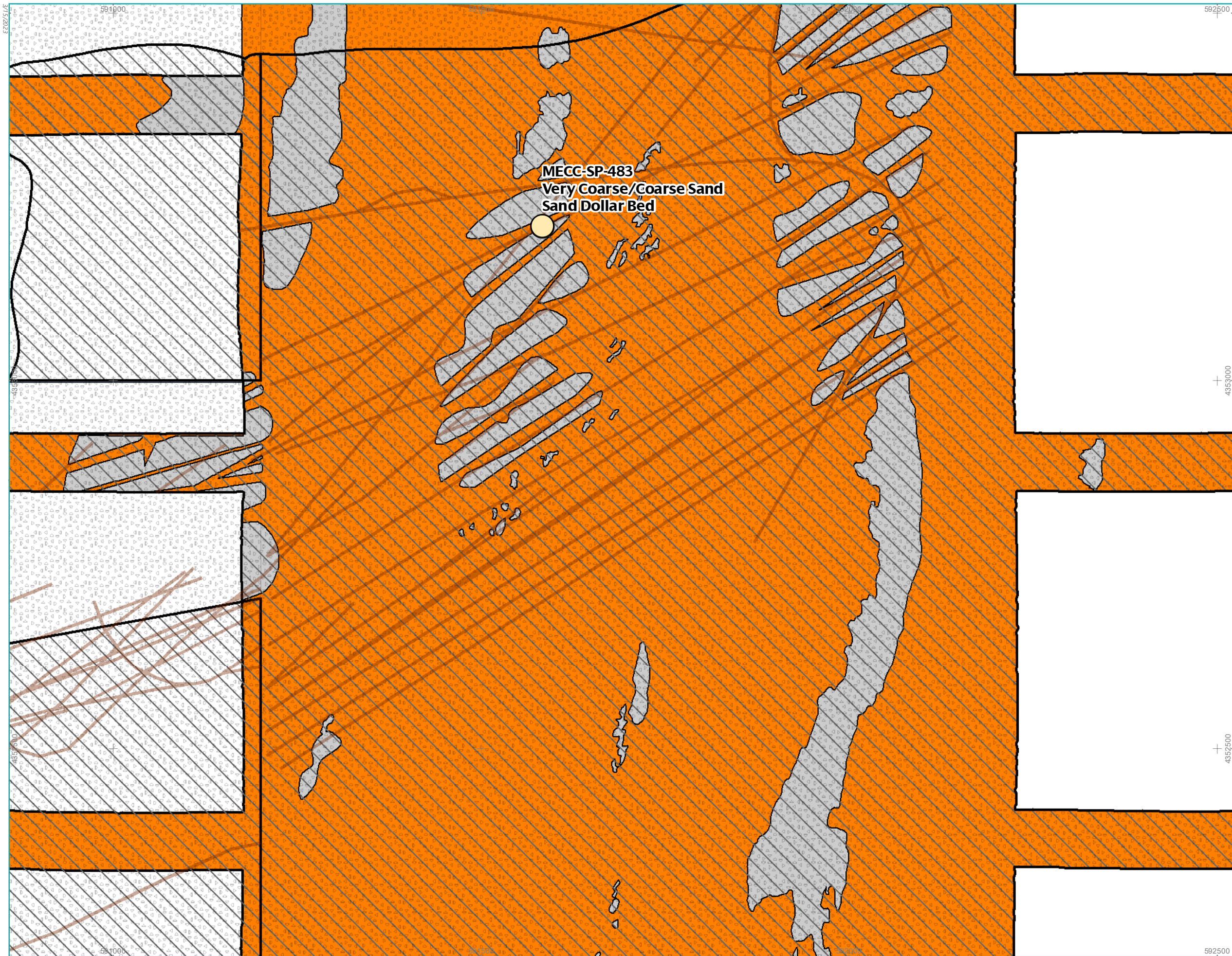
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0499



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

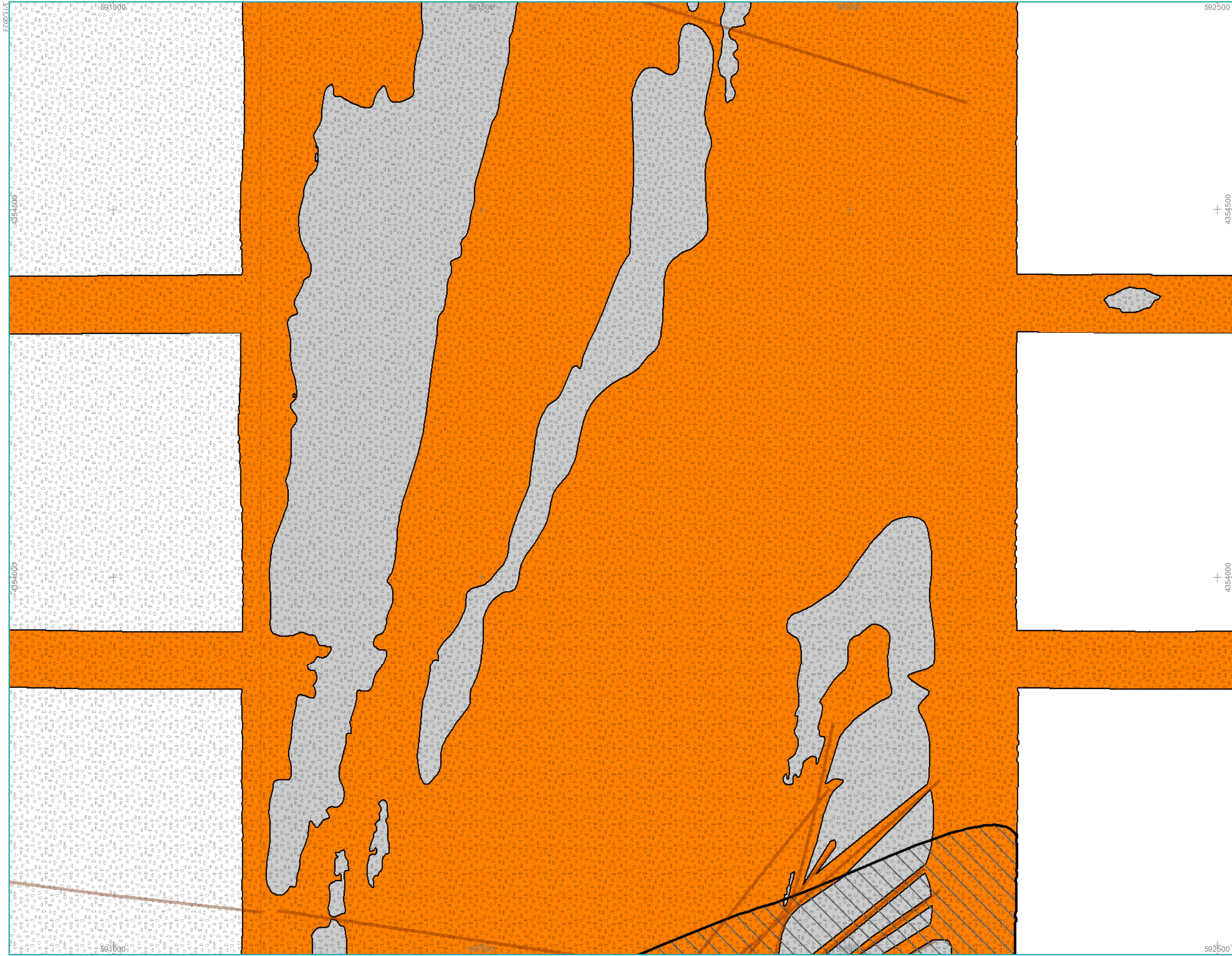
- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0499



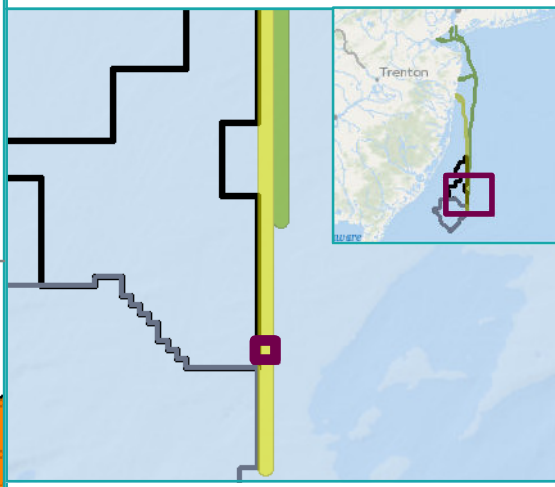
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Lease Area OCS-A-0499
- Lease Area OCS-A-0549



3/1/2023

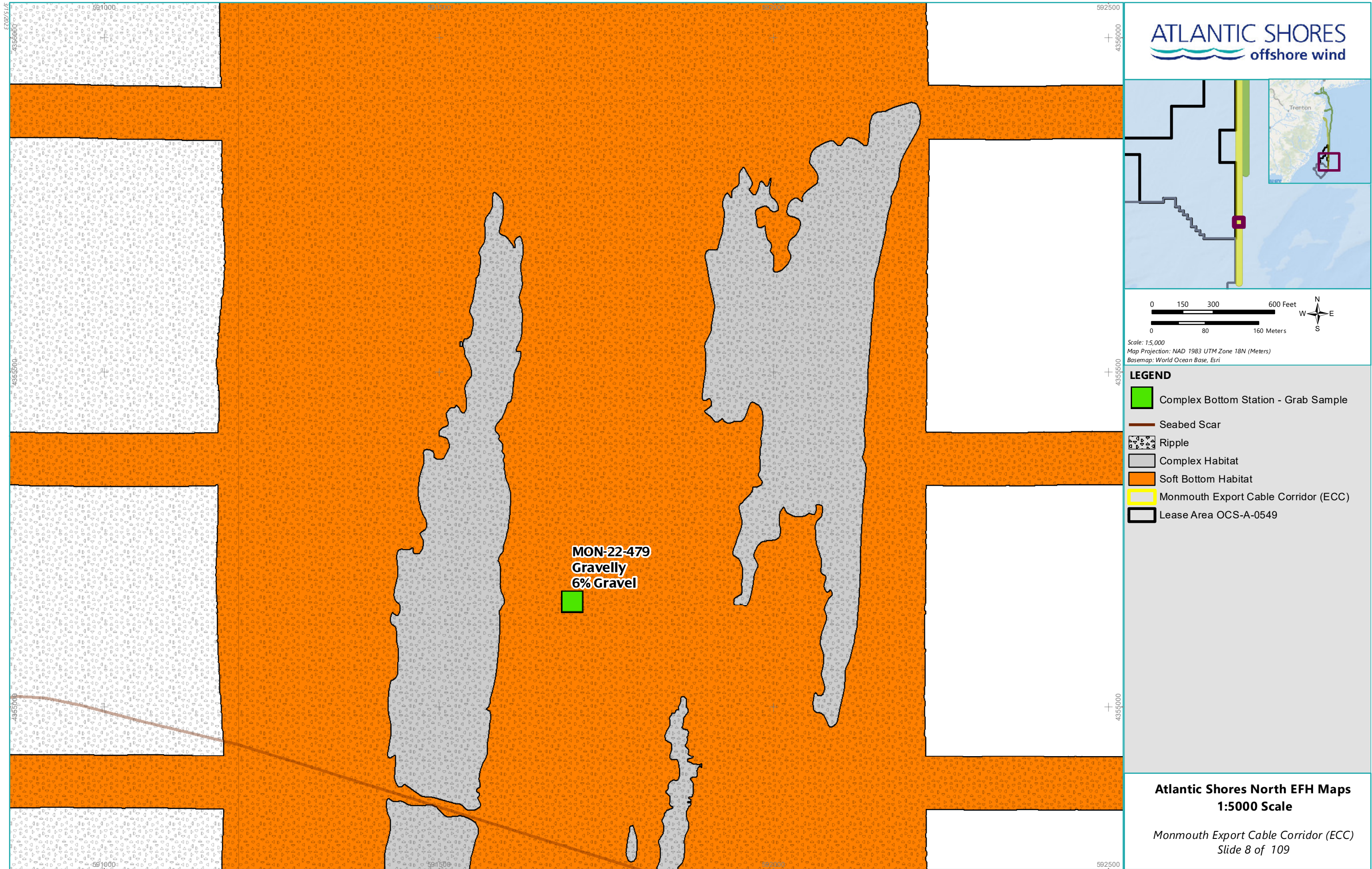


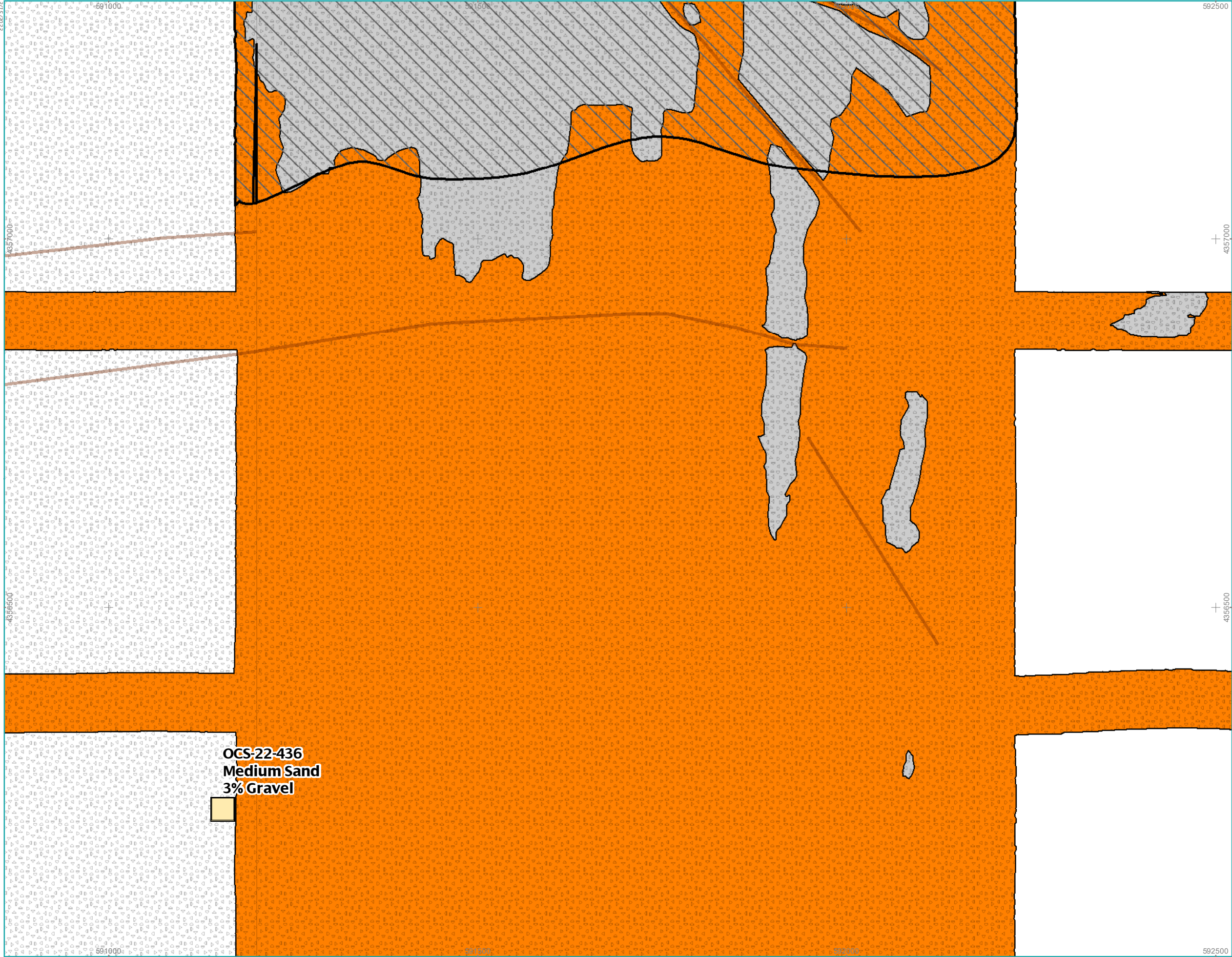
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

**Atlantic Shores North EFH Maps
1:5000 Scale**

*Monmouth Export Cable Corridor (ECC)
Slide 7 of 109*





0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

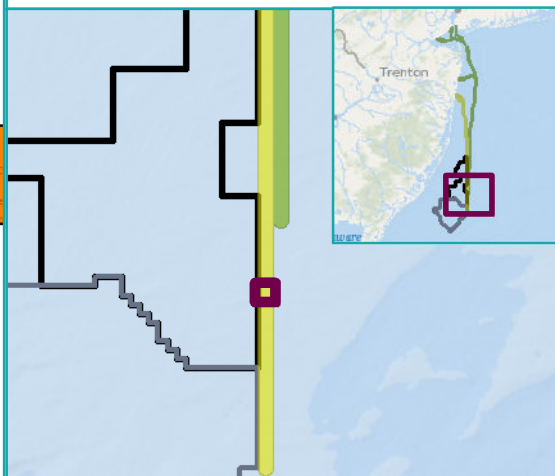
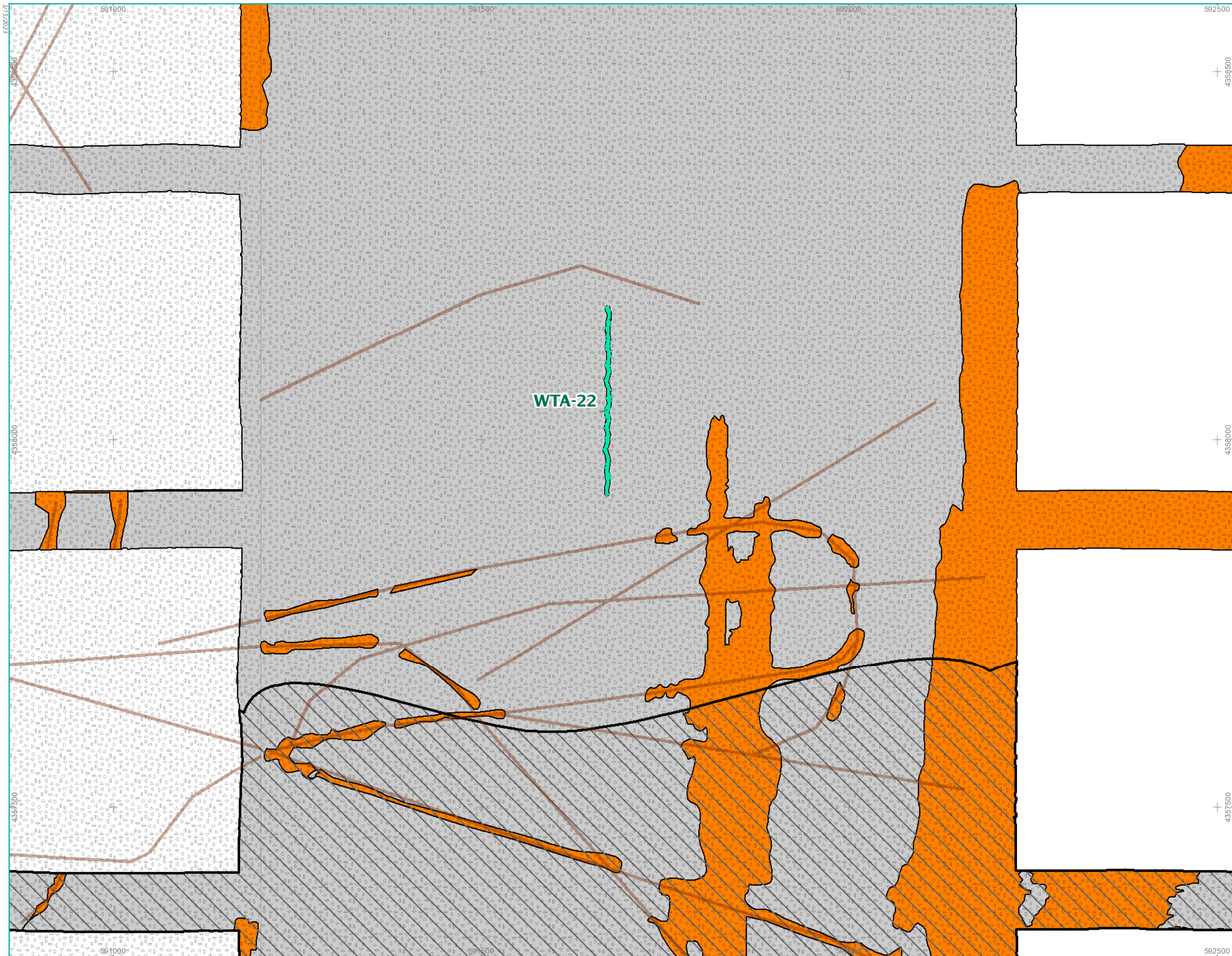
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Lease Area OCS-A-0549

Atlantic Shores North EFH Maps

1:5000 Scale

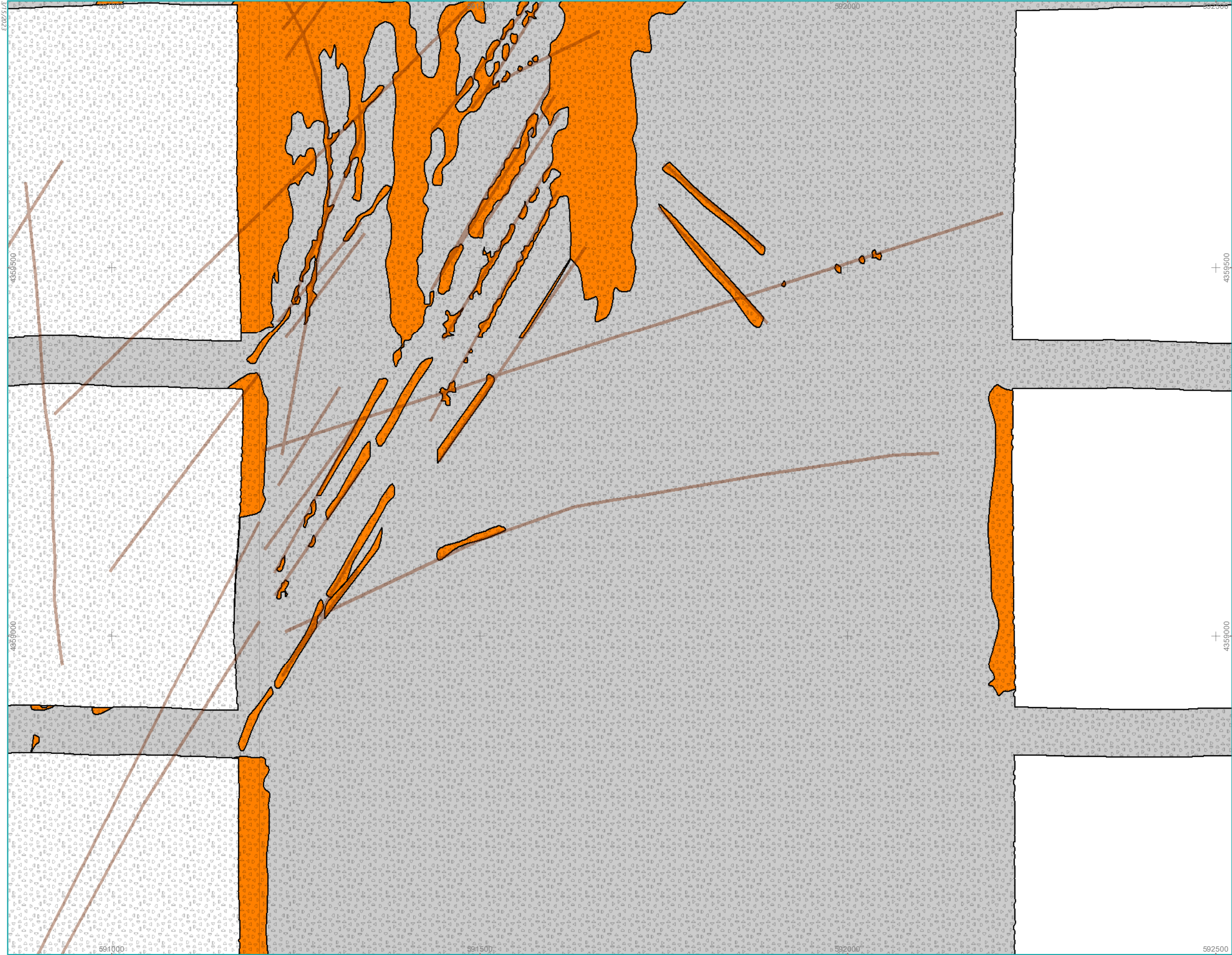
Monmouth Export Cable Corridor (ECC)

Slide 9 of 109



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

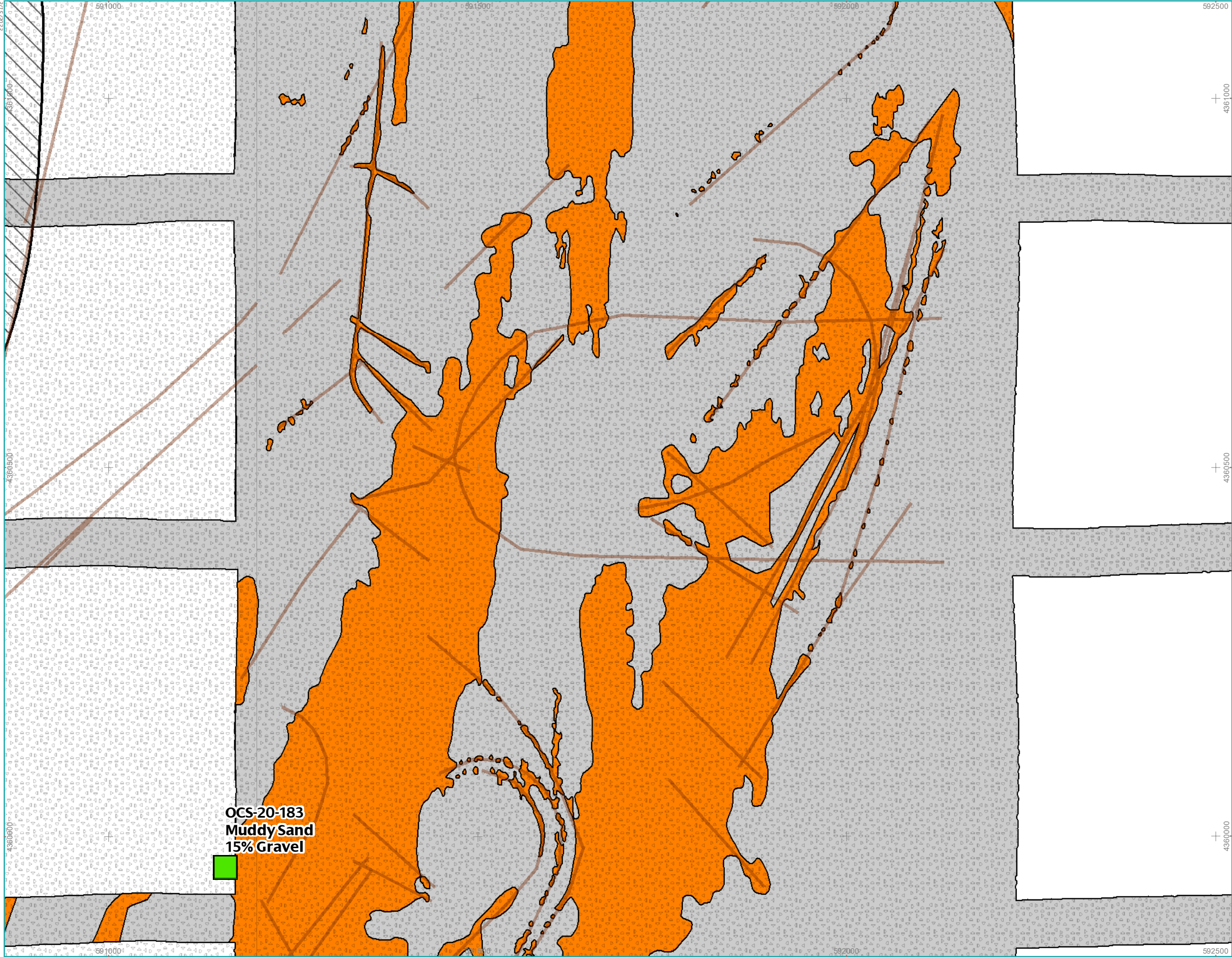


Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

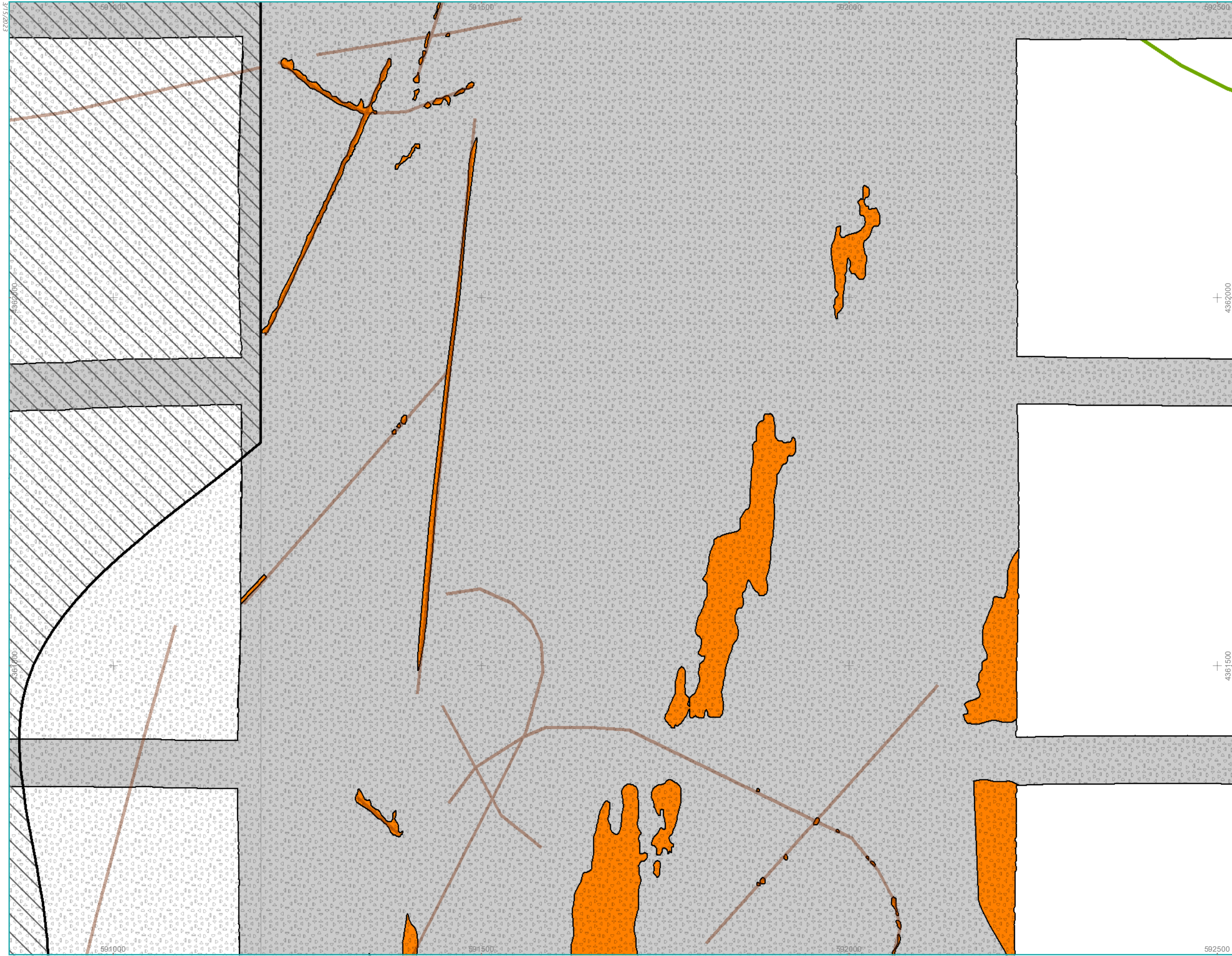


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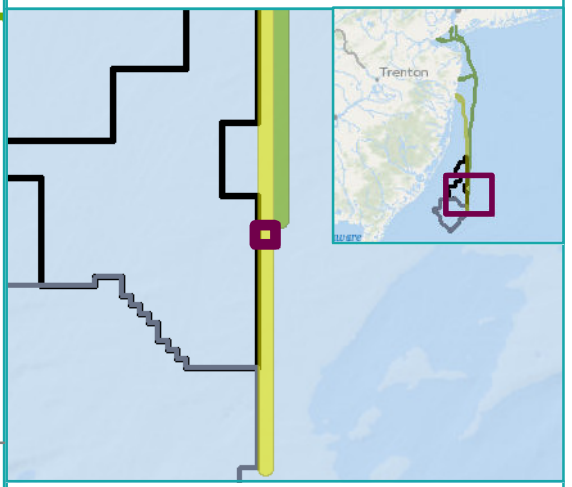
Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

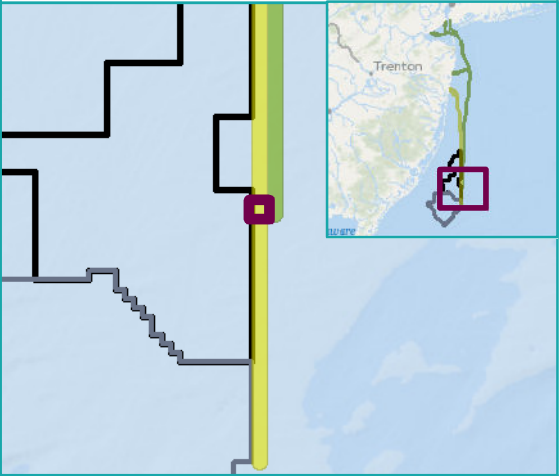
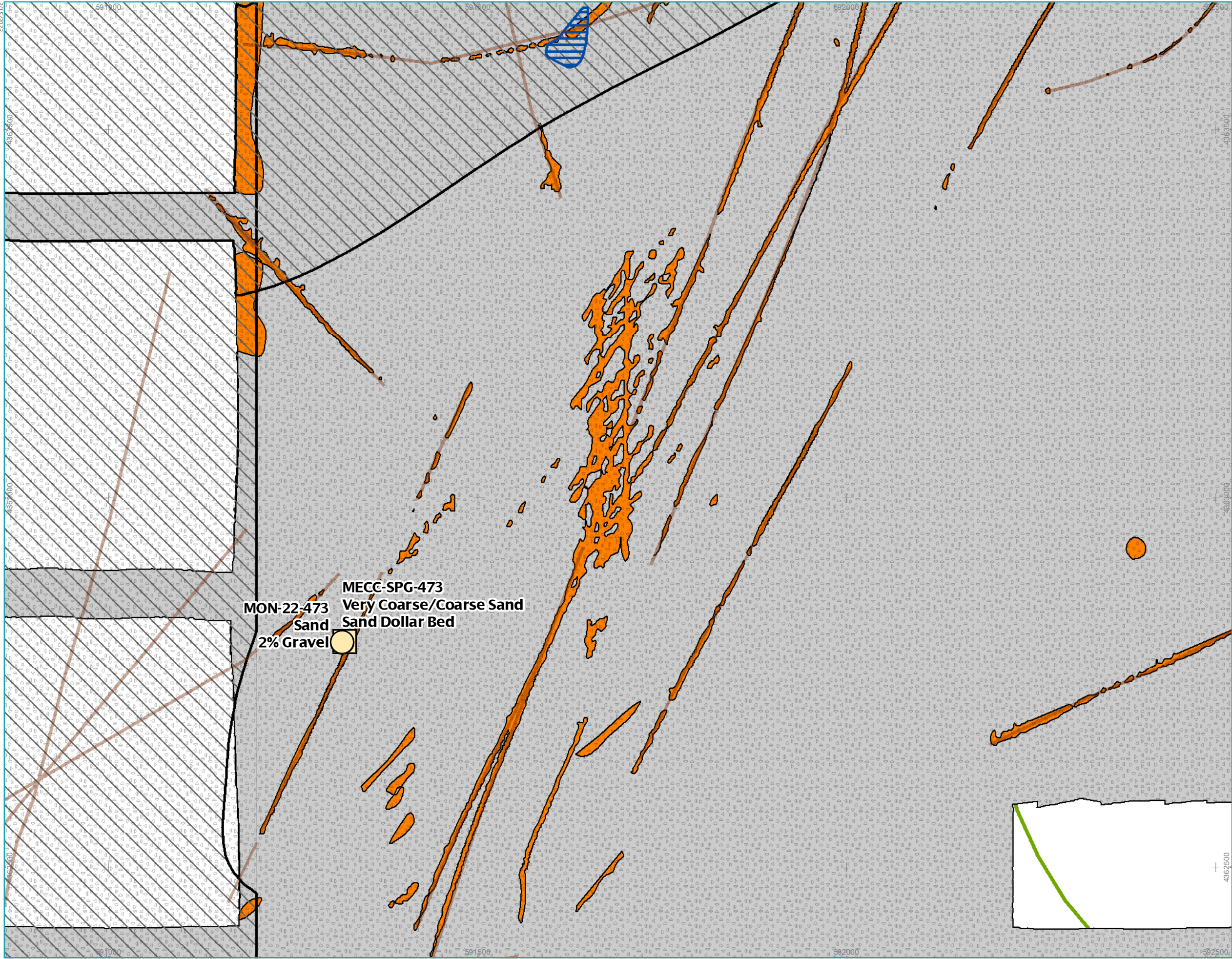


3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

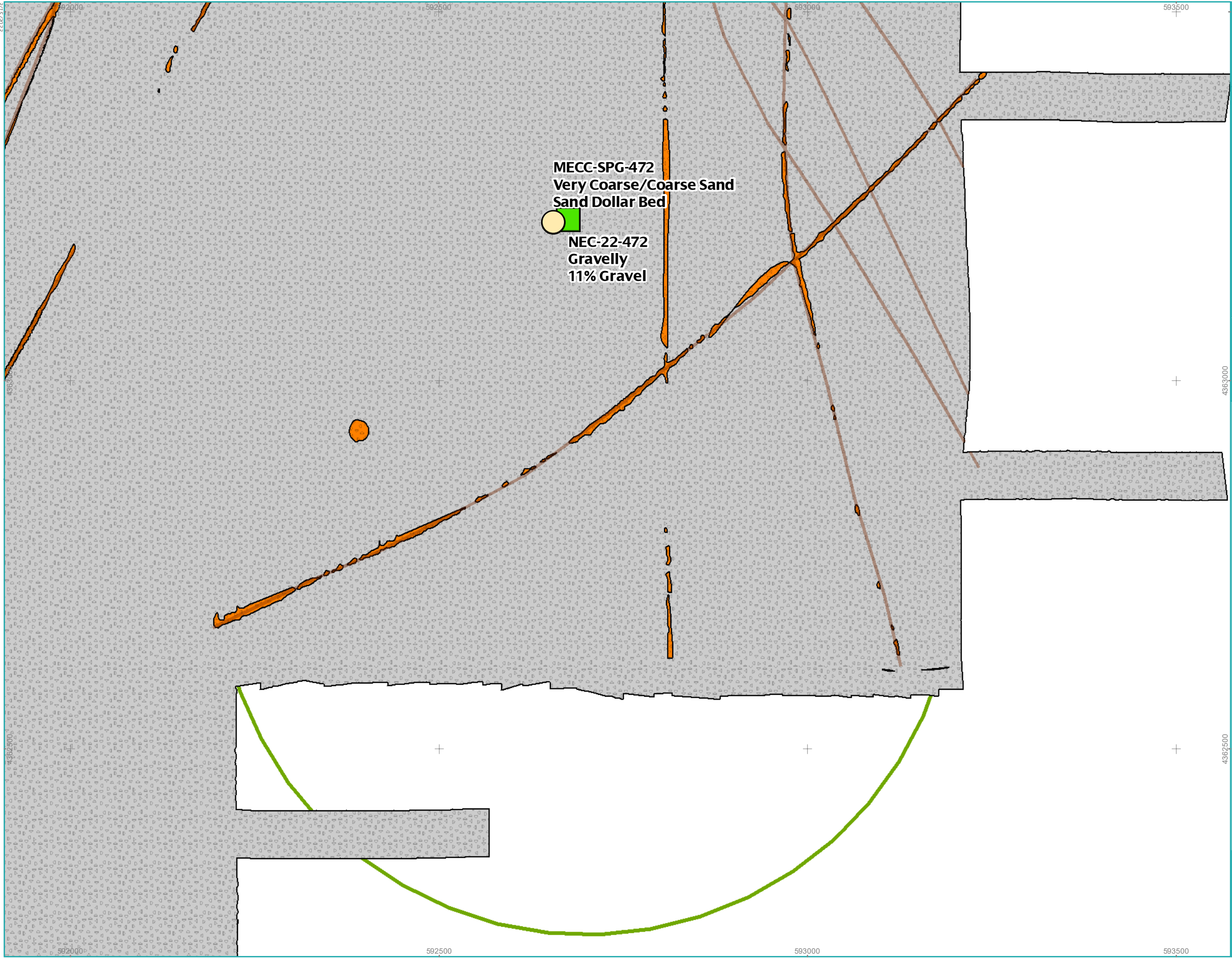
- LEGEND**
- Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



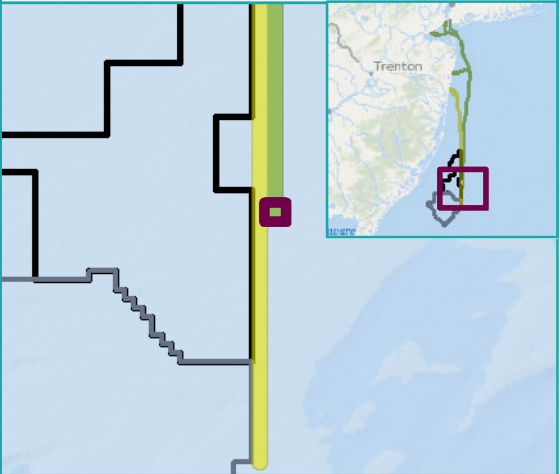
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)
- Lease Area OCS-A-0549



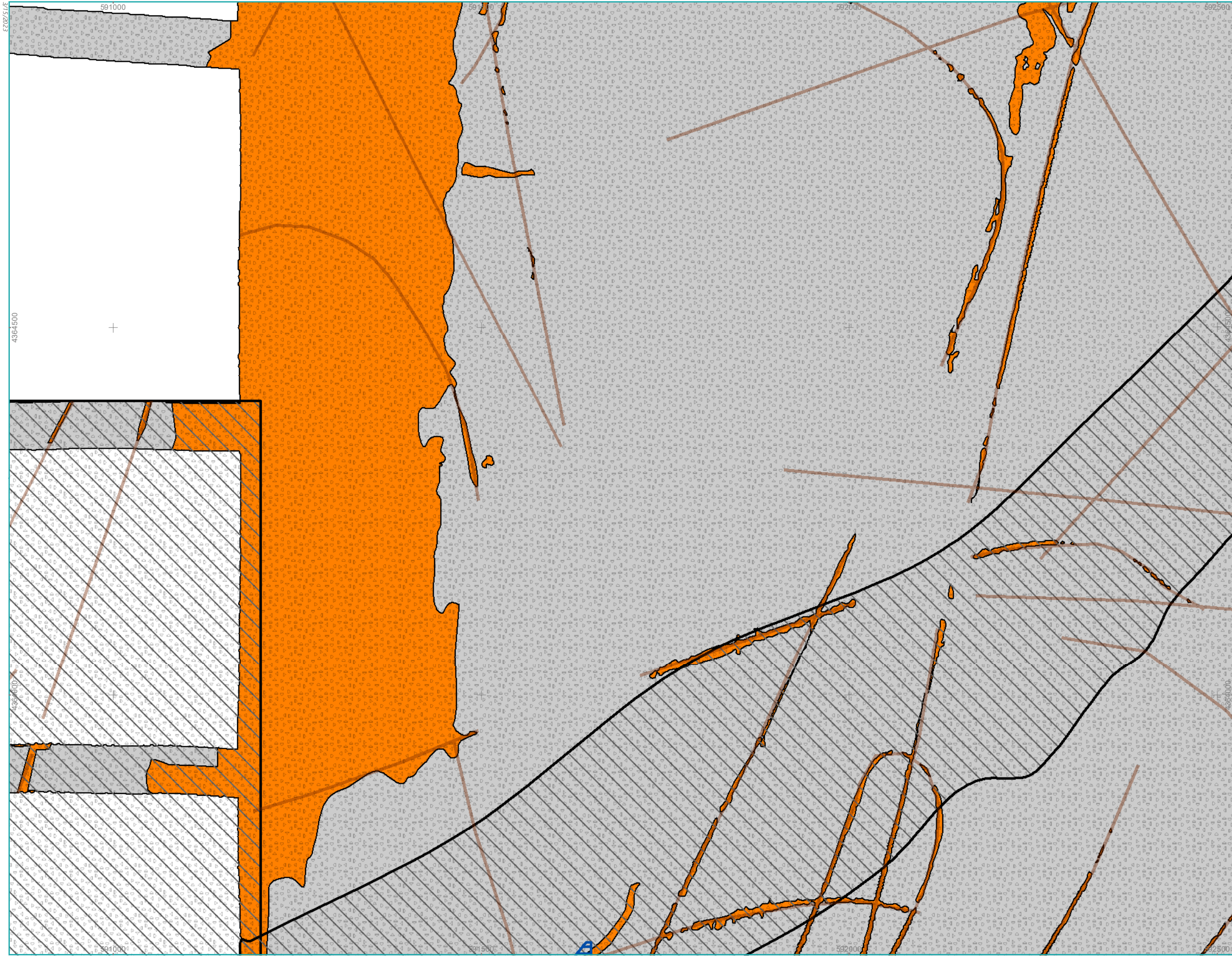
3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)



3/15/2023

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4364000

591000

591500

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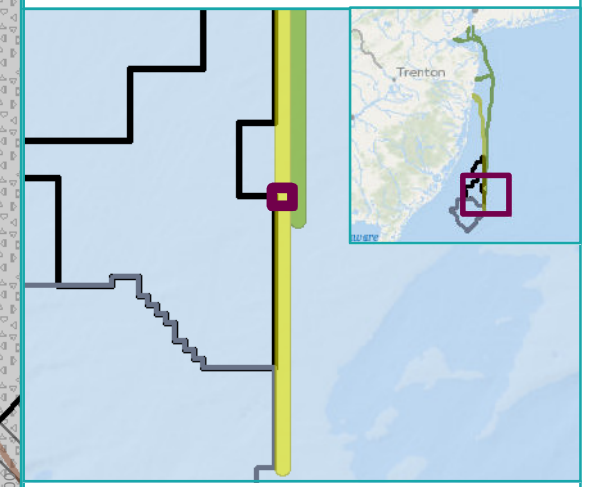
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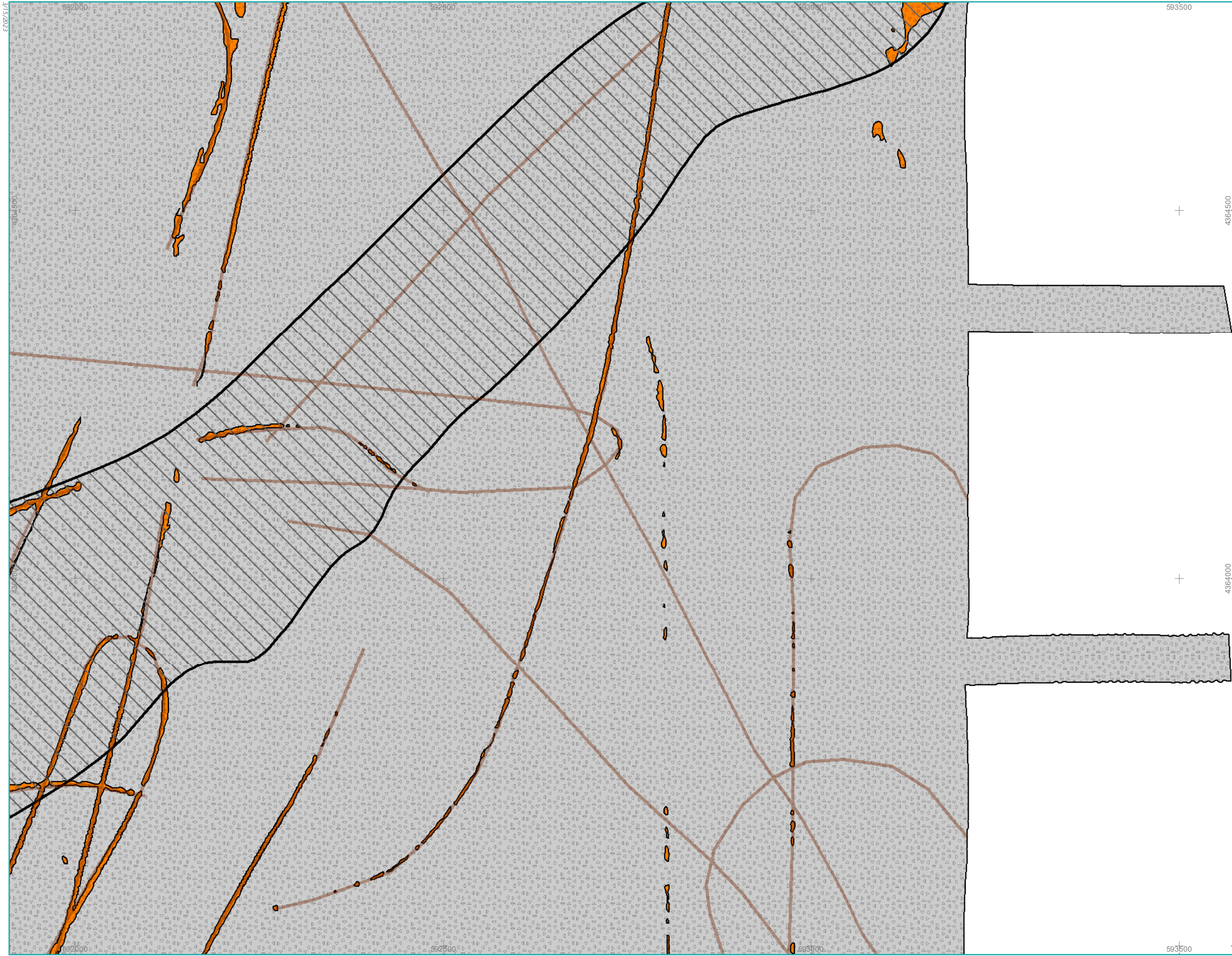
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
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 - Lease Area OCS-A-0549

3/17/2023



Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

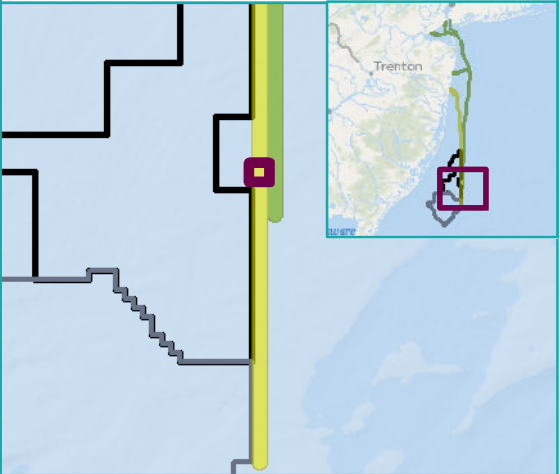
- LEGEND**
- Seabed Scar
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Monmouth Export Cable Corridor (ECC)

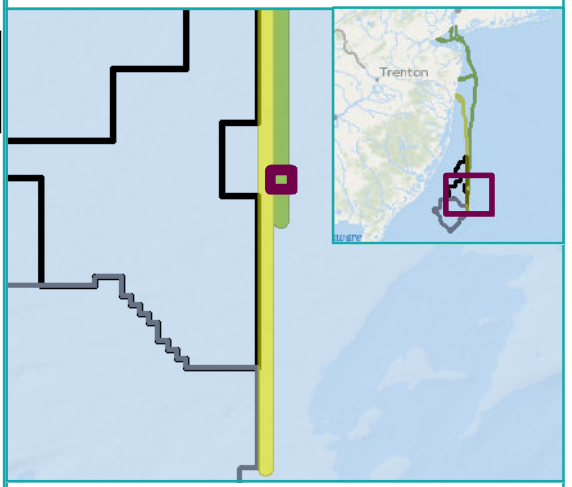
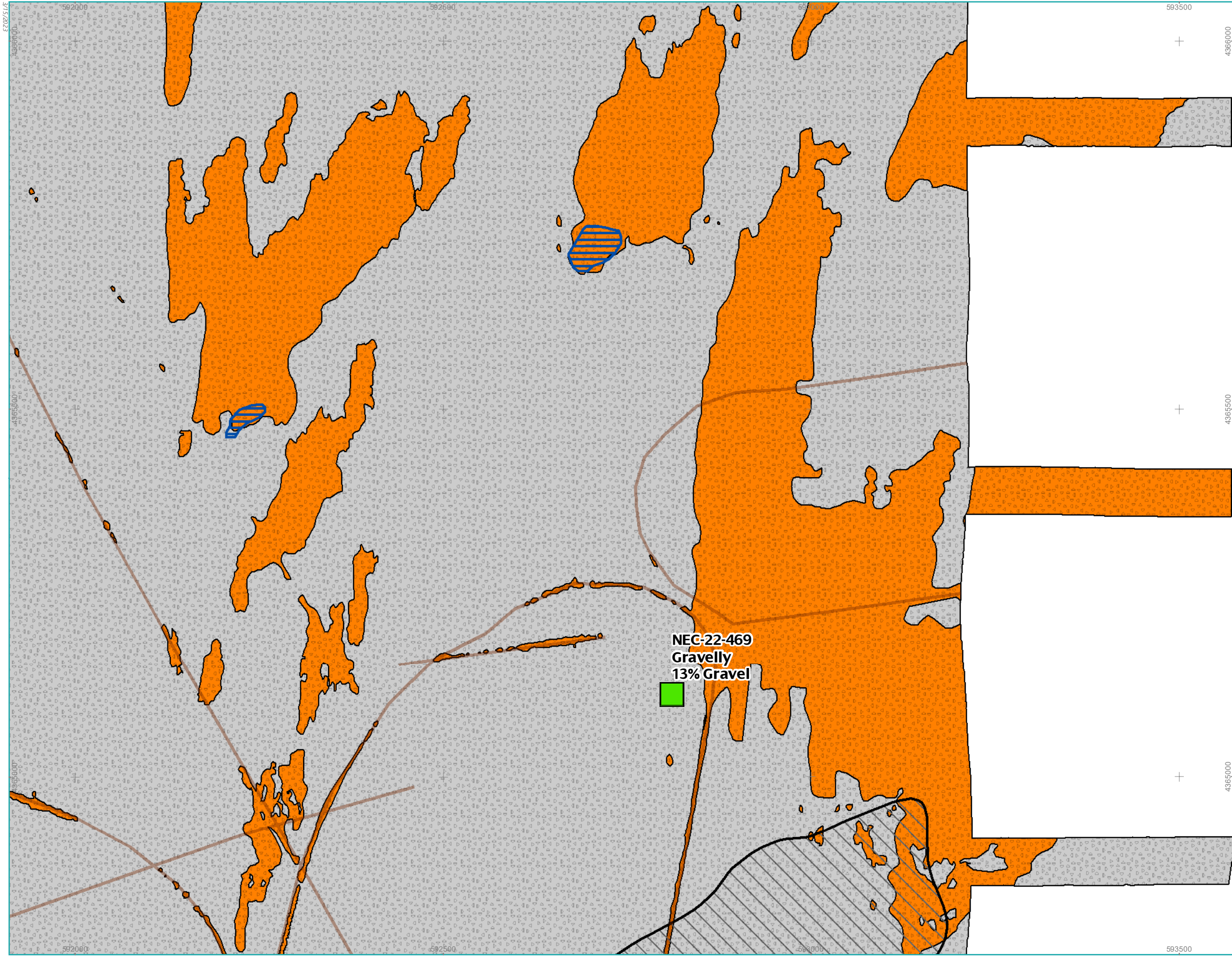
Slide 17 of 109



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

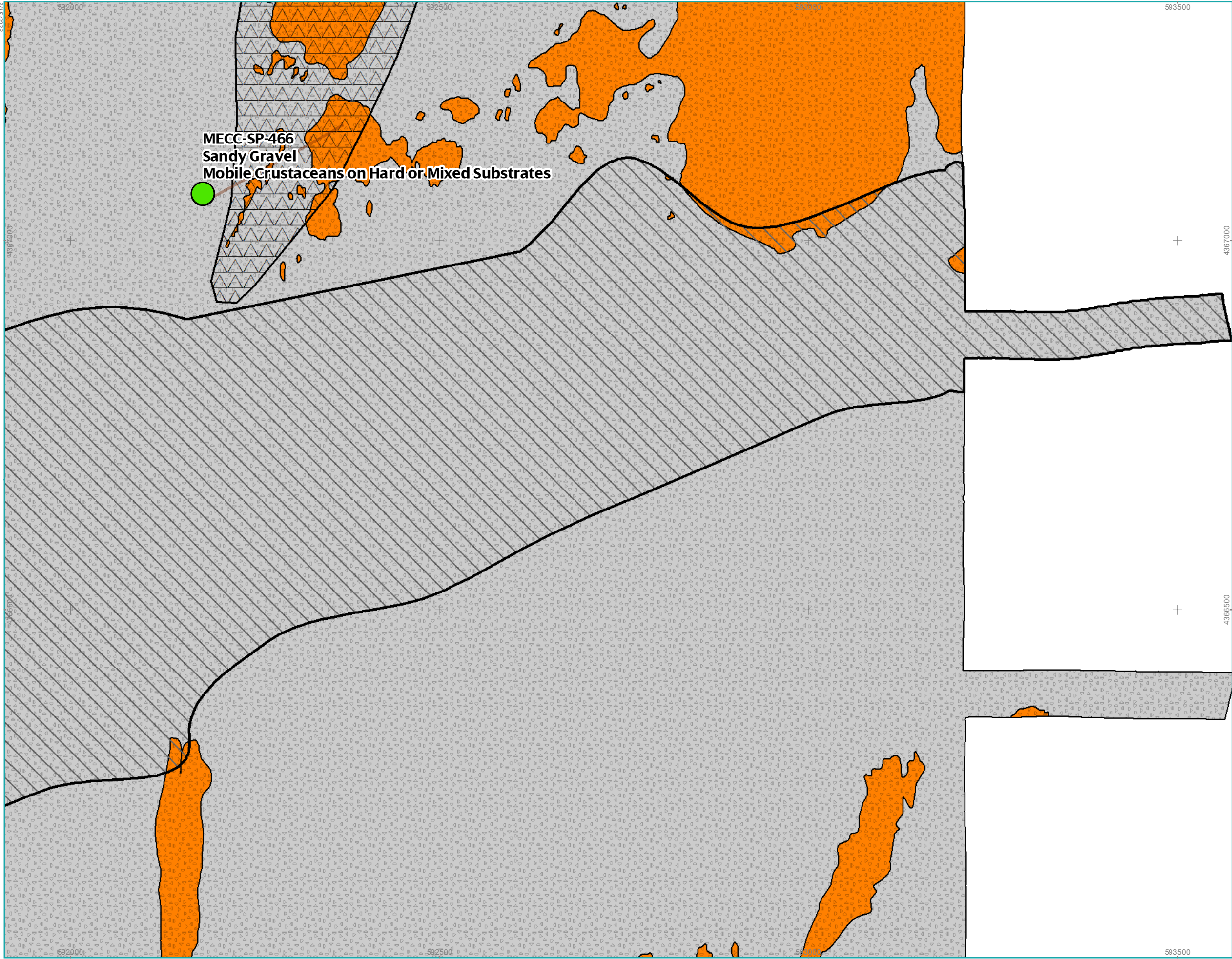
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)



0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

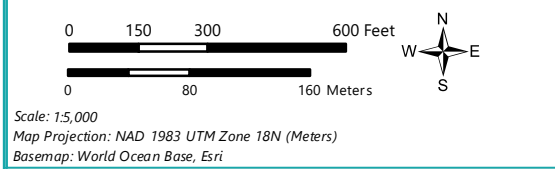
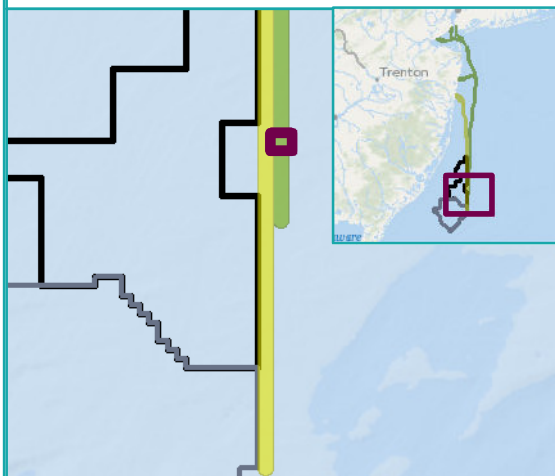
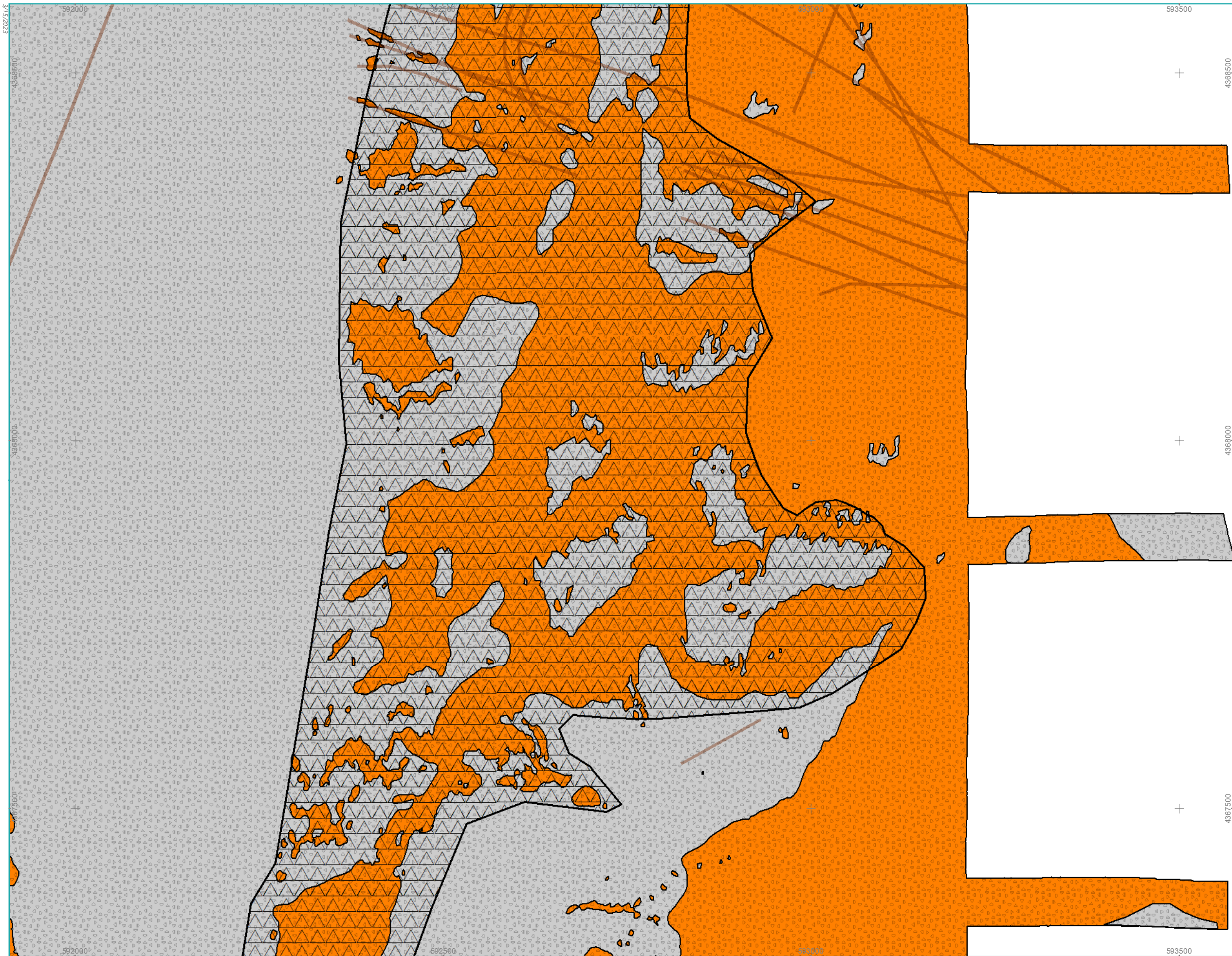
- Complex Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Monmouth Export Cable Corridor (ECC)

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- LEGEND**
- Seabed Scar
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

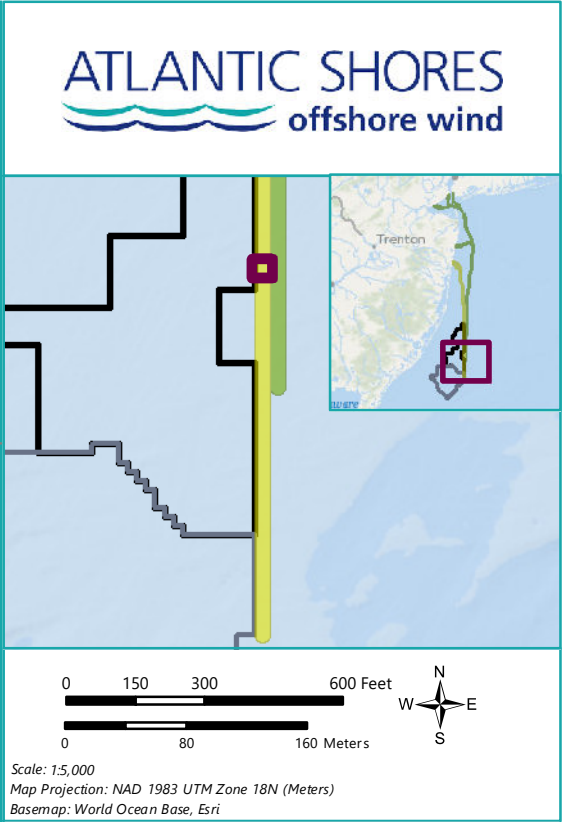
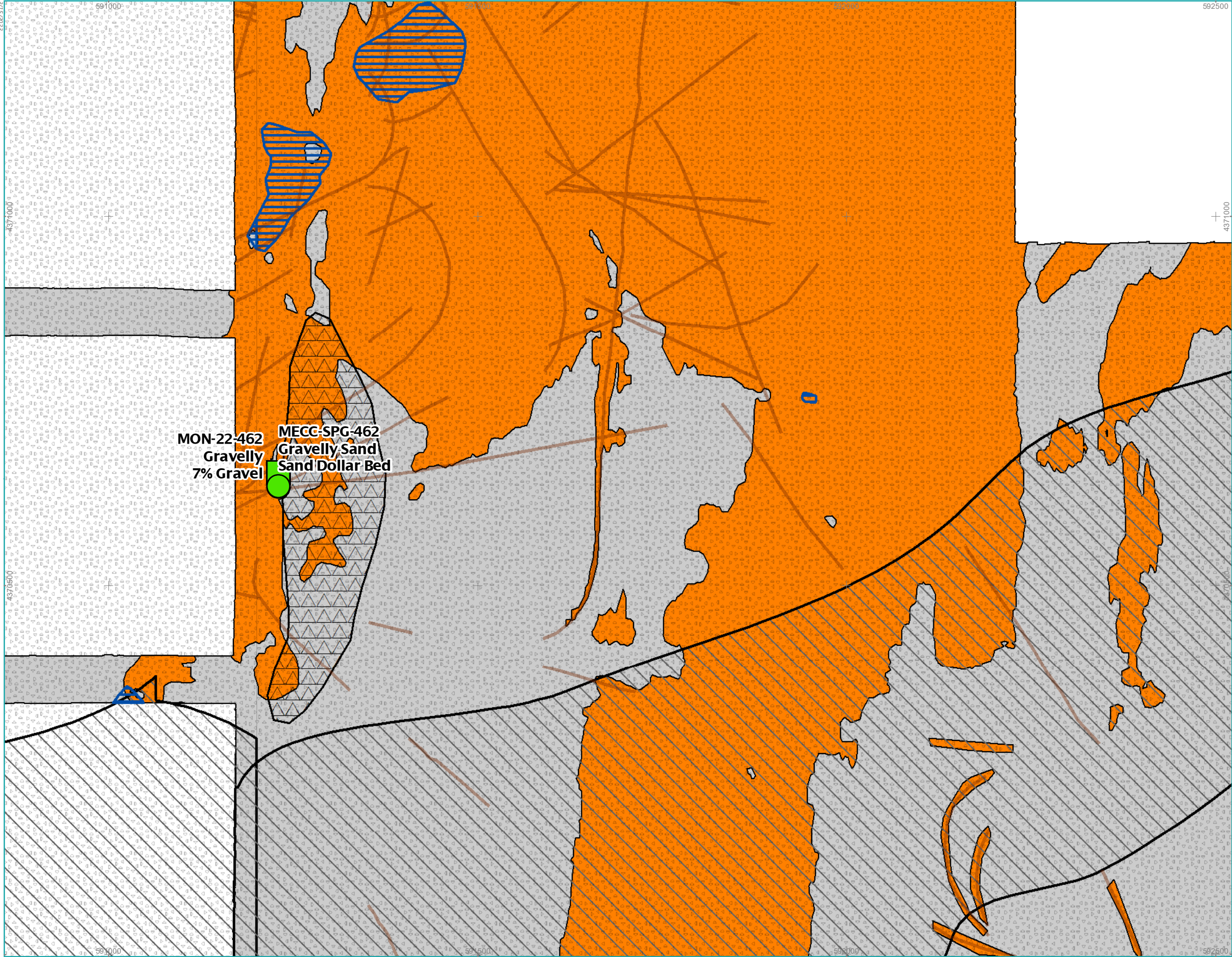


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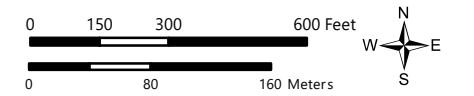
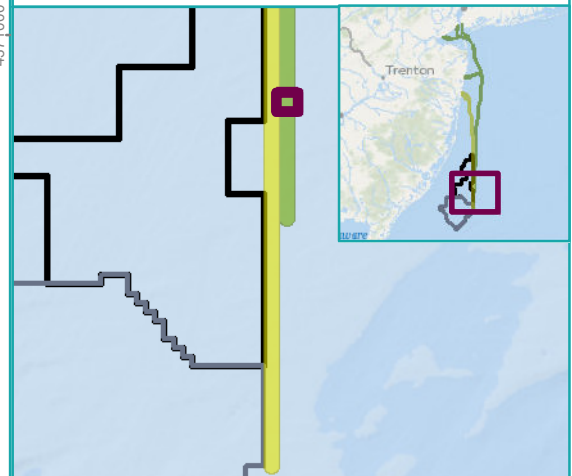
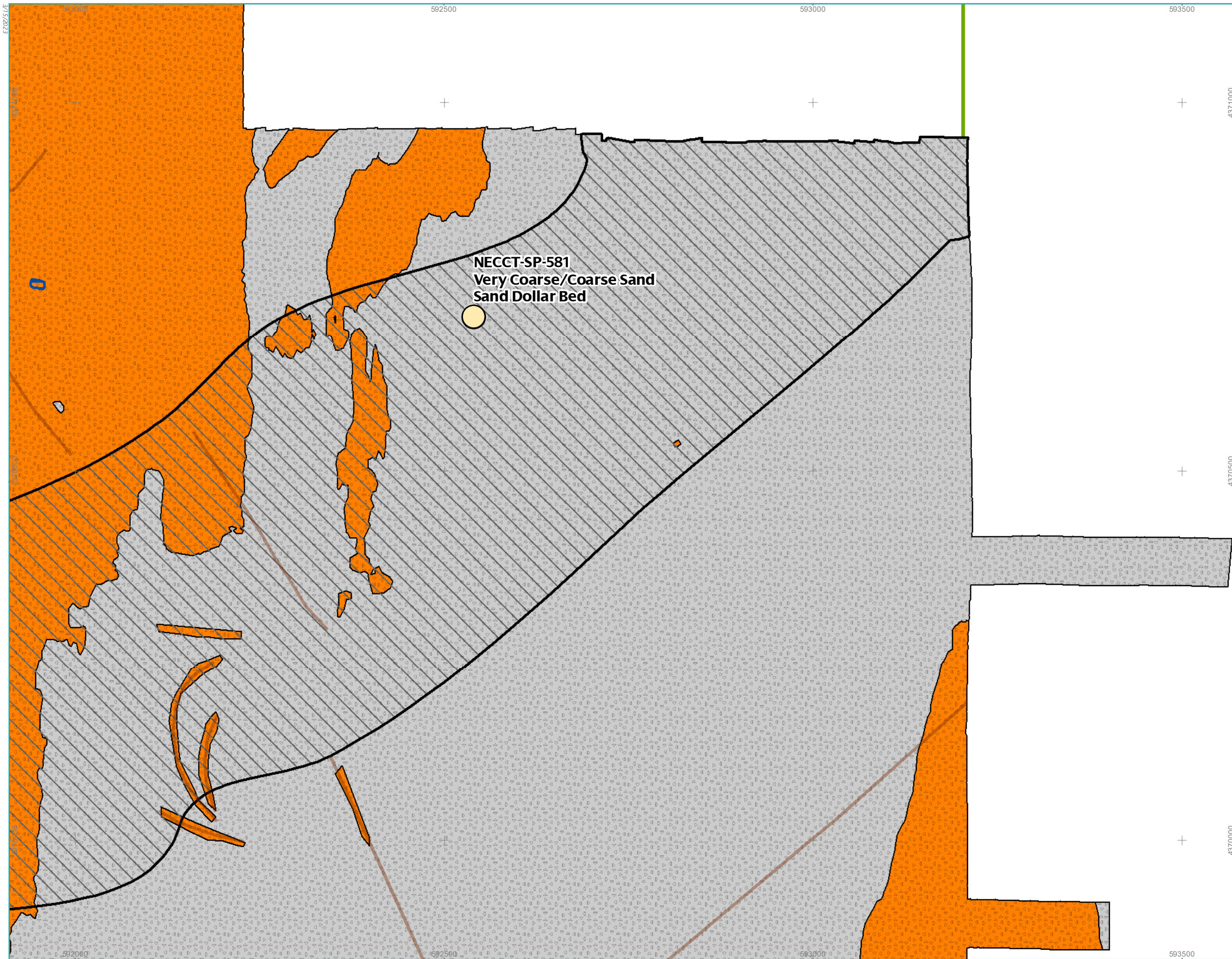
Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)



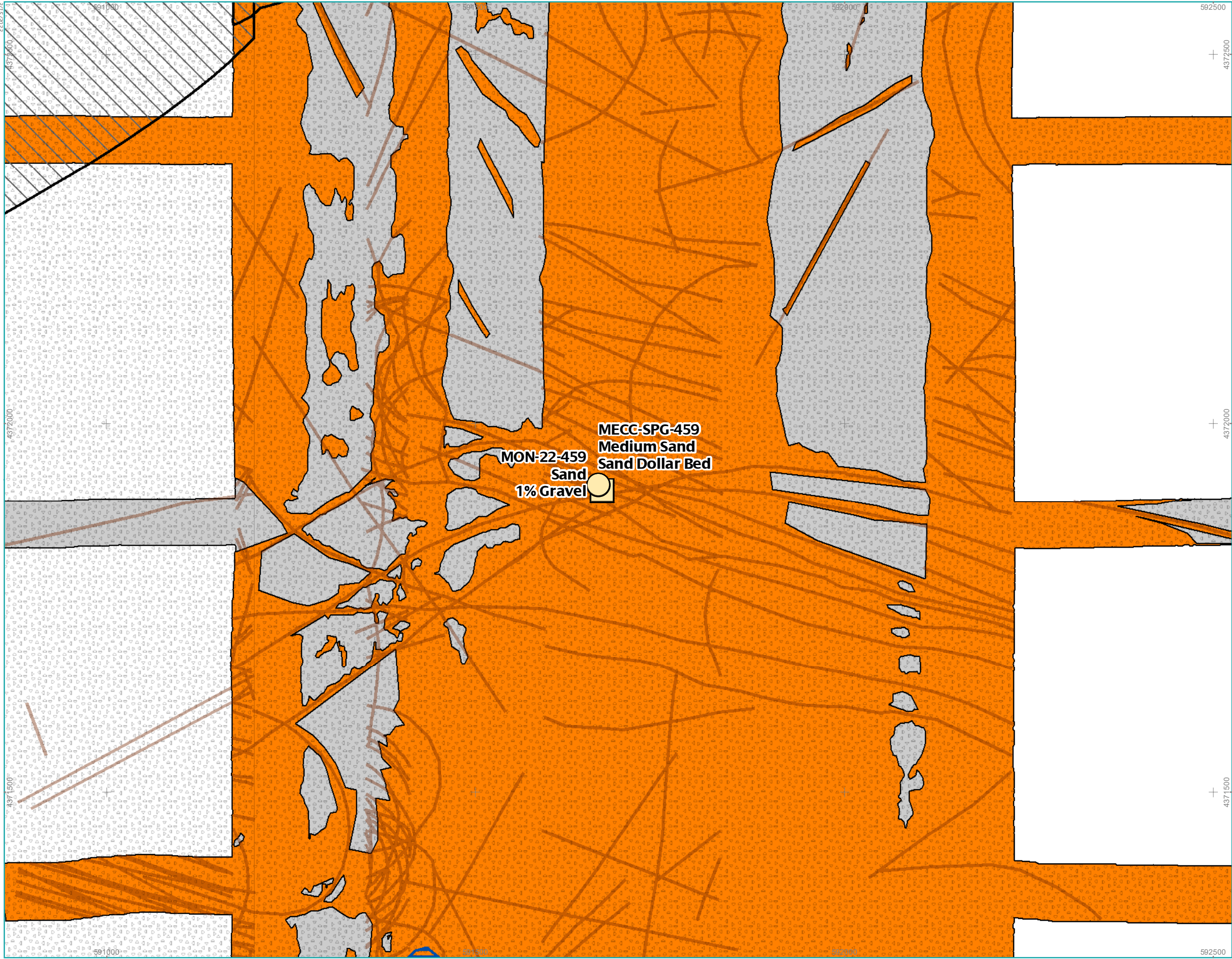
- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
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 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

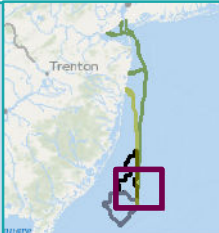


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)





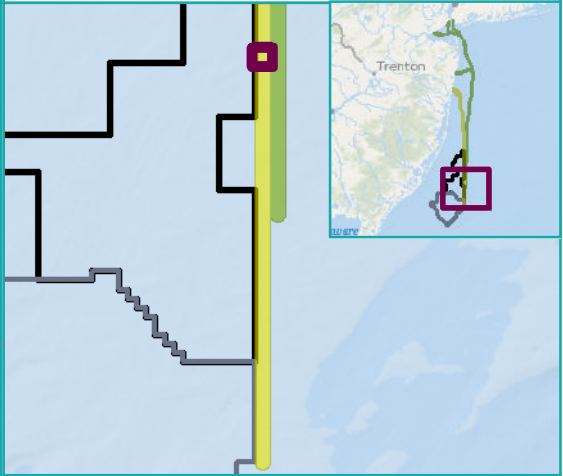
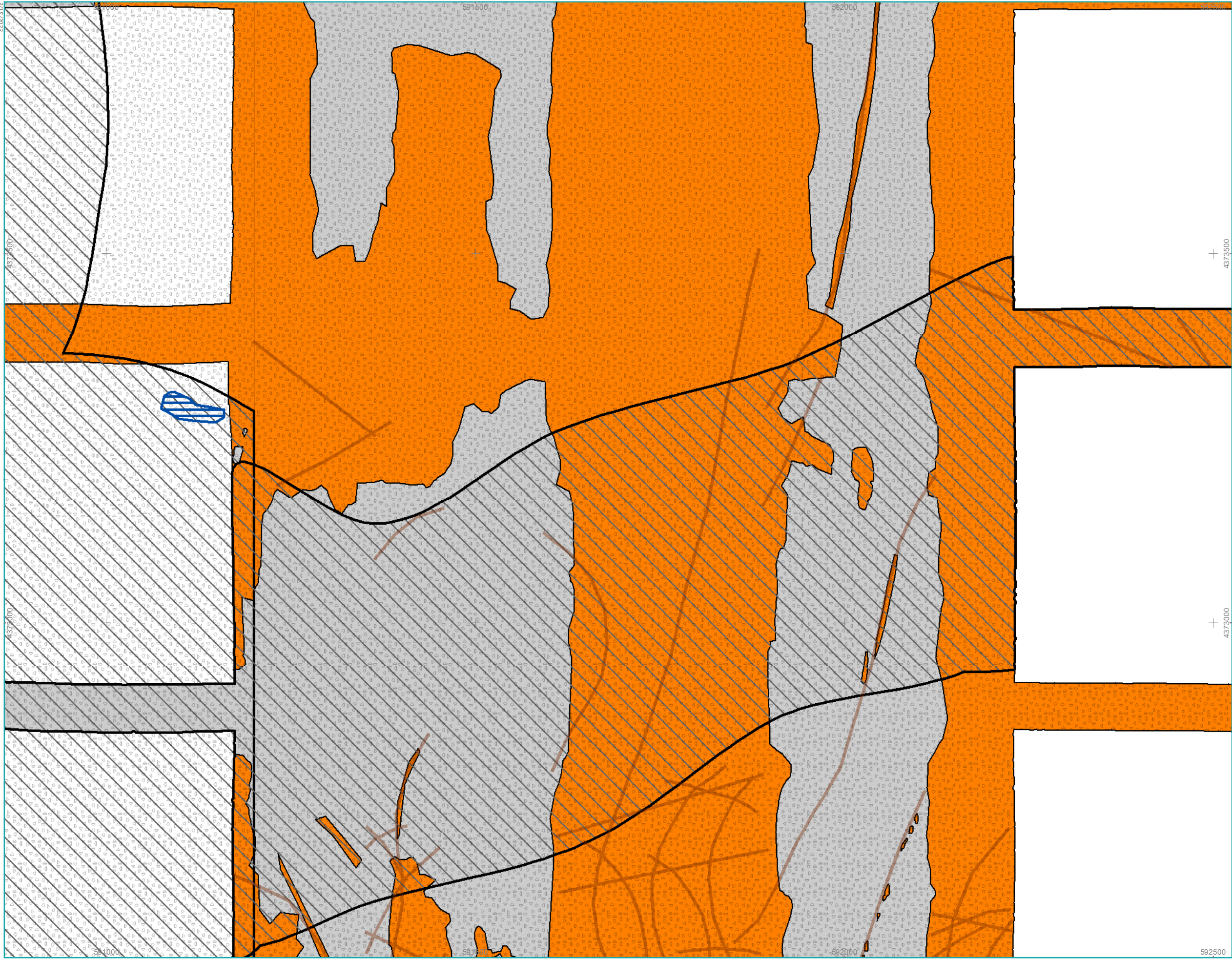
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - SPI/PV
-  Soft Bottom Station - Grab Sample
-  Seabed Scar
-  Localized Relief Features
-  Ripple
-  Sand Wave
-  Complex Habitat
-  Soft Bottom Habitat
-  Monmouth Export Cable Corridor (ECC)
-  Northern Export Cable Corridor (ECC)
-  Lease Area OCS-A-0549

Atlantic Shores North EFH Maps
1:5000 Scale

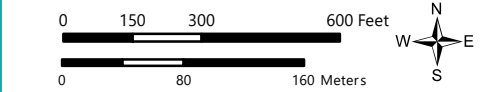
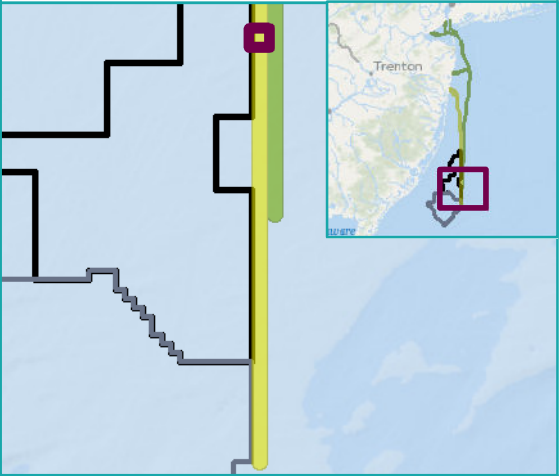
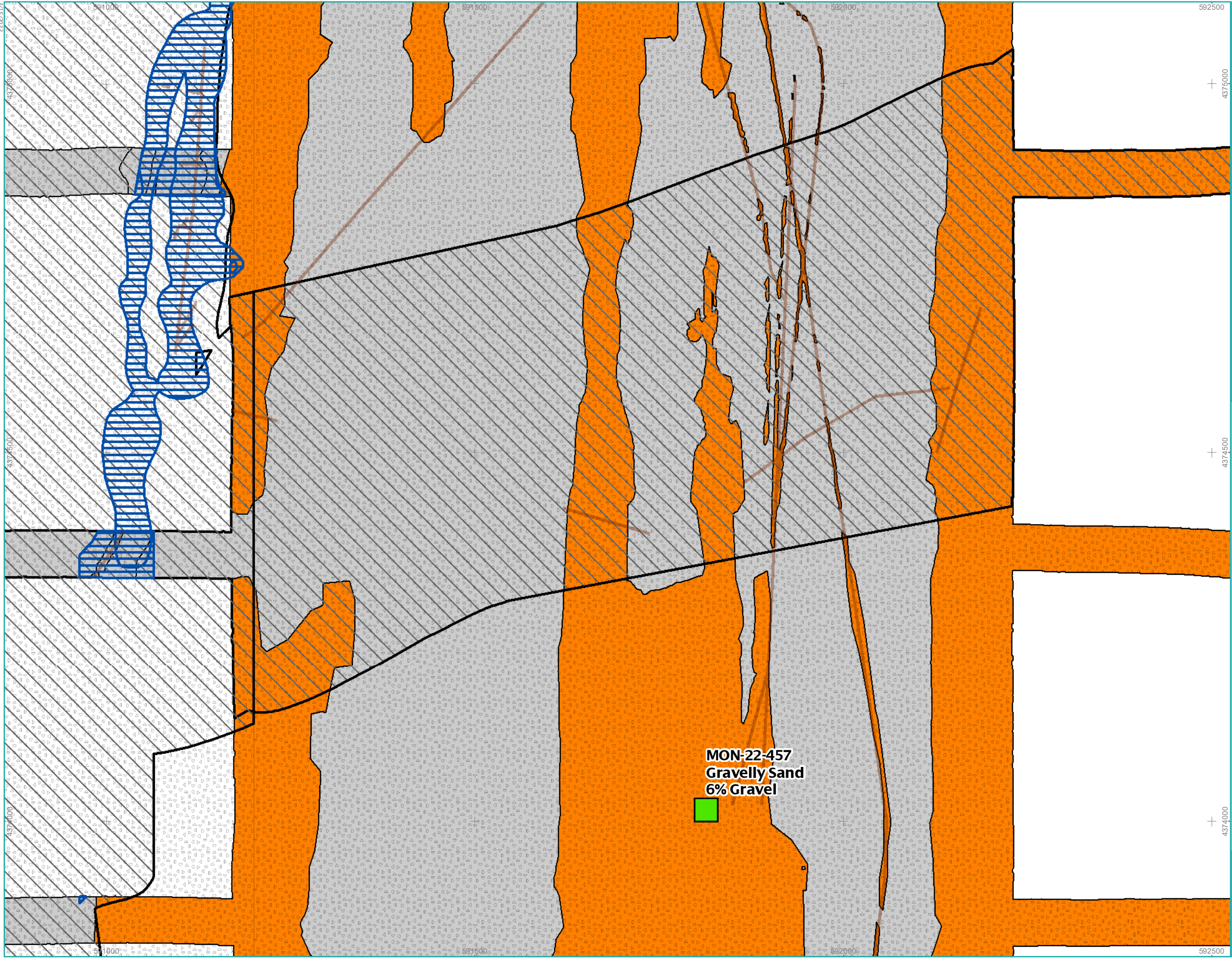
Monmouth Export Cable Corridor (ECC)
Slide 28 of 109



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

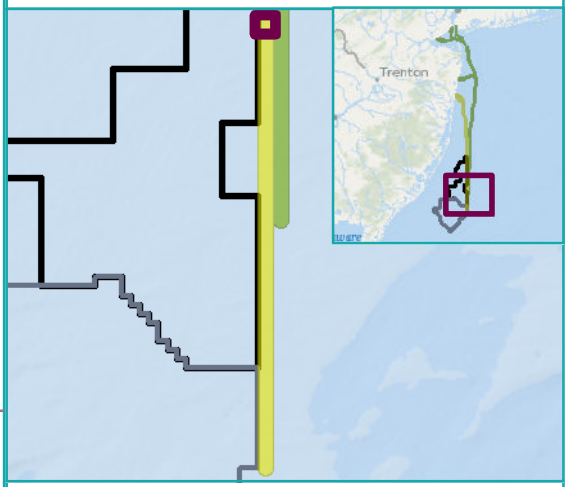
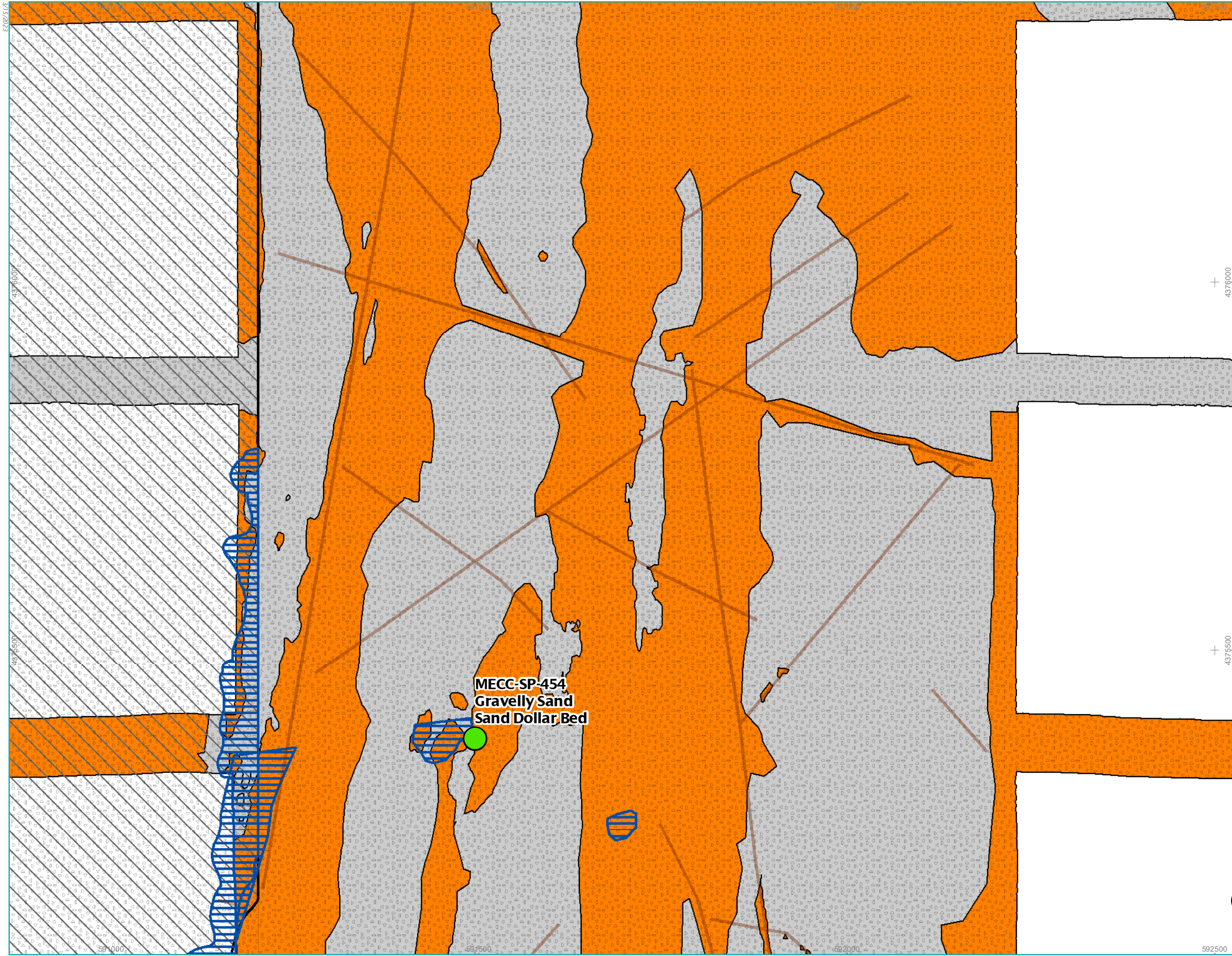
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)
- Lease Area OCS-A-0549



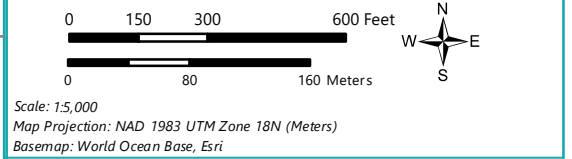
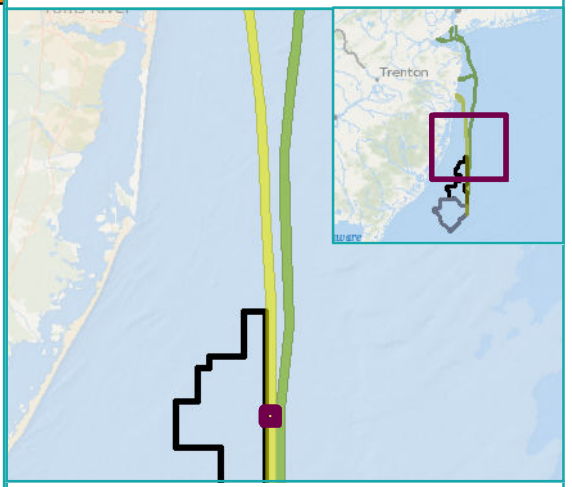
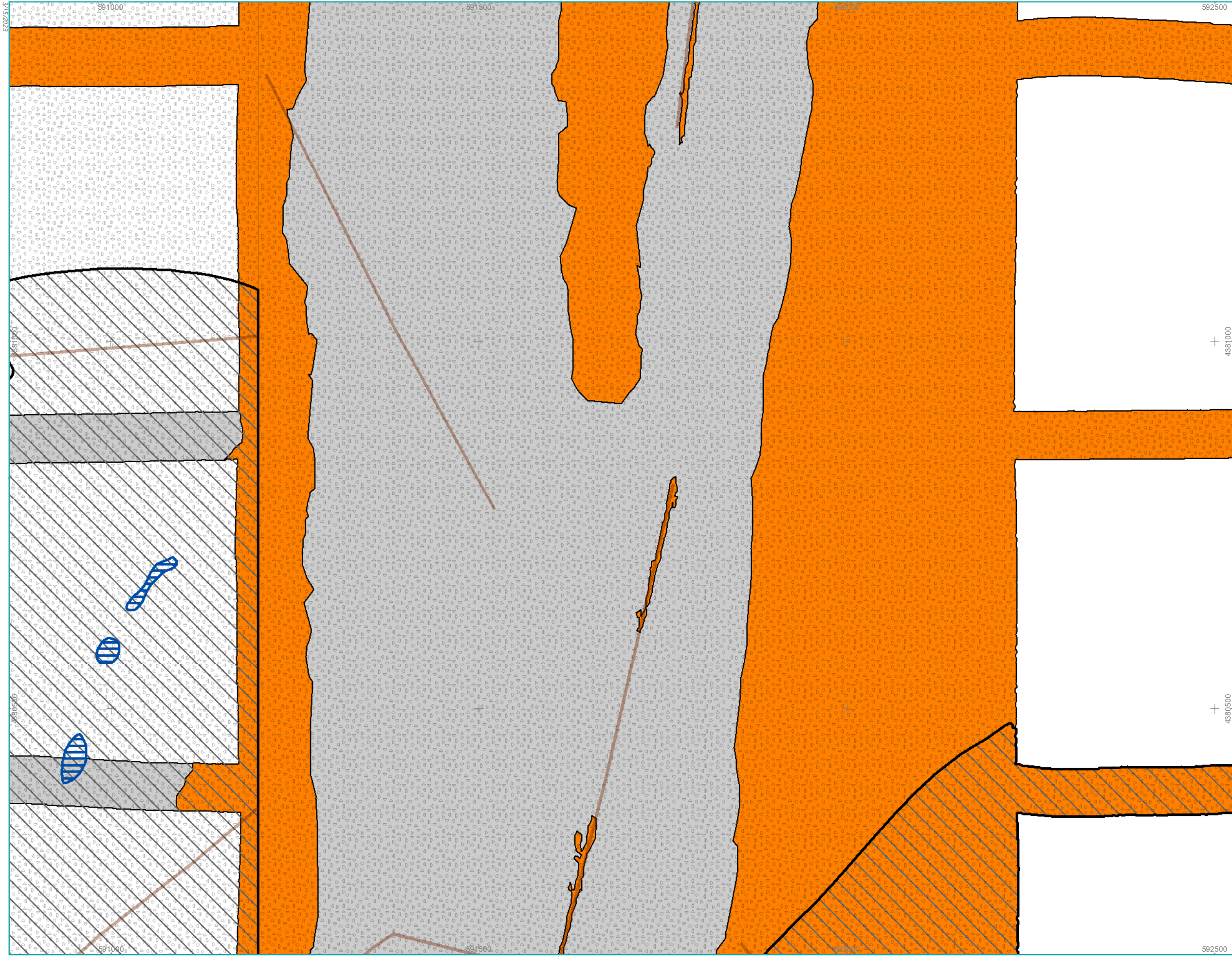
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

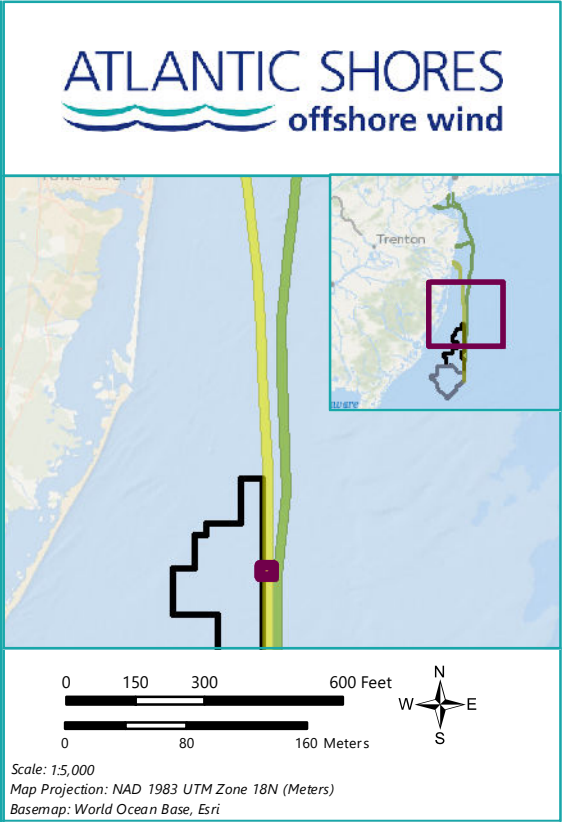
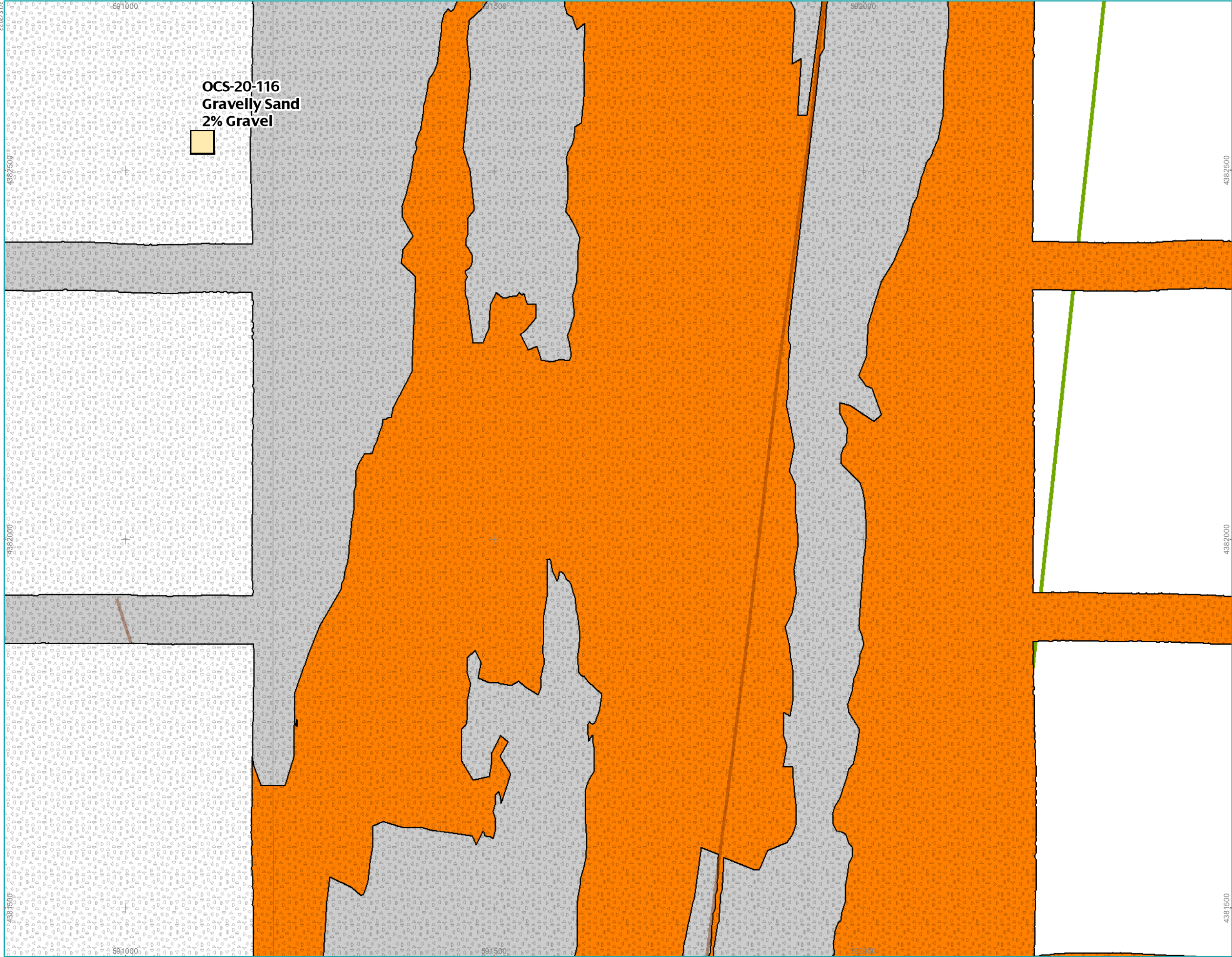


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Localized Relief Features
 - Ripple
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 - Northern Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



- LEGEND**
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- LEGEND**
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 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)
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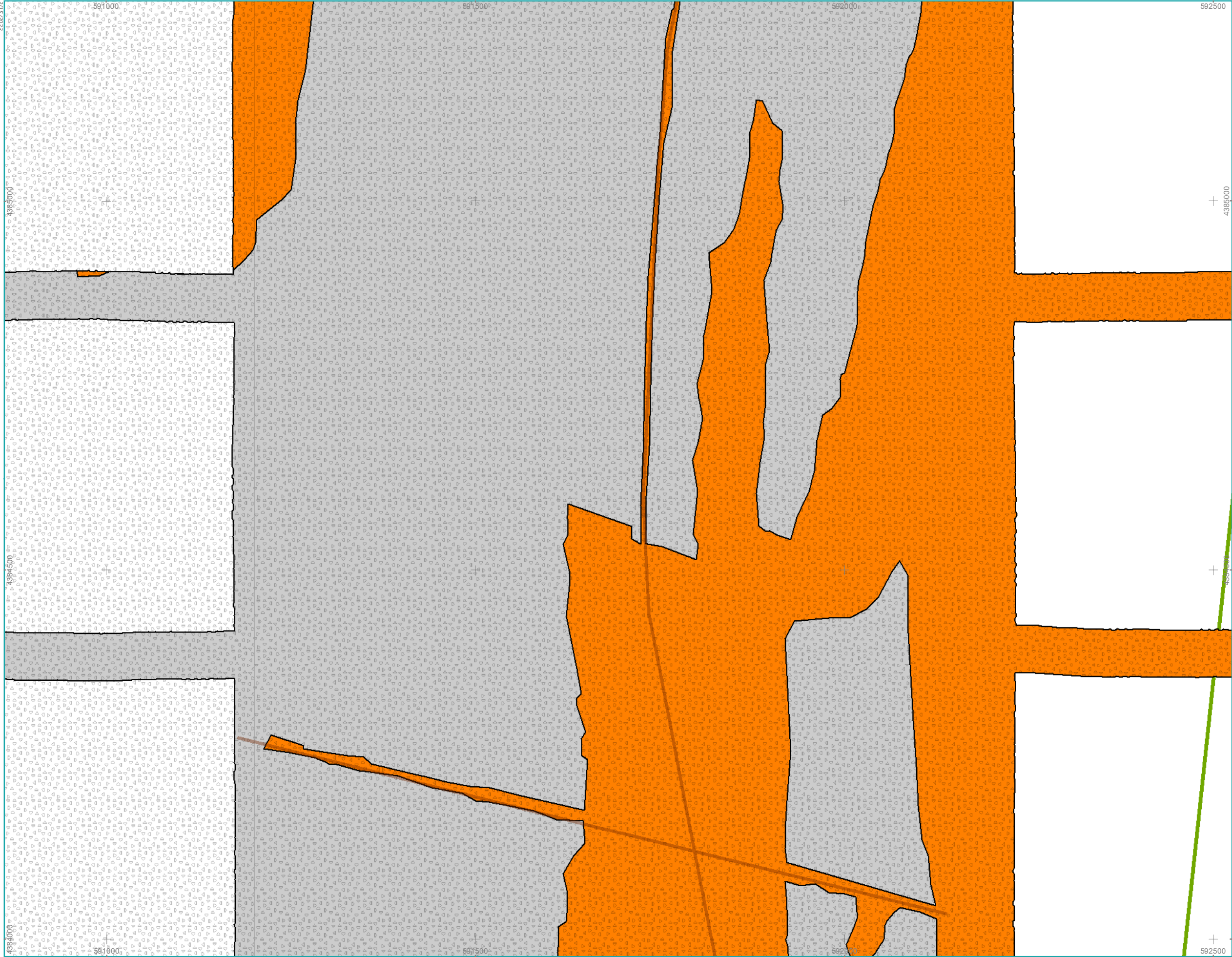


Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Seabed Scar
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549

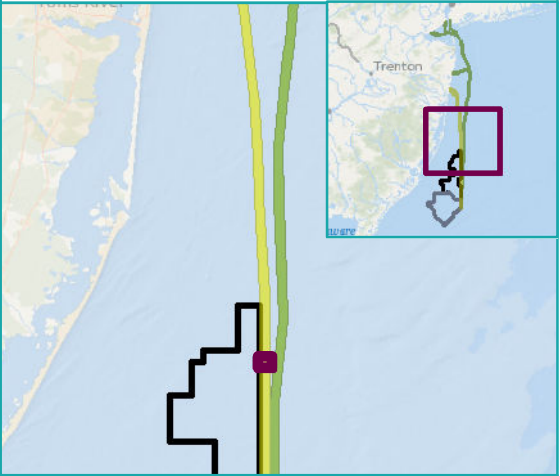
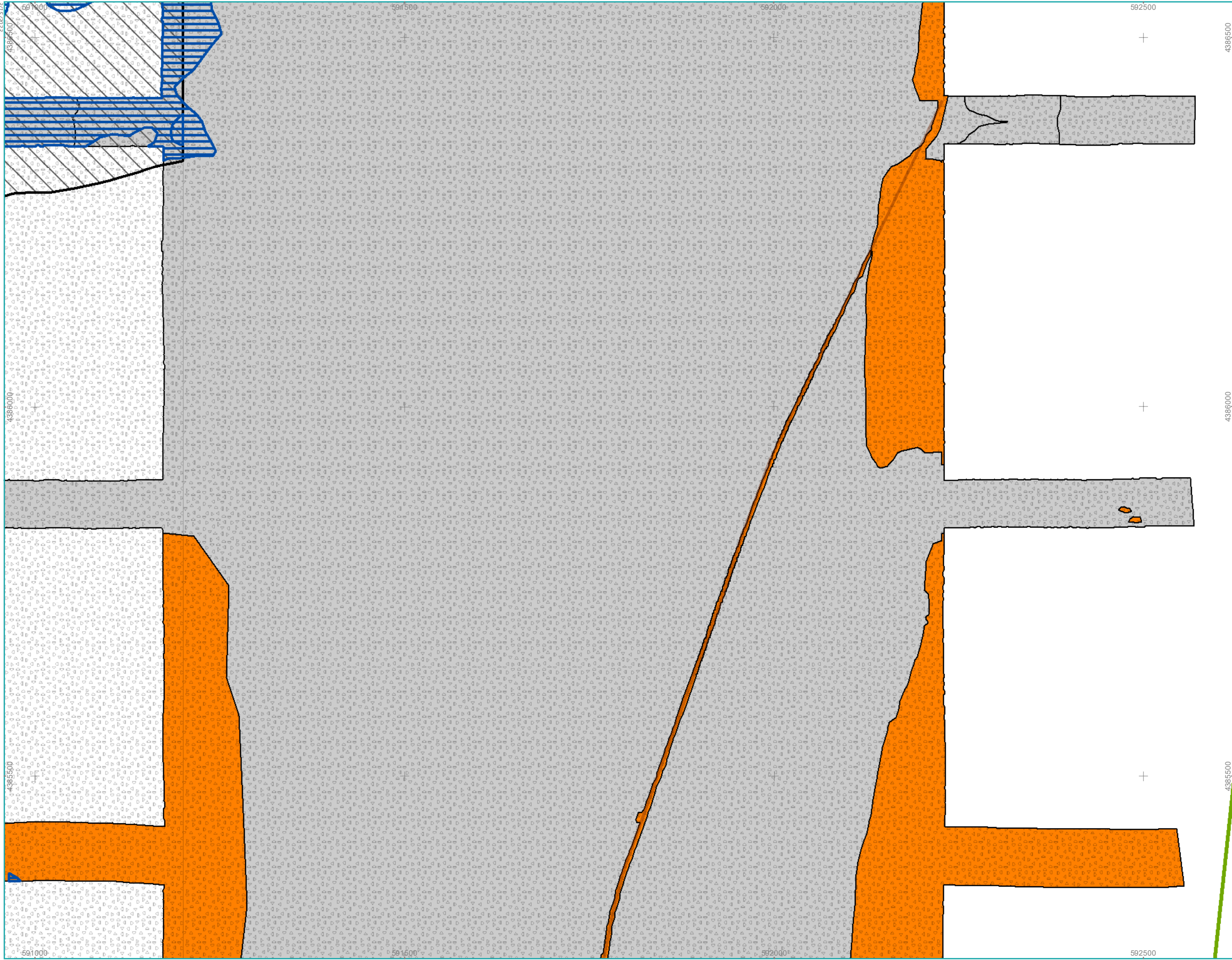


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Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

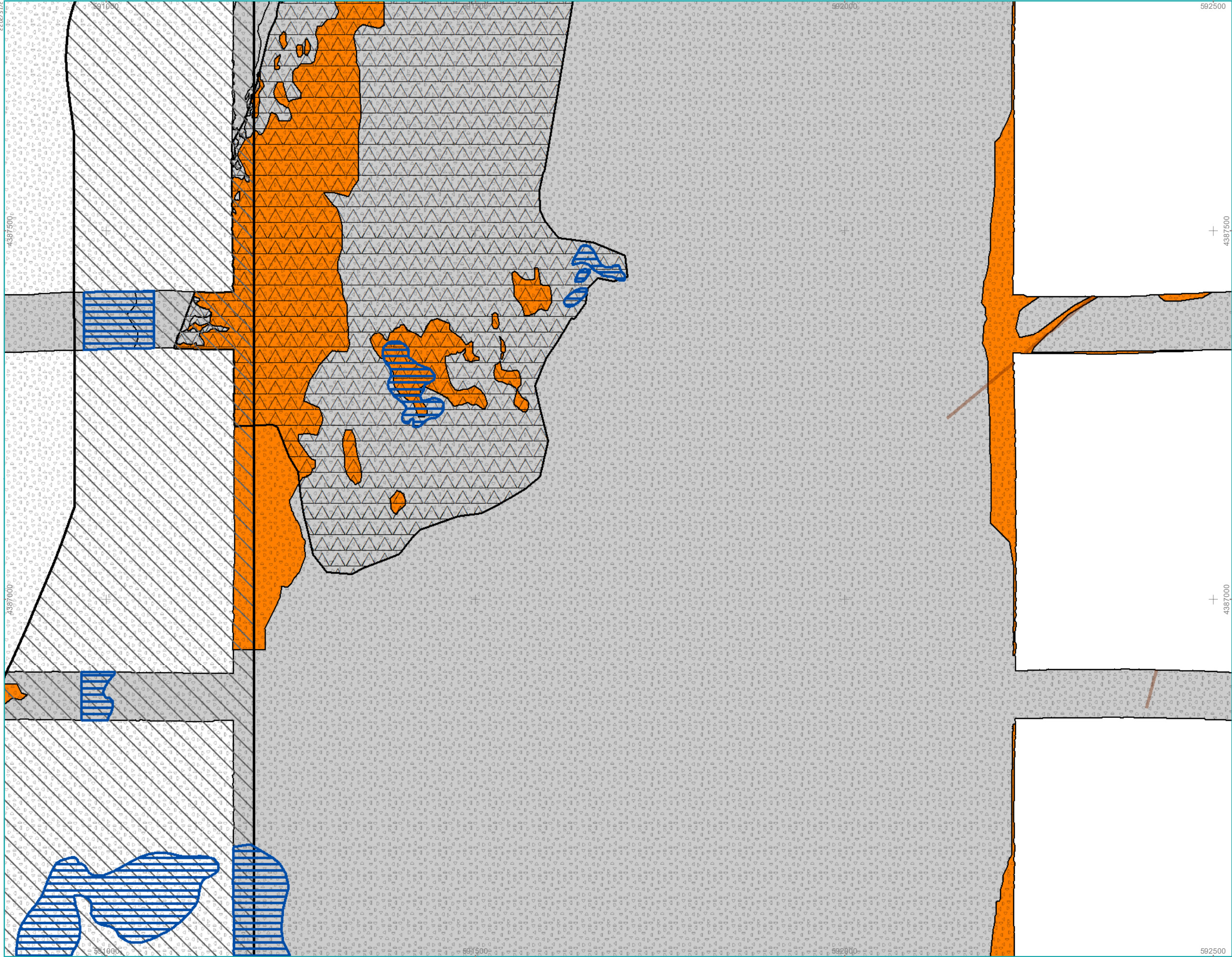
- LEGEND**
- Seabed Scar
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 - Monmouth Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Localized Relief Features
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- Northern Export Cable Corridor (ECC)
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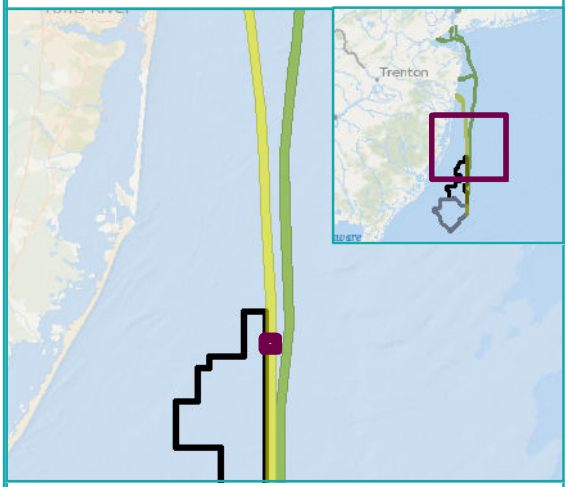
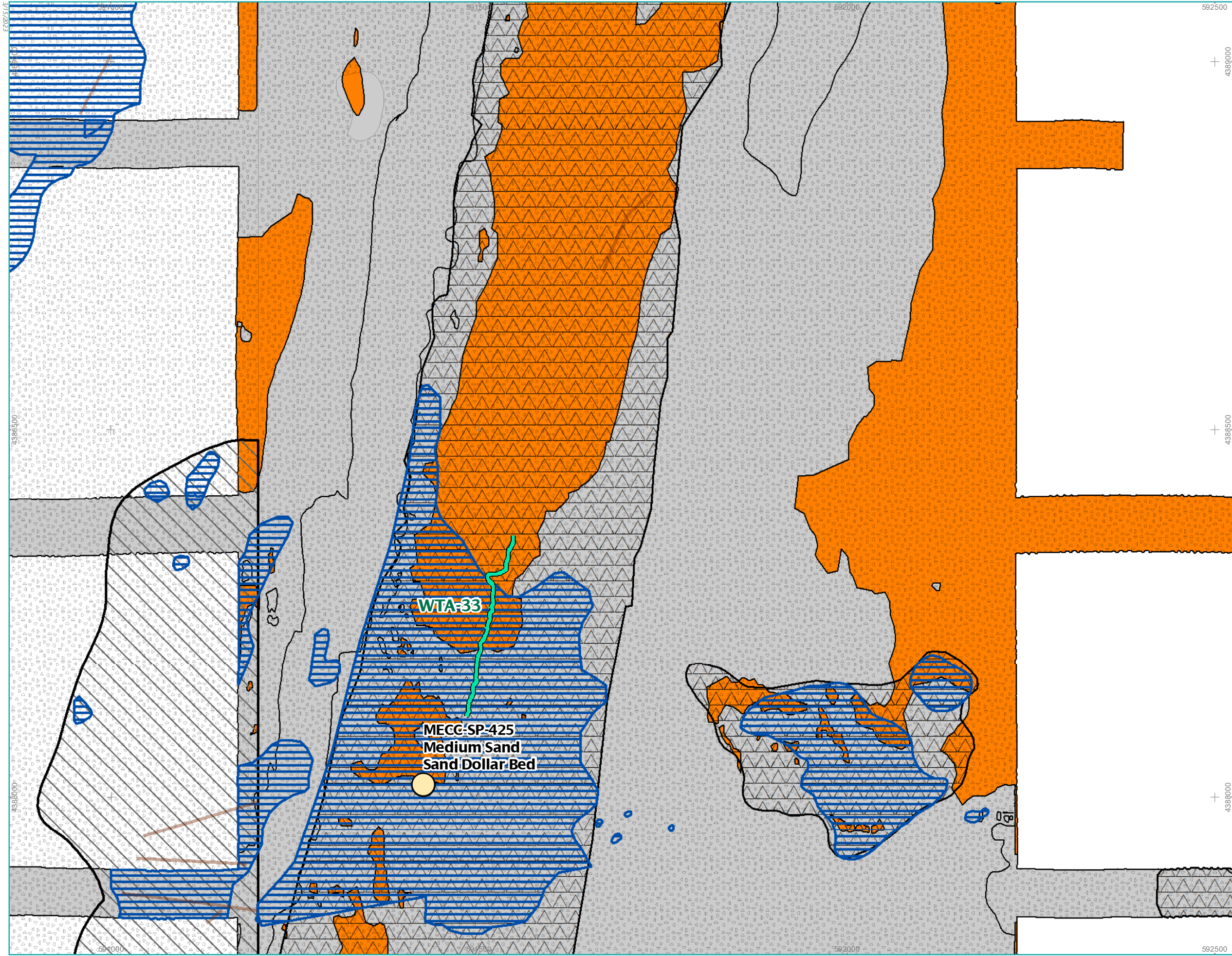


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Map Projection: NAD 1983 UTM Zone 18N (Meters)

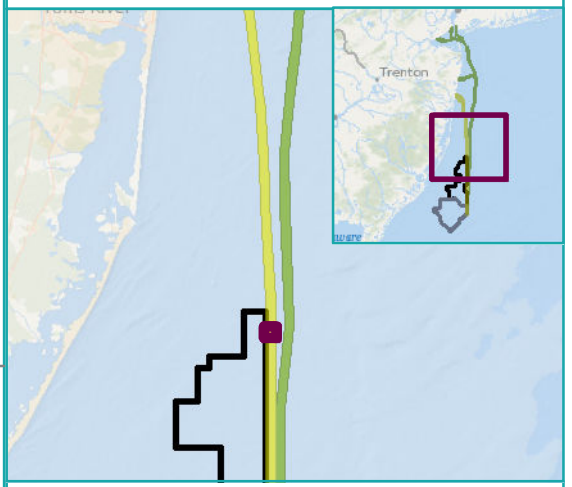
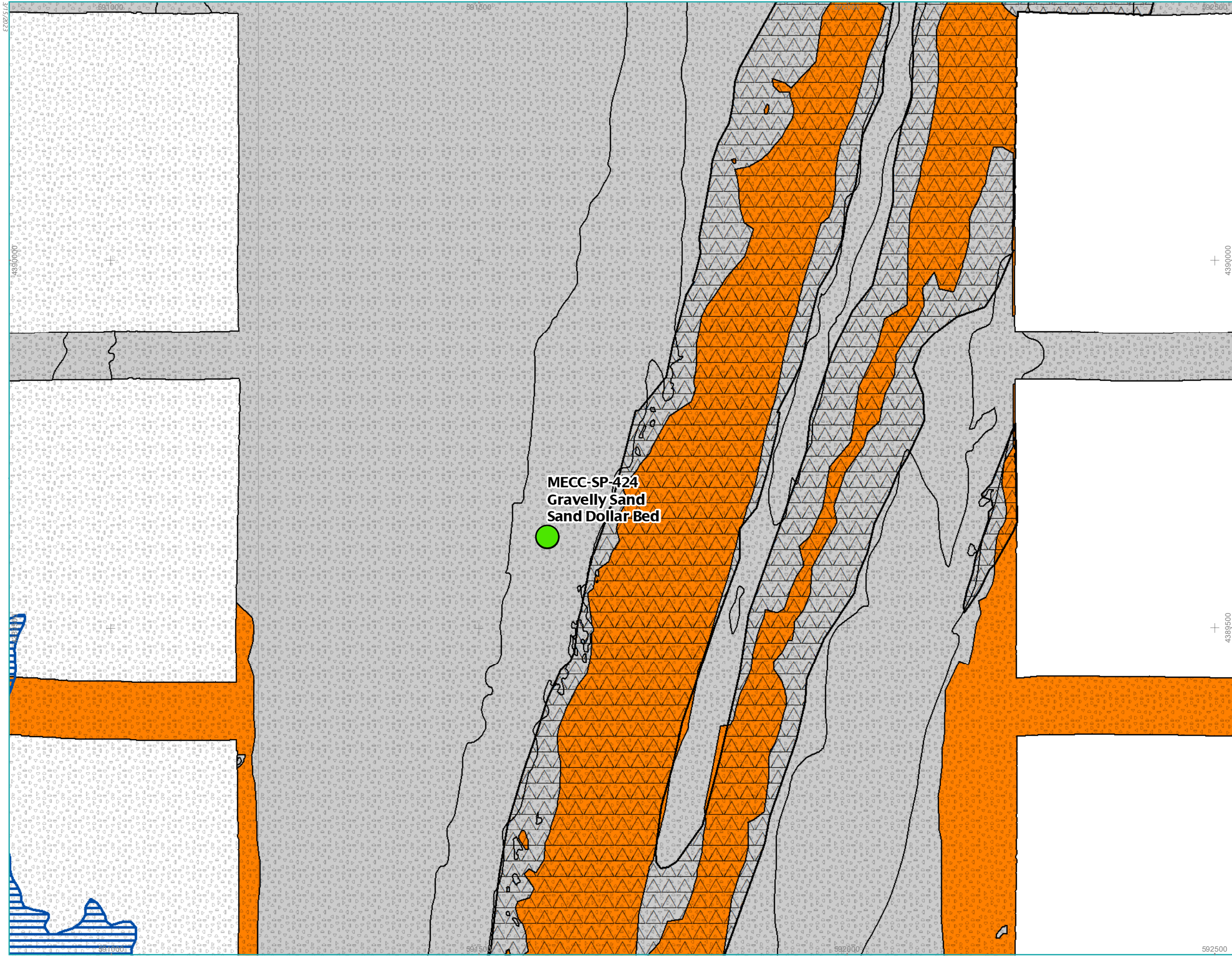
Basemap: World Ocean Base, Esri

- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



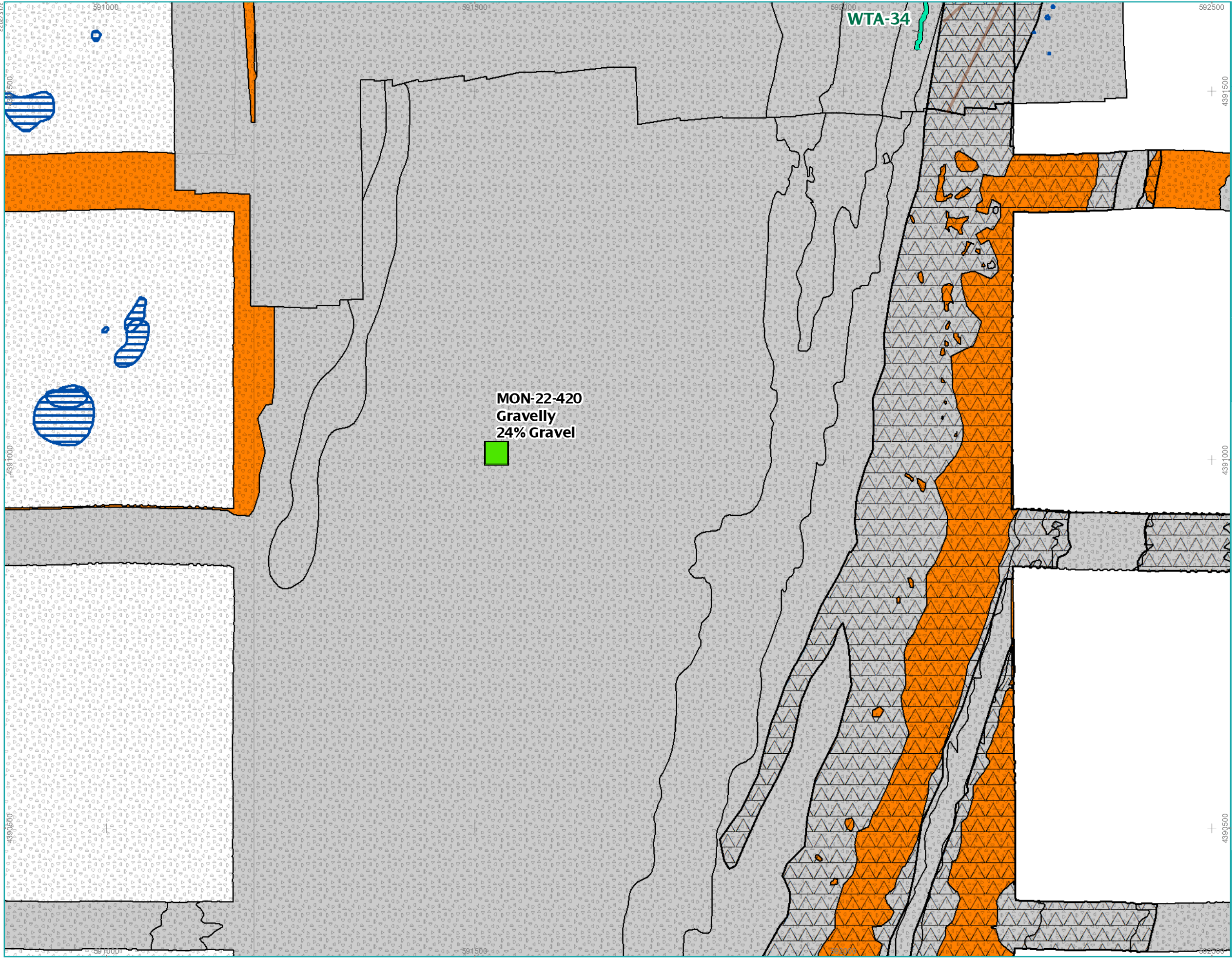
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
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 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Complex Bottom Station - Grab Sample

Video Transect

Seabed Scar

Localized Relief Features

Ripple

Mega Ripple

Complex Habitat

Soft Bottom Habitat

Monmouth Export Cable Corridor (ECC)

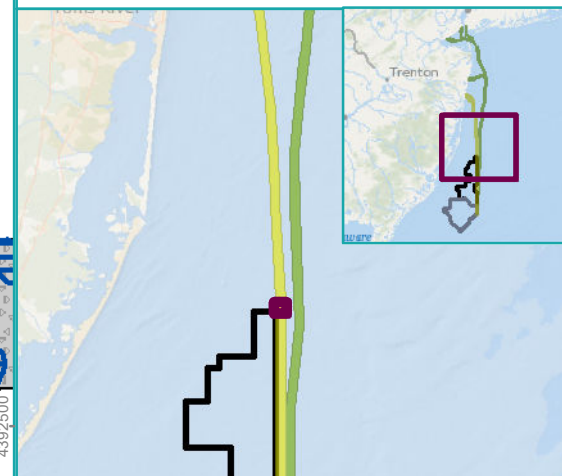
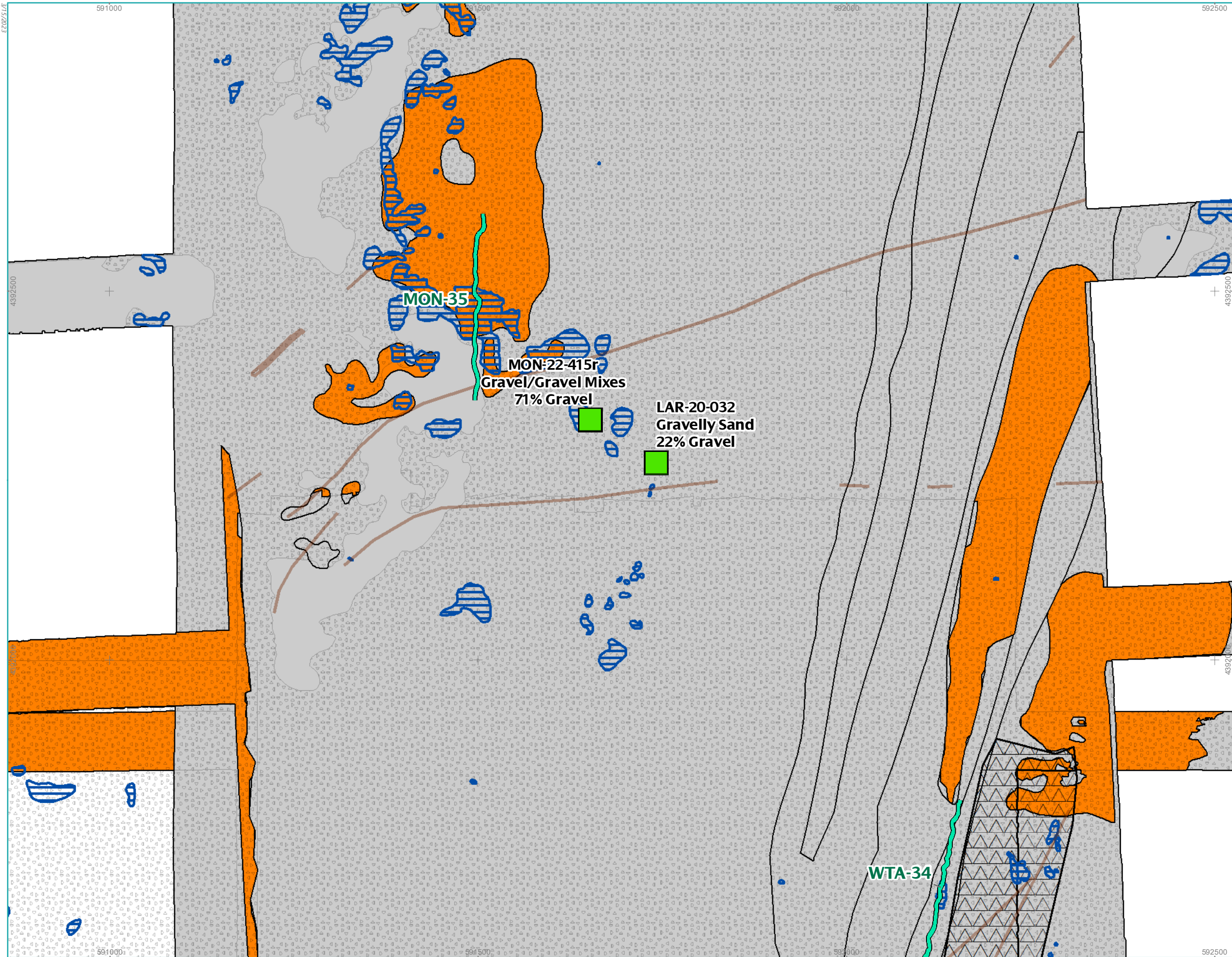
Lease Area OCS-A-0549

Atlantic Shores North EFH Maps

1:5000 Scale

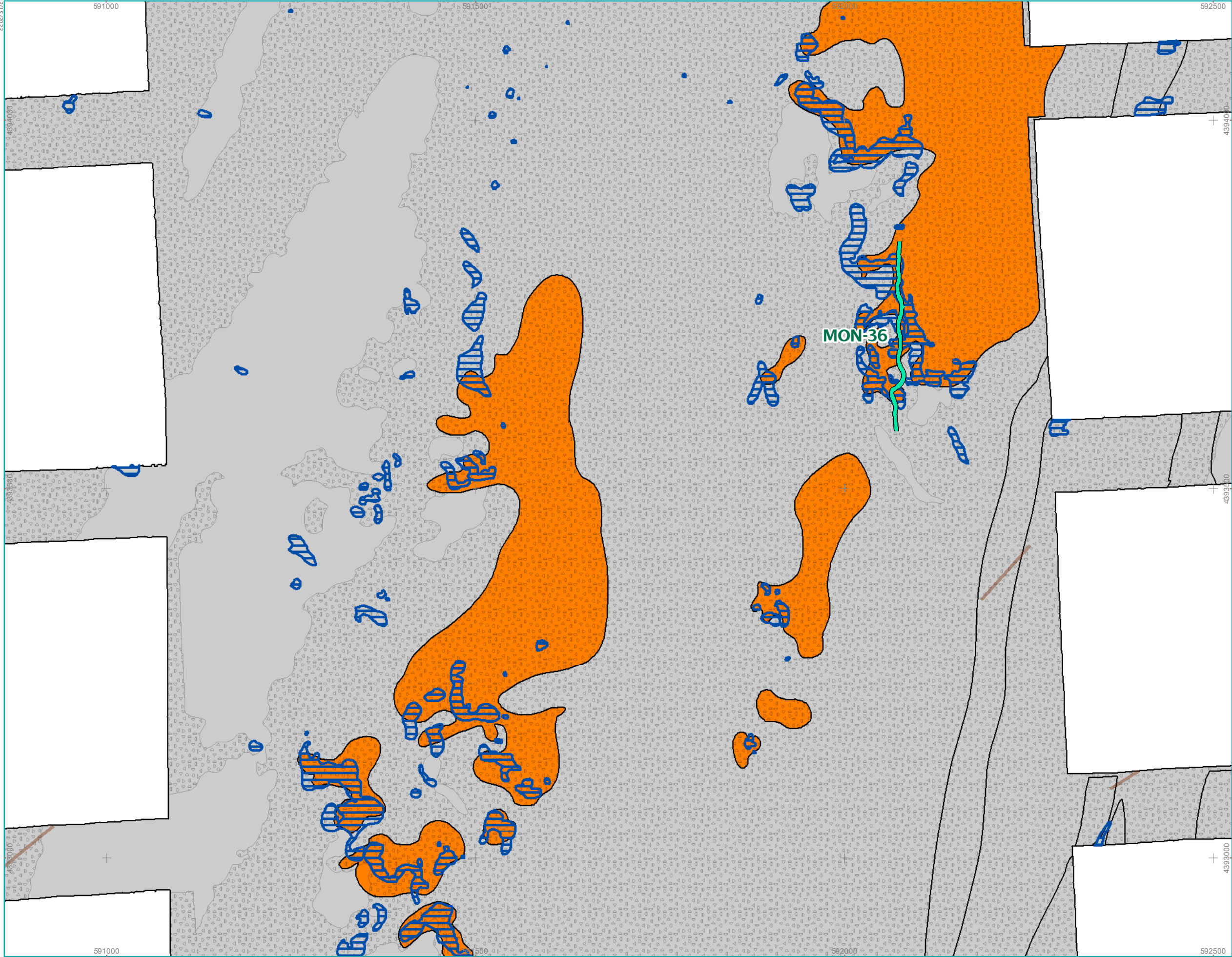
Monmouth Export Cable Corridor (ECC)

Slide 43 of 109



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Lease Area OCS-A-0549



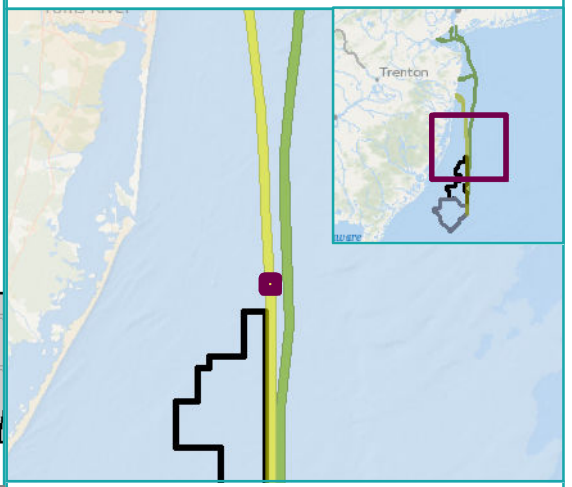
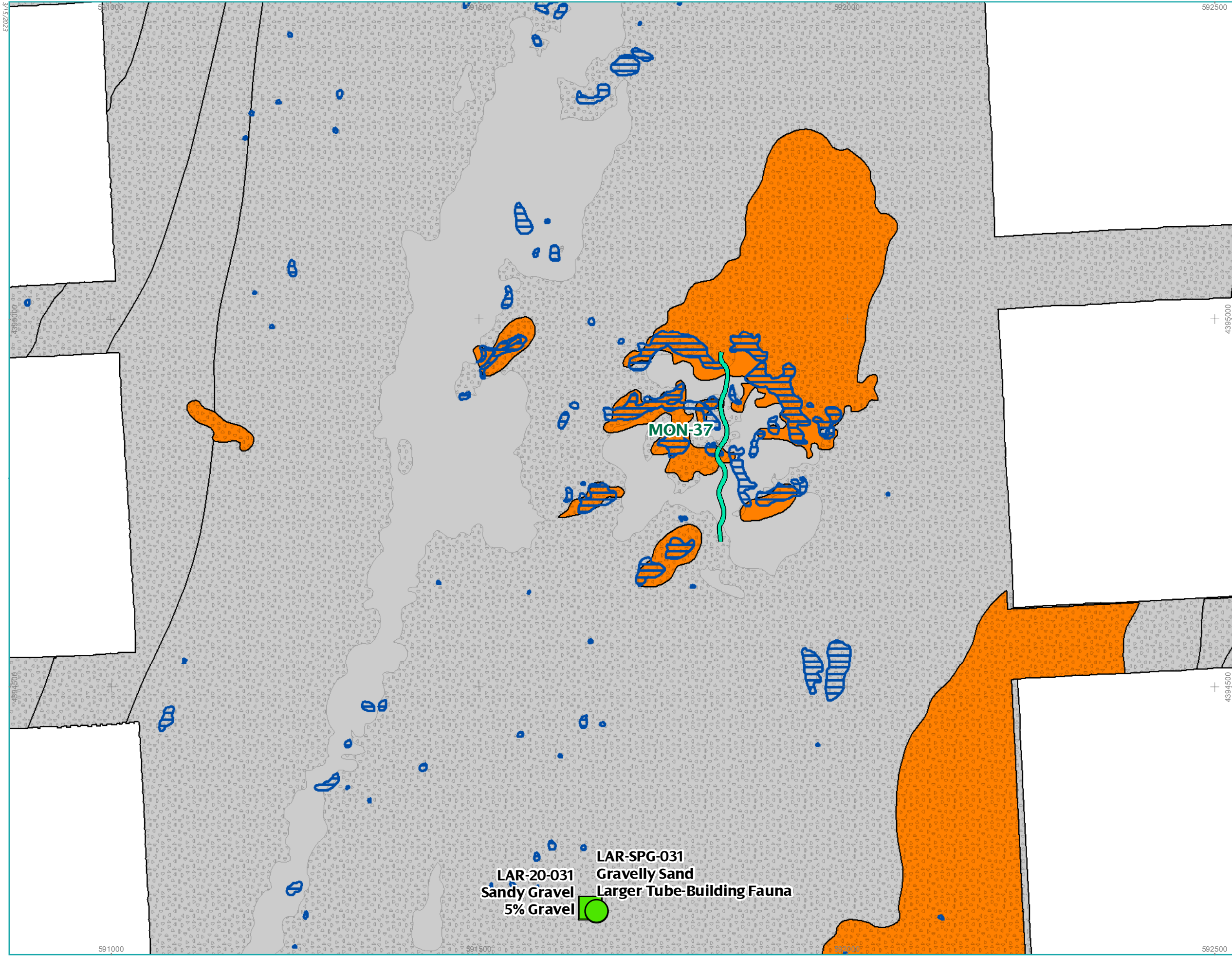
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps
1:5000 Scale

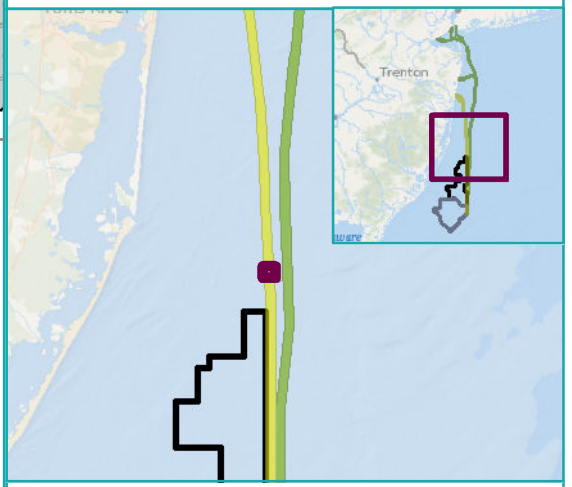
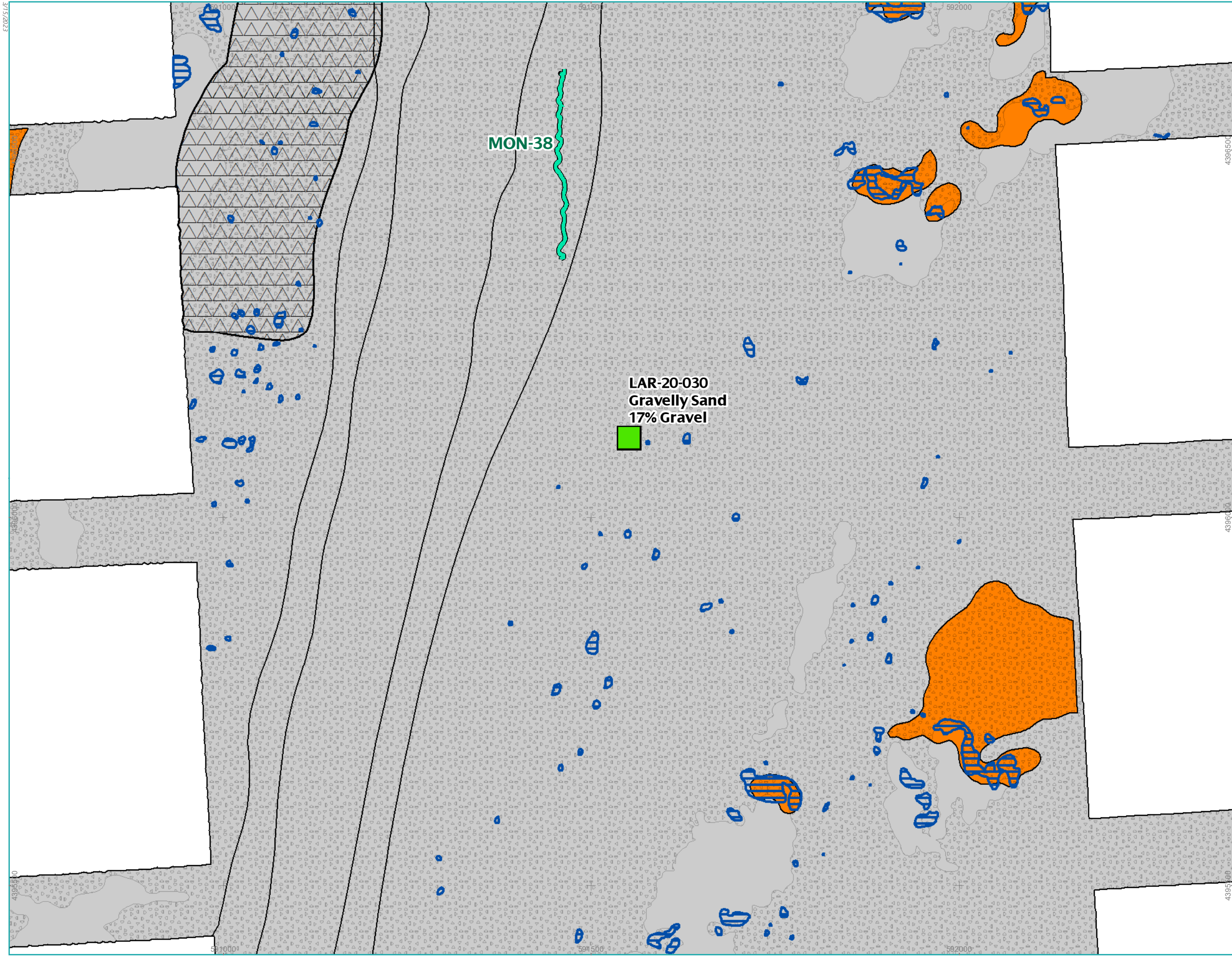
Monmouth Export Cable Corridor (ECC)
Slide 45 of 109



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

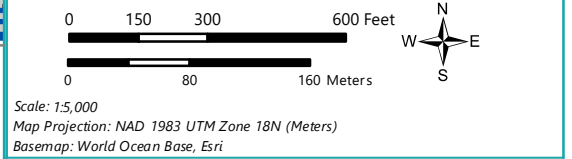
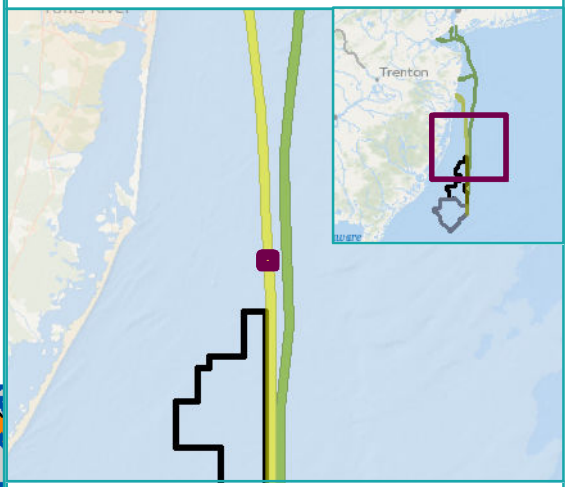
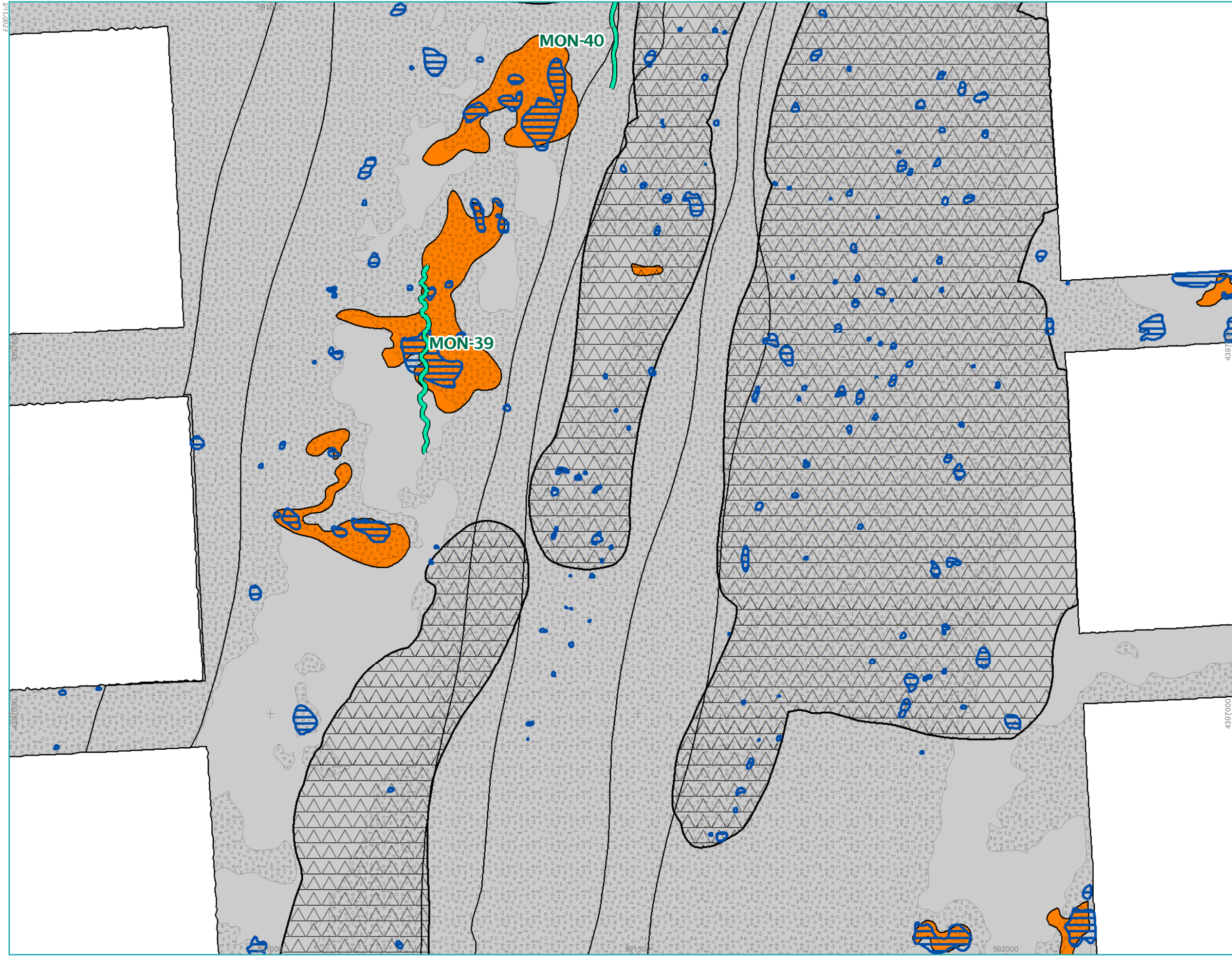
3/15/2023



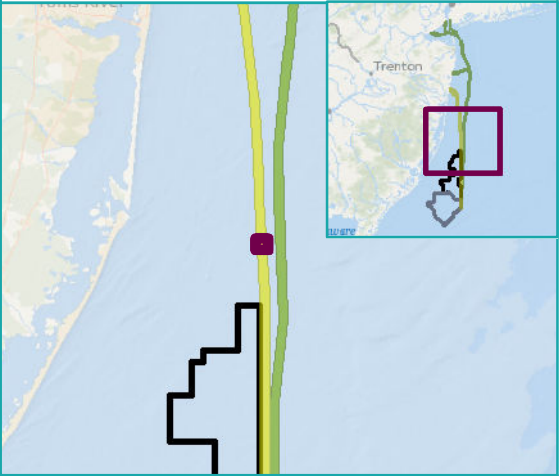
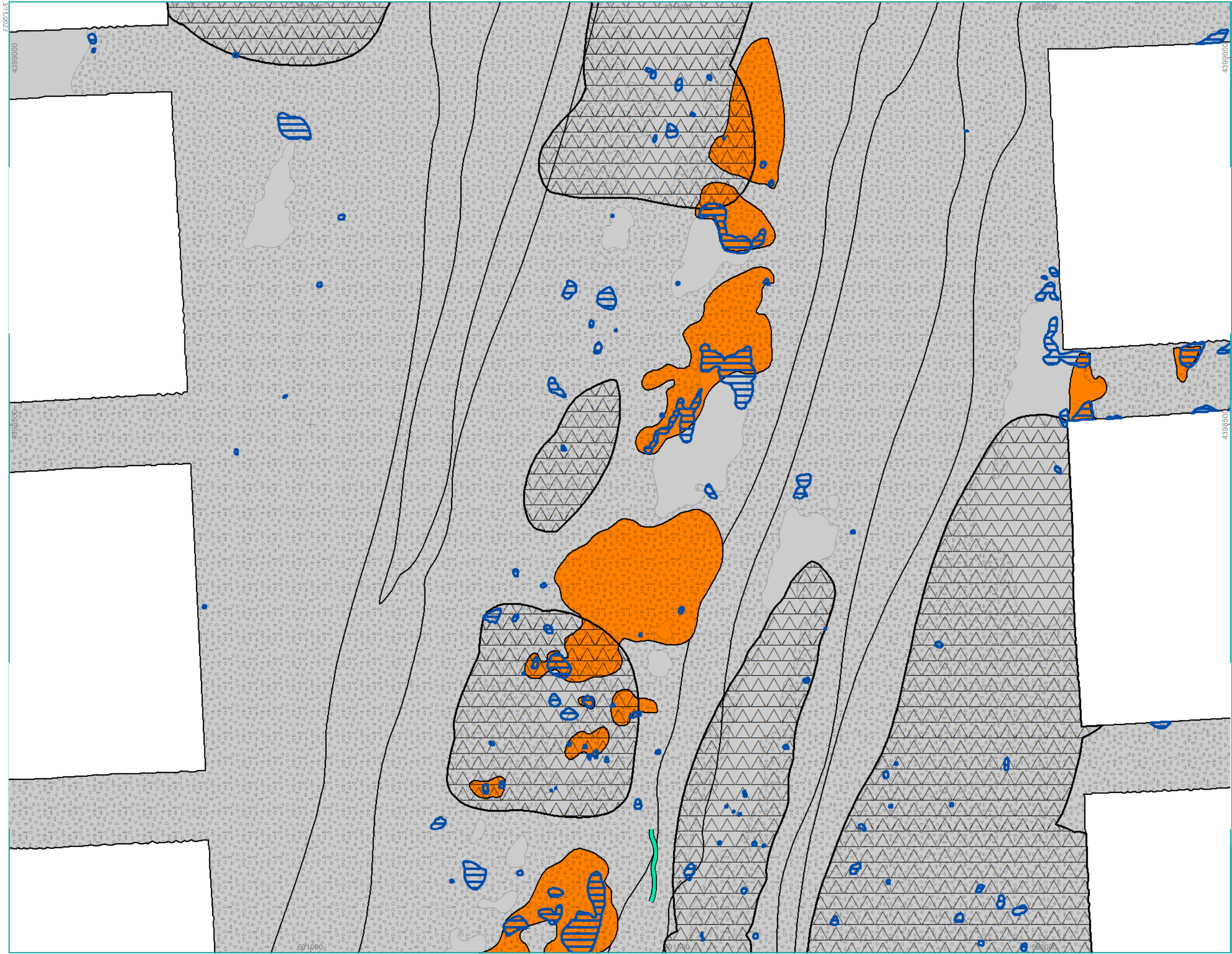
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Localized Relief Features
 - Ripple
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 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

3/15/2023



- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
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 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

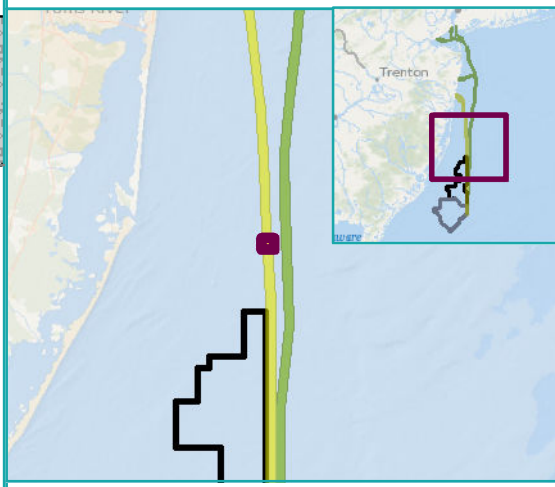
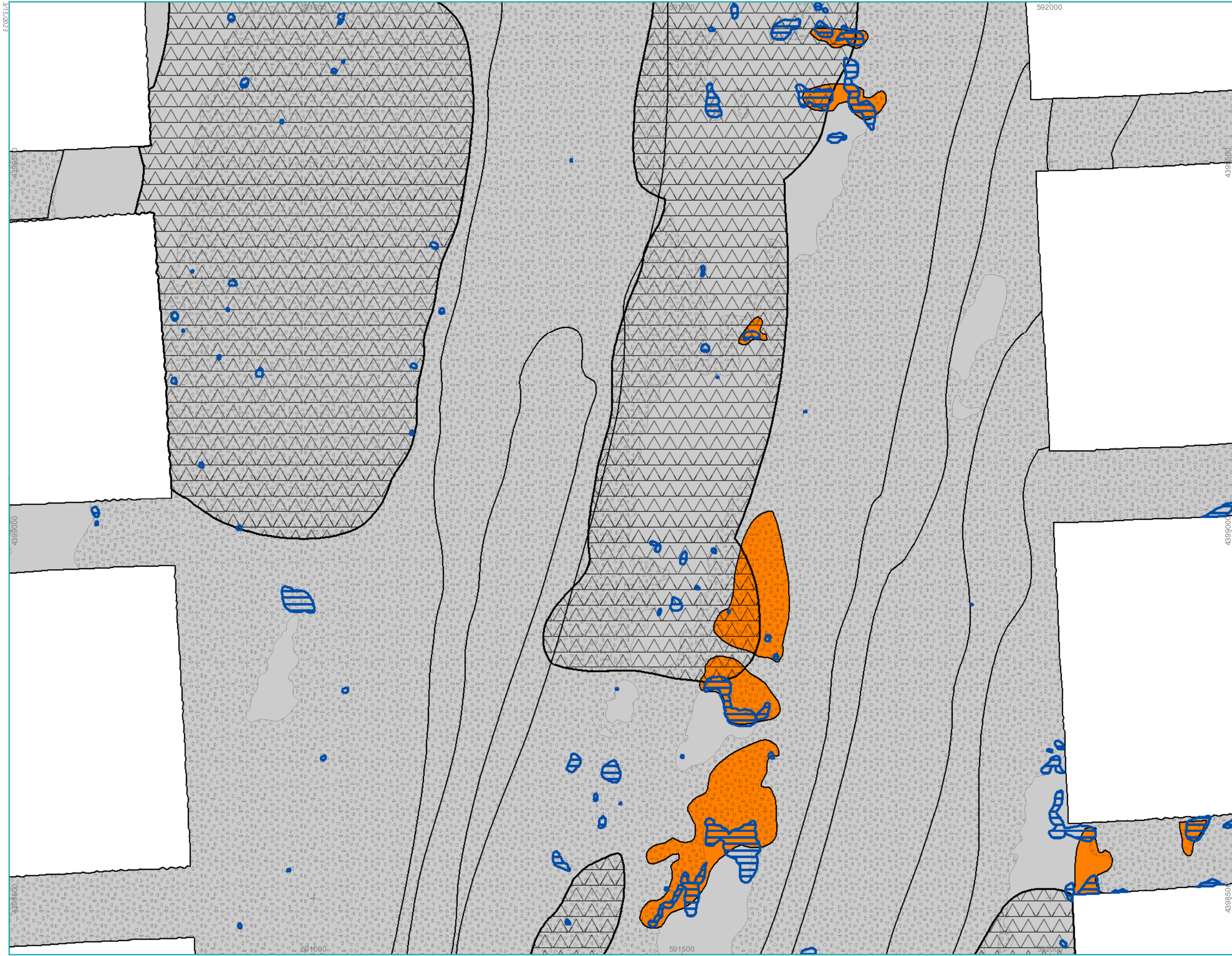


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

**Atlantic Shores North EFH Maps
1:5000 Scale**

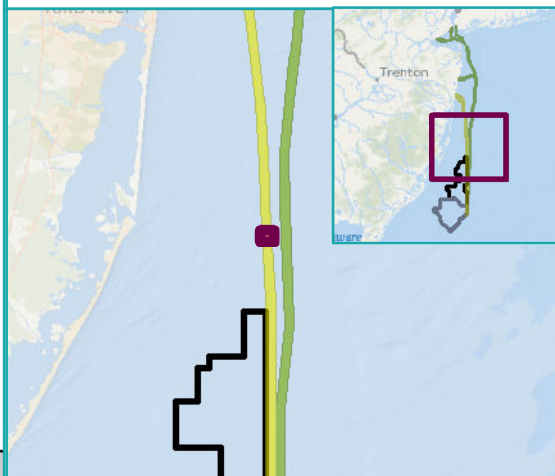
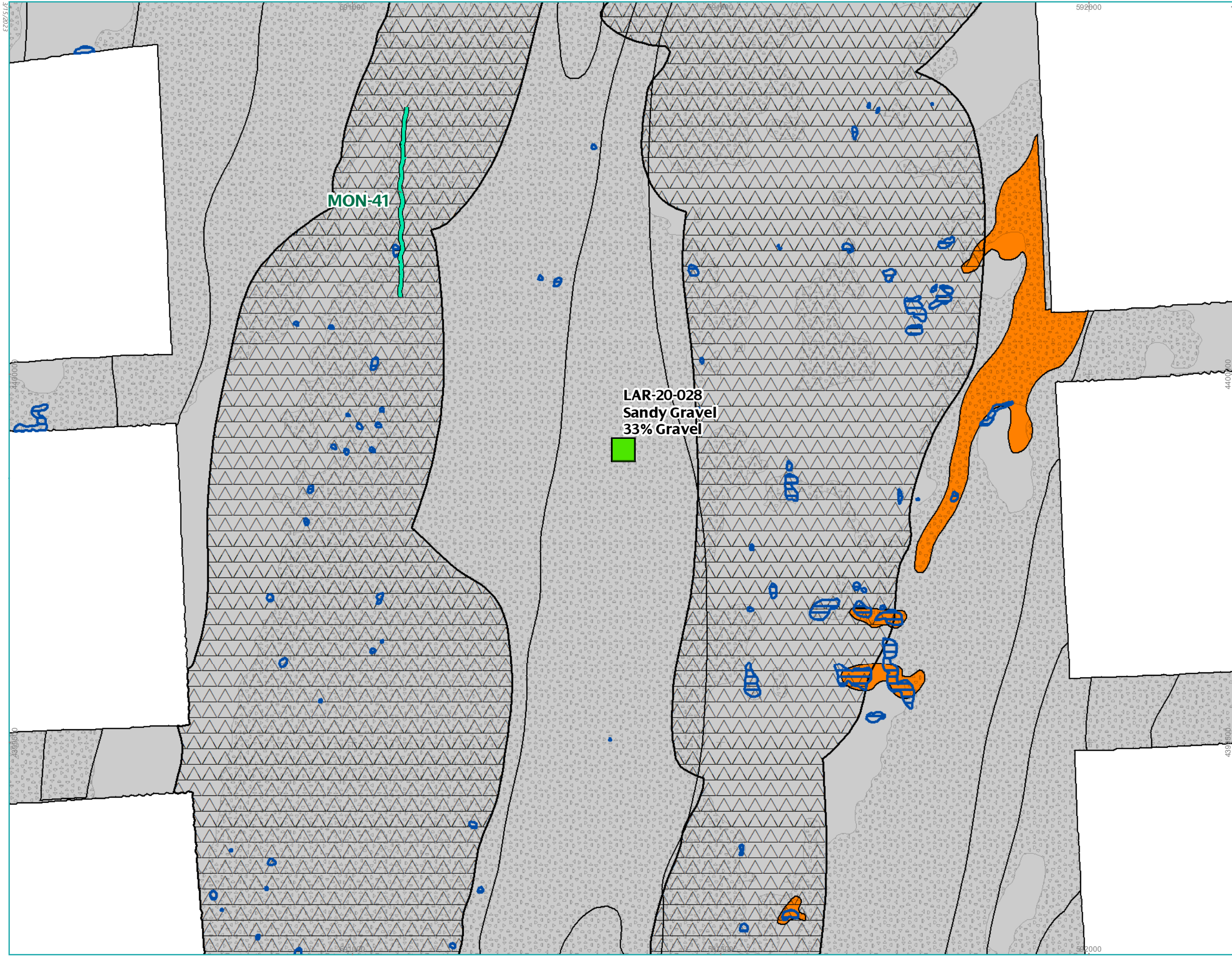
*Monmouth Export Cable Corridor (ECC)
Slide 49 of 109*



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

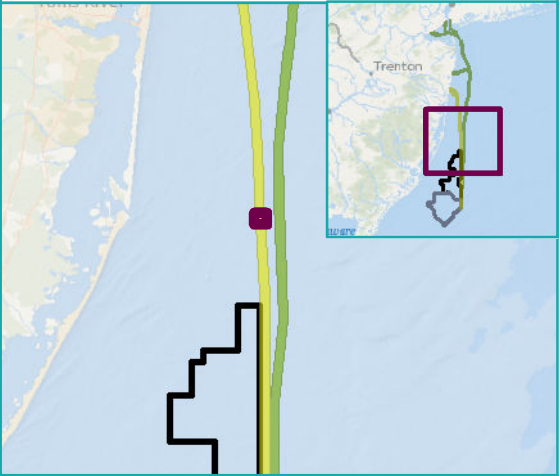
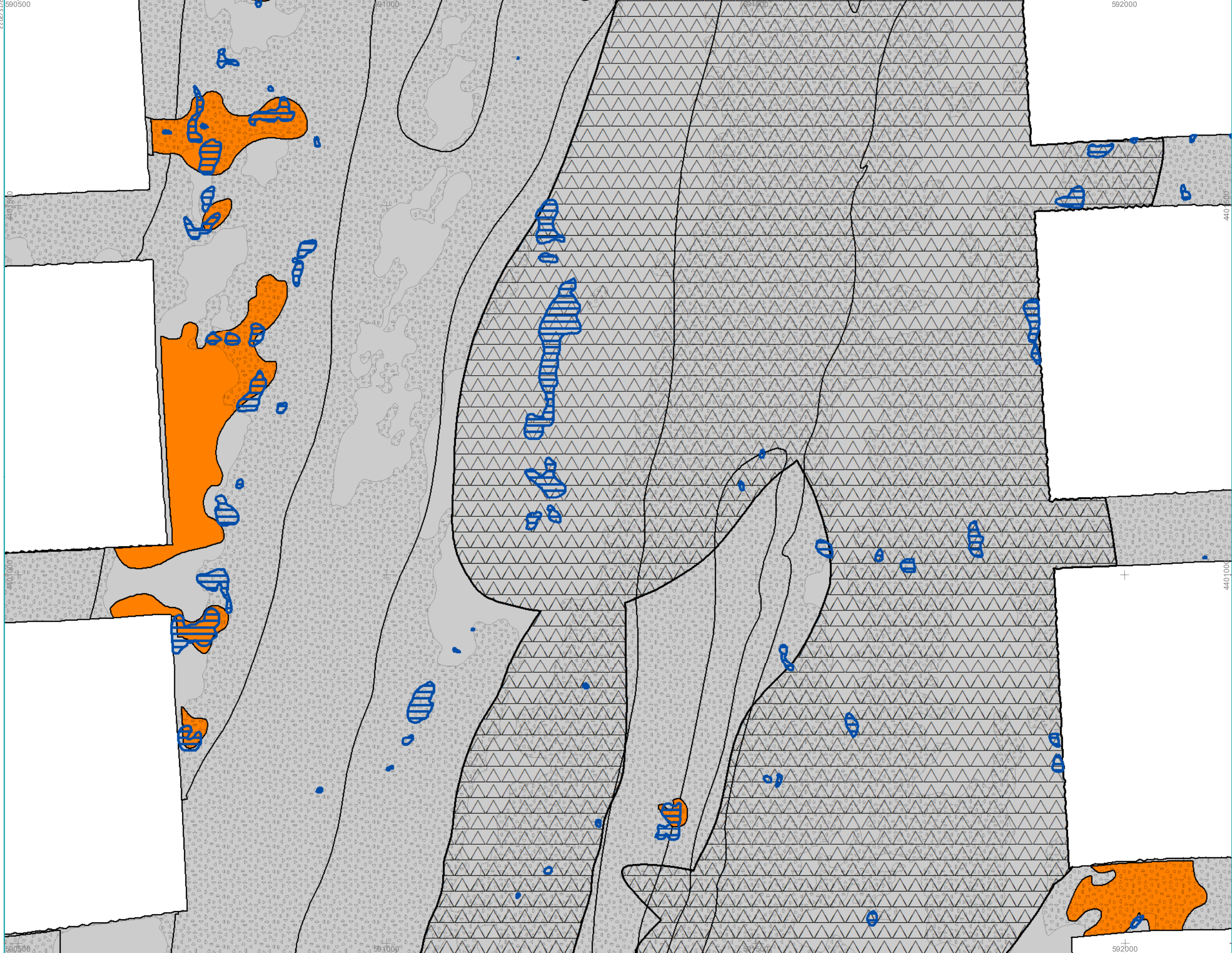
- LEGEND**
- Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

3/15/2023



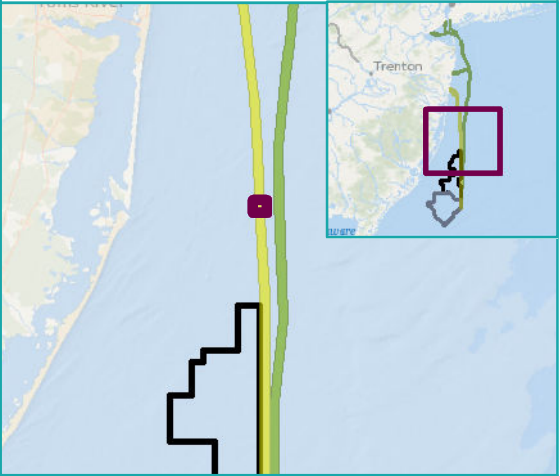
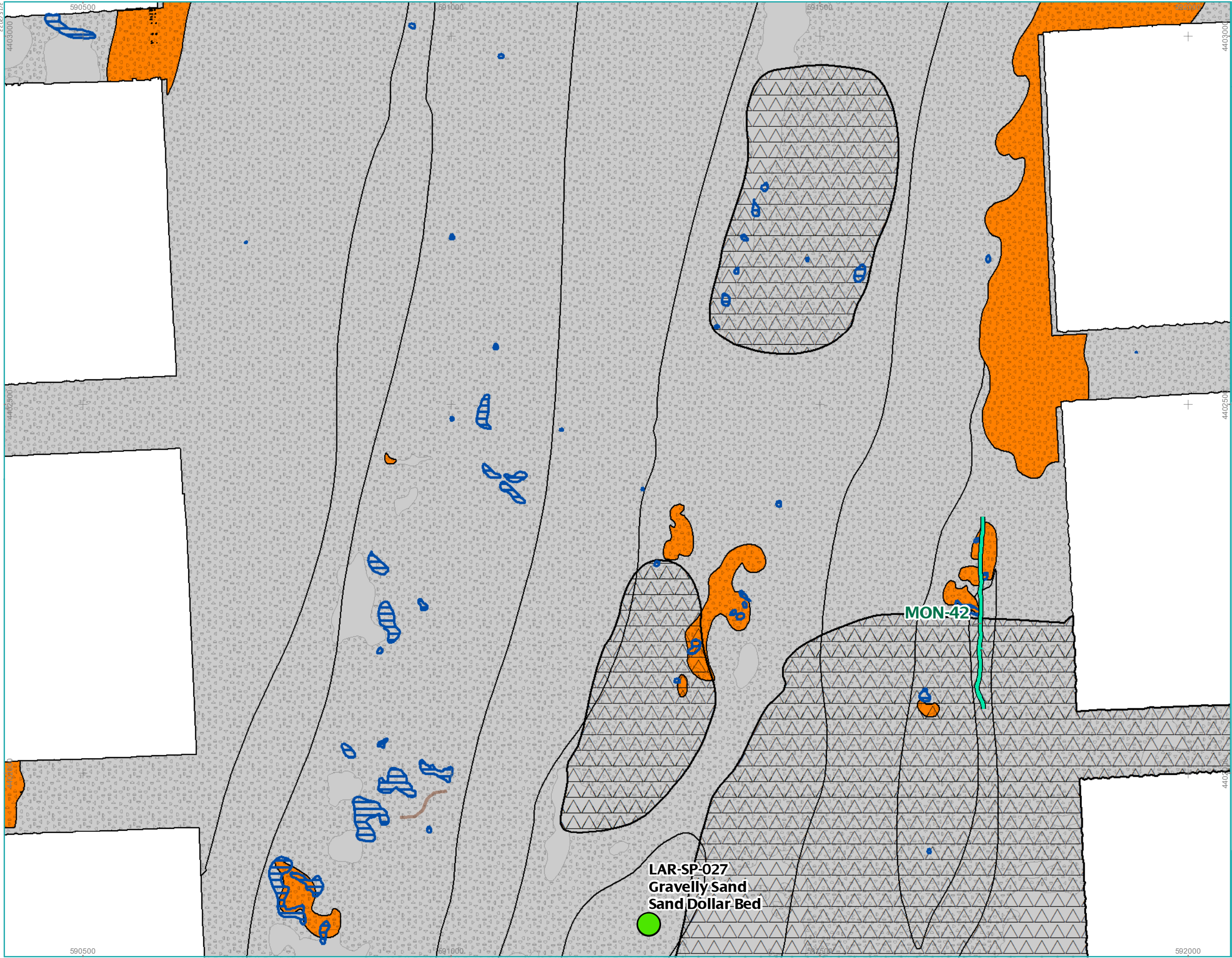
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

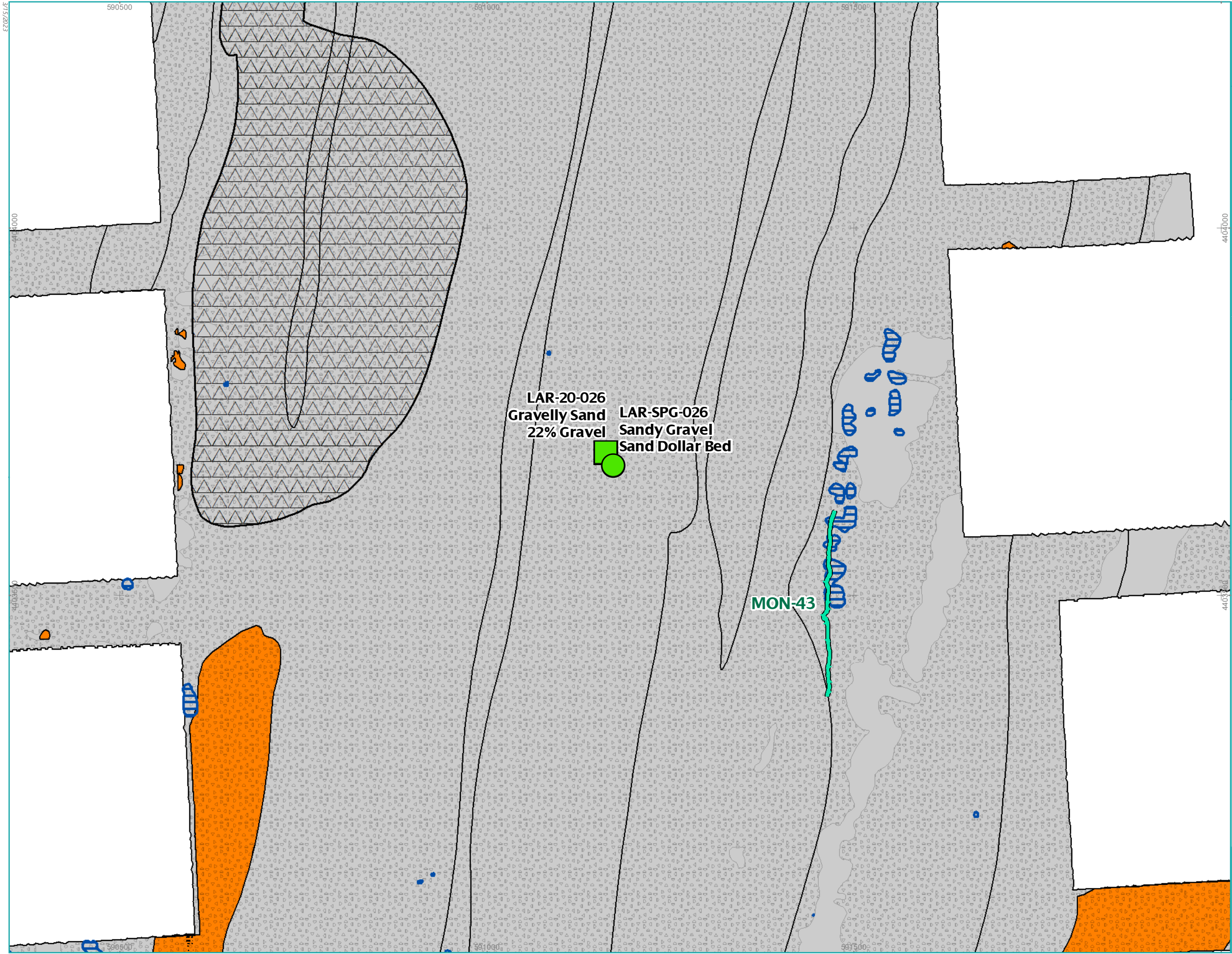
- LEGEND**
- Complex Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



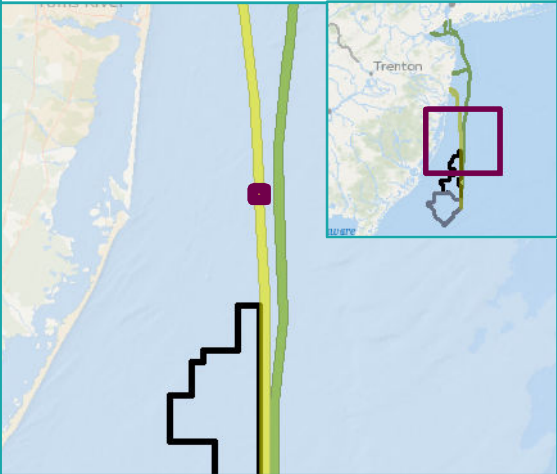
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - SPI/PV
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



3/17/2023

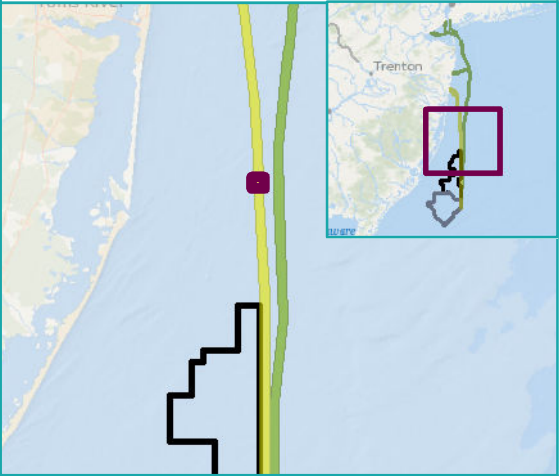


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - SPI/PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

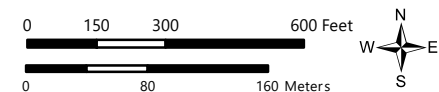
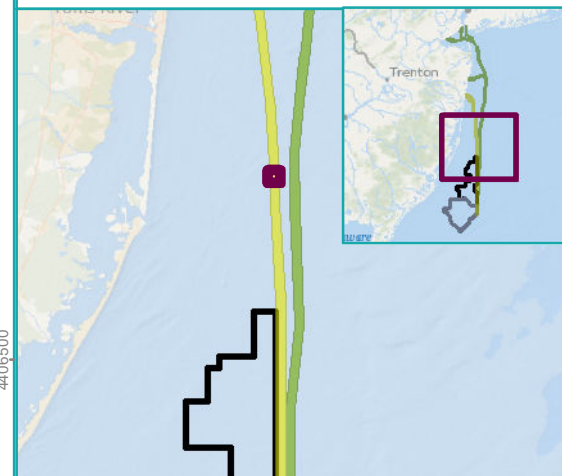


3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

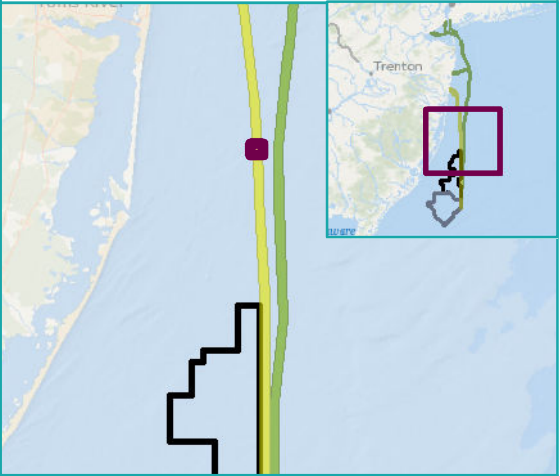
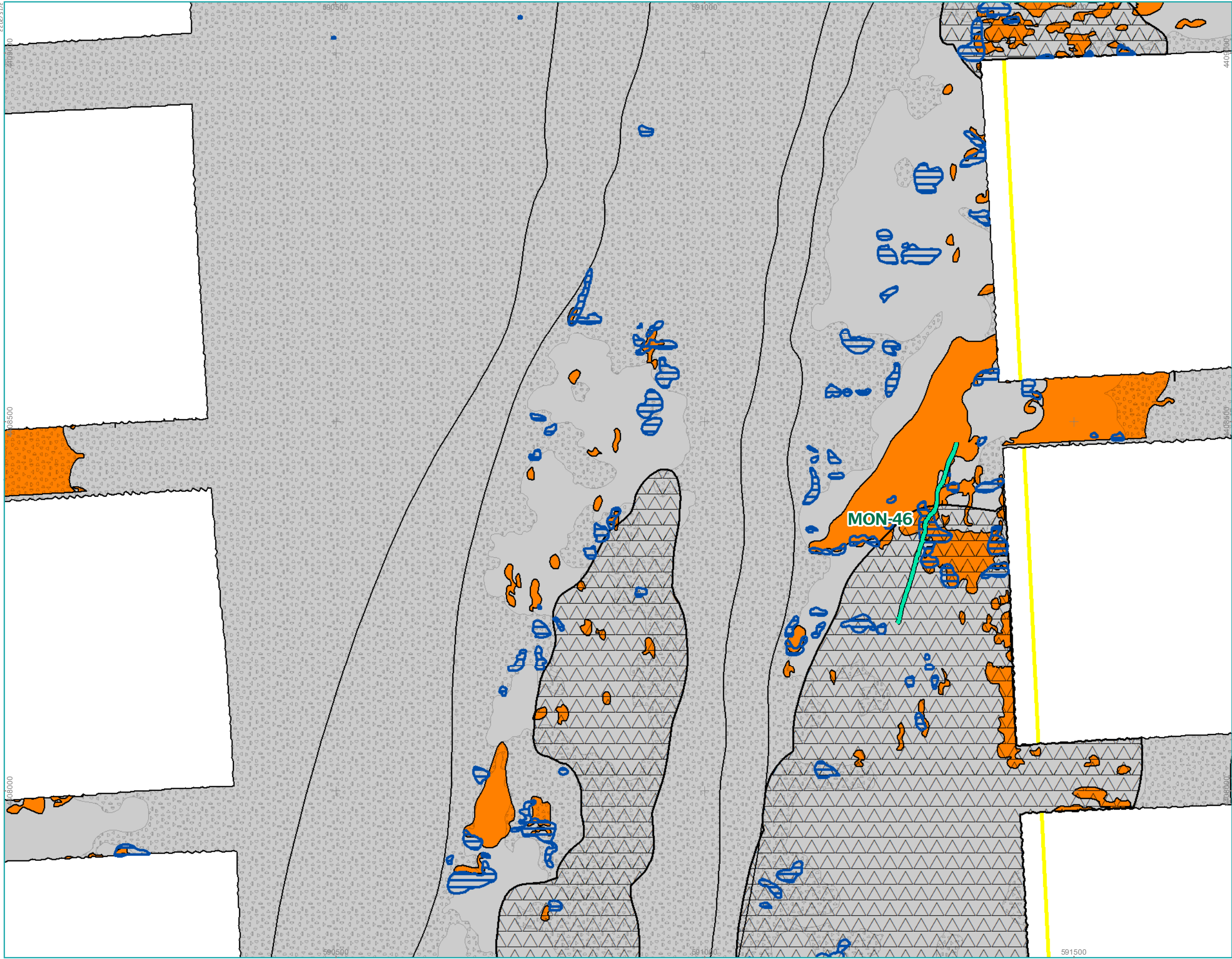
- LEGEND**
- Complex Bottom Station - SPI/PV
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

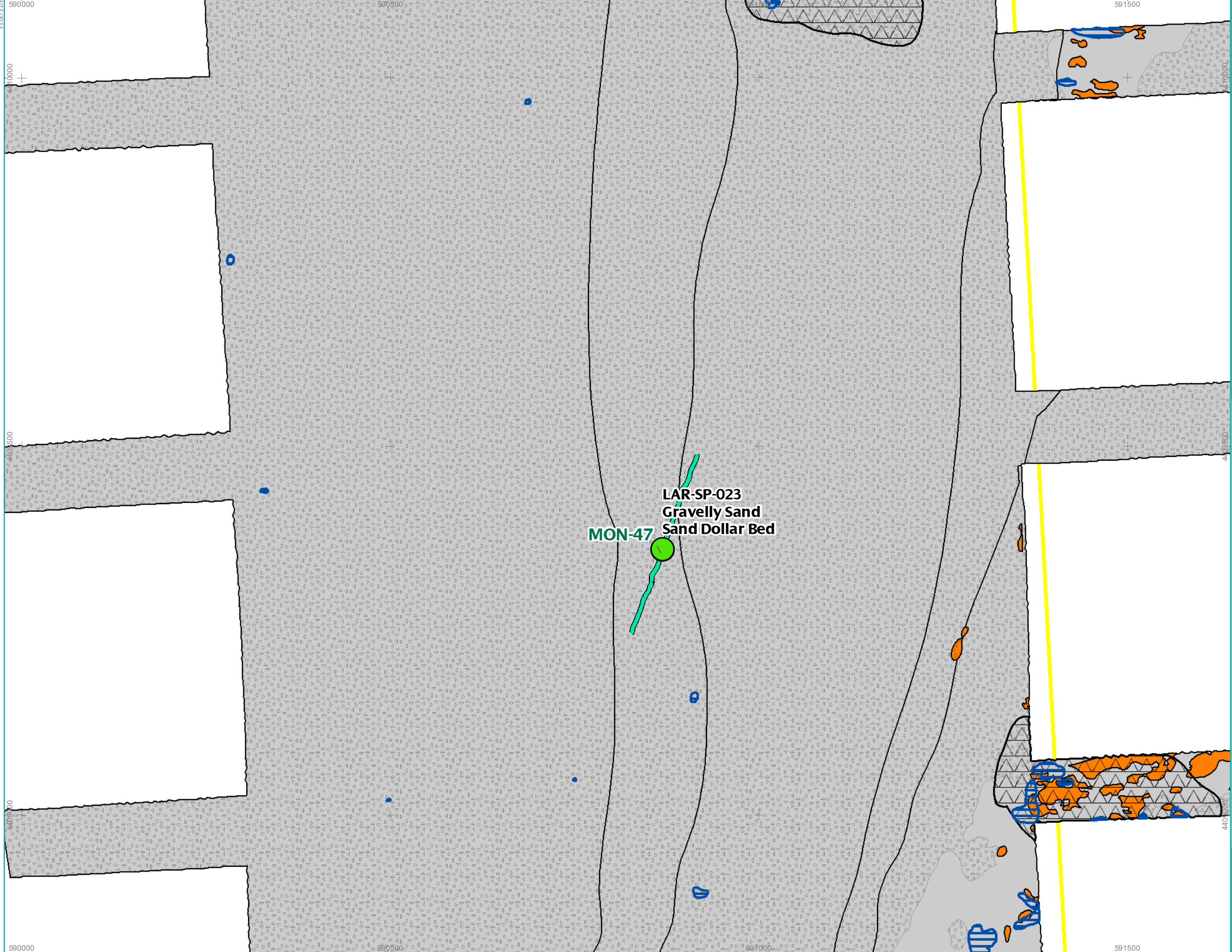
LEGEND

- Complex Bottom Station - SPI/PV
- Video Transect
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Complex Bottom Station - SPI/PV

Video Transect

Localized Relief Features

Ripple

Mega Ripple

Complex Habitat

Soft Bottom Habitat

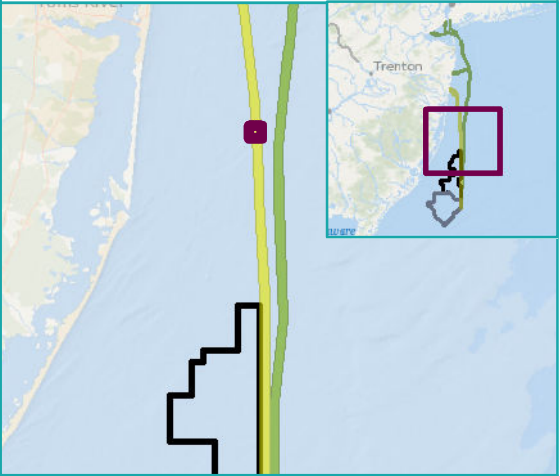
Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Monmouth Export Cable Corridor (ECC)

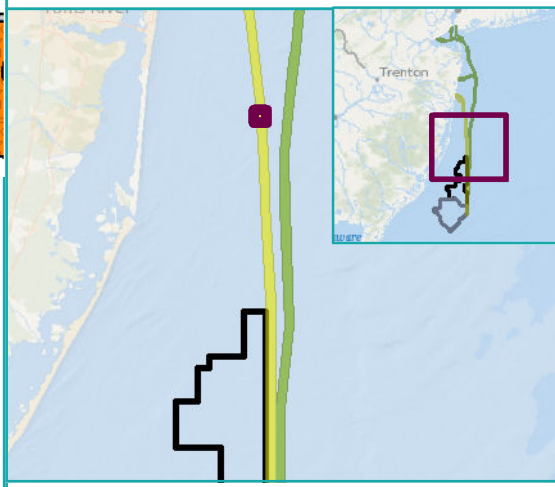
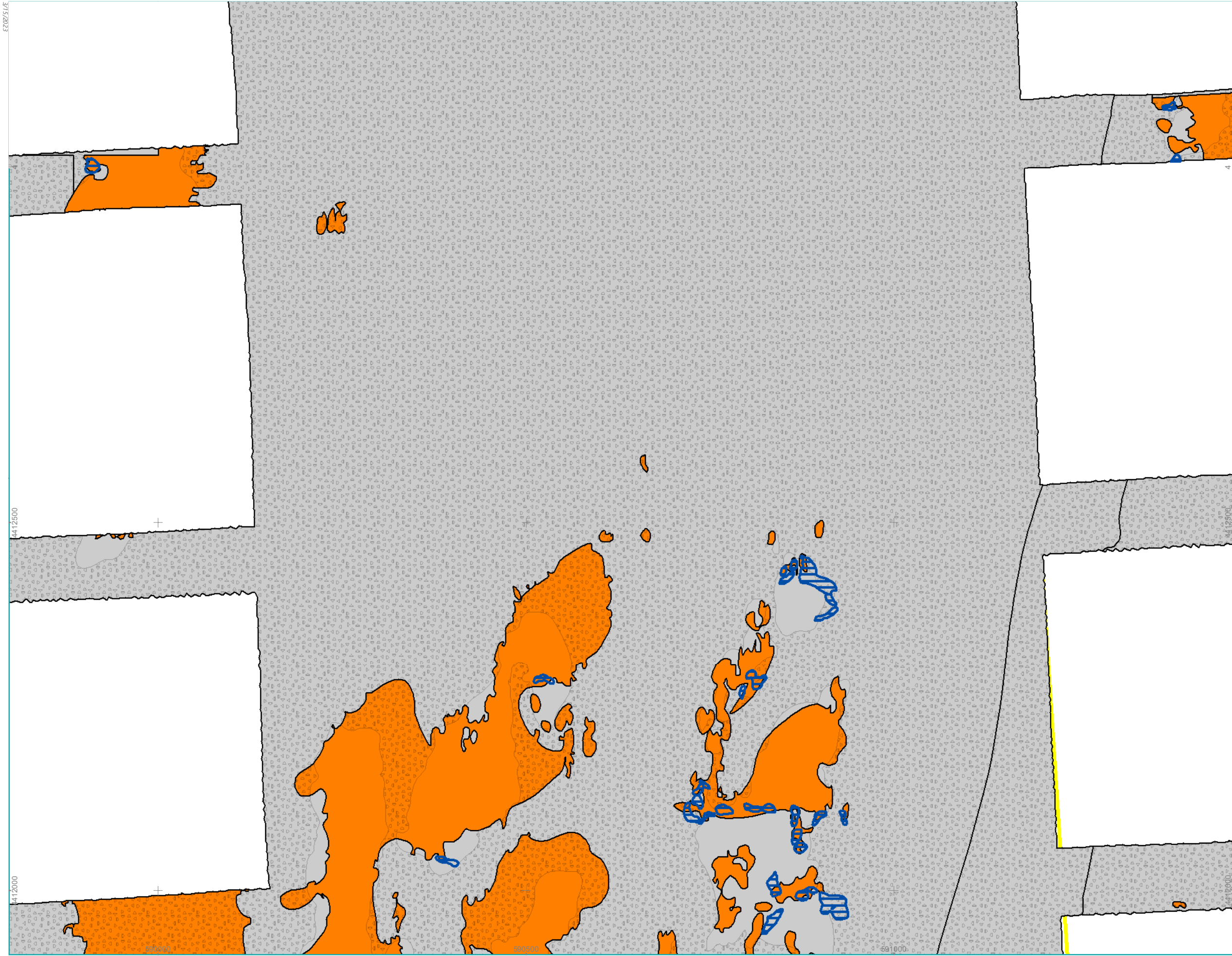
Slide 59 of 109



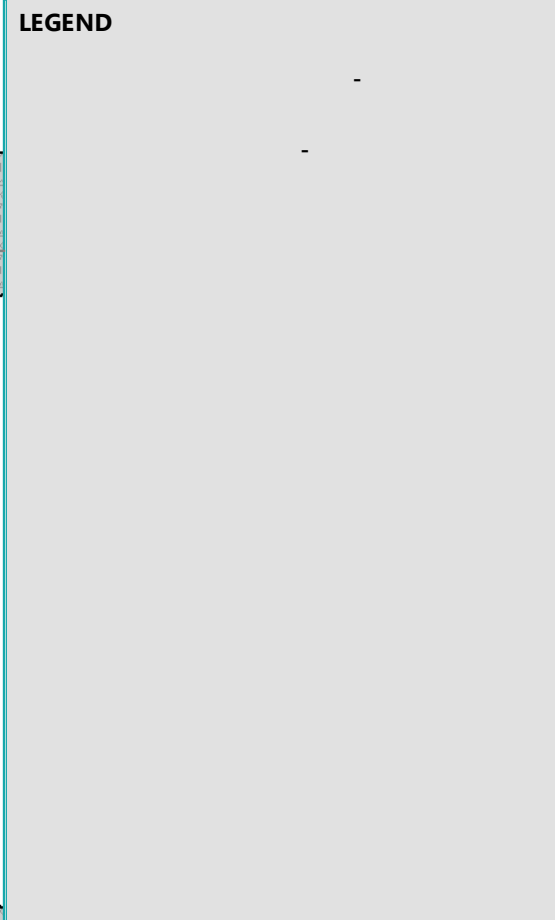
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

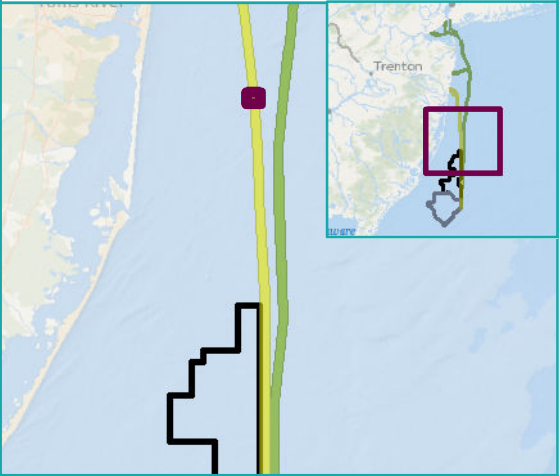
- LEGEND**
- Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

3/7/2023



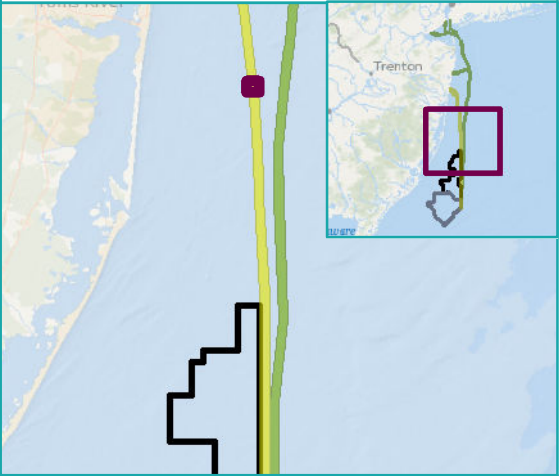
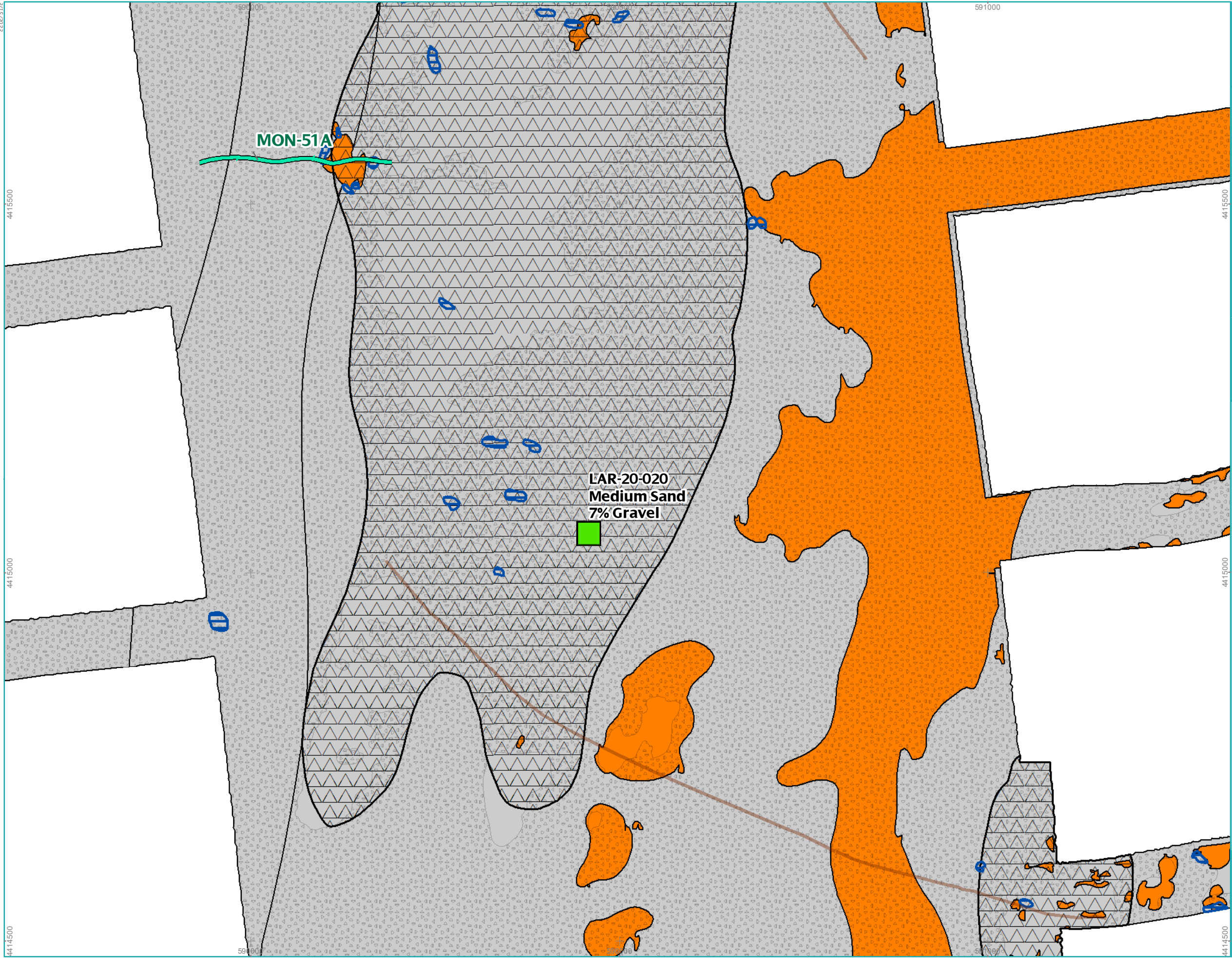
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Basemap: World Ocean Base, Esri





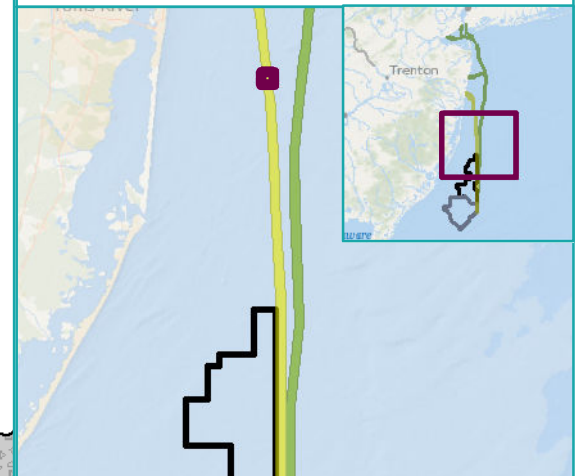
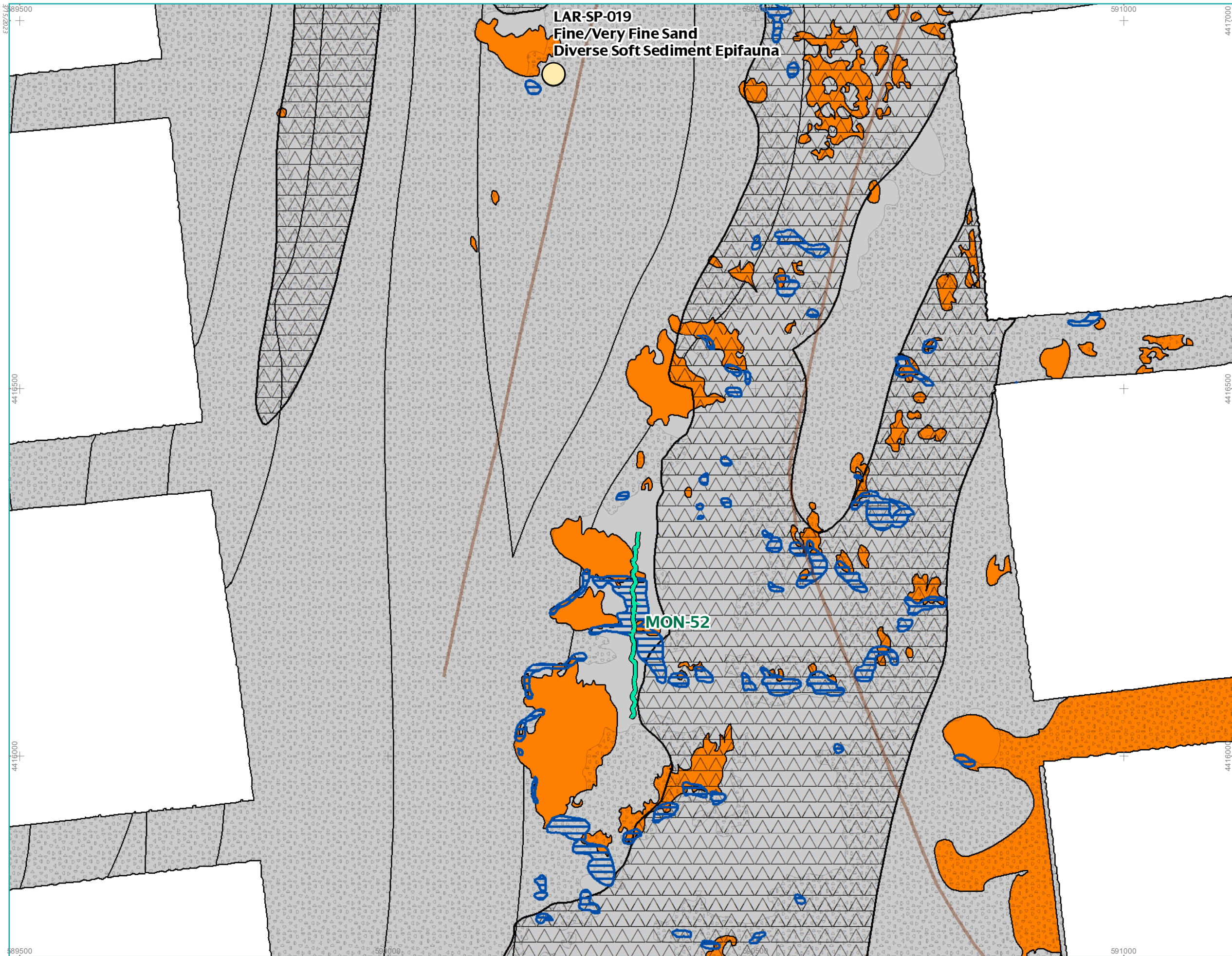
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

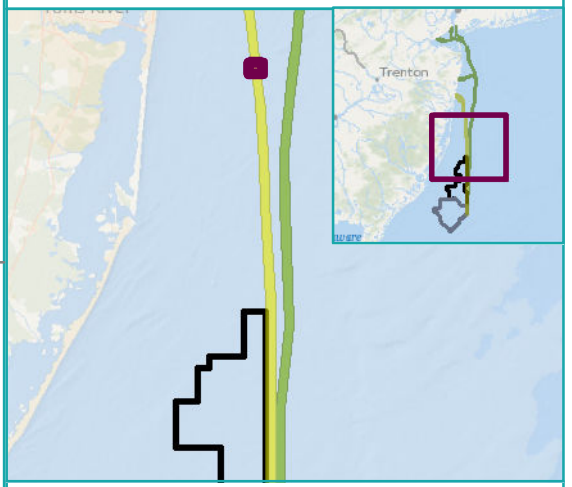
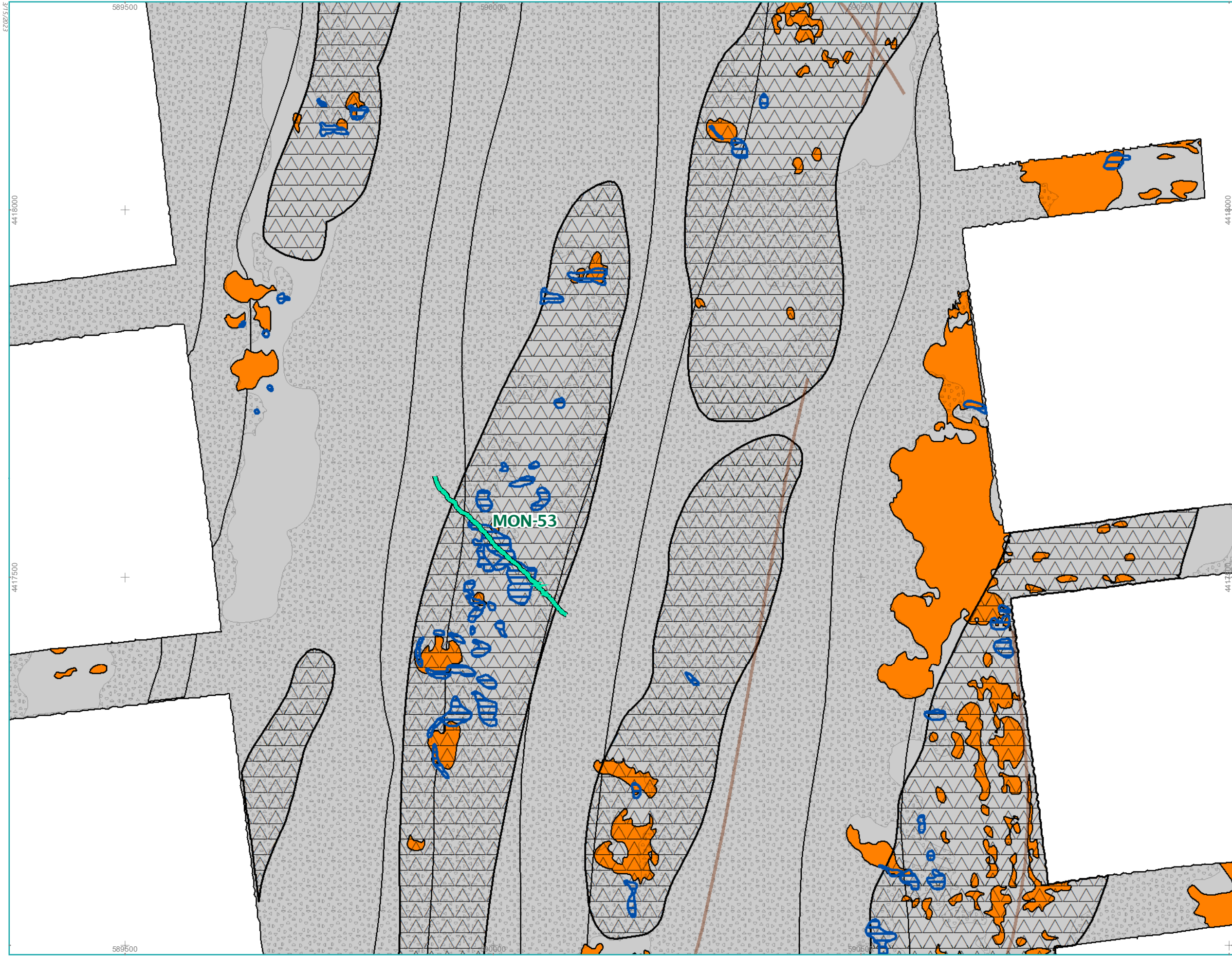
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

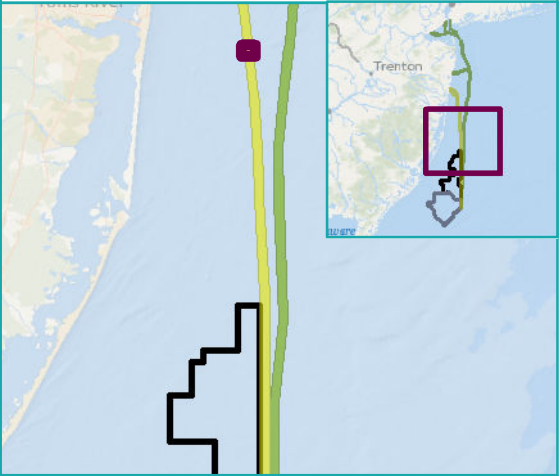
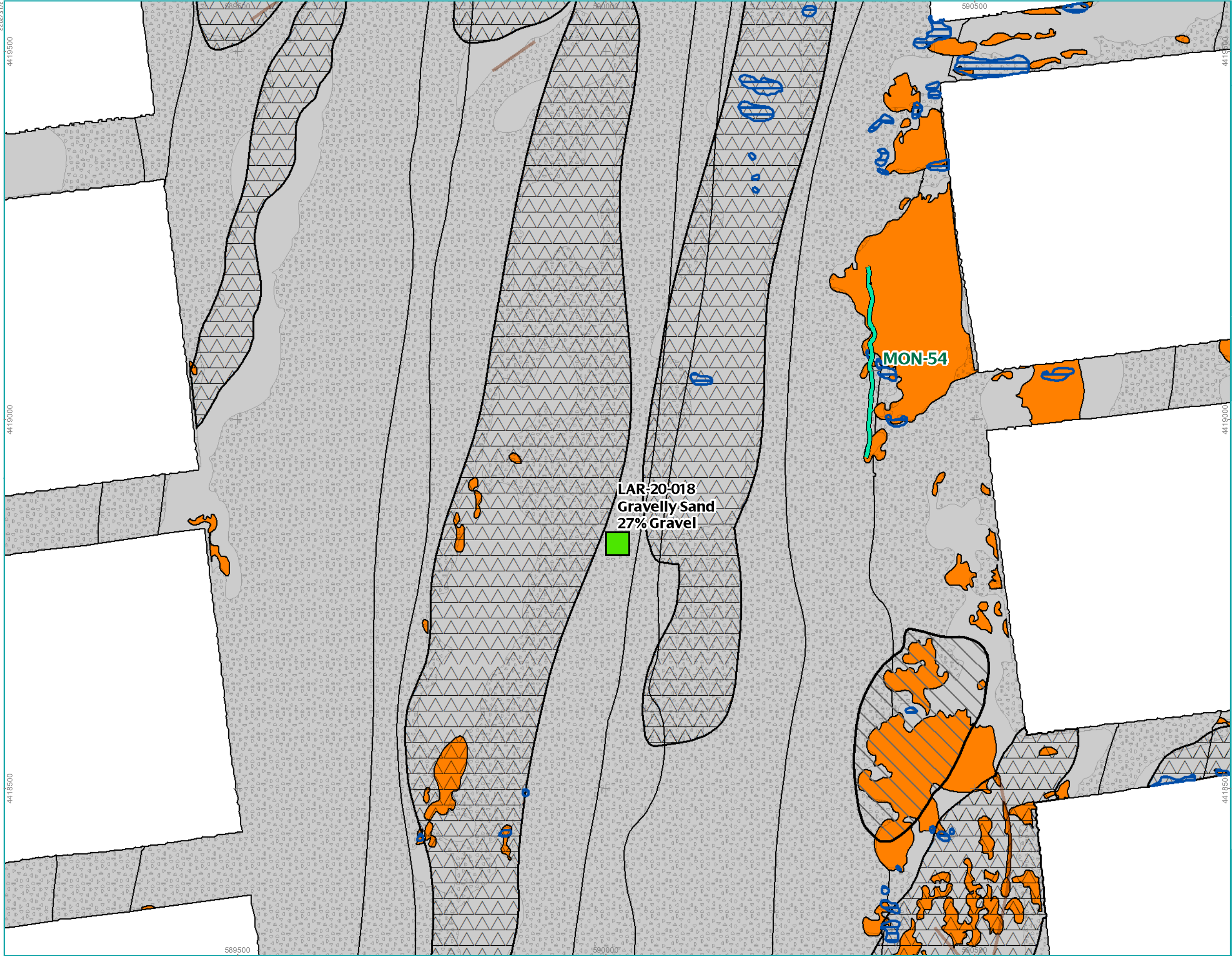
LEGEND

- Soft Bottom Station - SPI/PV
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

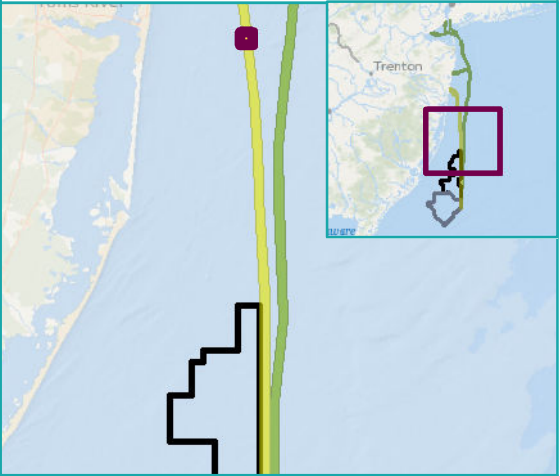
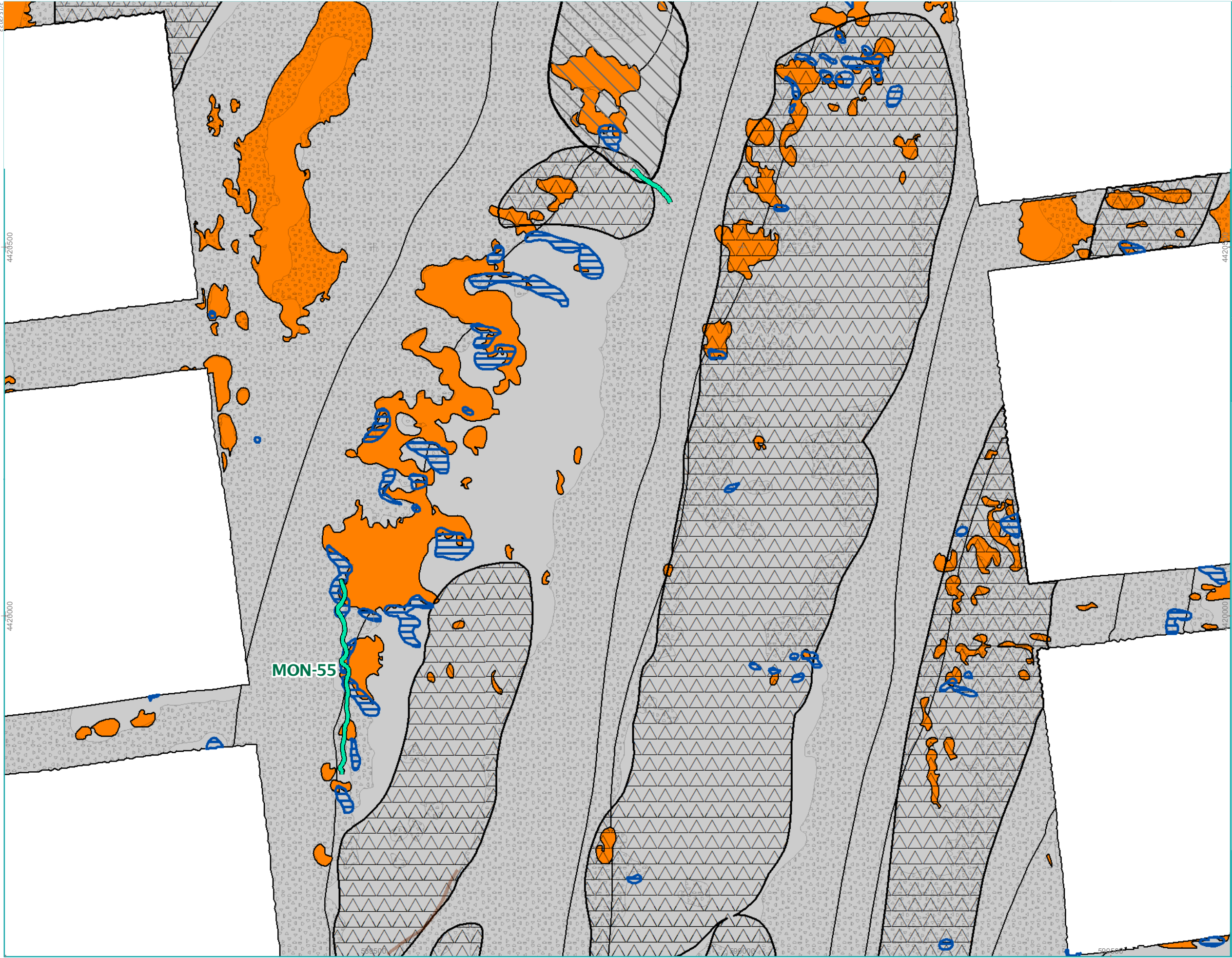
- LEGEND**
- Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



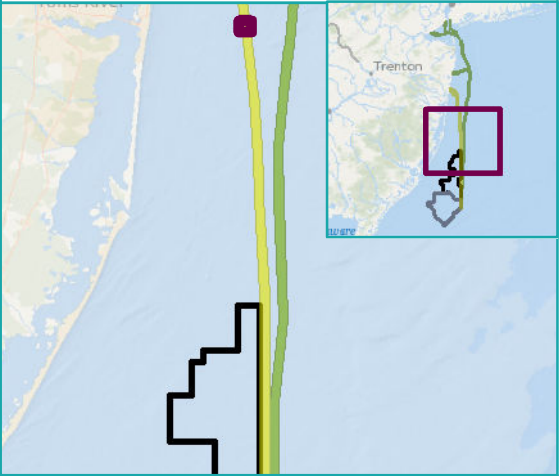
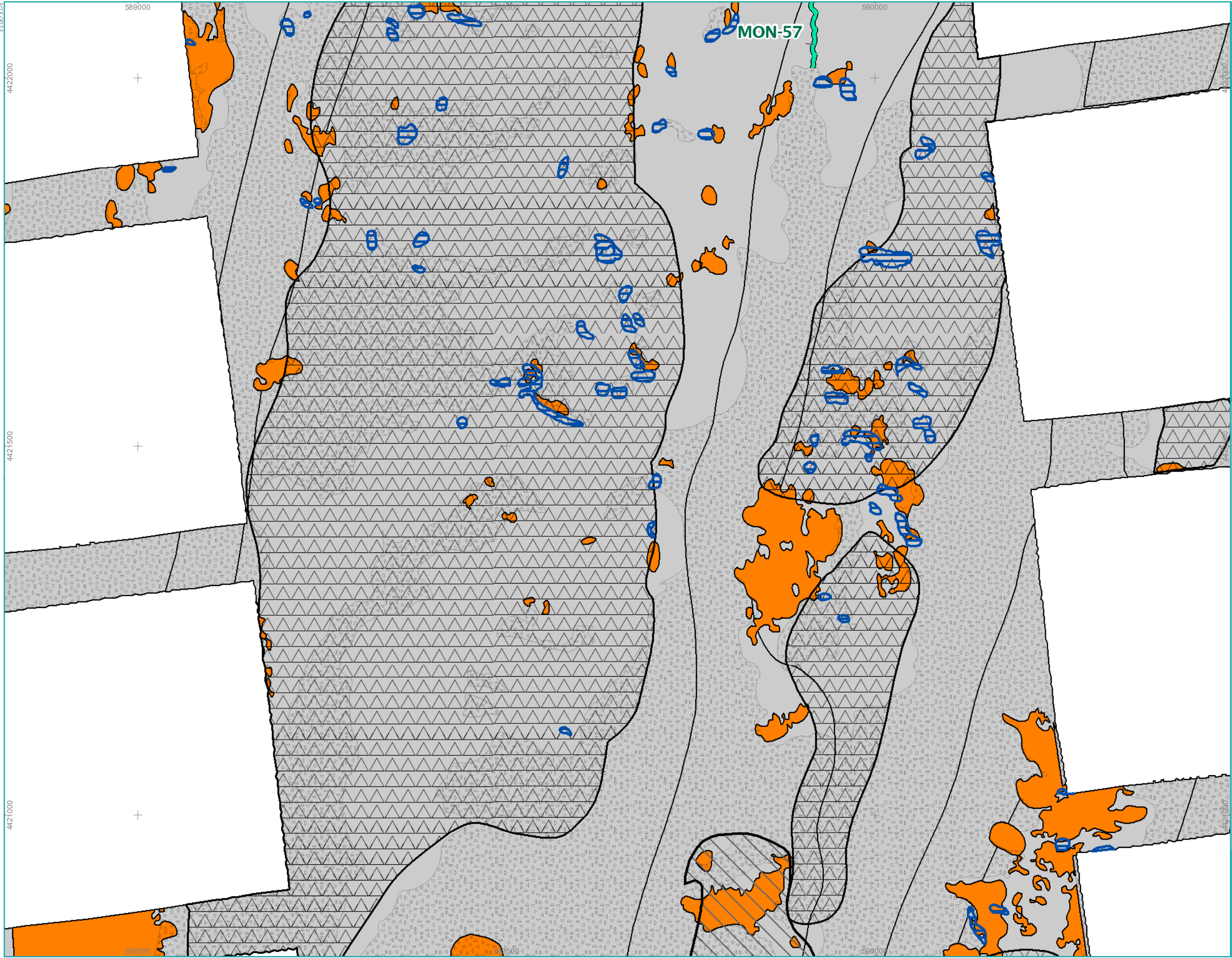
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

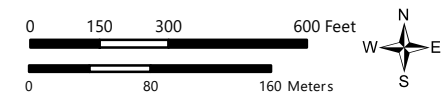
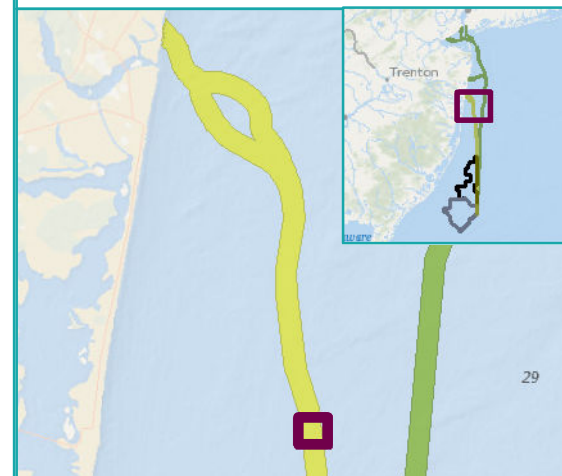


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

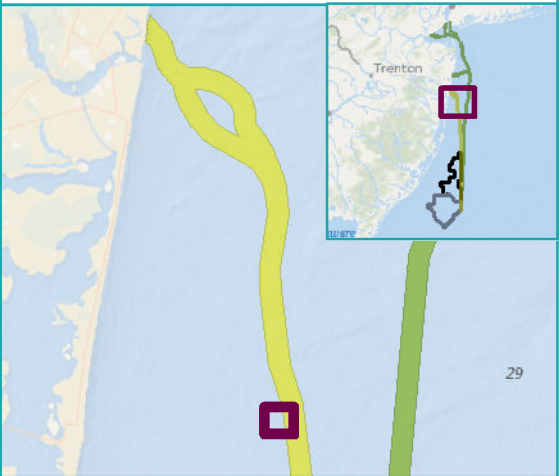
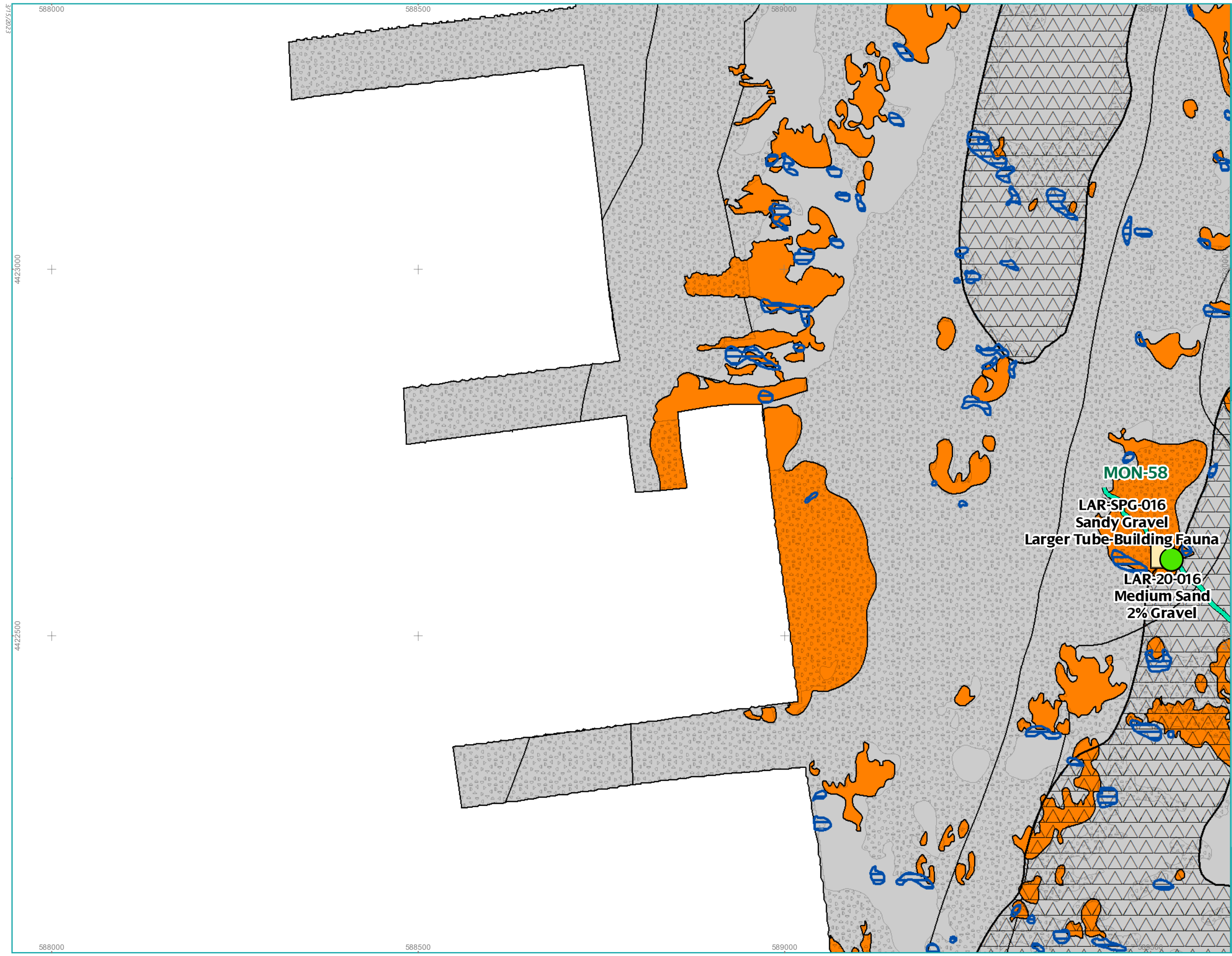
- LEGEND**
- Video Transect
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
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 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

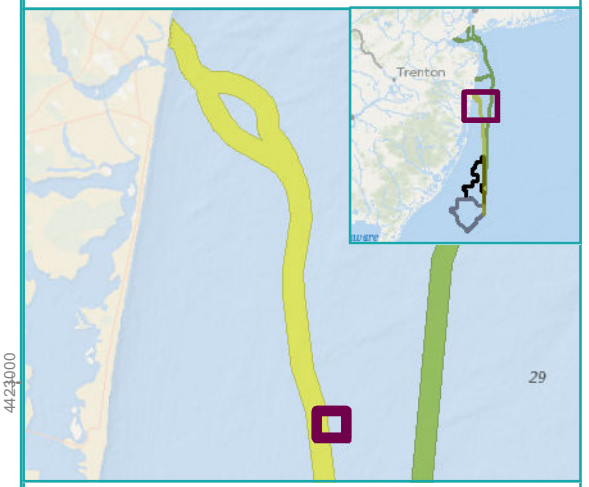
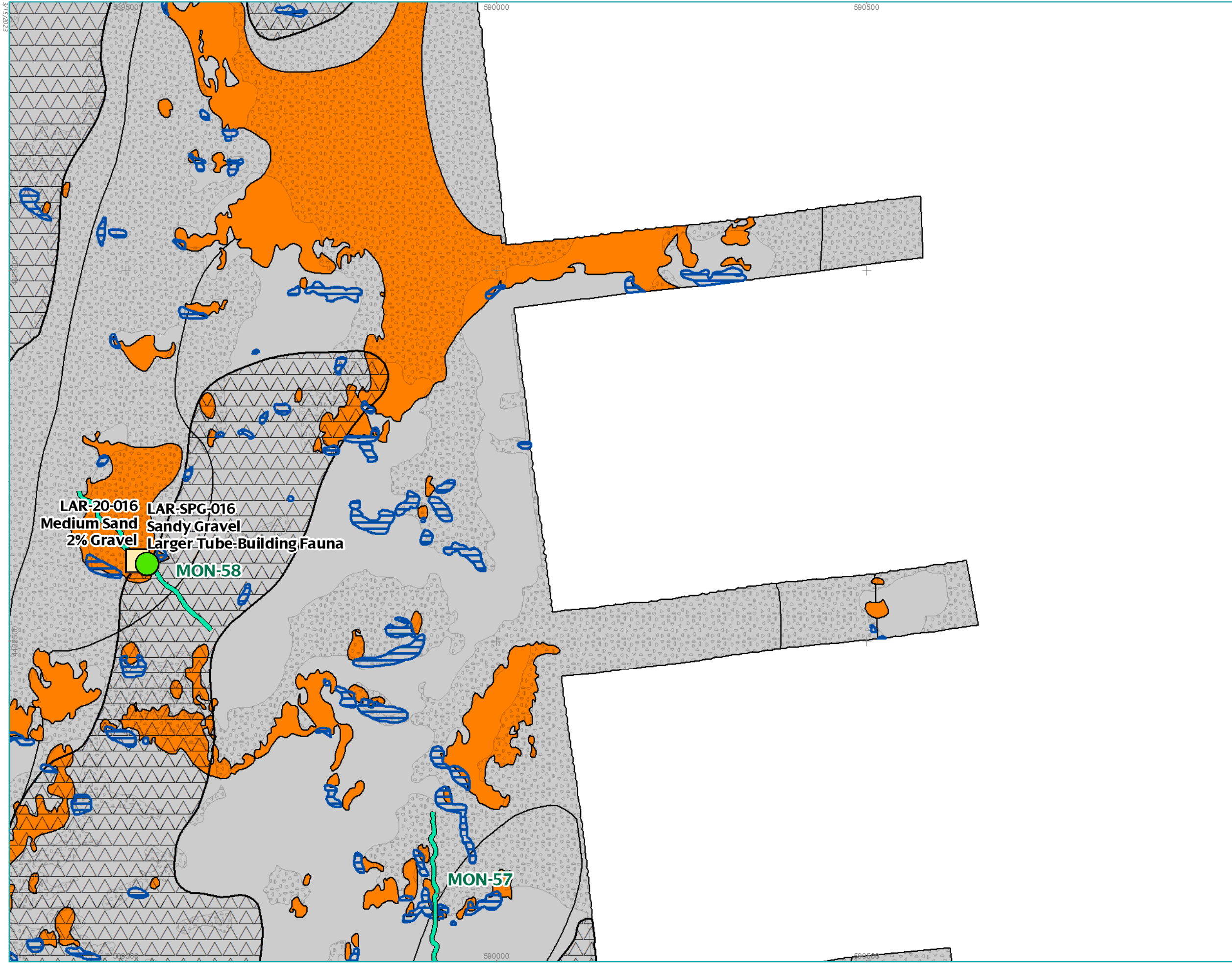
- Complex Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Video Transect
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - SPI/PV
- Soft Bottom Station - Grab Sample
- Video Transect
- Localized Relief Features
- Ripple
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- Complex Habitat
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- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
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- LEGEND**
- Complex Bottom Station - SPI/PV
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 - Video Transect
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

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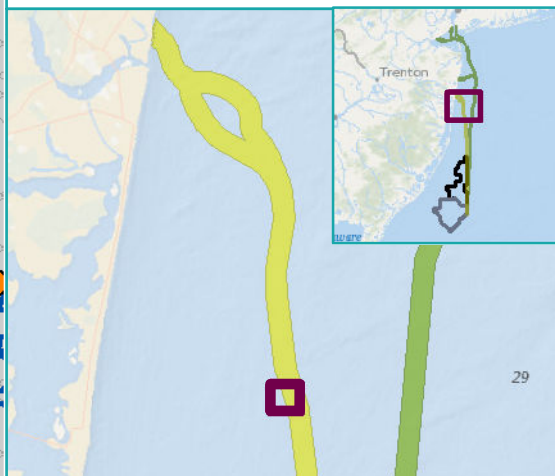
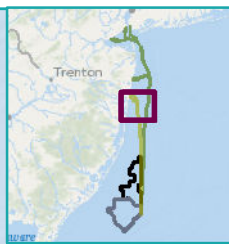
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588500

589000

589500

ATLANTIC SHORES
offshore wind



0150300600 Feet

080160 Meters



Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

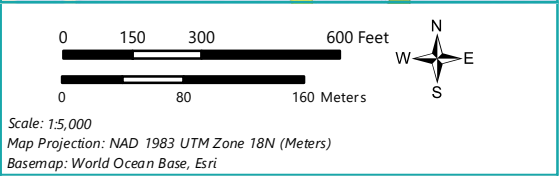
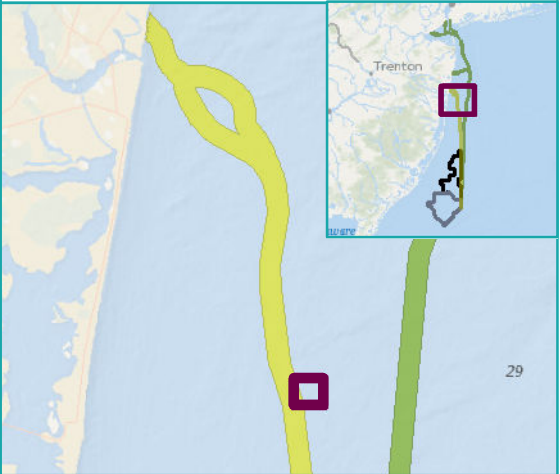
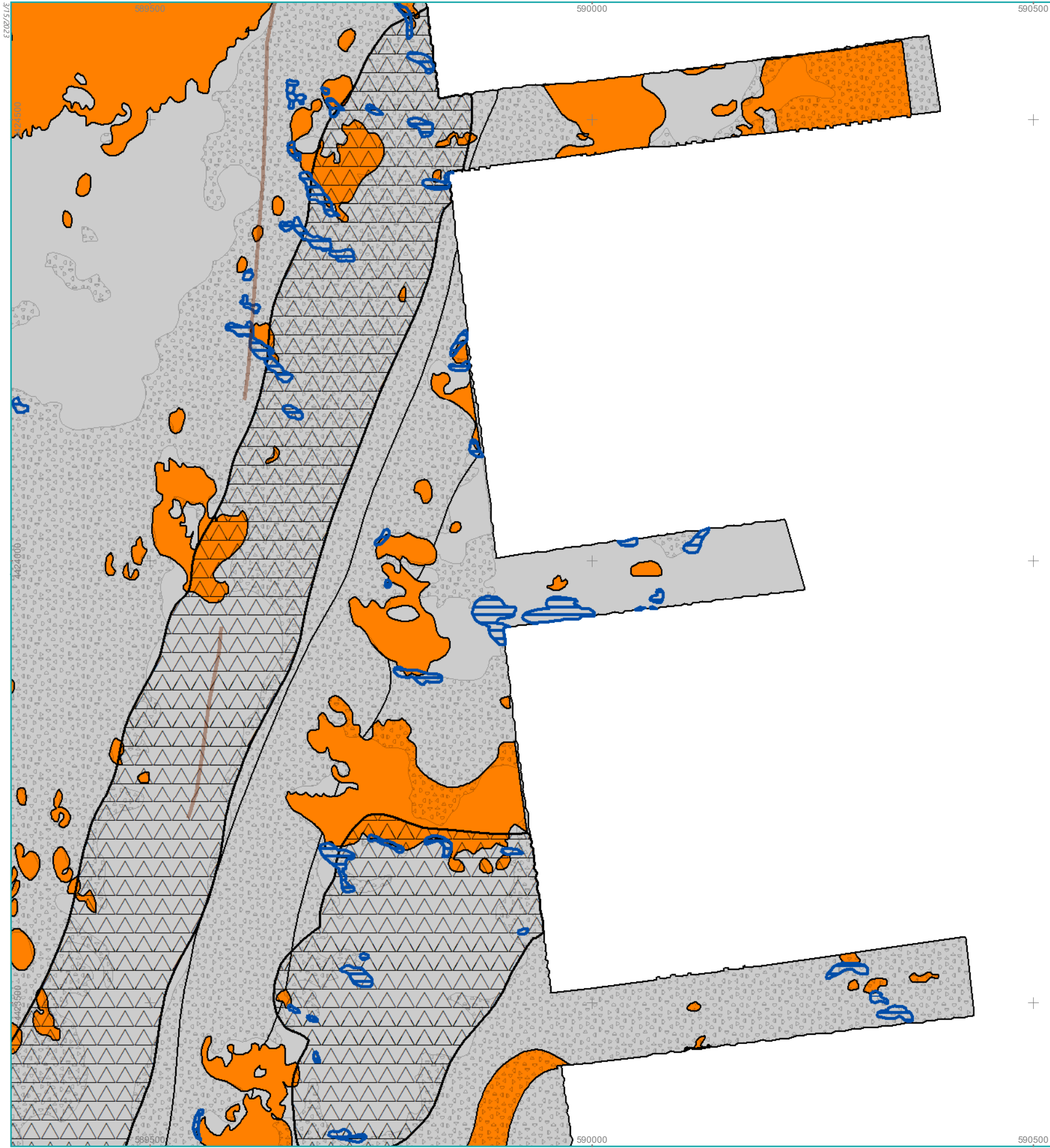
Basemap: World Ocean Base, Esri

LEGEND

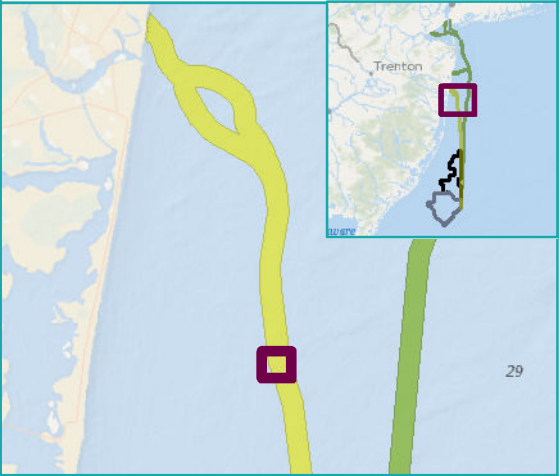
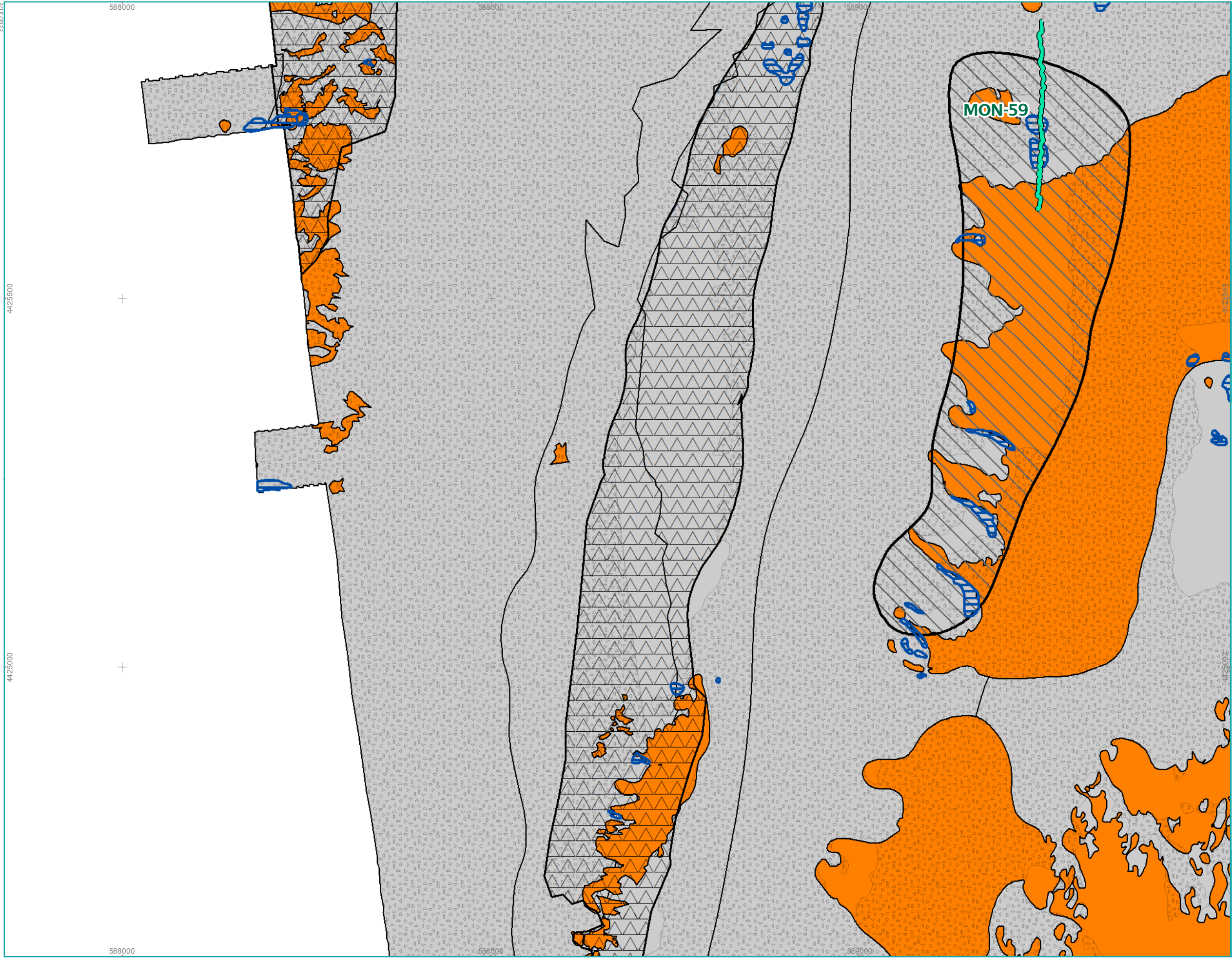


Atlantic Shores North EFH Maps
1:5000 Scale

Monmouth Export Cable Corridor (ECC)
Slide 73 of 109

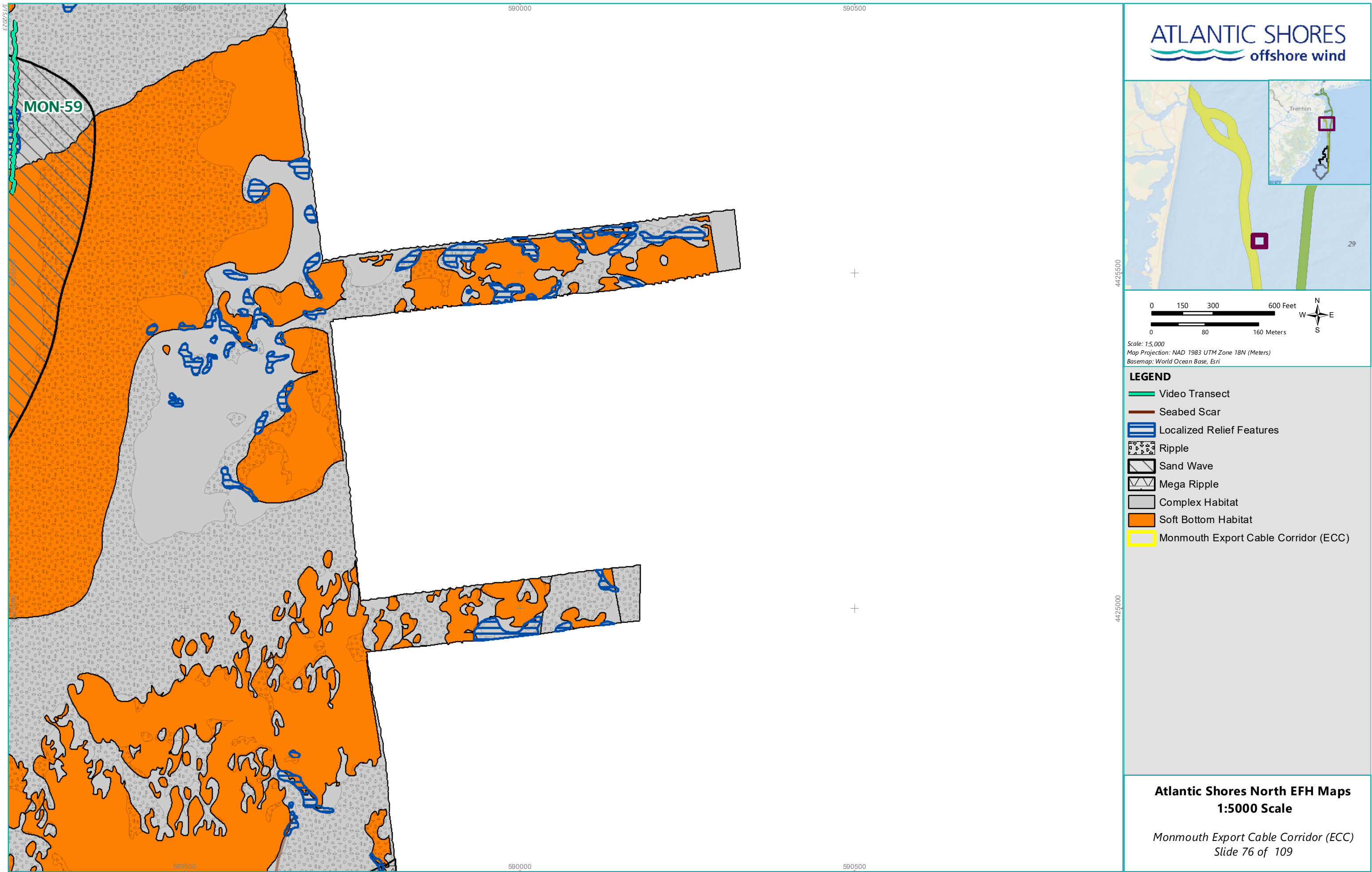


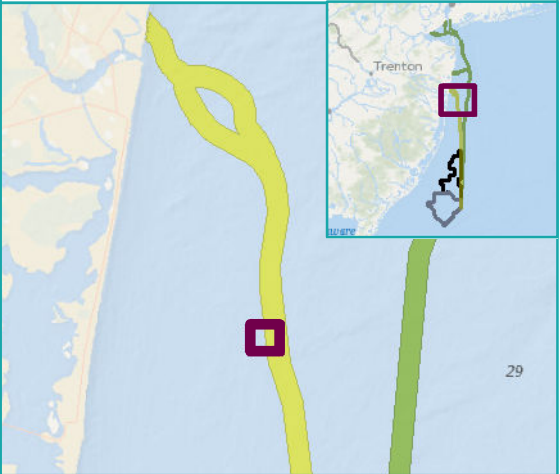
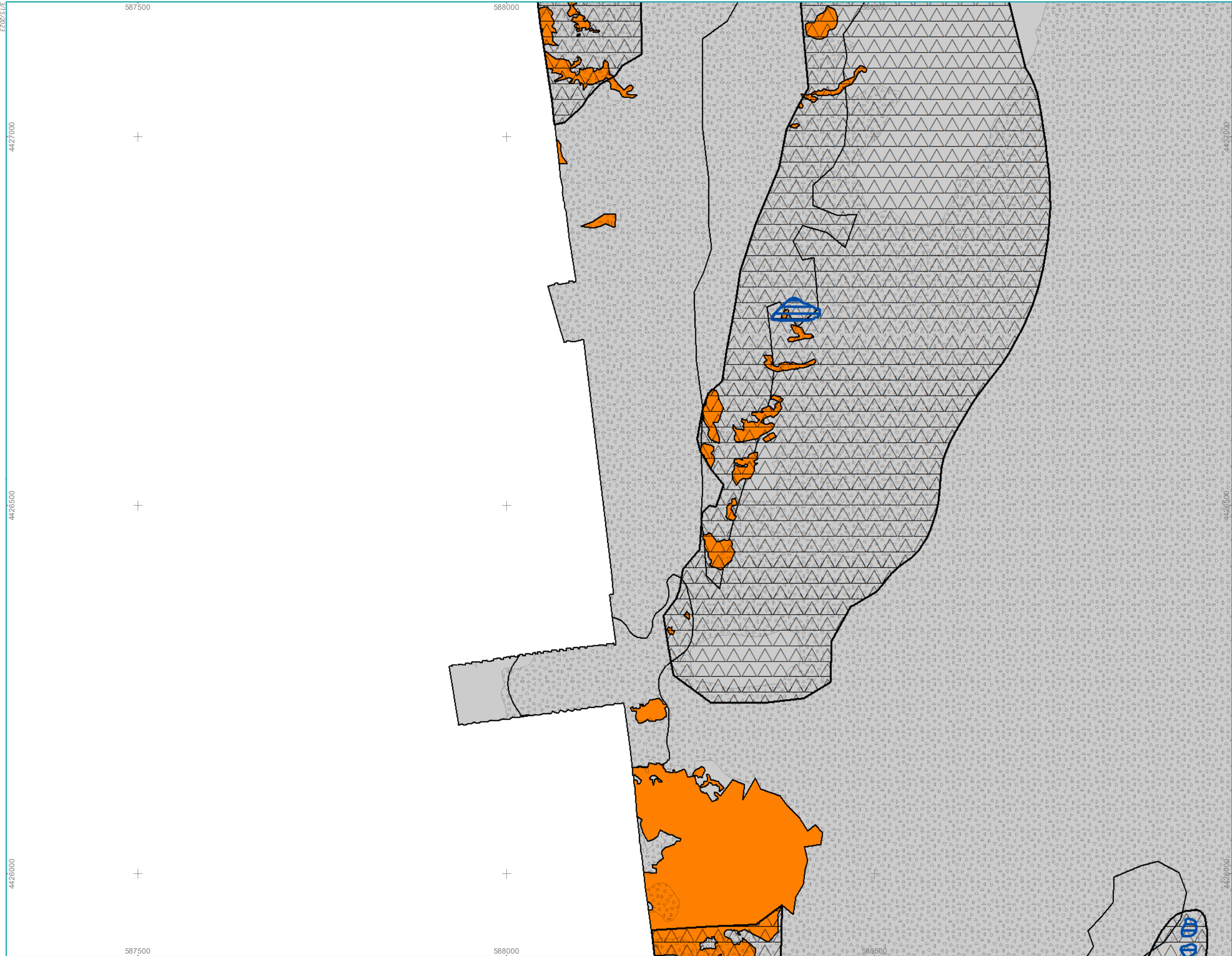
- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

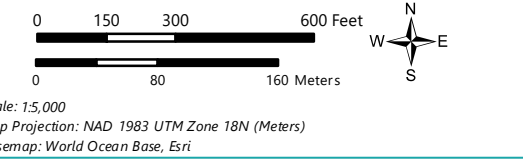
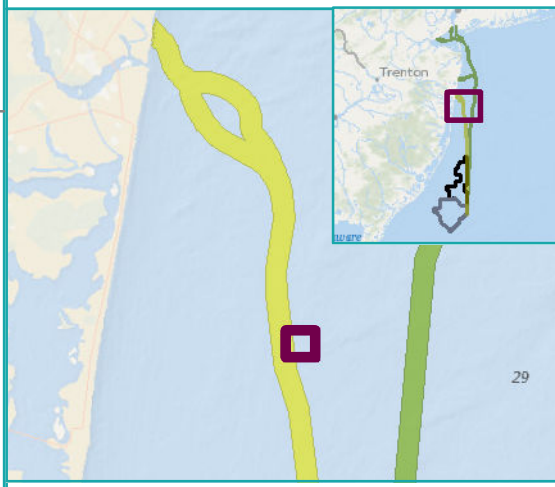
- LEGEND**
- Video Transect
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



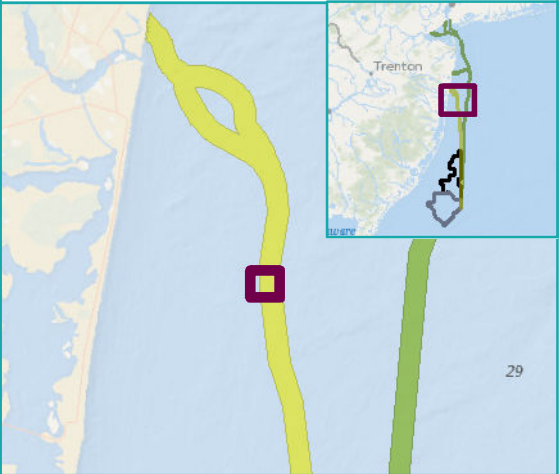
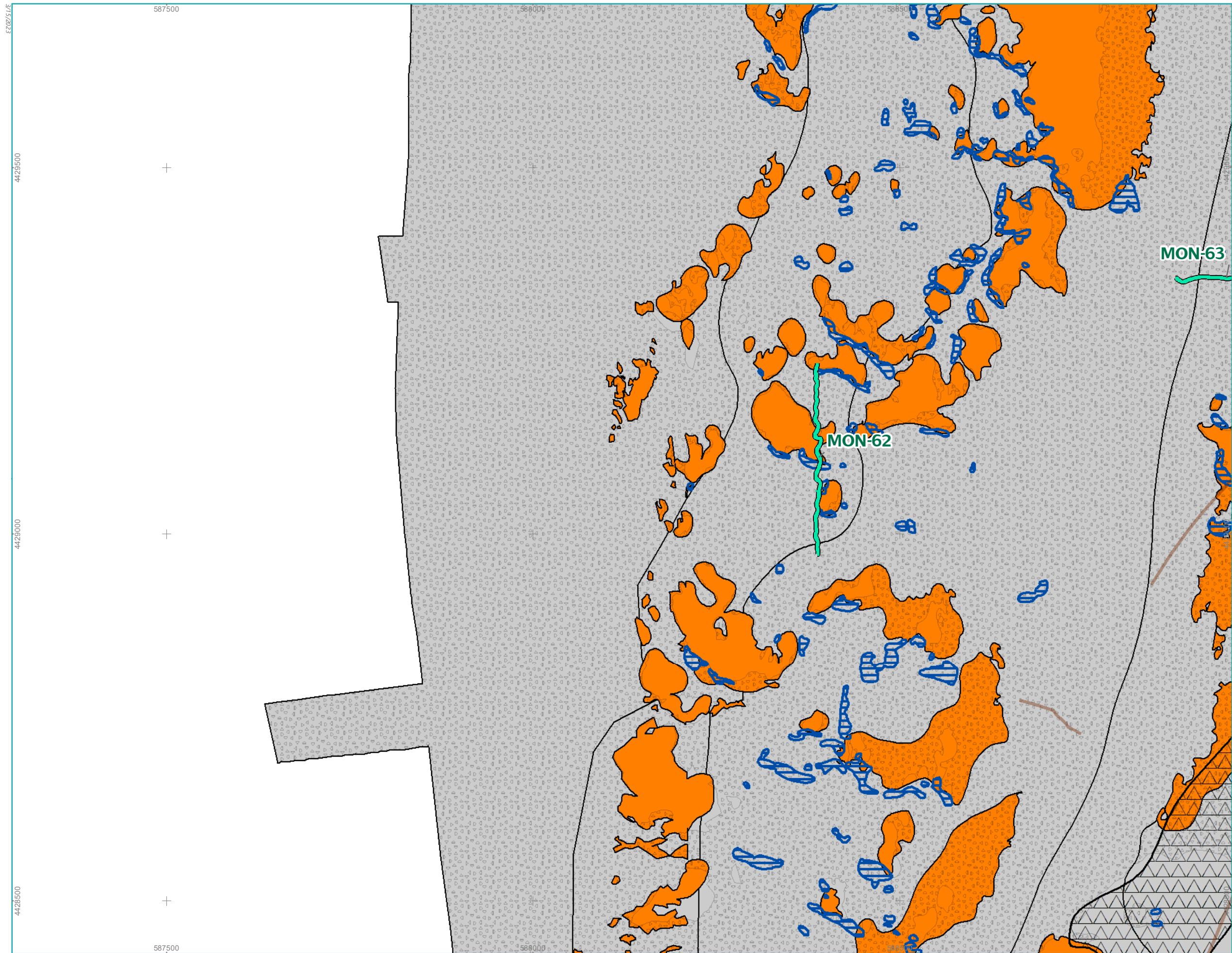


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Localized Relief Features
 - Ripple
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



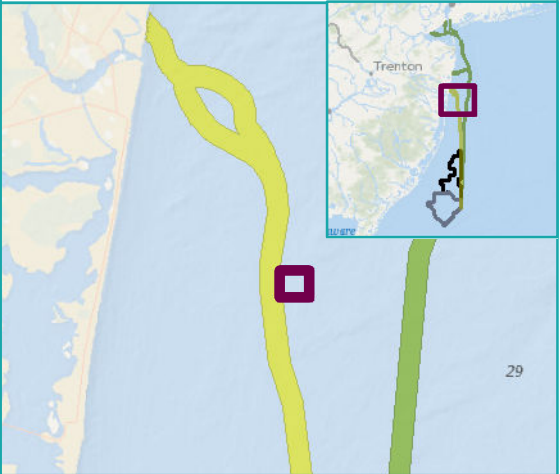
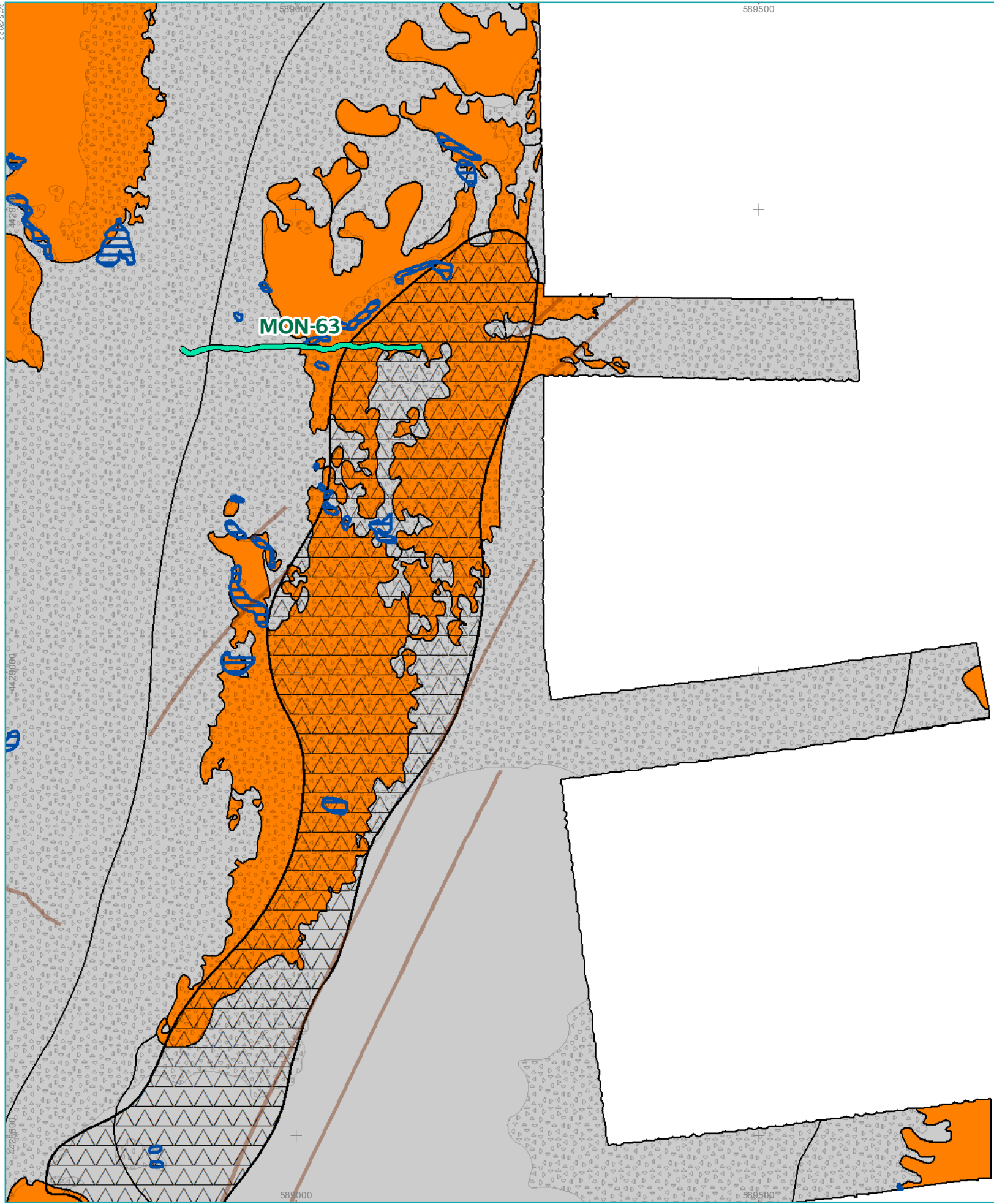
- LEGEND**
- Complex Bottom Station - Grab Sample
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Mega Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

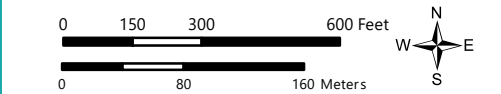
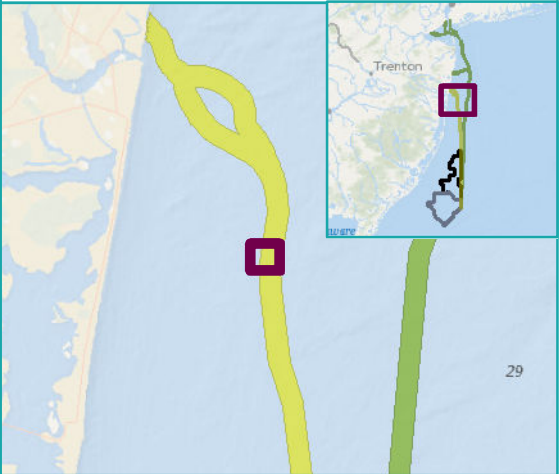
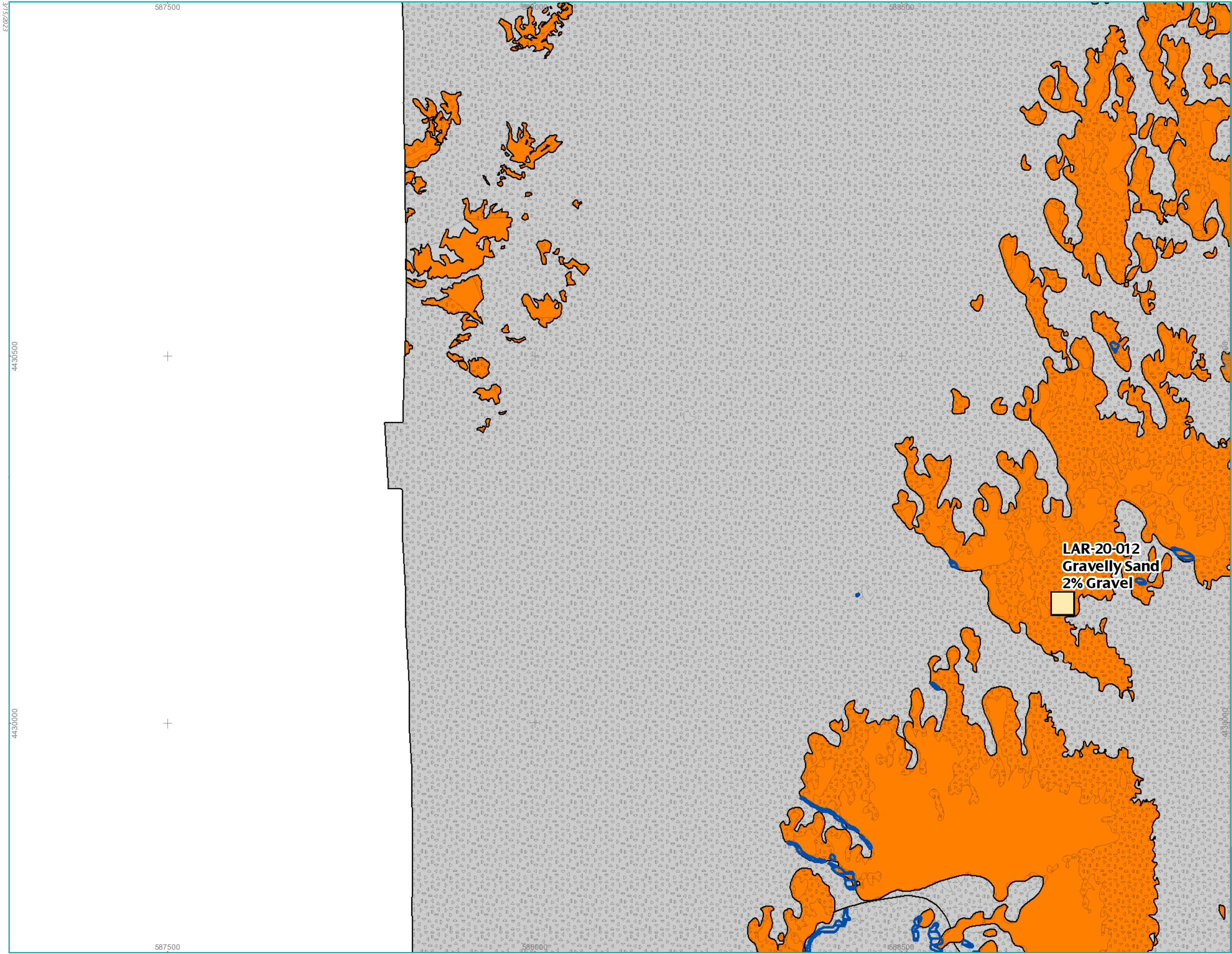
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

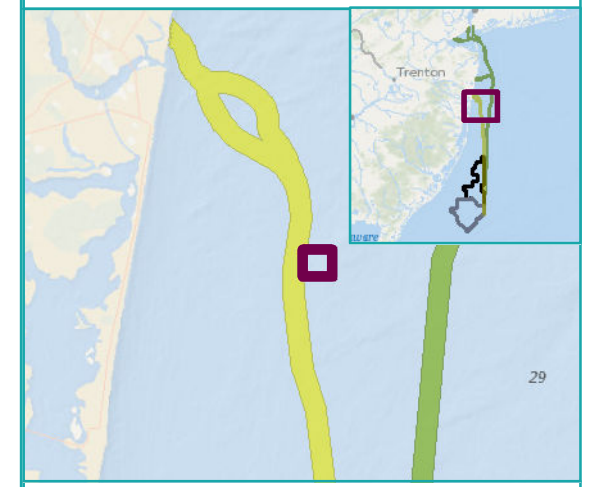
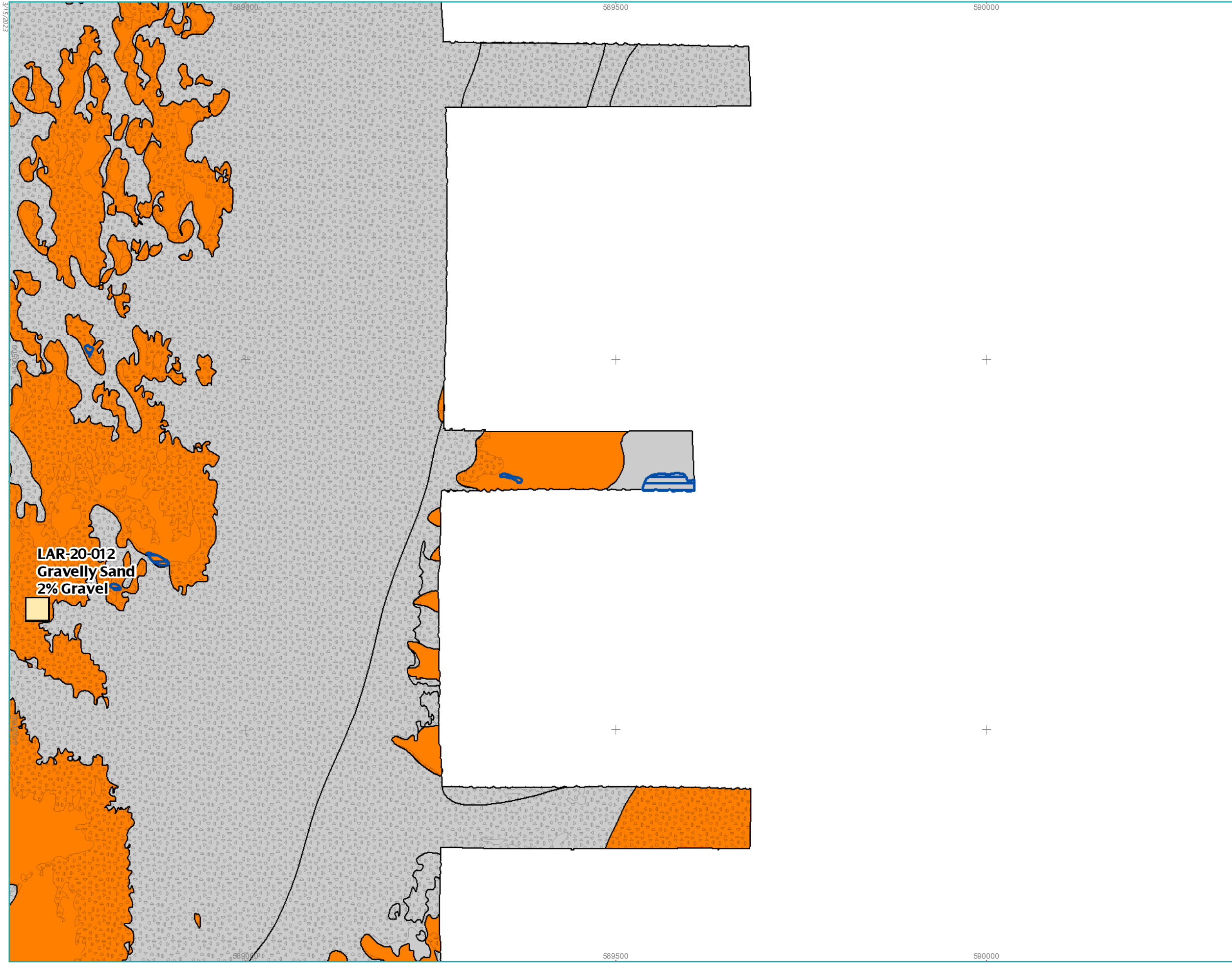
- Video Transect
- Seabed Scar
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

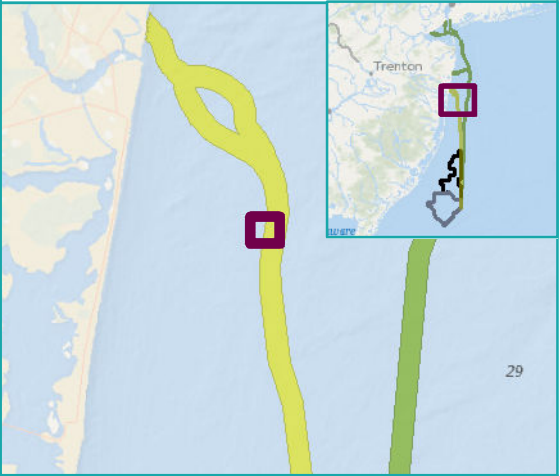
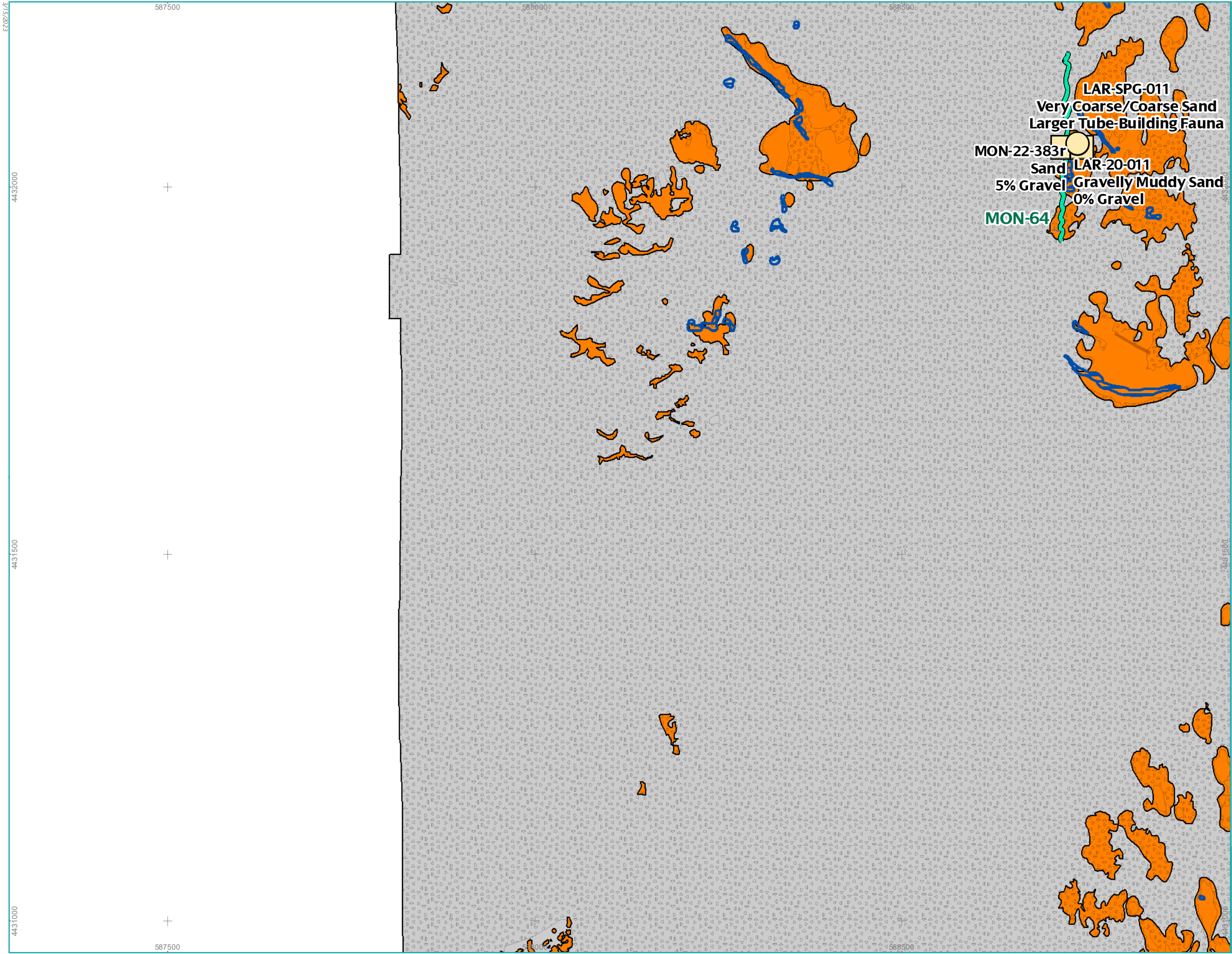
3/17/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

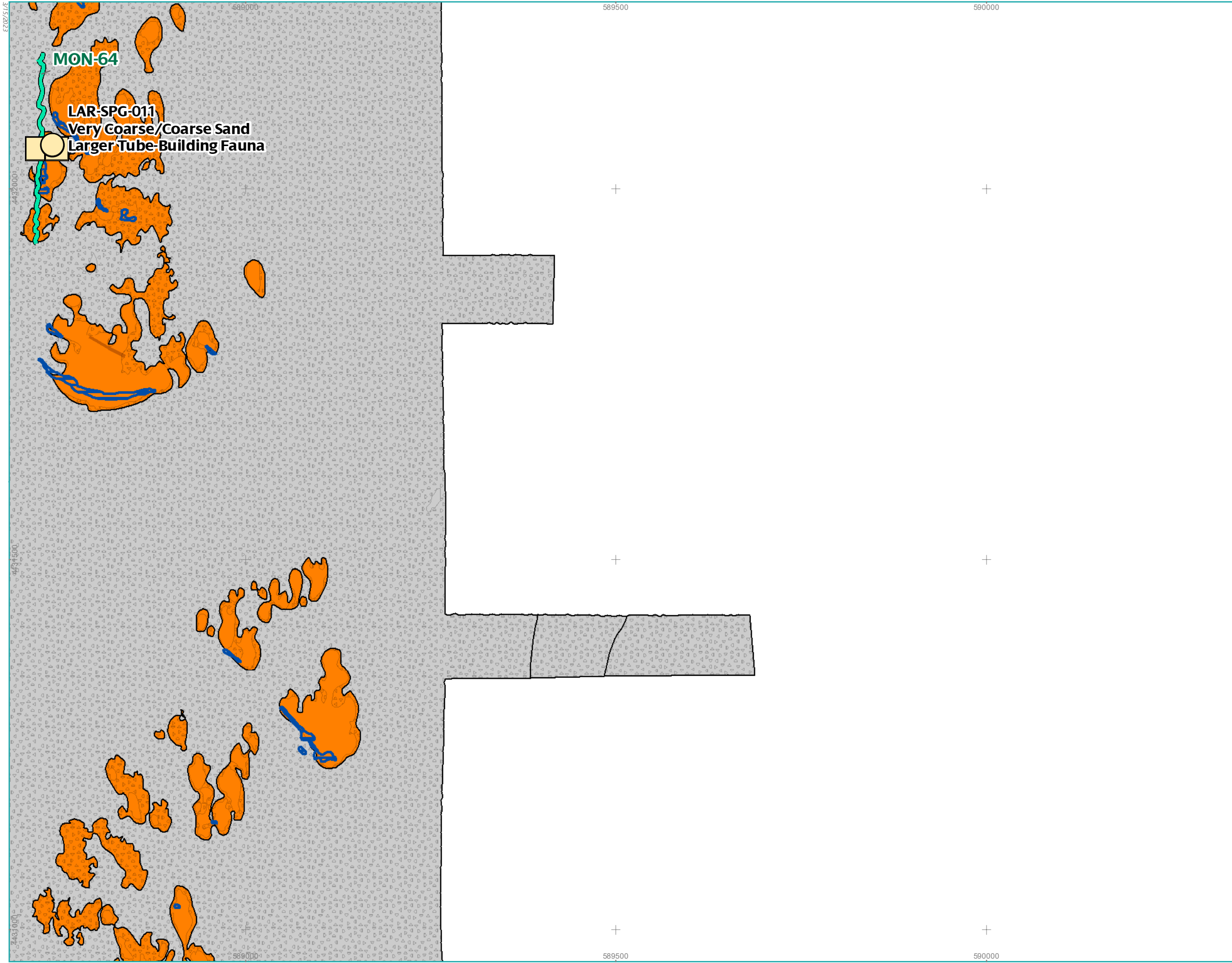
LEGEND

- Soft Bottom Station - Grab Sample
- Localized Relief Features
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

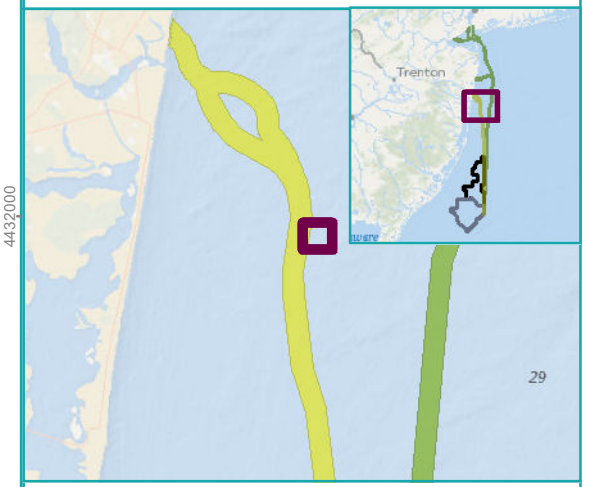


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

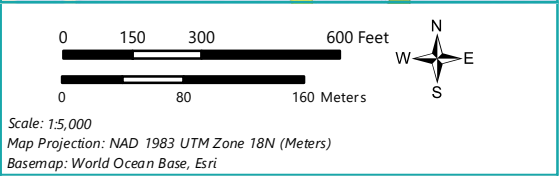
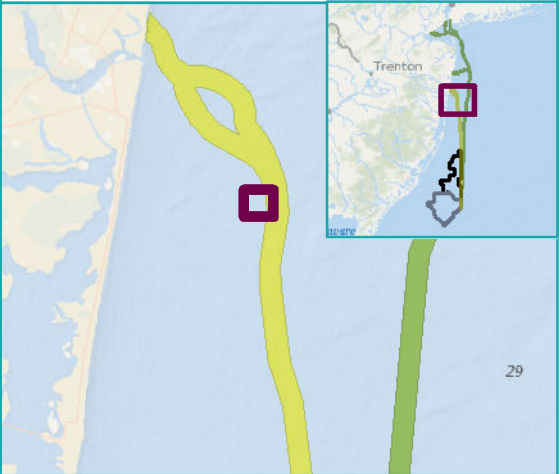


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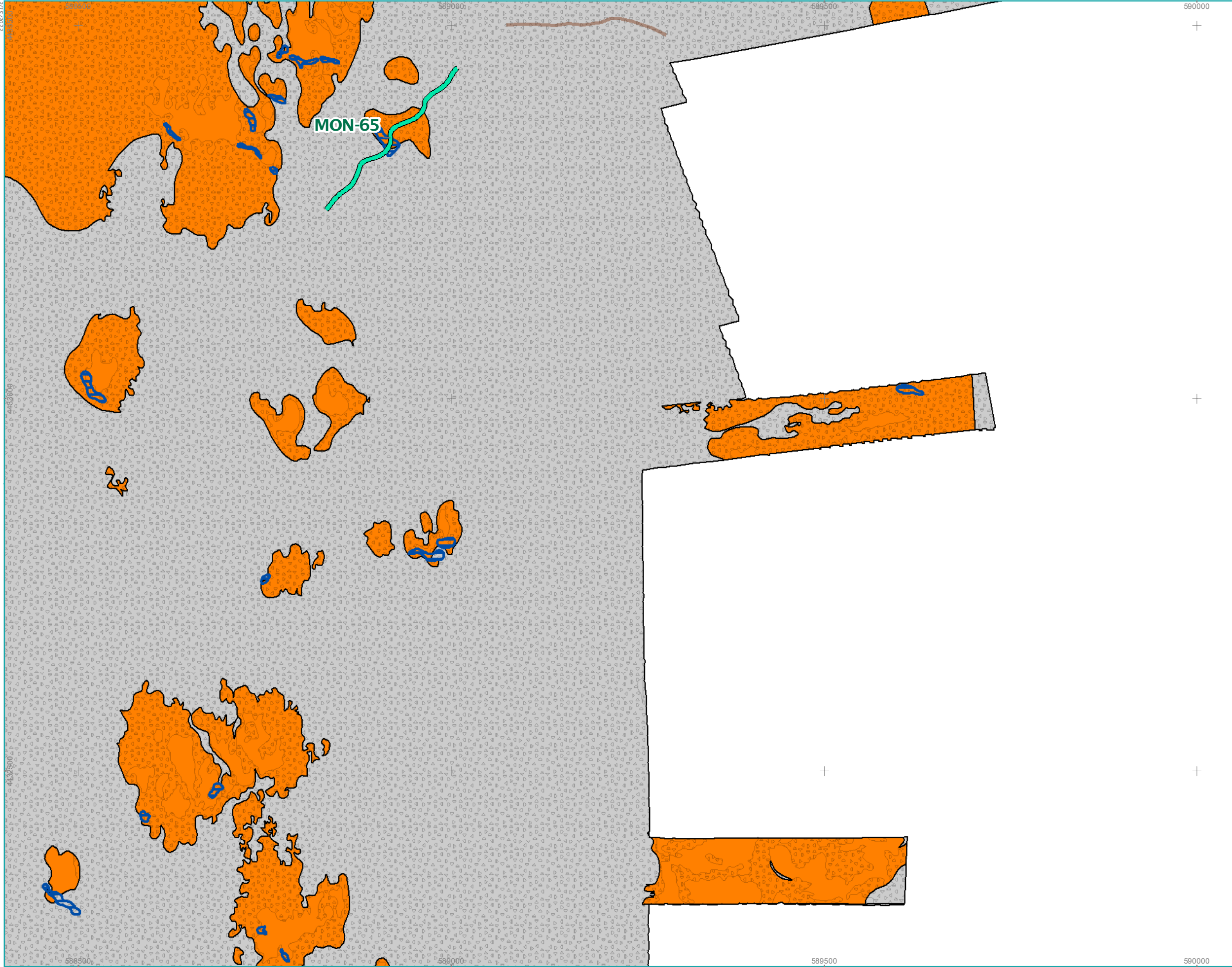


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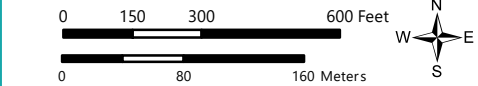
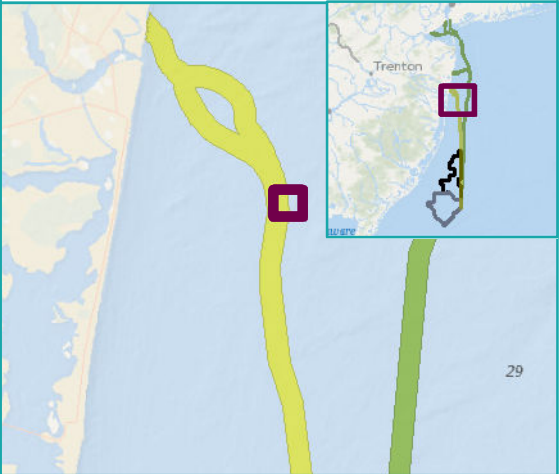
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Soft Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



- LEGEND**
- Seabed Scar
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

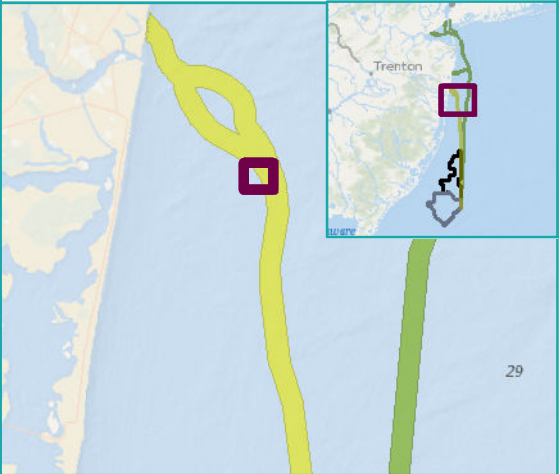
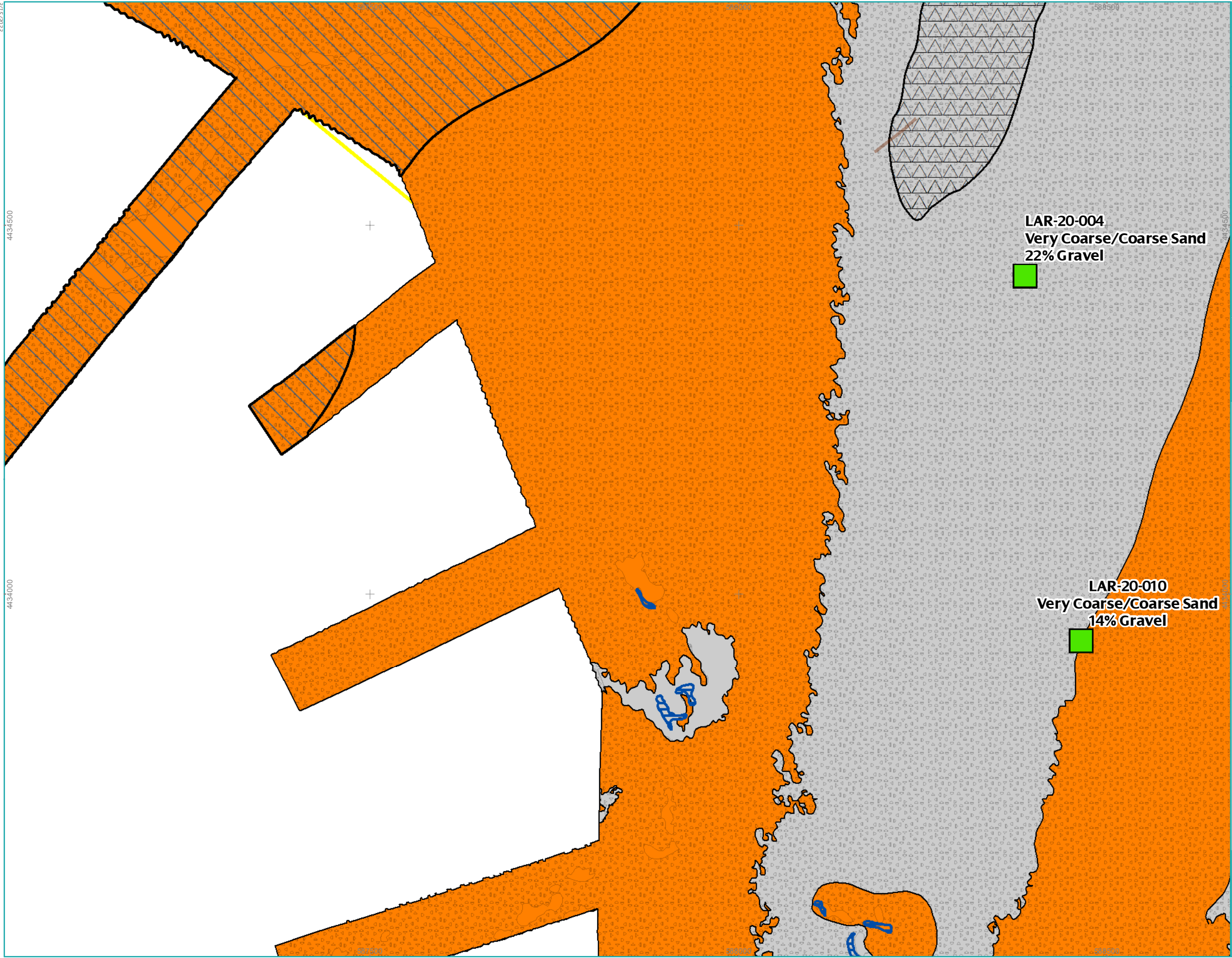


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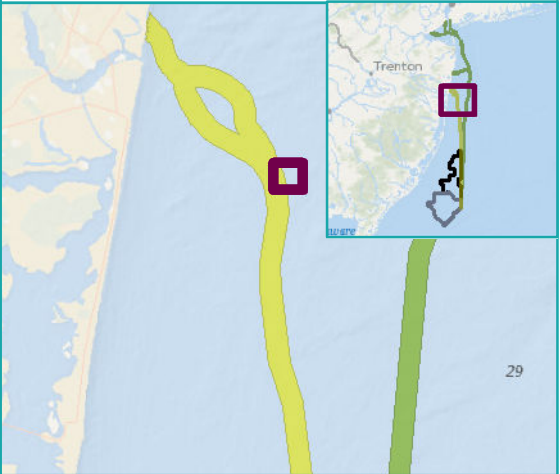
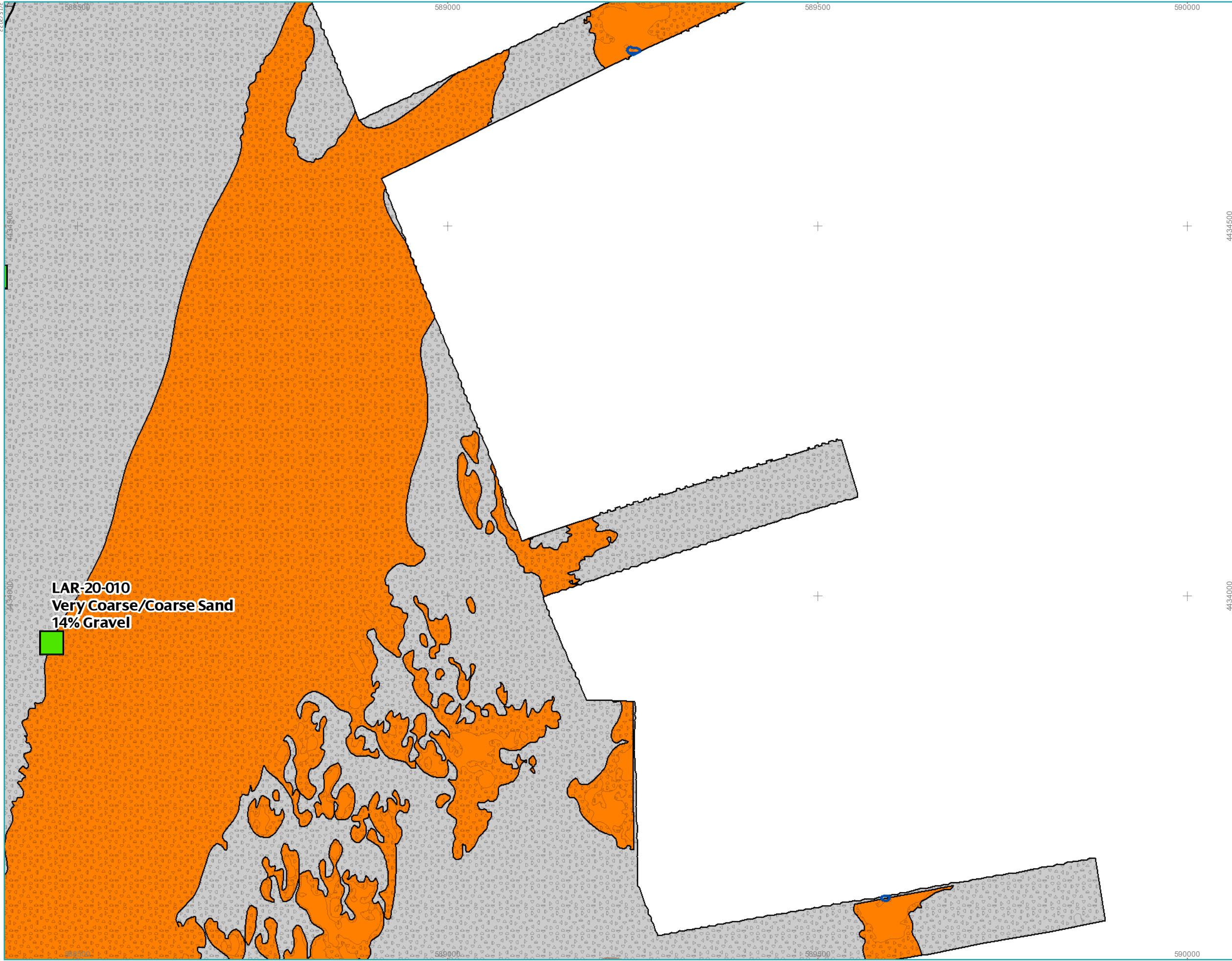
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Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
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 - Ripple
 - Sand Wave
 - Mega Ripple
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 - Soft Bottom Habitat
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Seabed Scar
- Localized Relief Features
- Ripple
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



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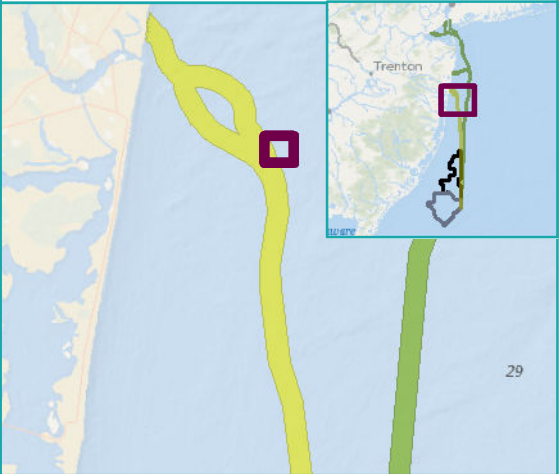
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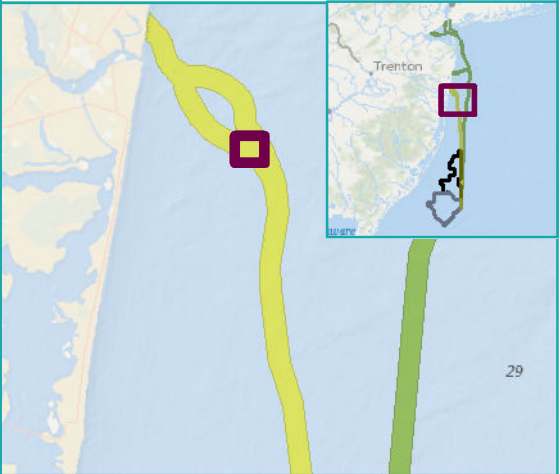
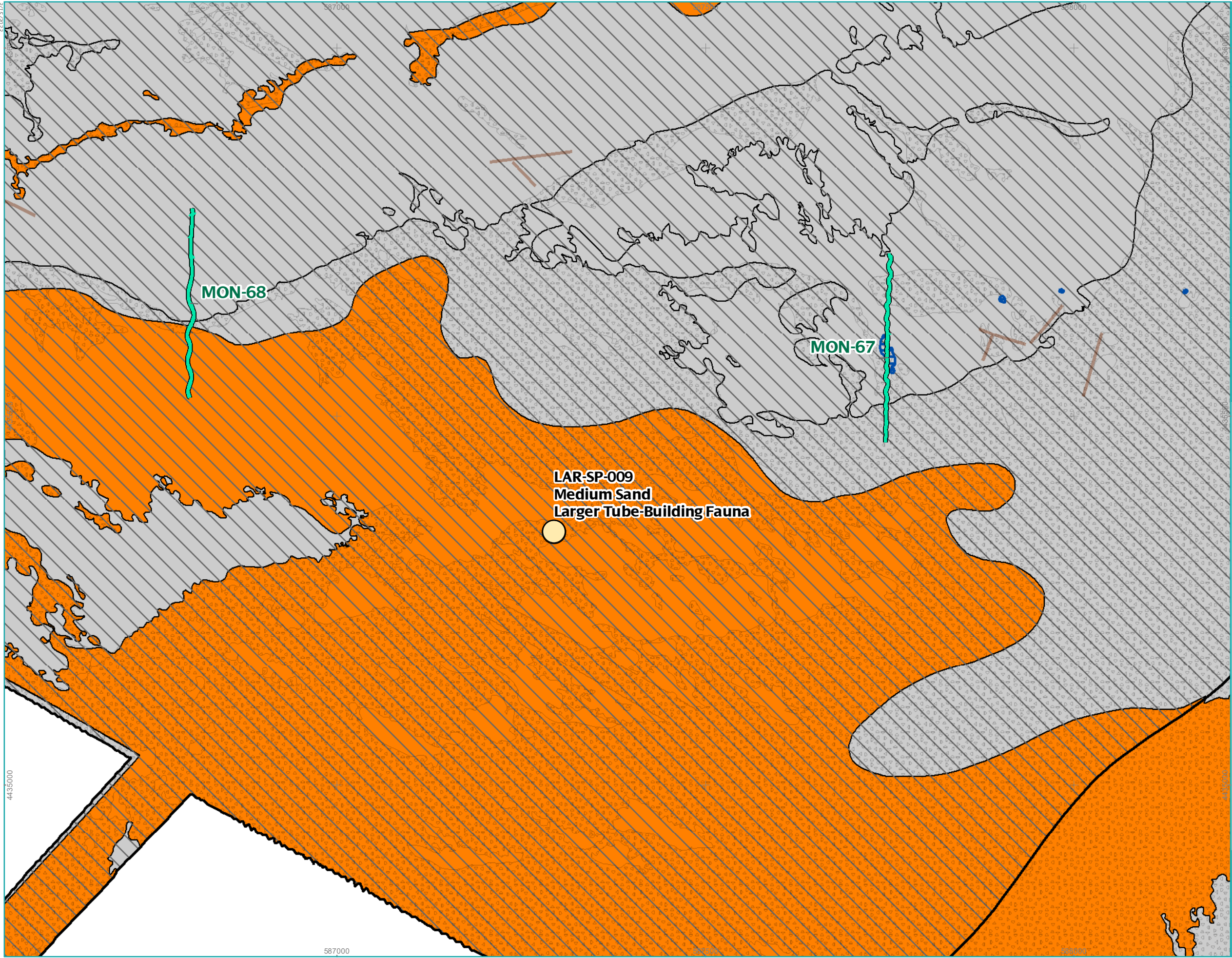
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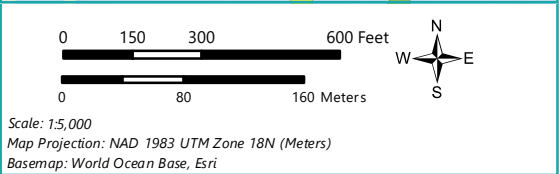
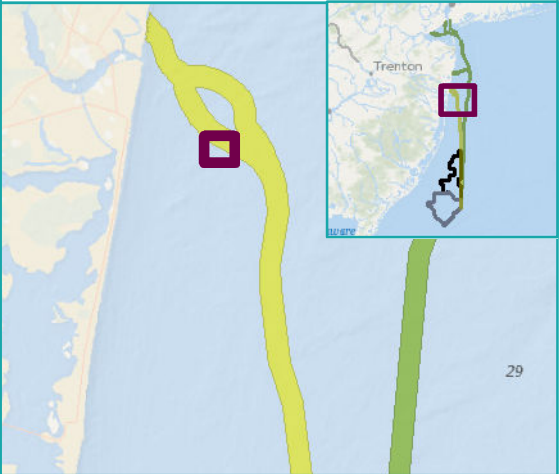
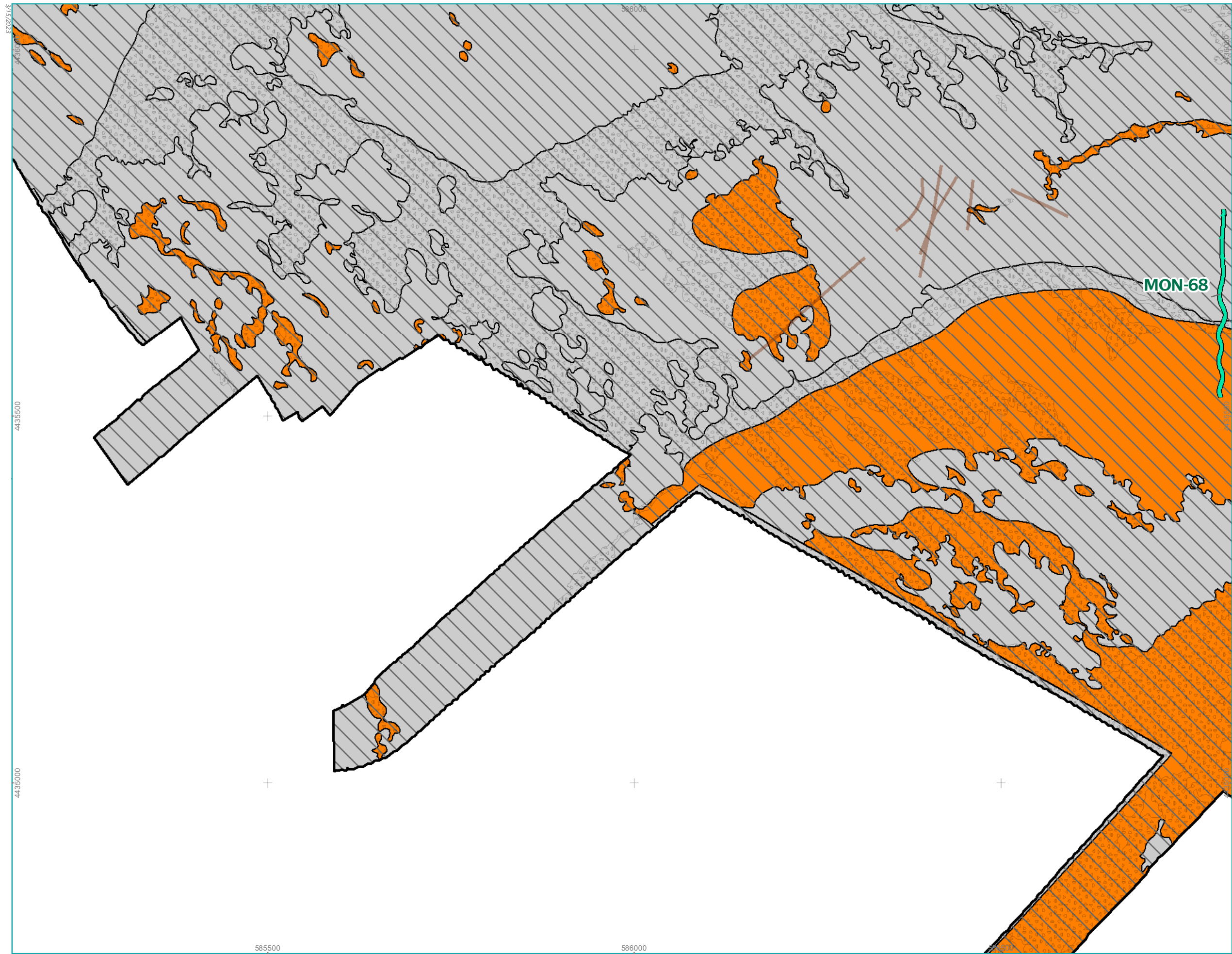
LEGEND

- Seabed Scar
- Localized Relief Features
- Ripple
- Sand Wave
- Mega Ripple
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

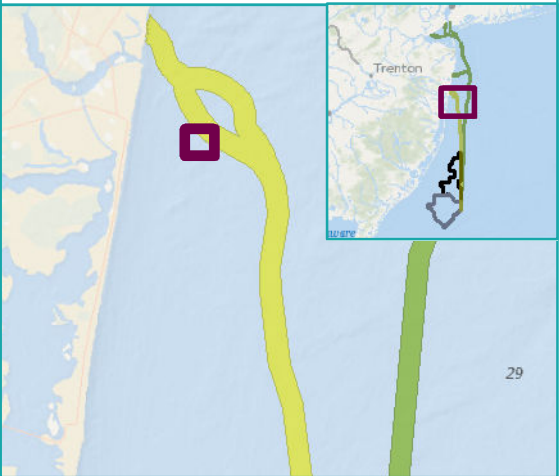
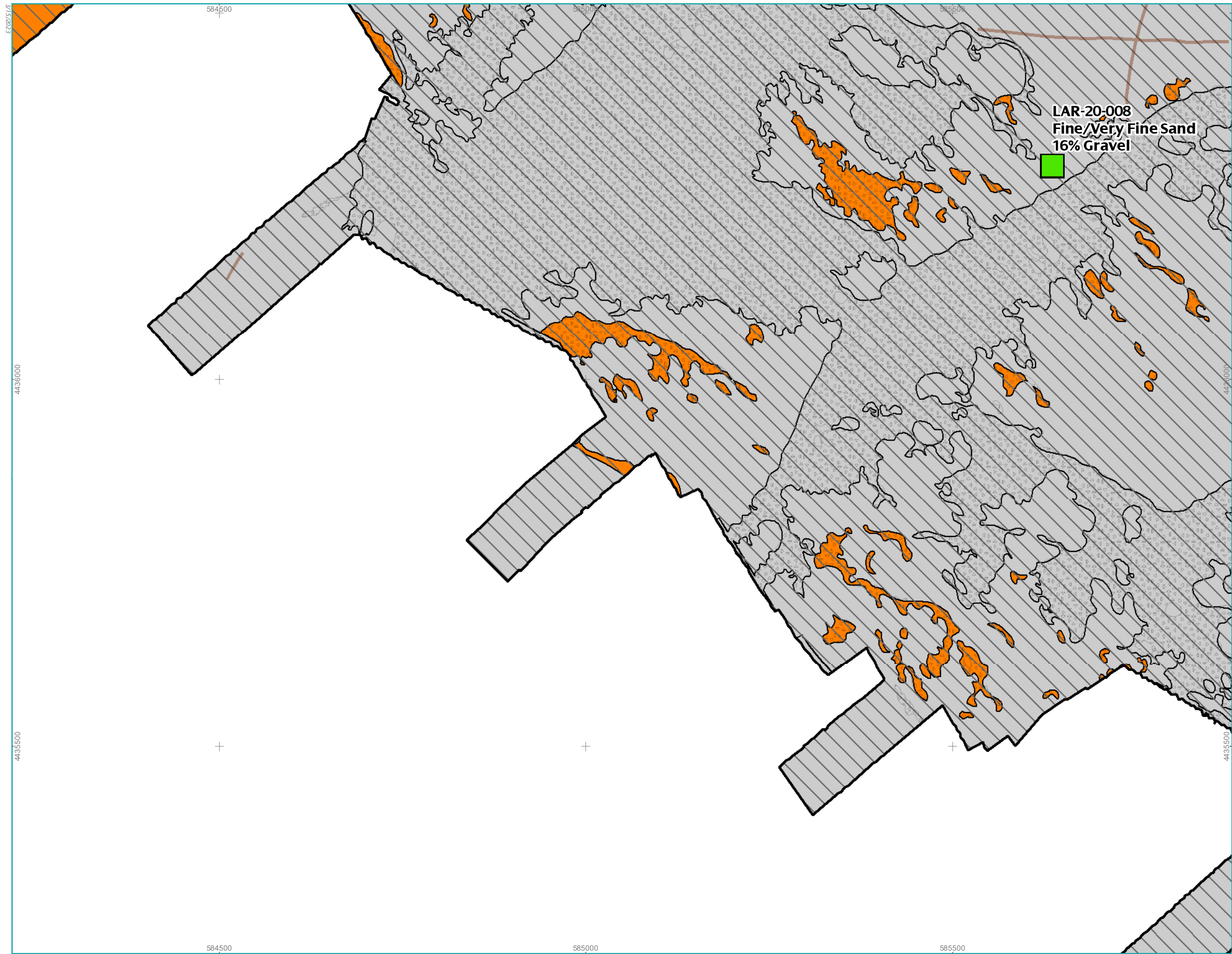


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Localized Relief Features
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



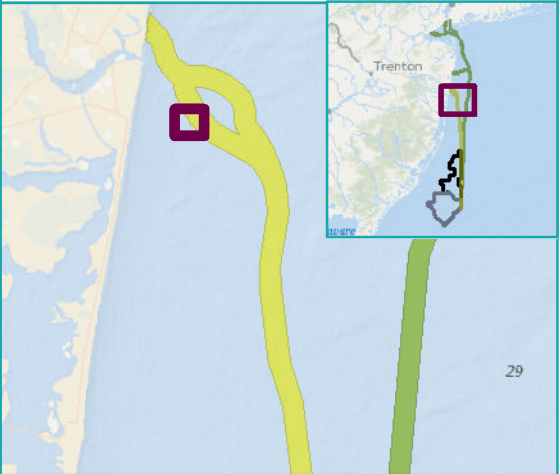
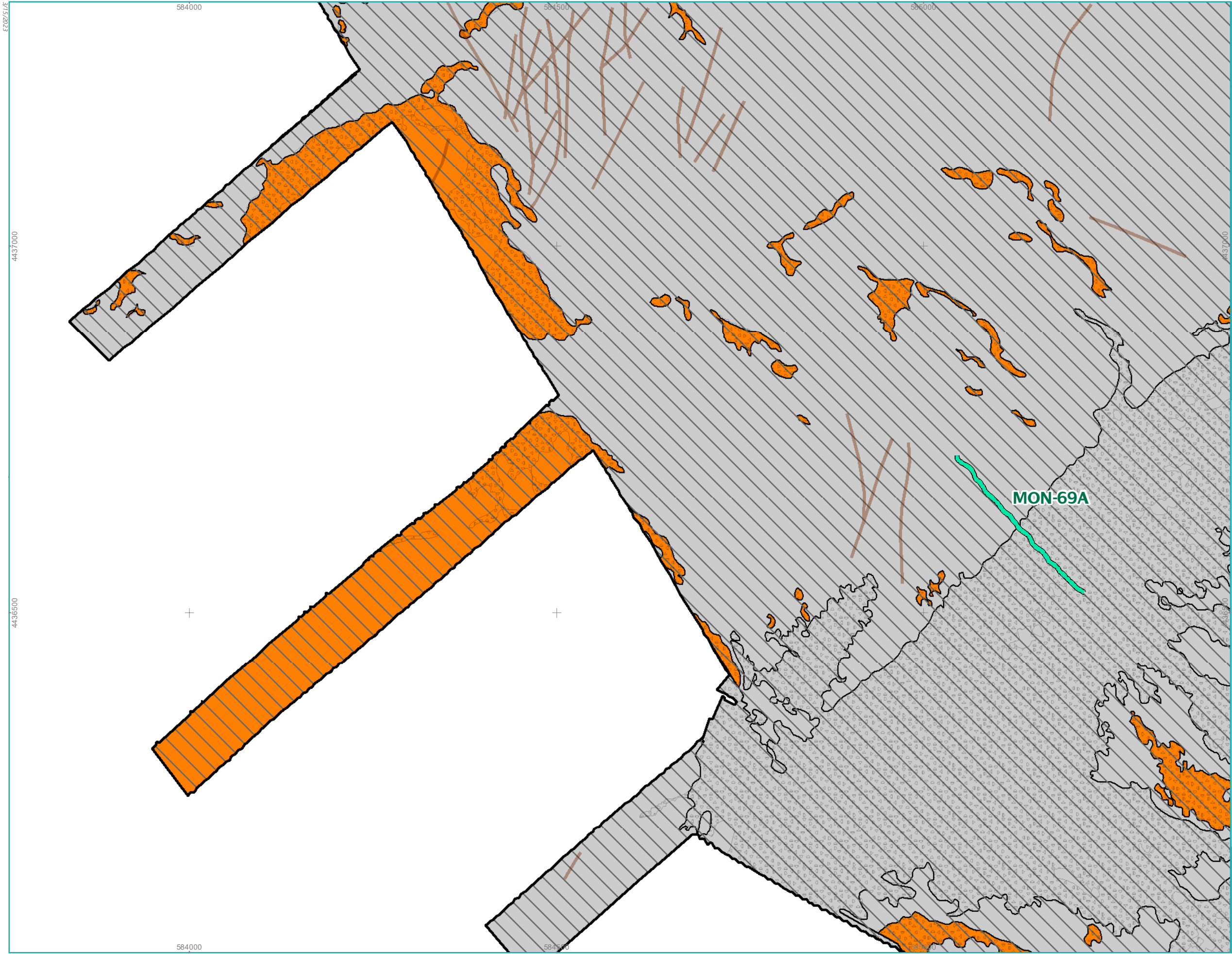
- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

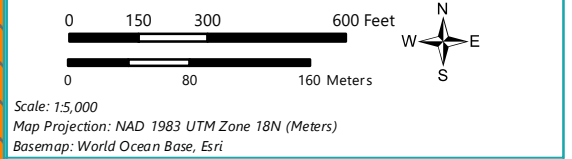
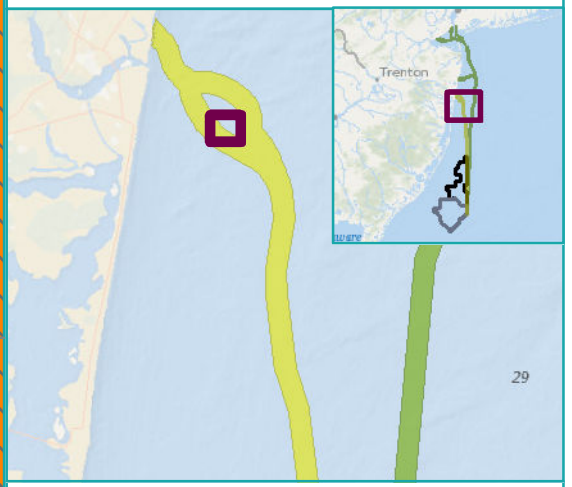
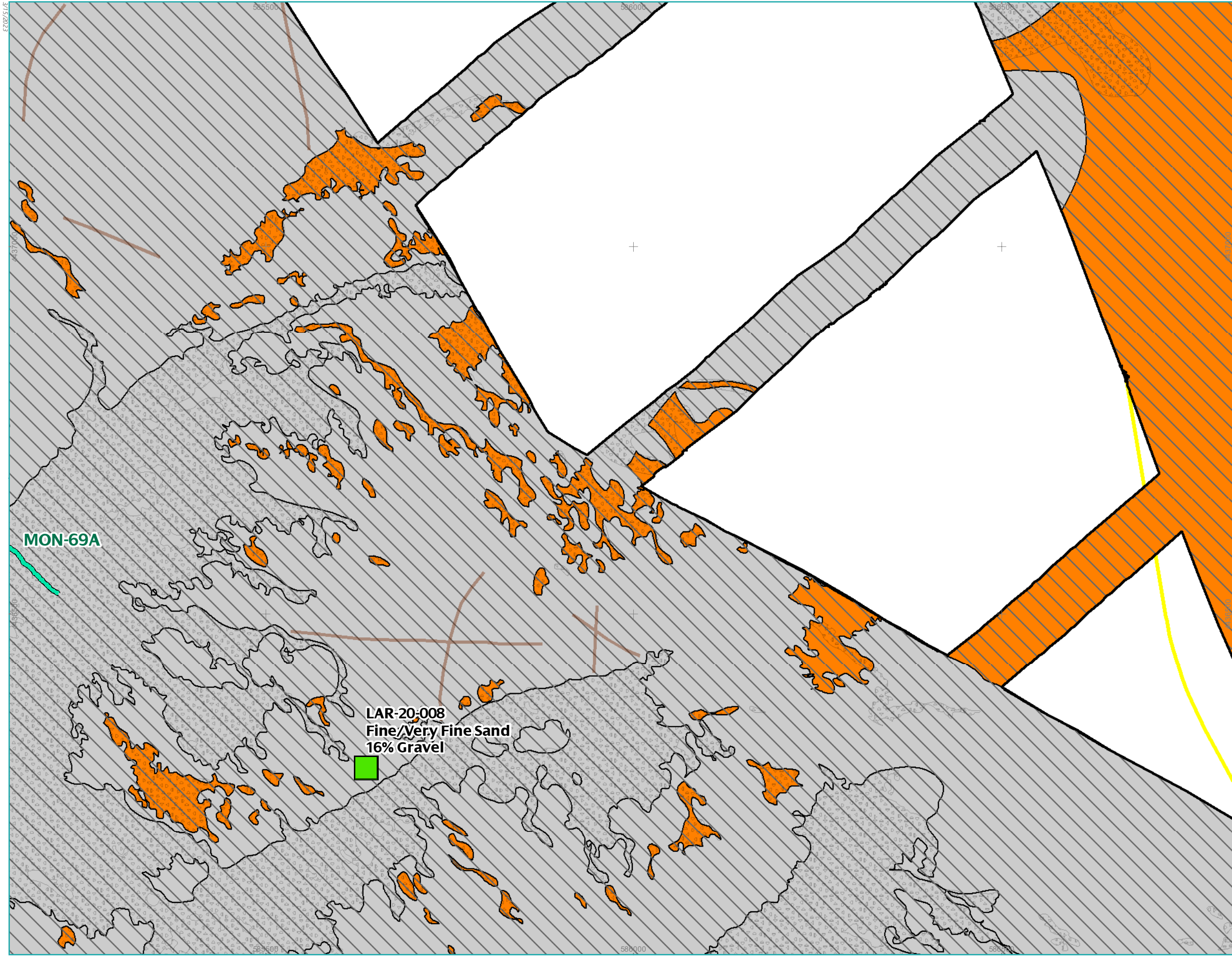
- Complex Bottom Station - Grab Sample
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



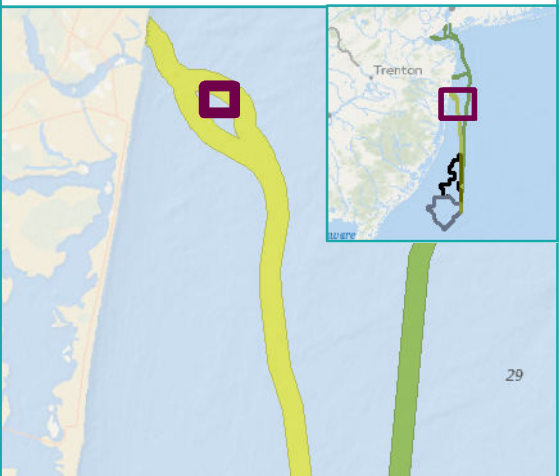
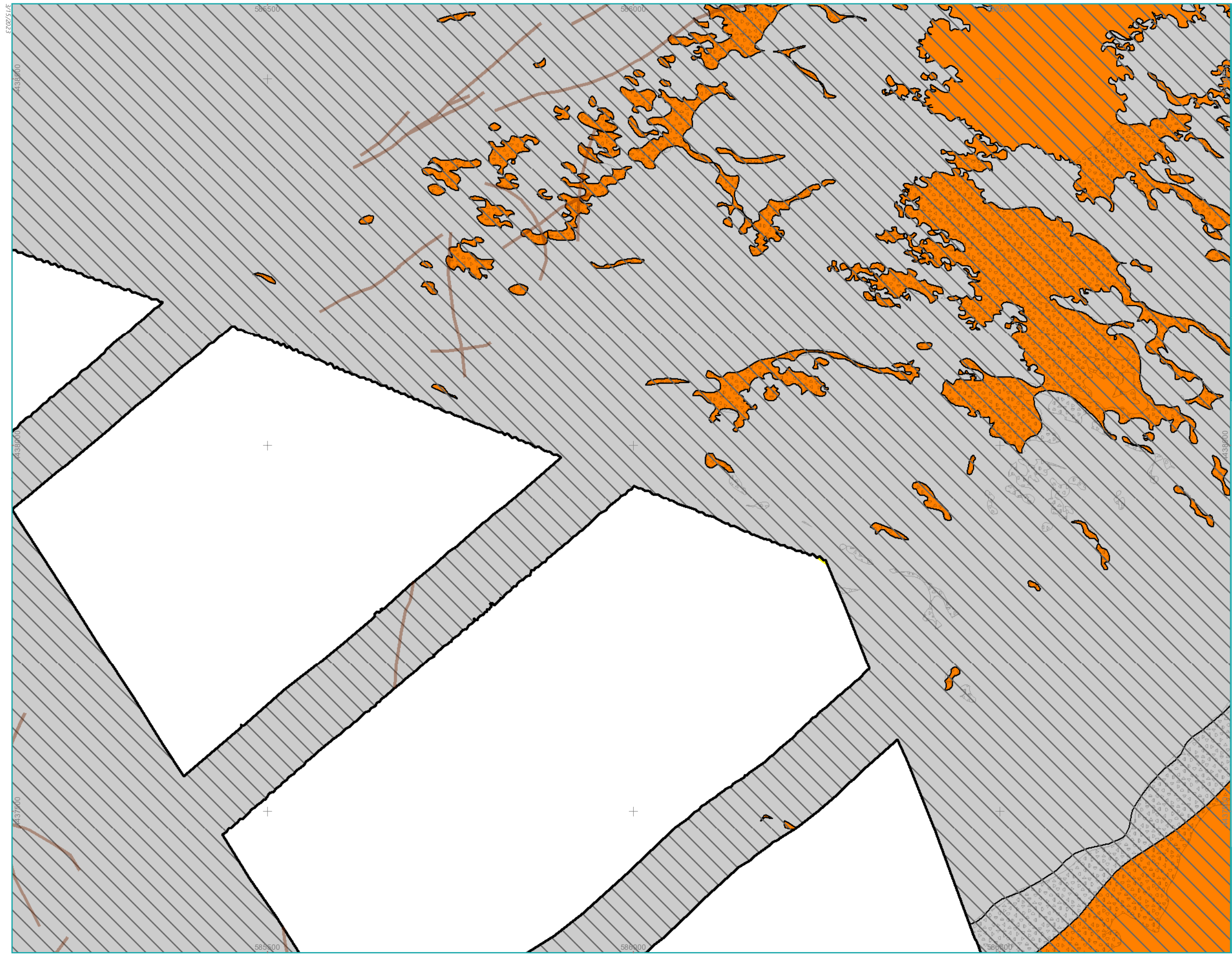
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Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

3/15/2023

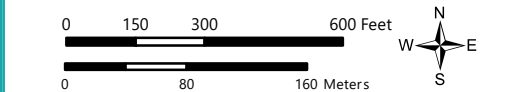
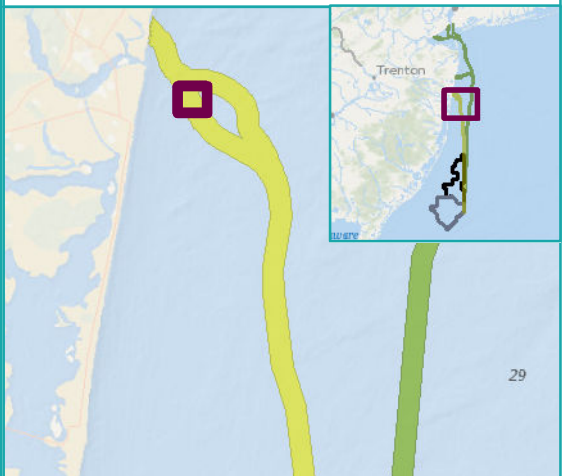


- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



LEGEND

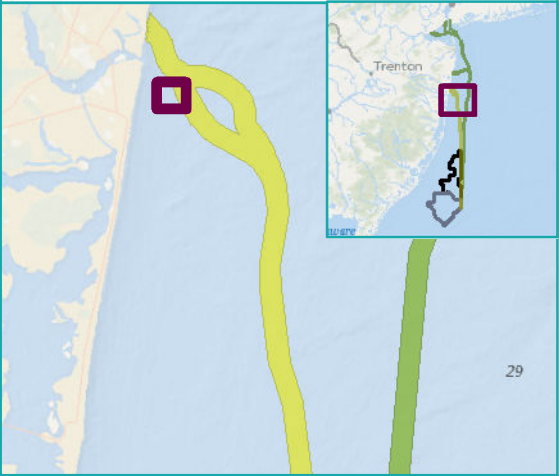
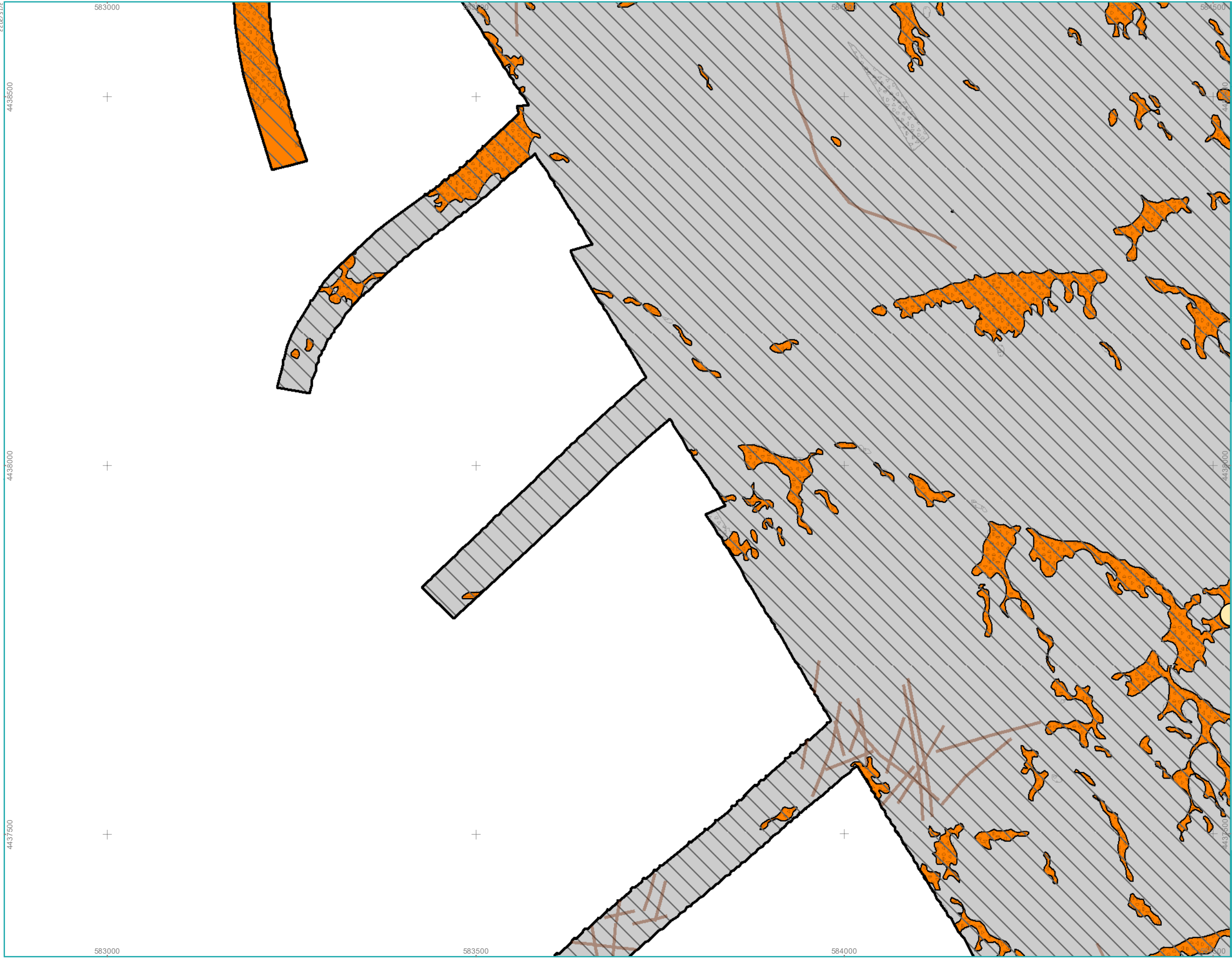
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

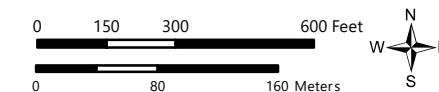
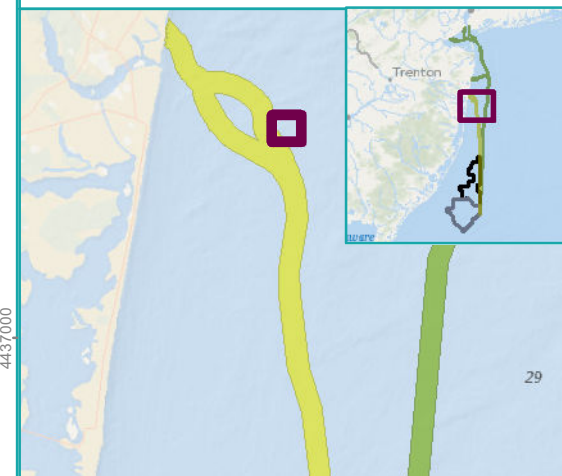
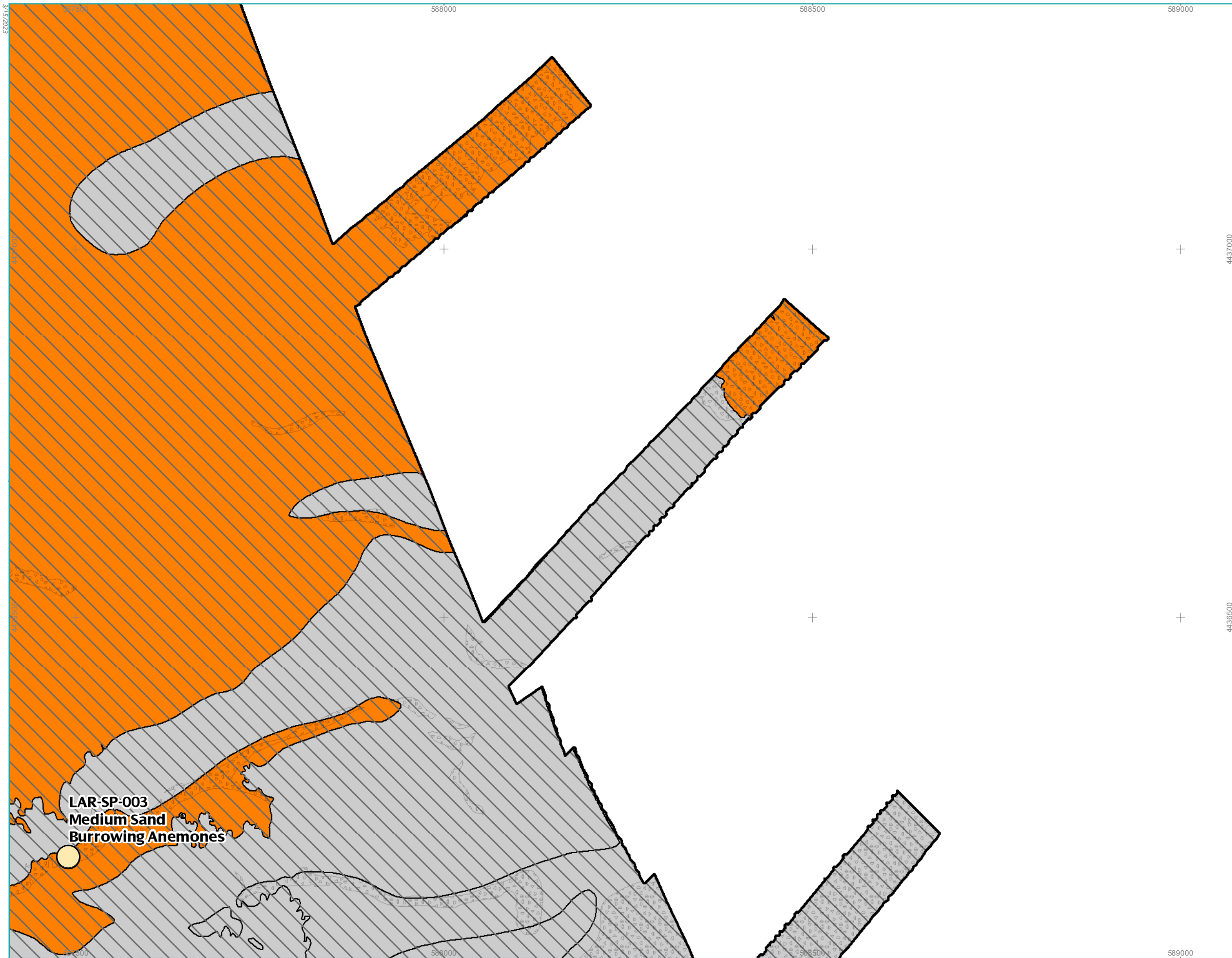
- Soft Bottom Station - SPI/PV
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

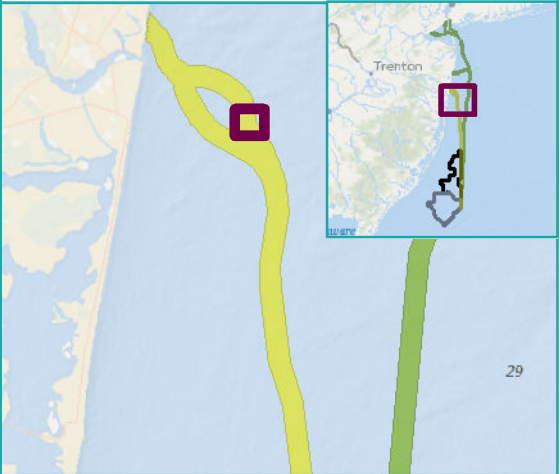
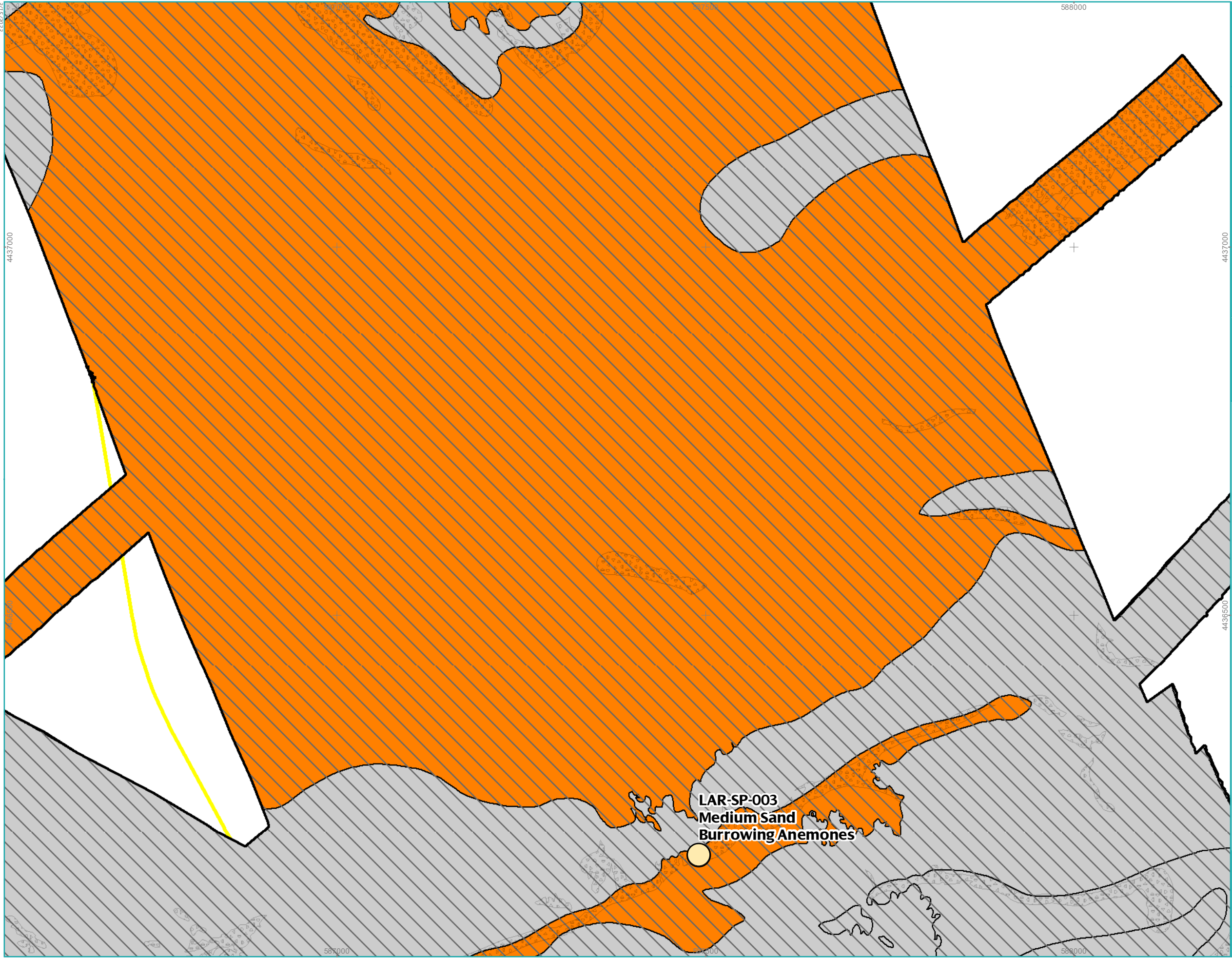
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Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

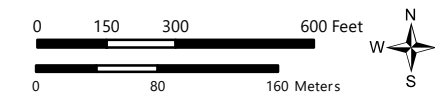
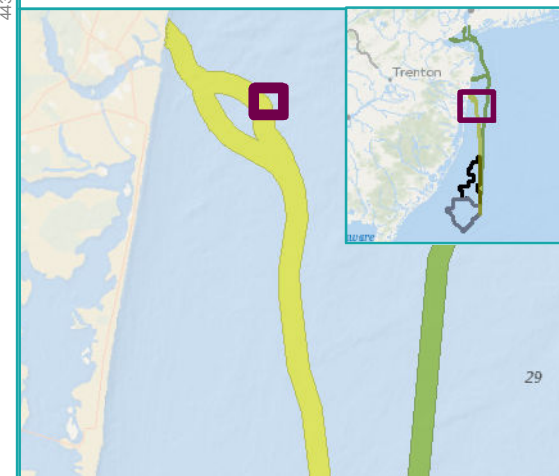
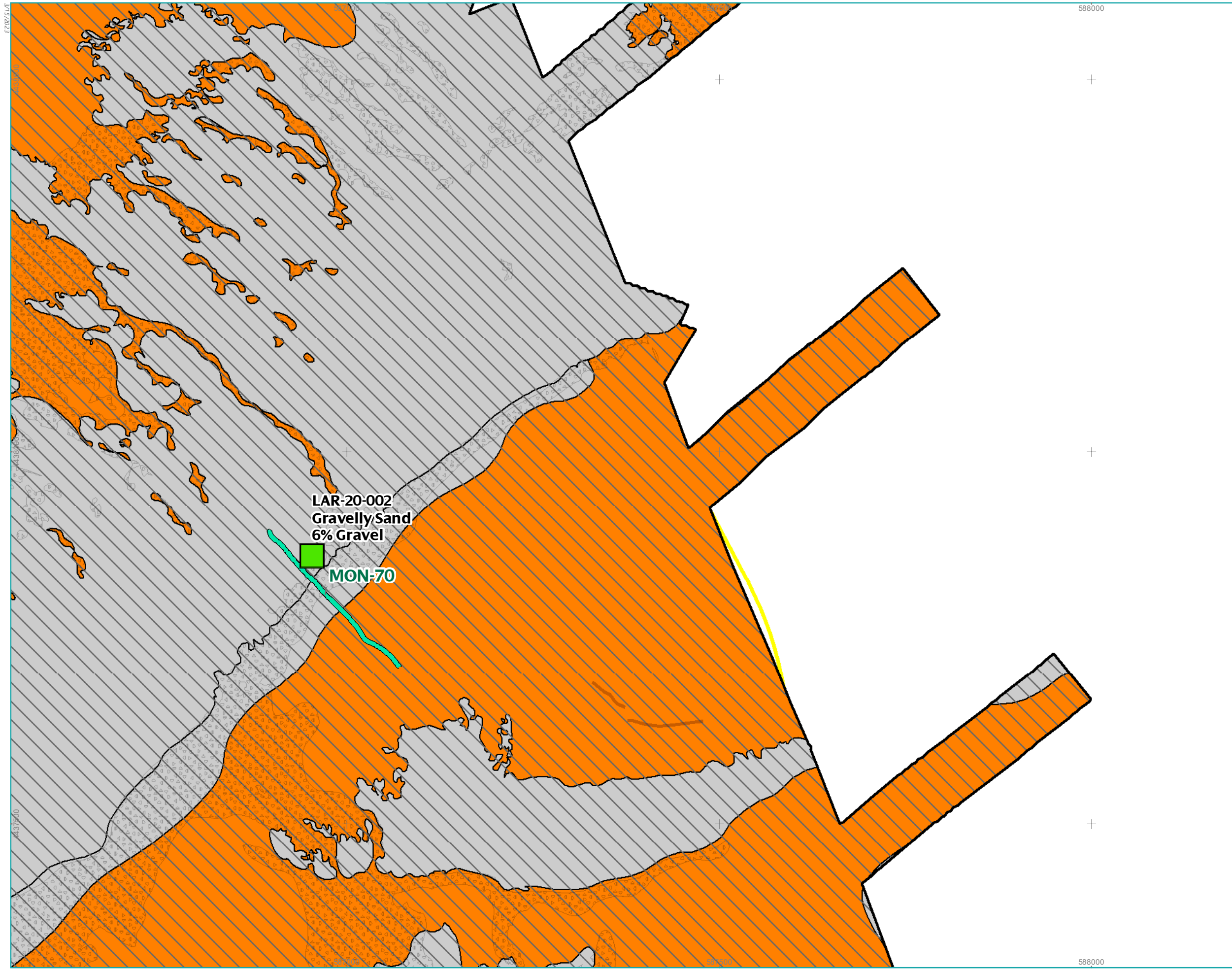


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - SPI/PV
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

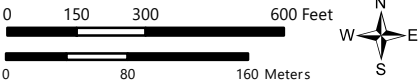
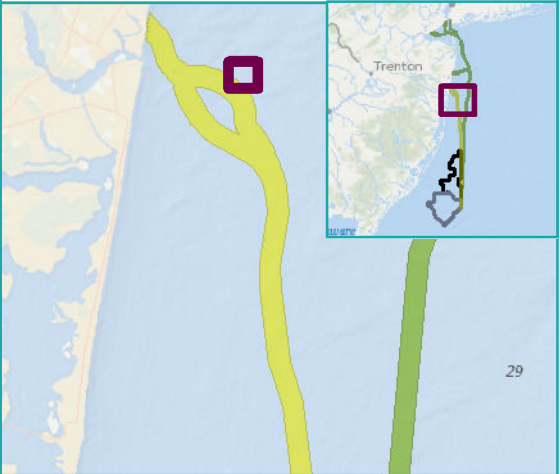
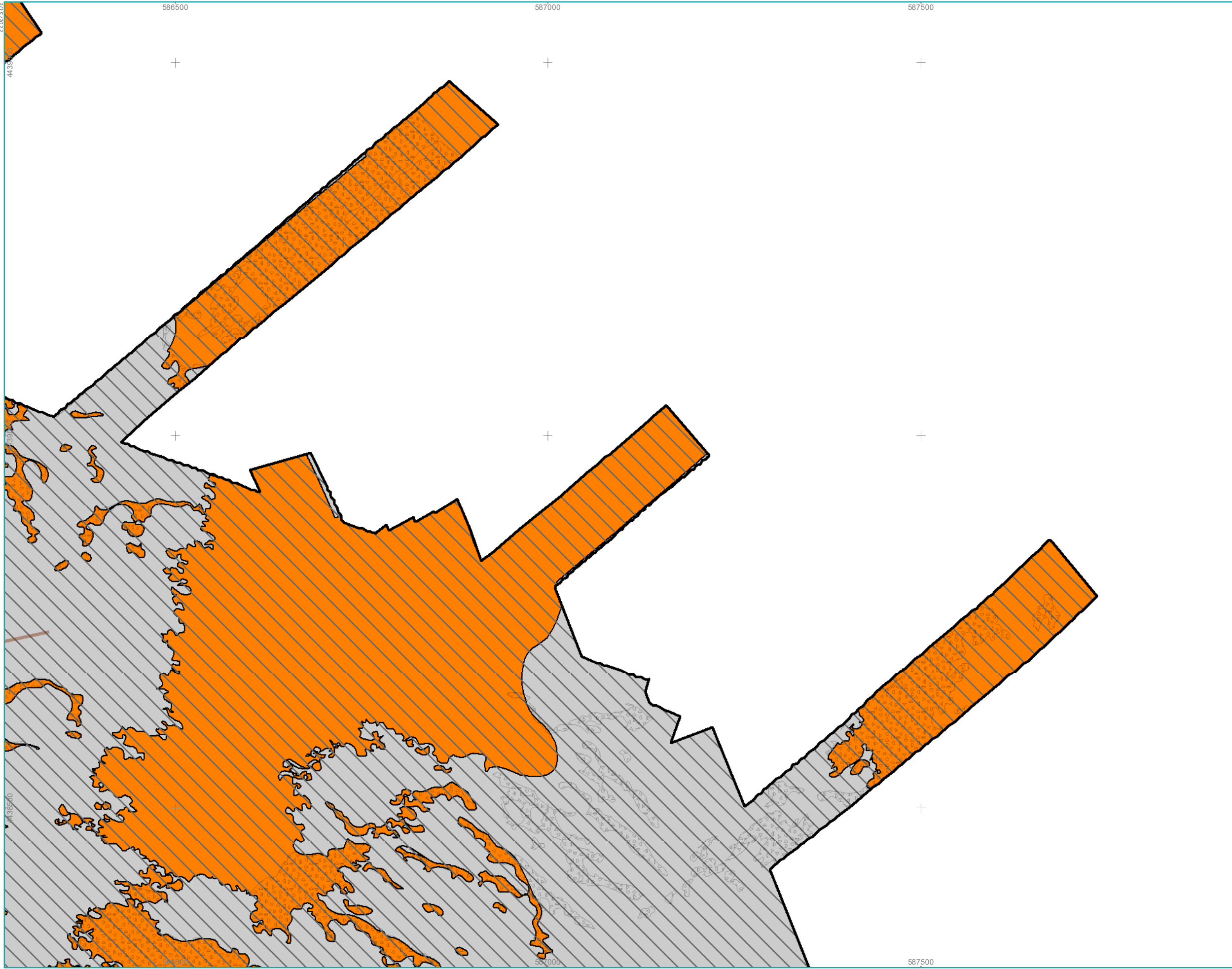
3/15/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Video Transect
- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

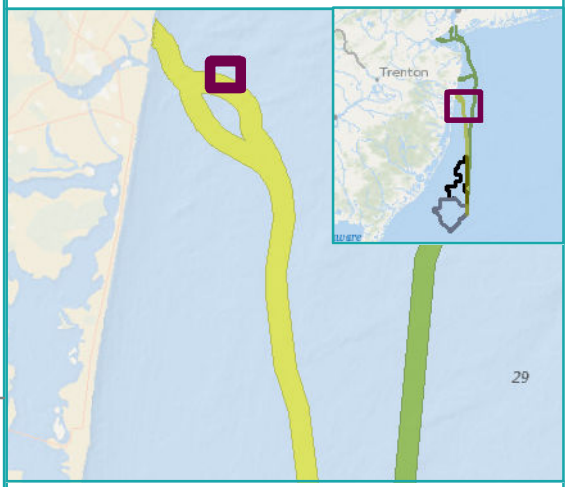


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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Seabed Scar
- Ripple
- Sand Wave
- Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

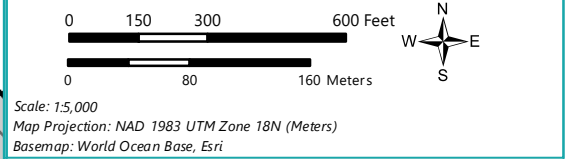
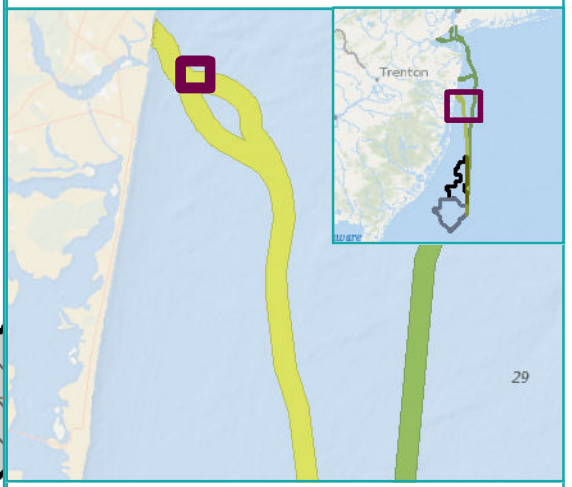
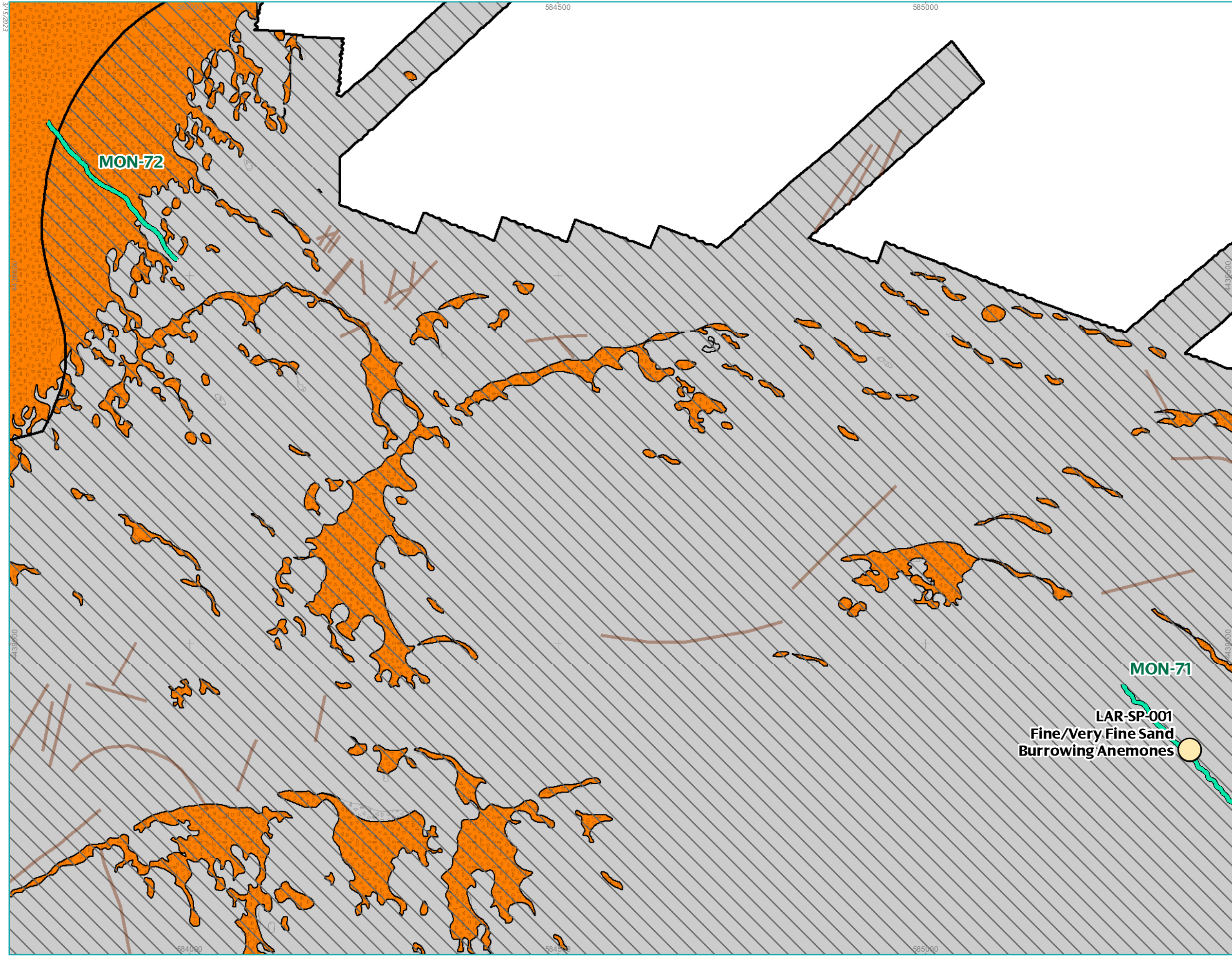
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Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

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- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Soft Bottom Station - SPI/PV
 - Video Transect
 - Seabed Scar
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)

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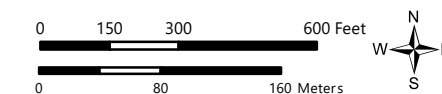
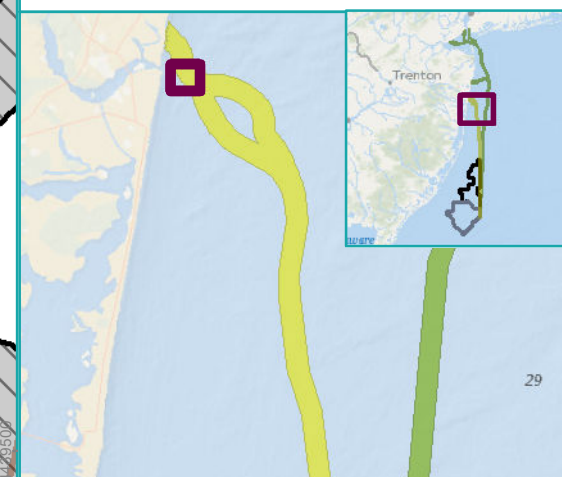
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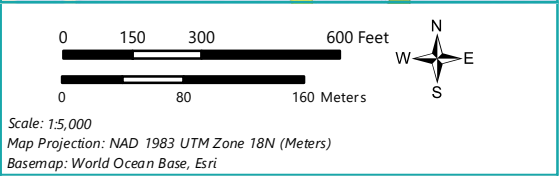
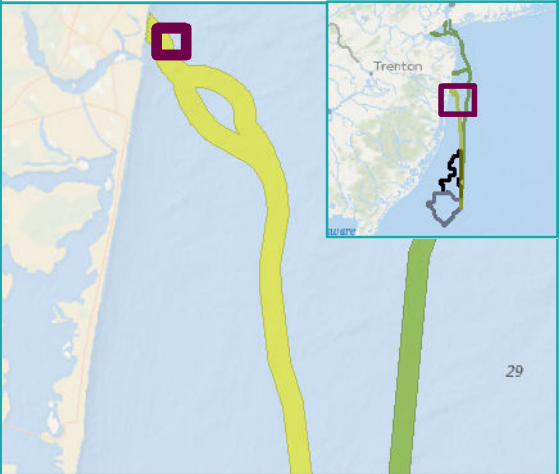
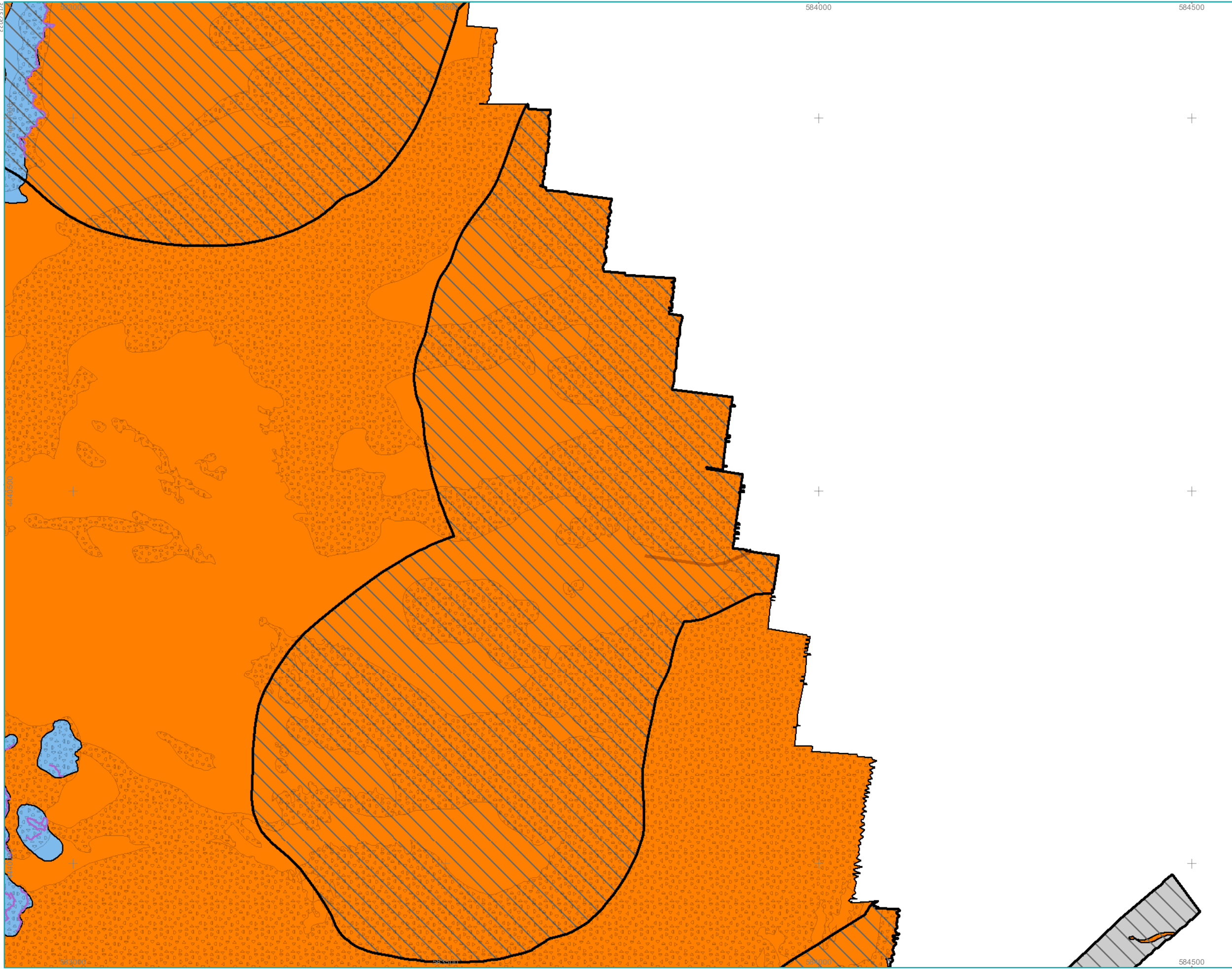
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Basemap: World Ocean Base, Esri

LEGEND

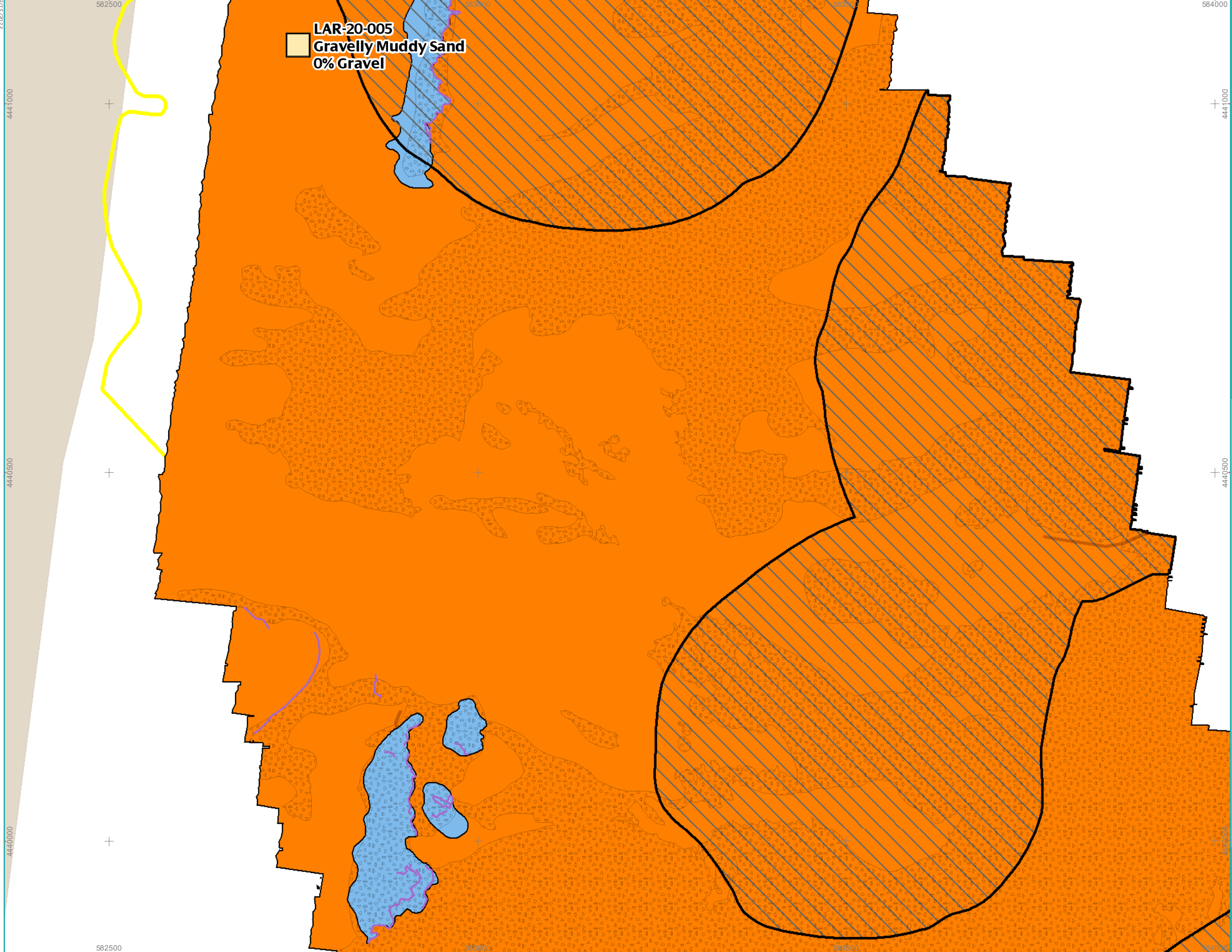
- Soft Bottom Station - Grab Sample
- Video Transect
- Seabed Scar
- Scarp
- Ripple
- Sand Wave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps
1:5000 Scale

Monmouth Export Cable Corridor (ECC)
Slide 106 of 109



- LEGEND**
- Seabed Scar
 - Scarp
 - Ripple
 - Sand Wave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)



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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Soft Bottom Station - Grab Sample

Seabed Scar

Scarp

Ripple

Sand Wave

Heterogeneous Complex Habitat

Soft Bottom Habitat

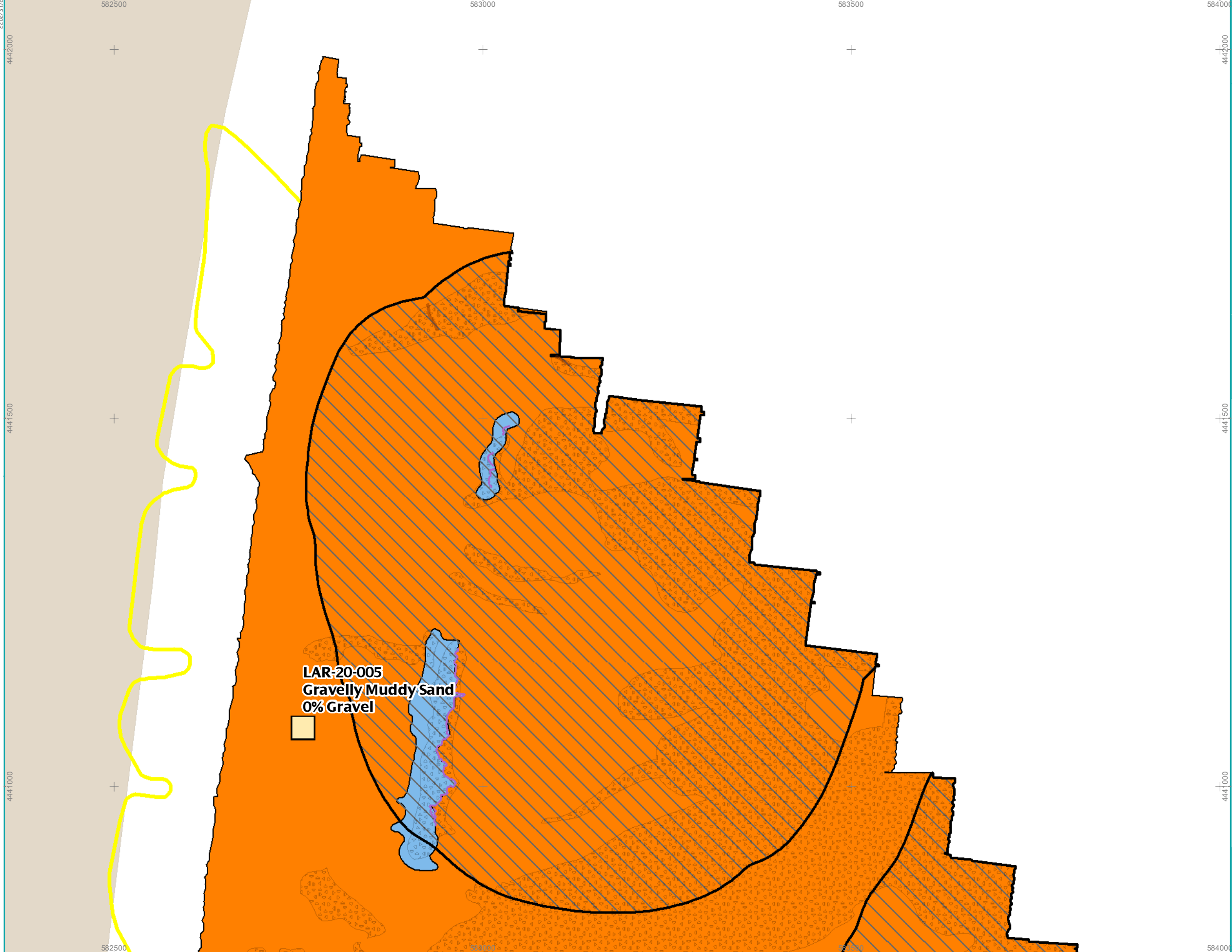
Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Monmouth Export Cable Corridor (ECC)

Slide 108 of 109



0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Seabed Scar
- Scarp
- Ripple
- Sand Wave
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)

Atlantic Shores North EFH Maps

1:5000 Scale

Monmouth Export Cable Corridor (ECC)

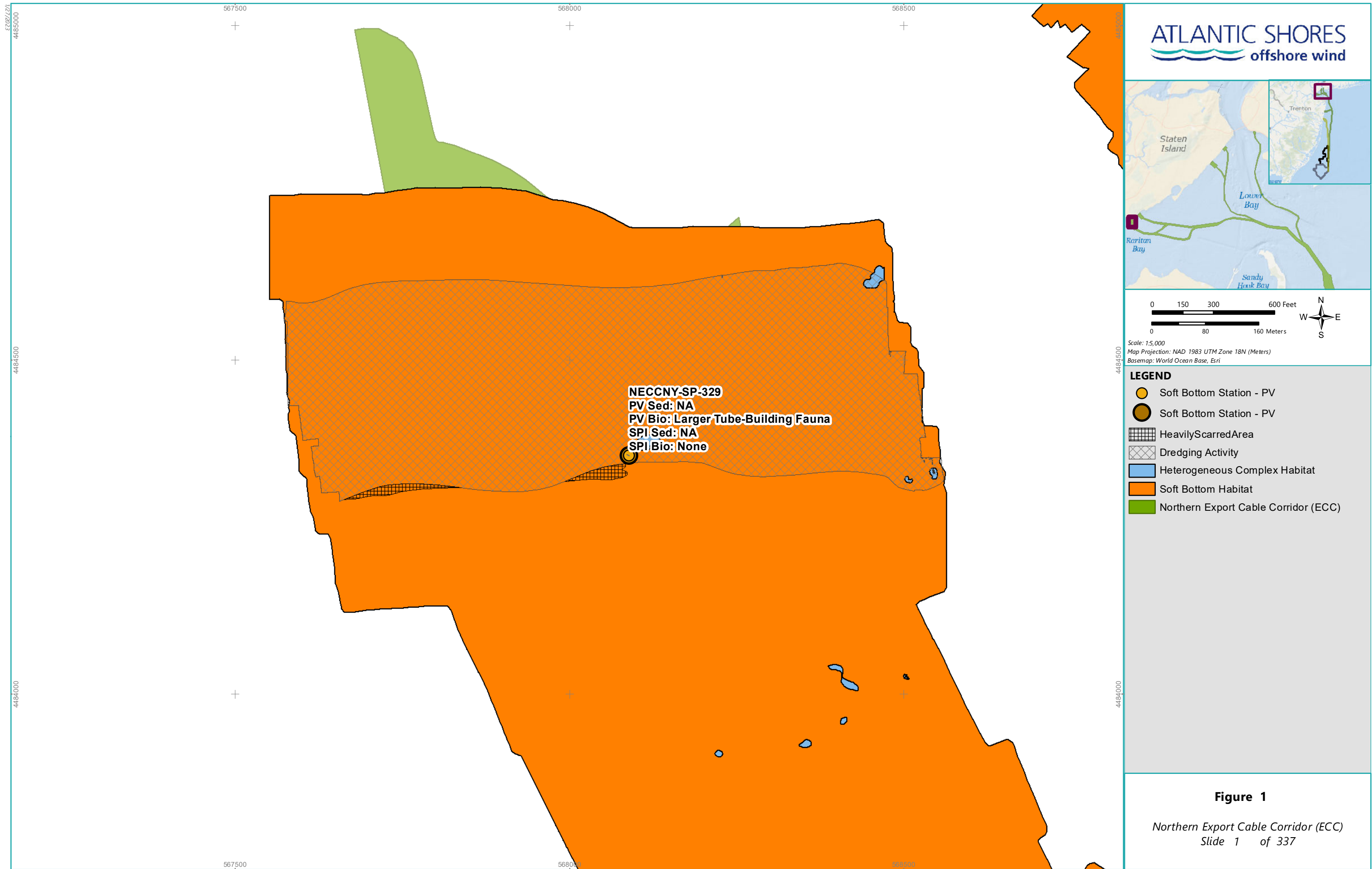
Slide 109 of 109

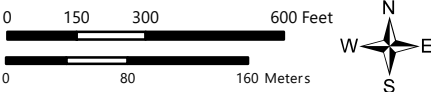
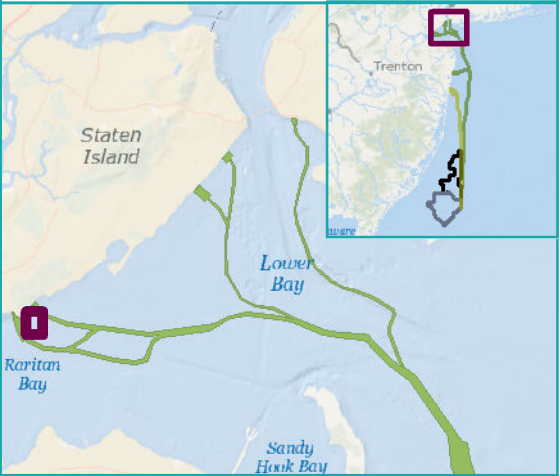
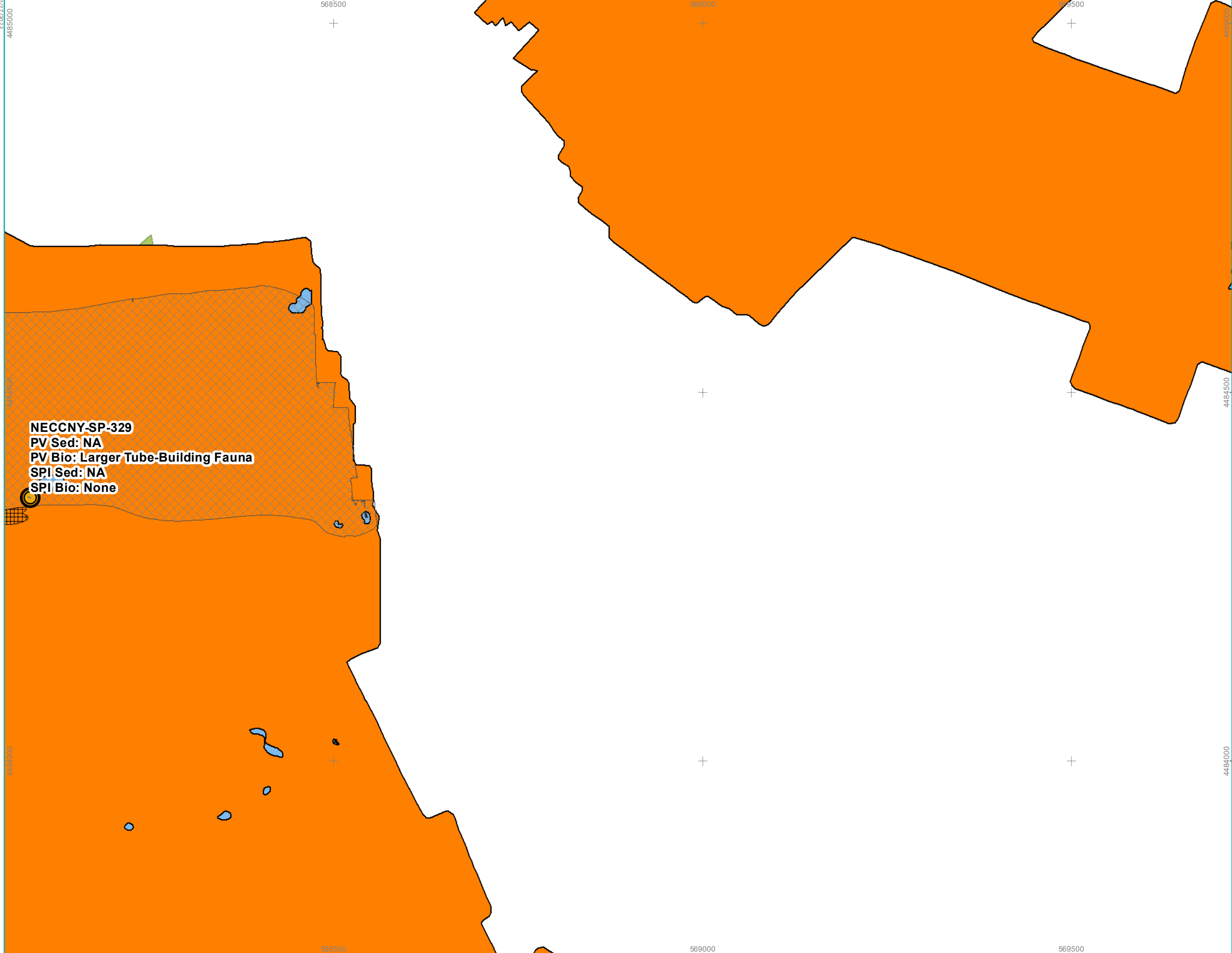
Attachment 4

EFH Maps – 1:5,000 Scale

Northern Export Cable Corridor

Note: Atlantic Shores has updated the Project Design Envelope to include the following landfall sites: Monmouth Landfall Site, Asbury Landfall Site, Kingsley Landfall Site, Lemon Creek Landfall Site, Wolfe's Pond Landfall Site, and Fort Hamilton Landfall Site. The information included in this report demonstrates the completeness of Atlantic Shores' multi-year development efforts and should be considered representative for the Project. For additional information regarding the layout of the Project, please refer to COP Volume I Project Information, Sections 1.0 Introduction and 4.7 Landfall Sites, as well as Figure 1.1-2 Project Overview.

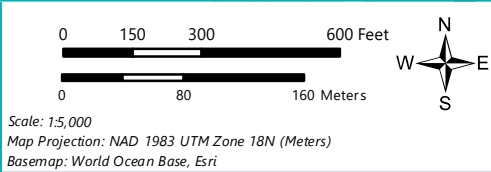
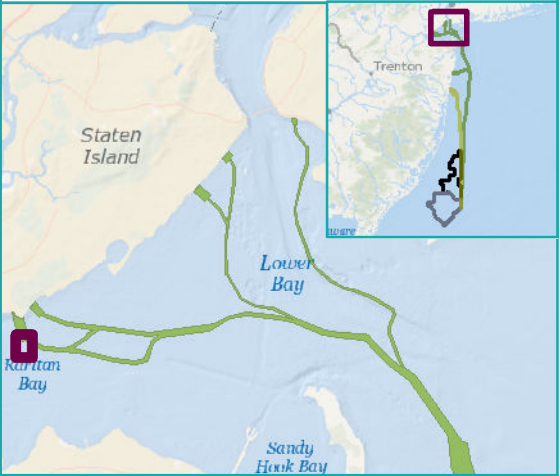




Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

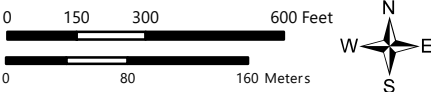
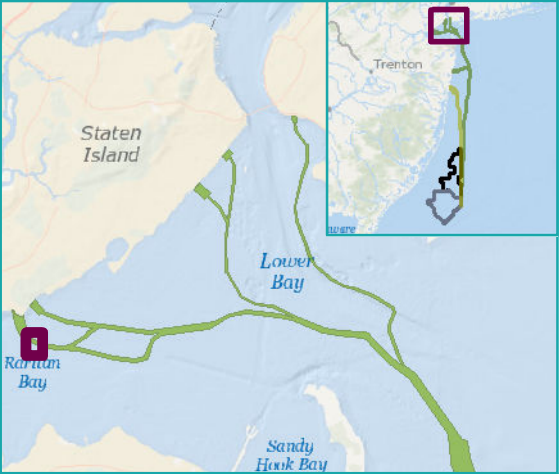
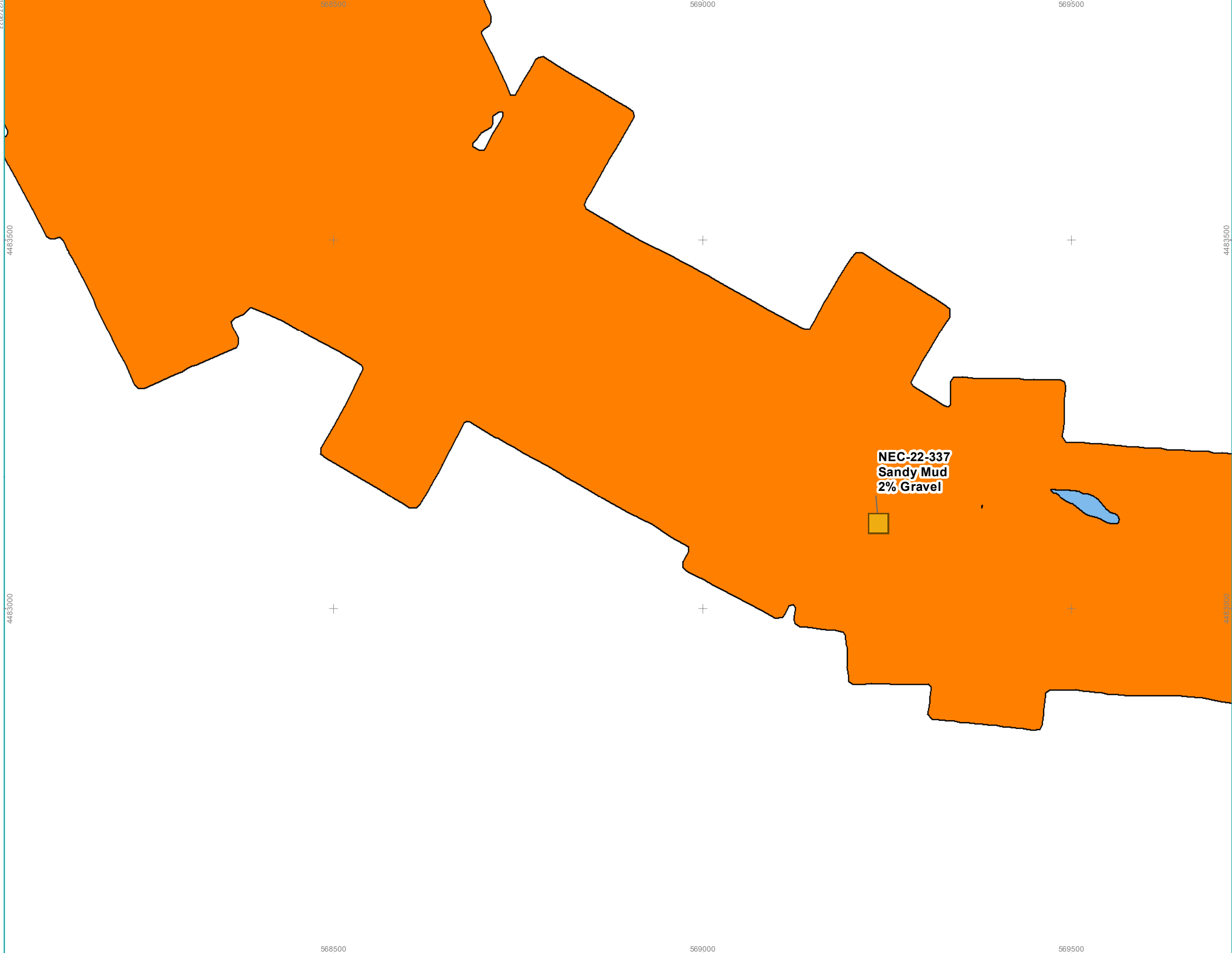
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - HeavilyScarredArea
 - Dredging Activity
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 2



- LEGEND**
- Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

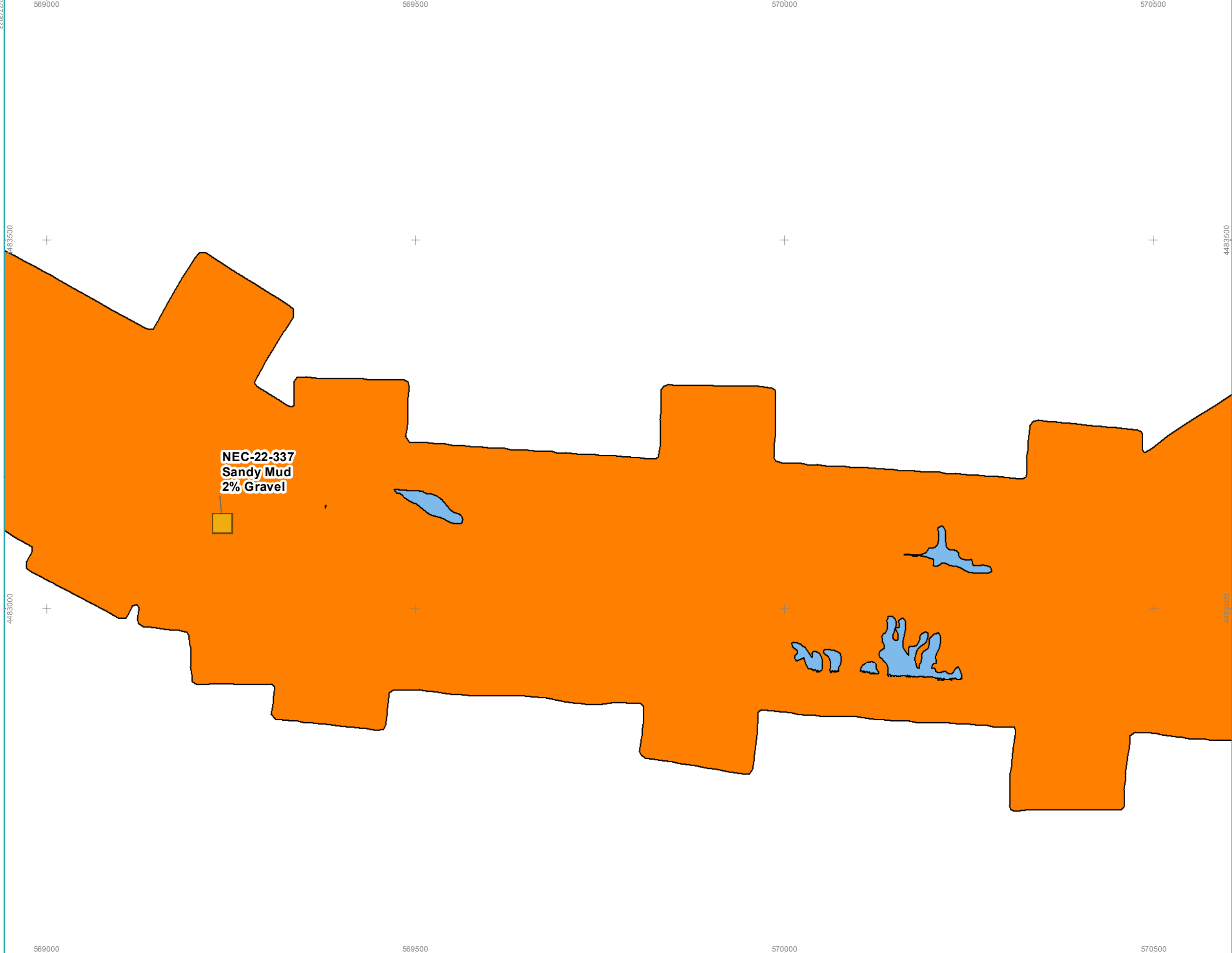
Figure 3



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 4

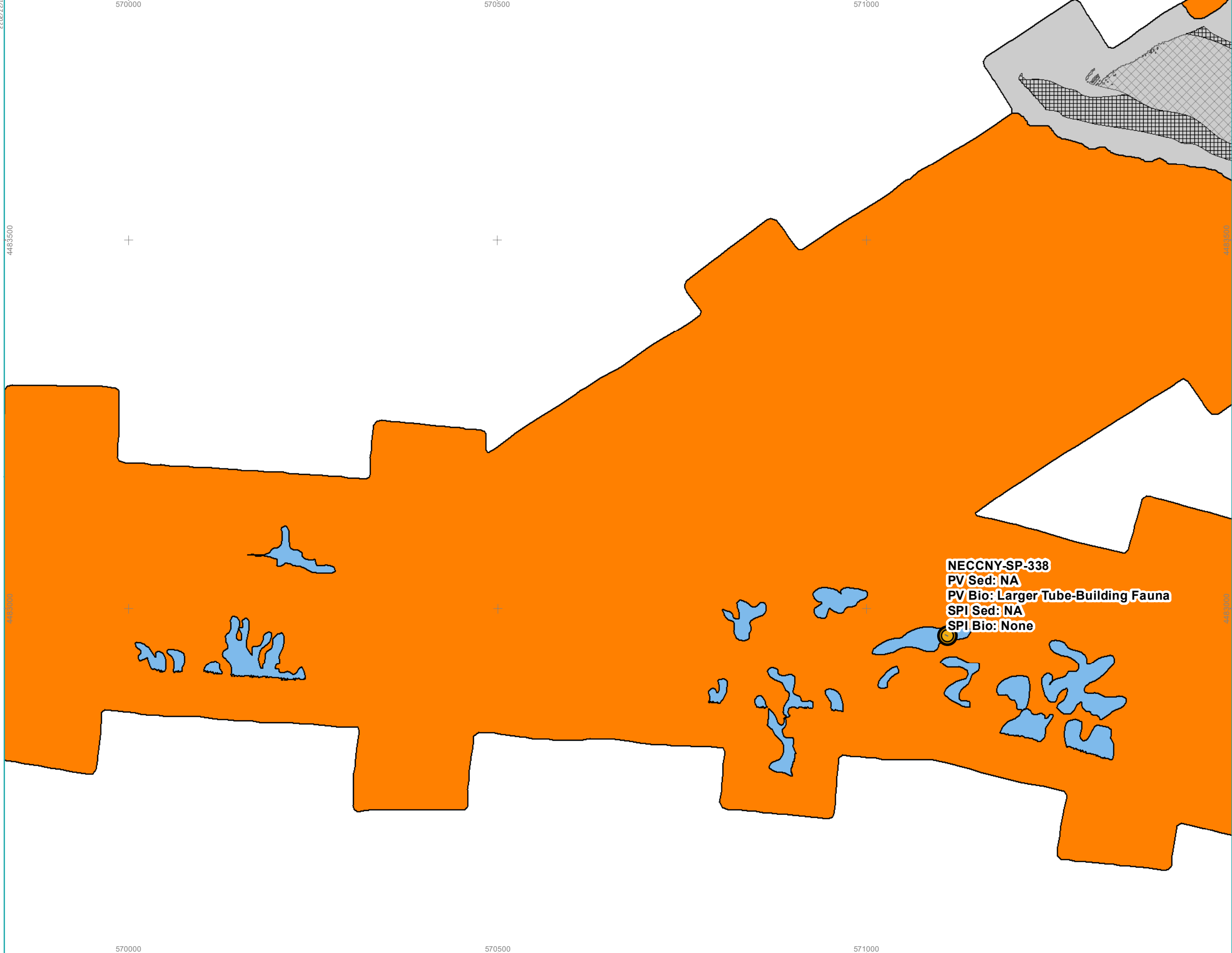


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 5

Northern Export Cable Corridor (ECC)
Slide 5 of 337

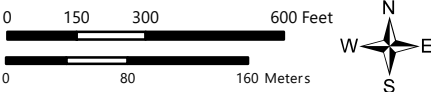
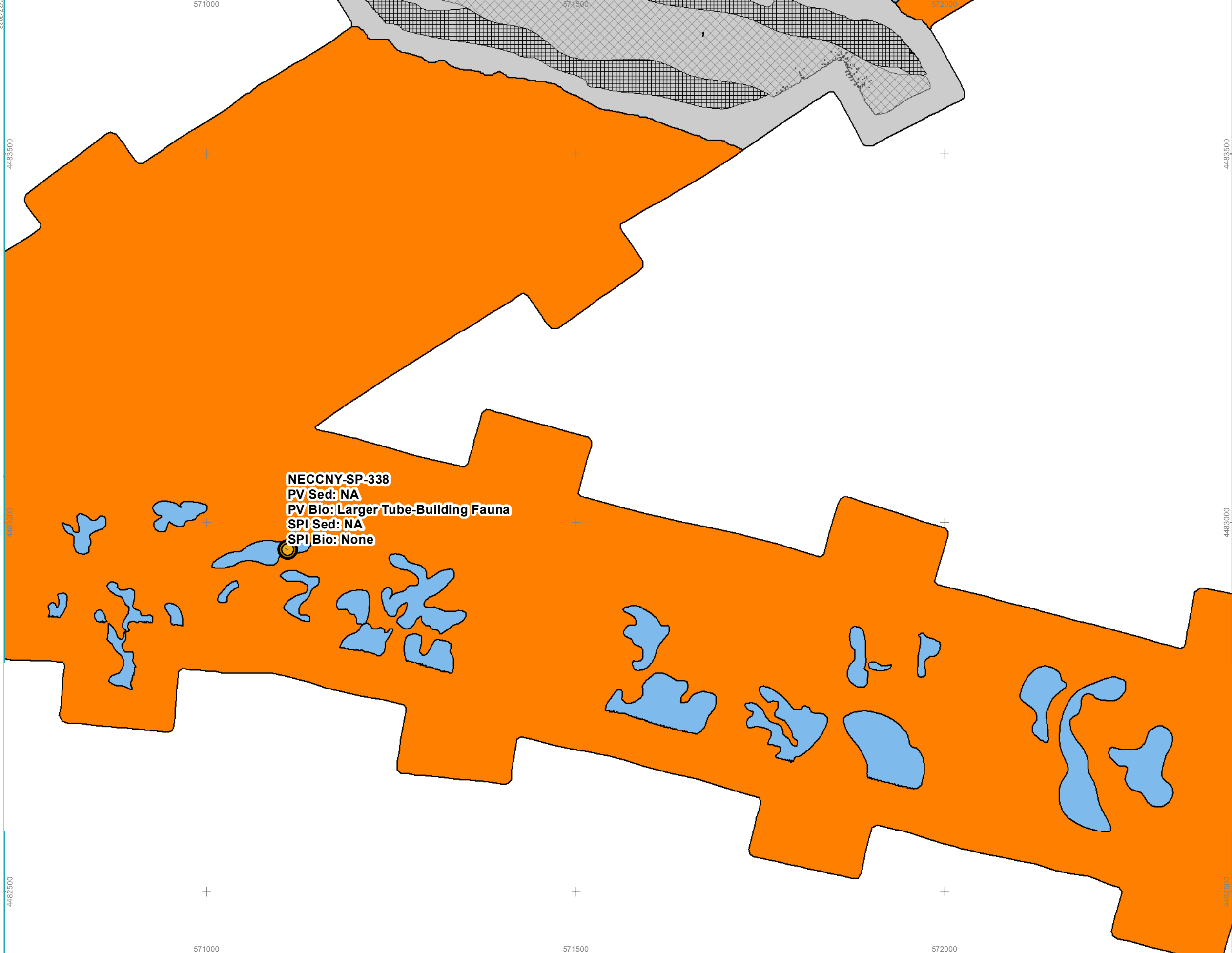


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- HeavilyScarredArea
- Dredging Activity
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

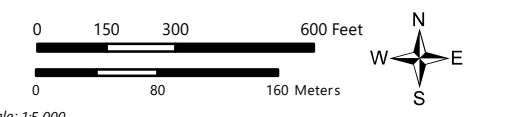
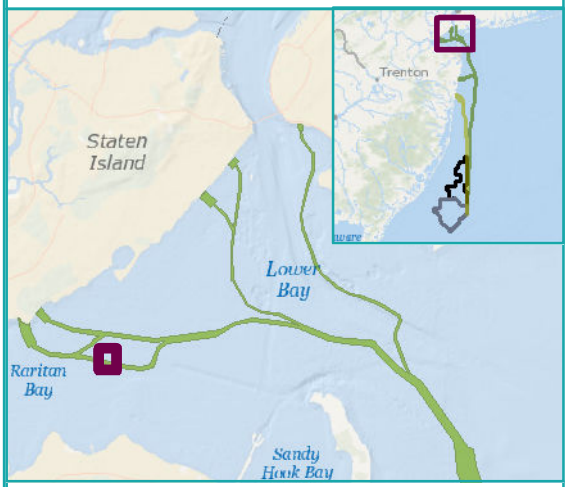
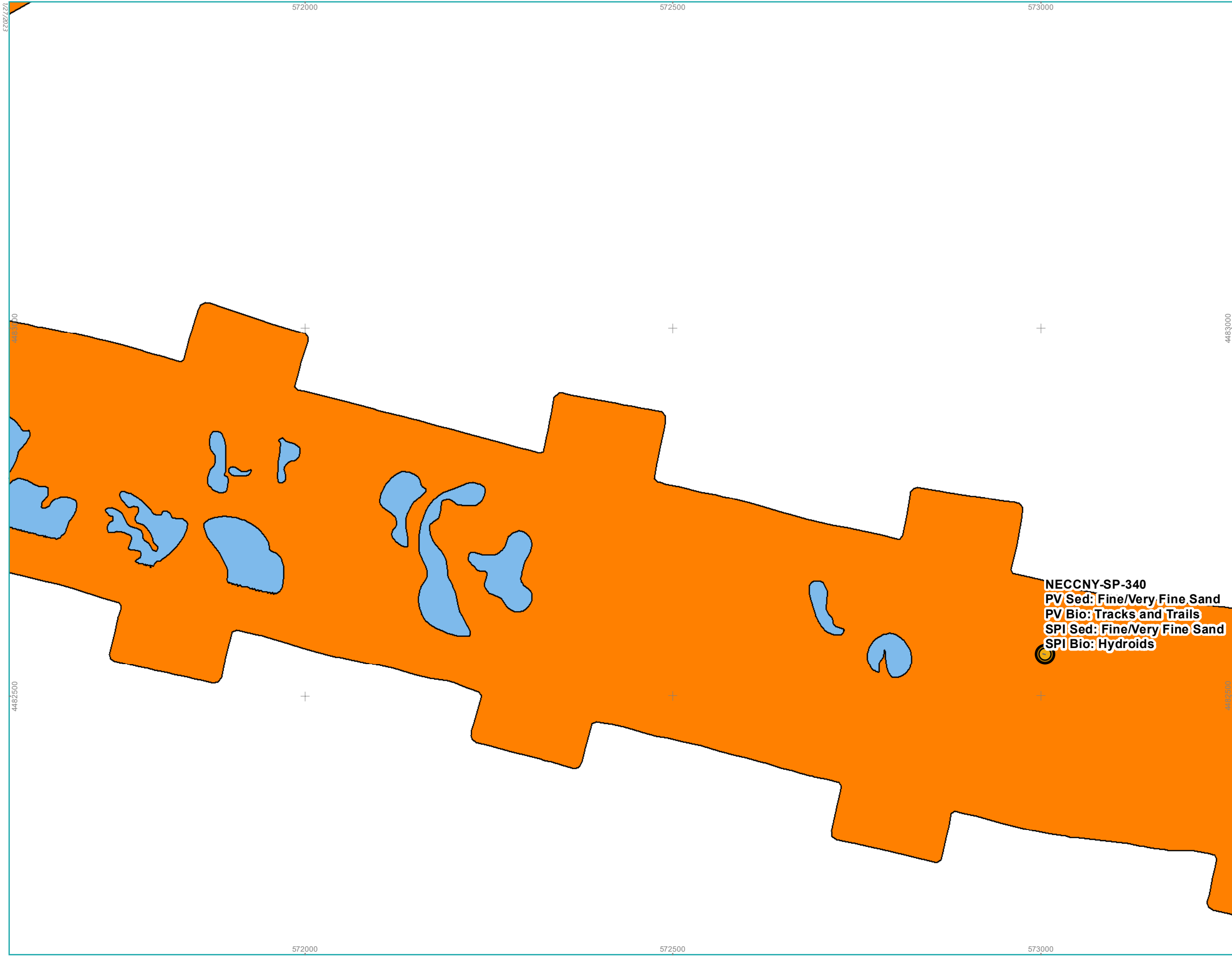
Figure 6
Northern Export Cable Corridor (ECC)
Slide 6 of 337



Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - HeavilyScarredArea
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 7



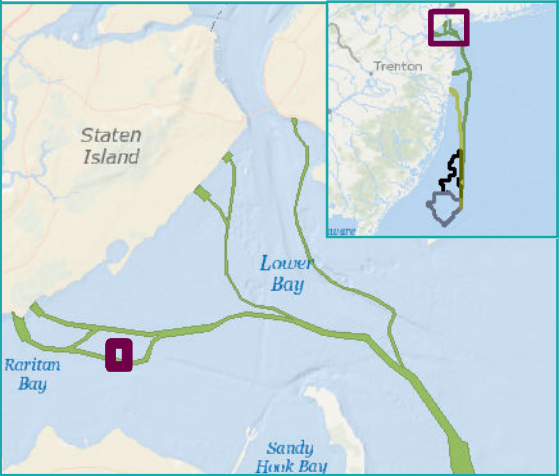
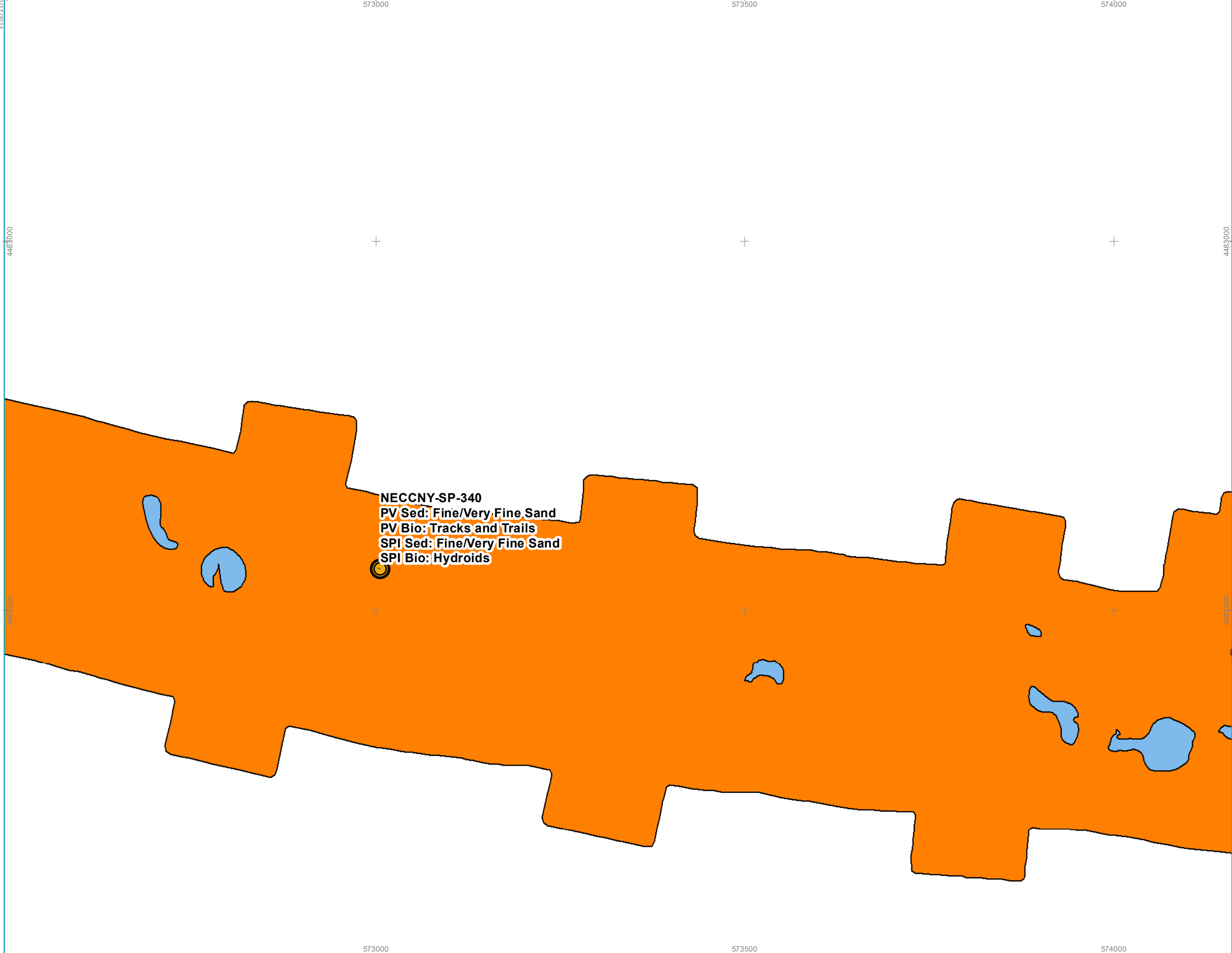
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

NECCNY-SP-340
PV Sed: Fine/Very Fine Sand
PV Bio: Tracks and Trails
SPI Sed: Fine/Very Fine Sand
SPI Bio: Hydroids

Figure 8

Northern Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - PV
-  Soft Bottom Station - PV
-  Heterogeneous Complex Habitat
-  Soft Bottom Habitat
-  Northern Export Cable Corridor (ECC)

Figure 9

Northern Export Cable Corridor (ECC)
Slide 9 of 337

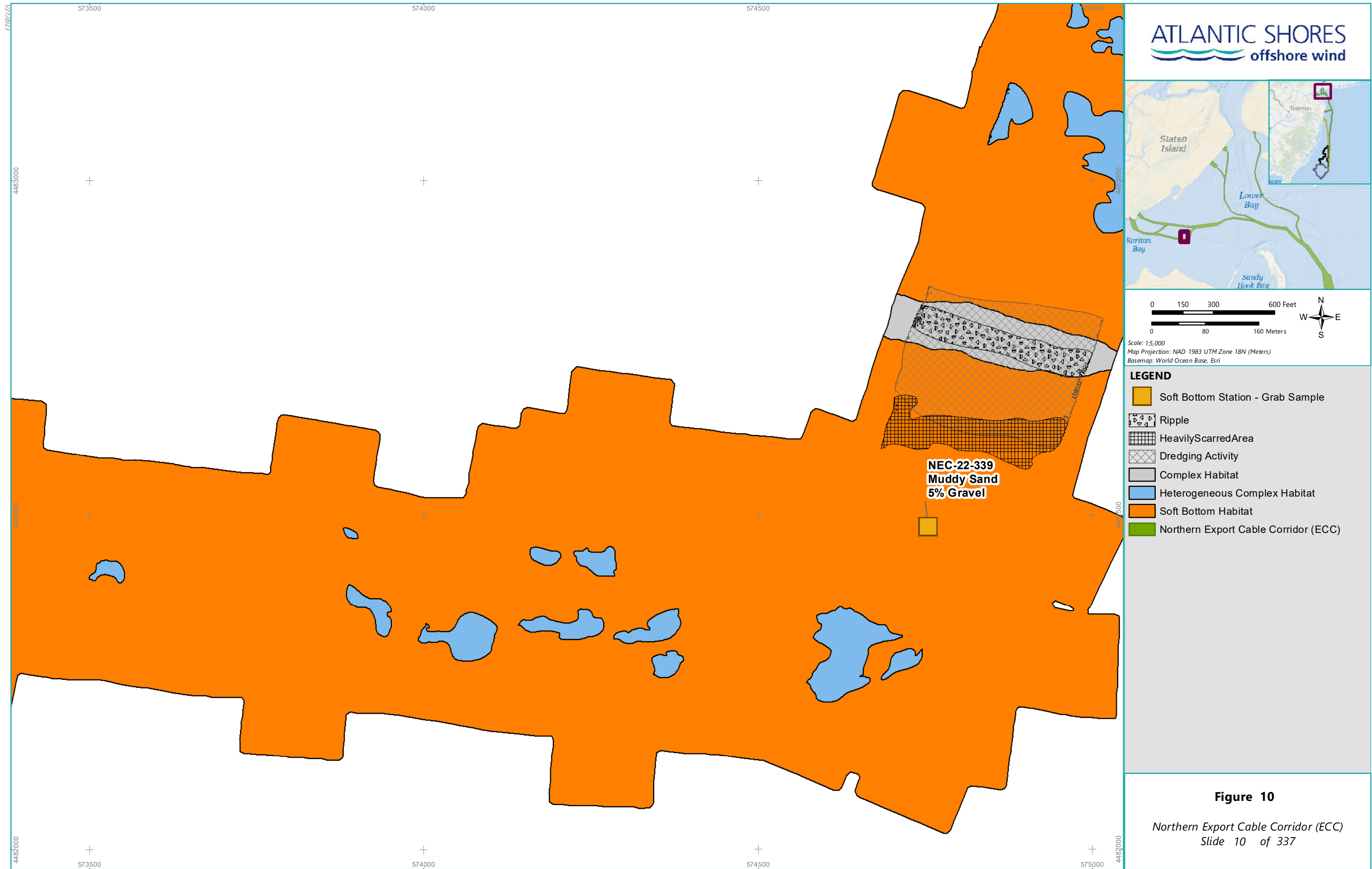
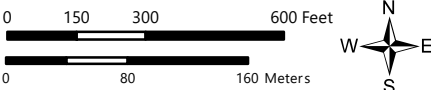
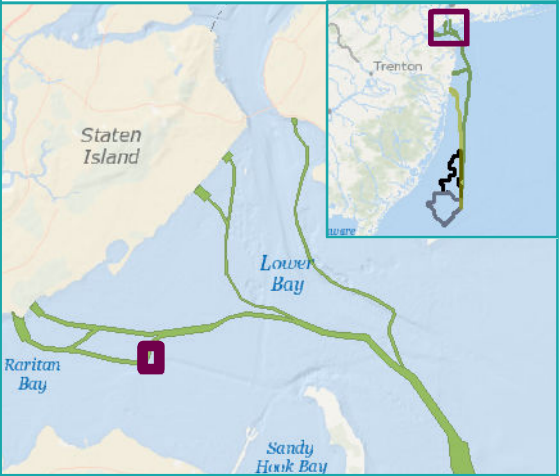
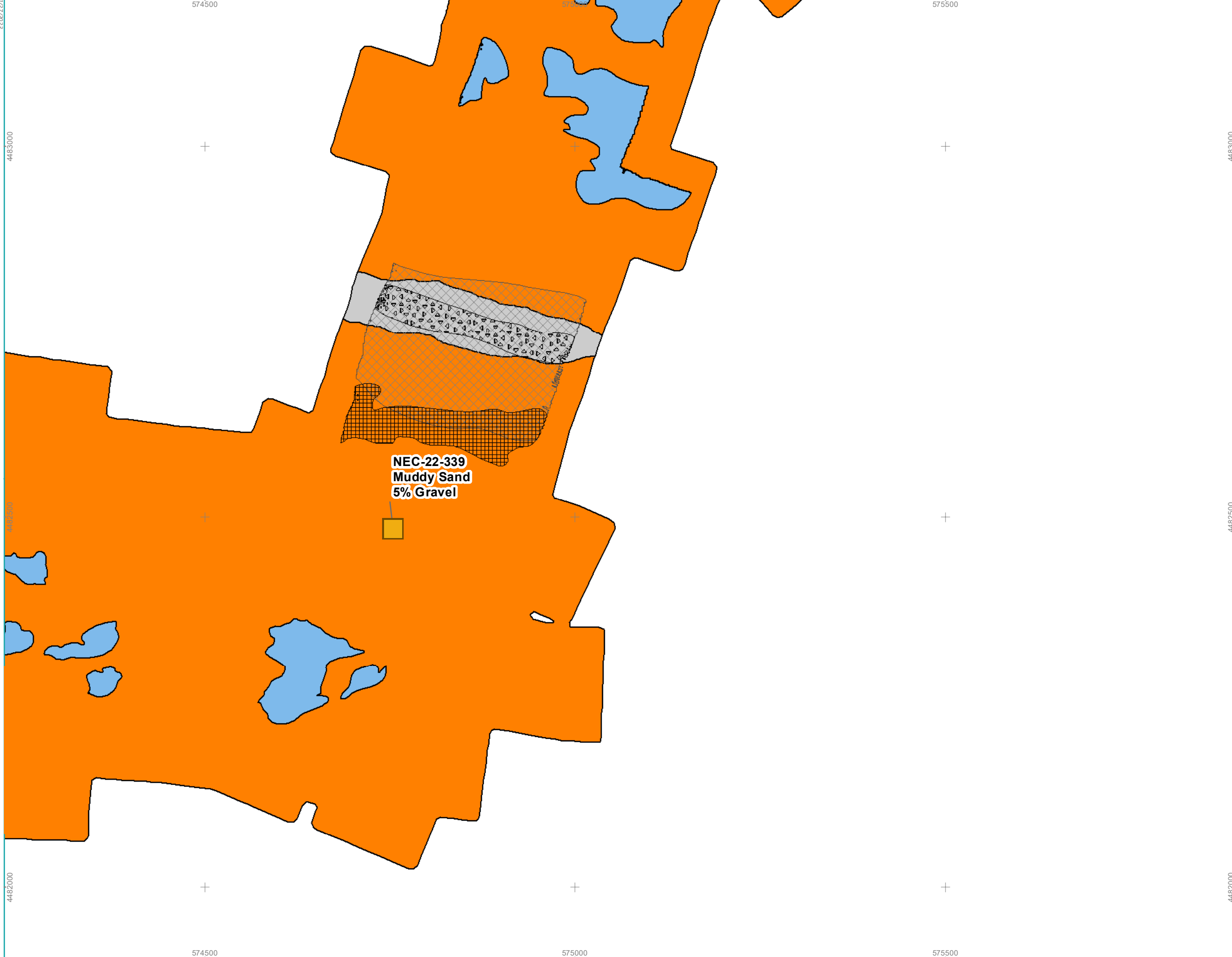


Figure 10
Northern Export Cable Corridor (ECC)
Slide 10 of 337

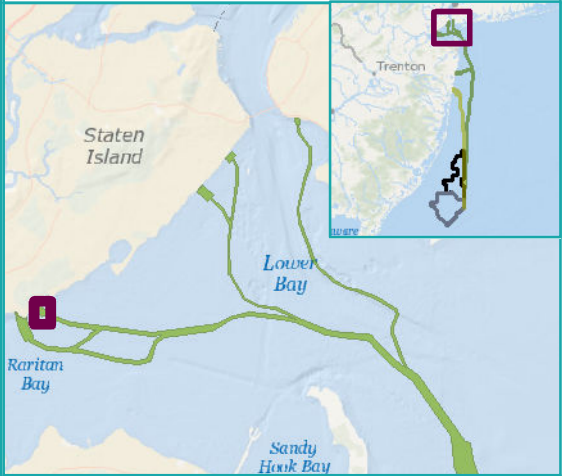
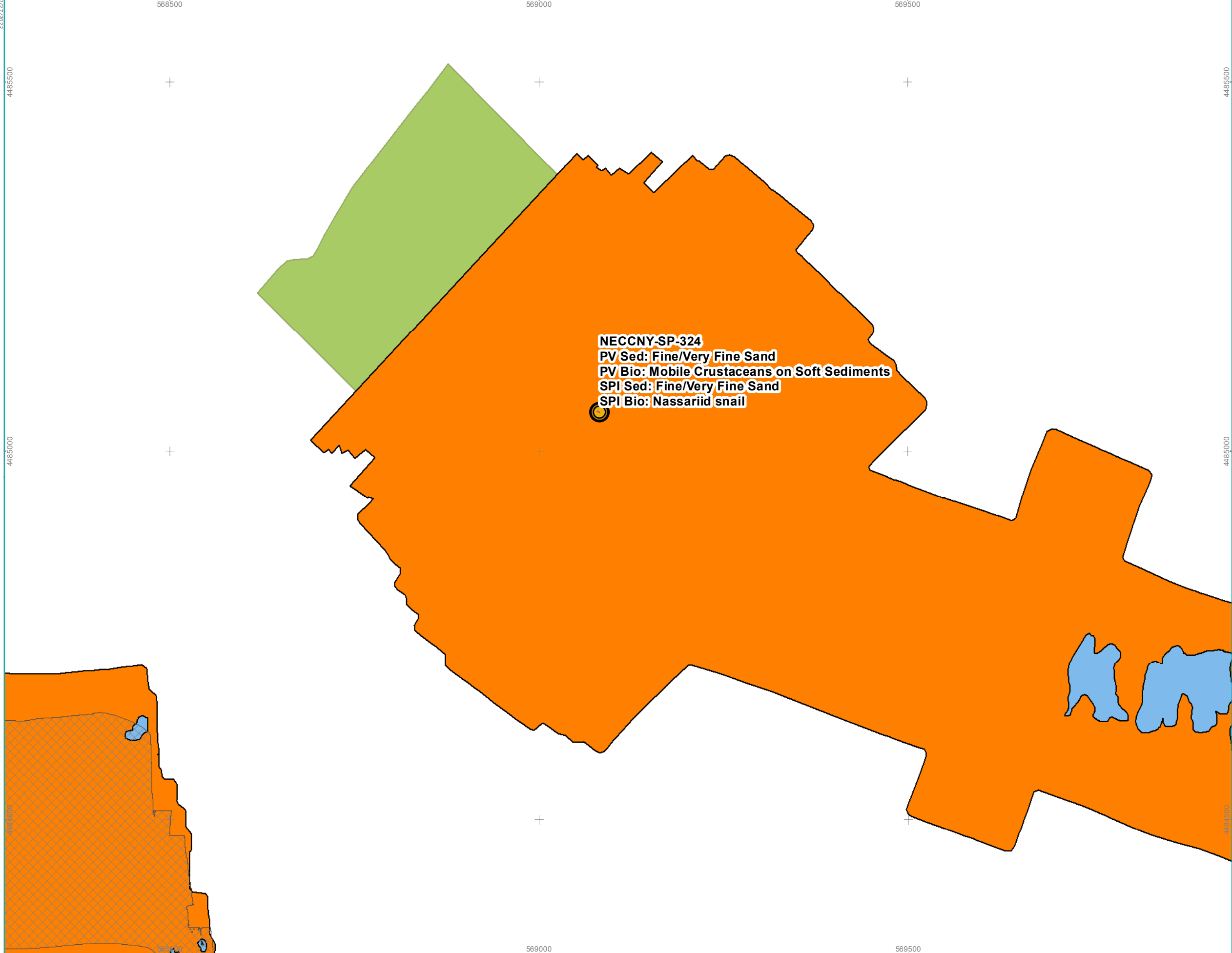


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Ripple
- HeavilyScarredArea
- Dredging Activity
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

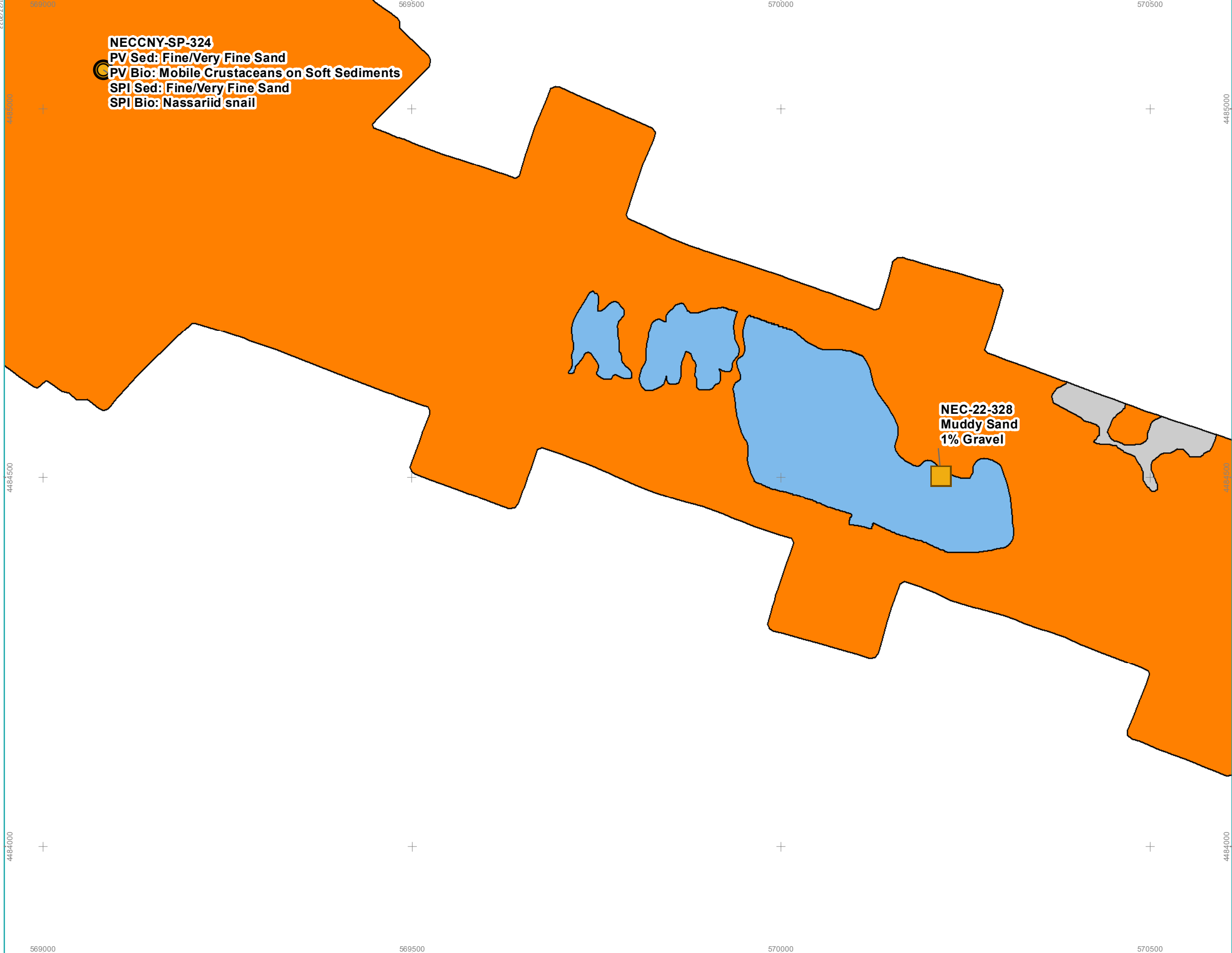
Figure 11



LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Dredging Activity
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 12



NECCNY-SP-324
PV Sed: Fine/Very Fine Sand
PV Bio: Mobile Crustaceans on Soft Sediments
SPI Sed: Fine/Very Fine Sand
SPI Bio: Nassariid snail

NEC-22-328
Muddy Sand
1% Gravel

0150300600

080160

0150300600

080160

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Soft Bottom Station - PV

Soft Bottom Station - PV

Soft Bottom Station - Grab Sample

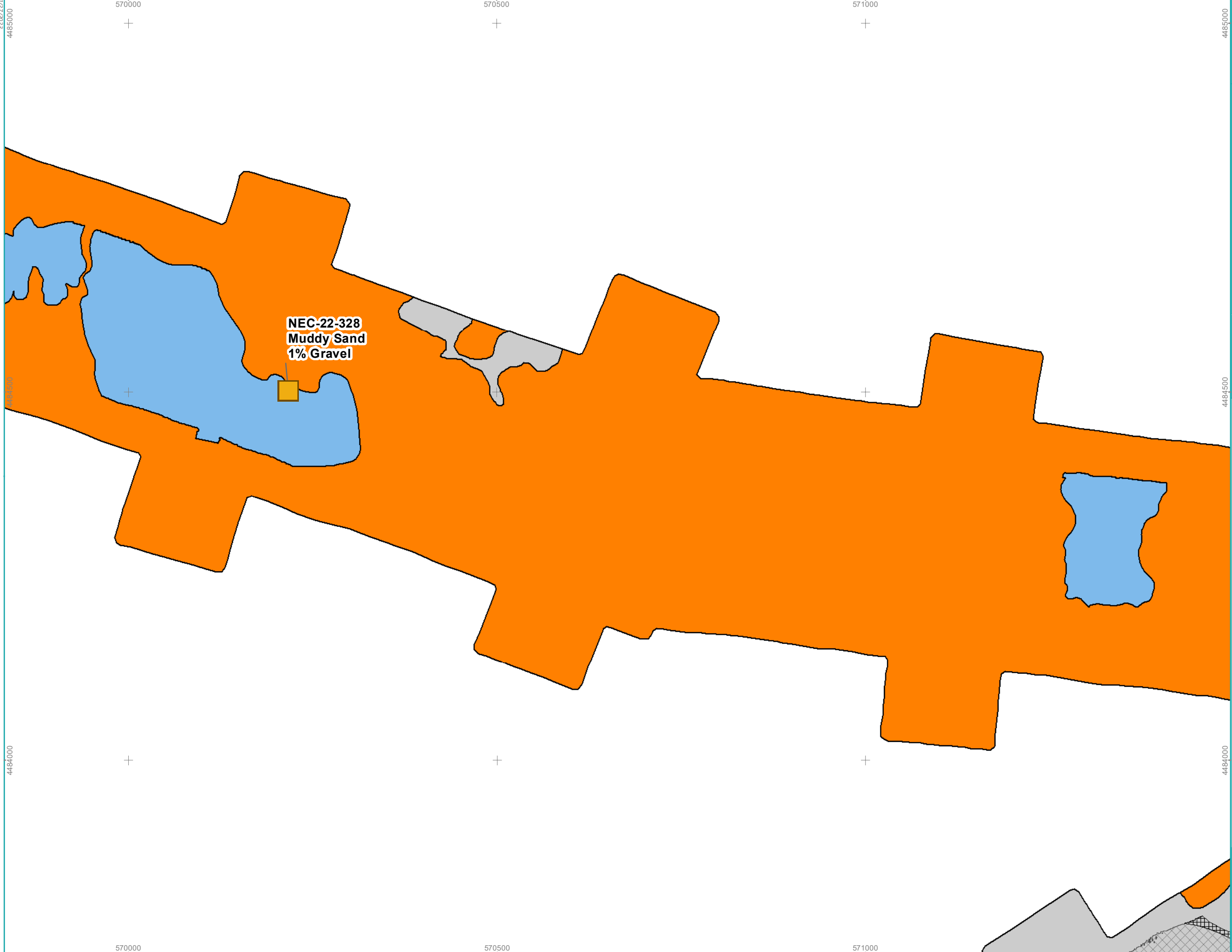
Complex Habitat

Heterogeneous Complex Habitat

Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 13

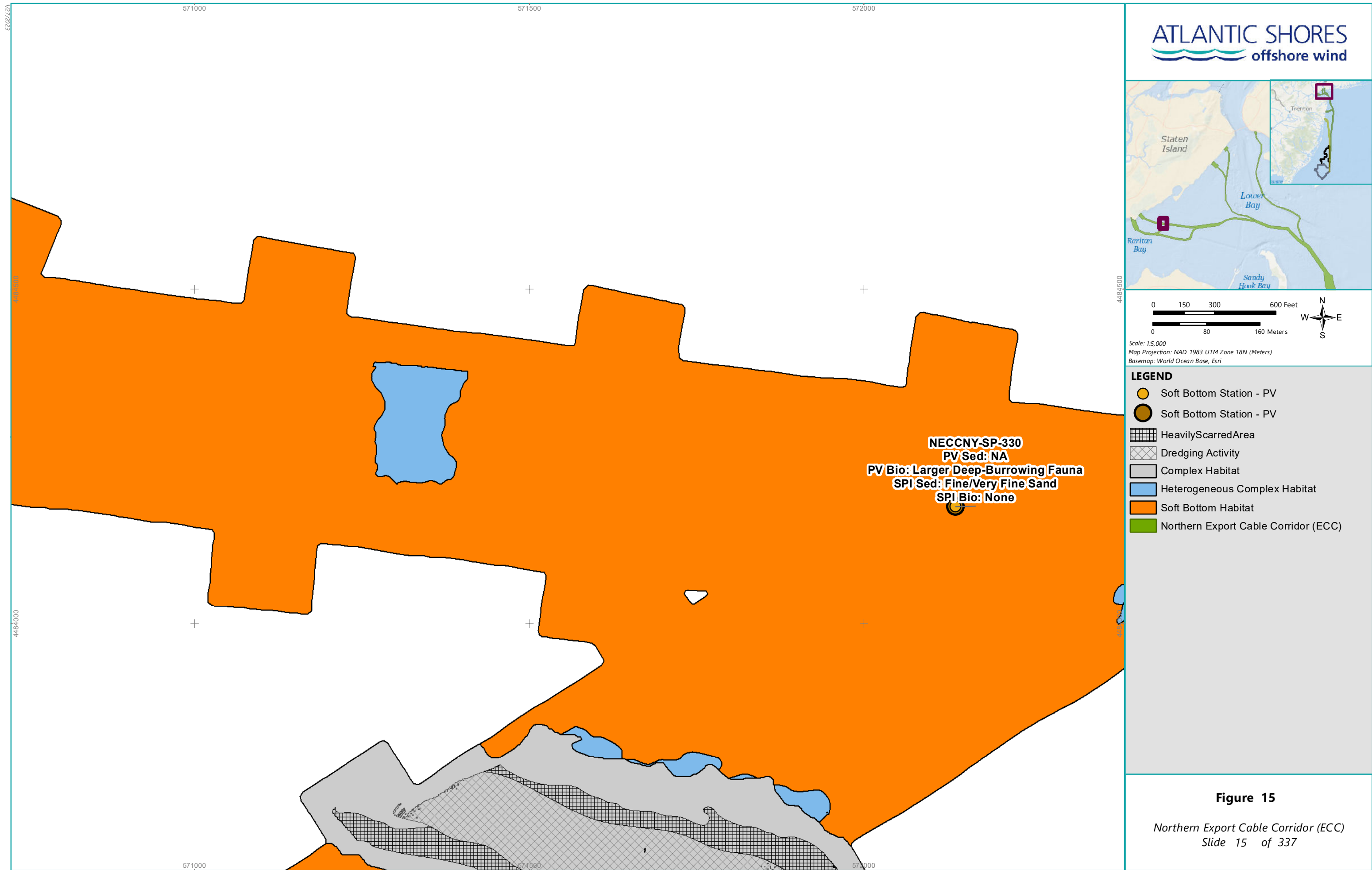


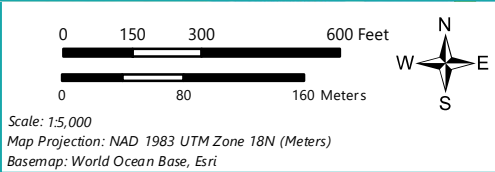
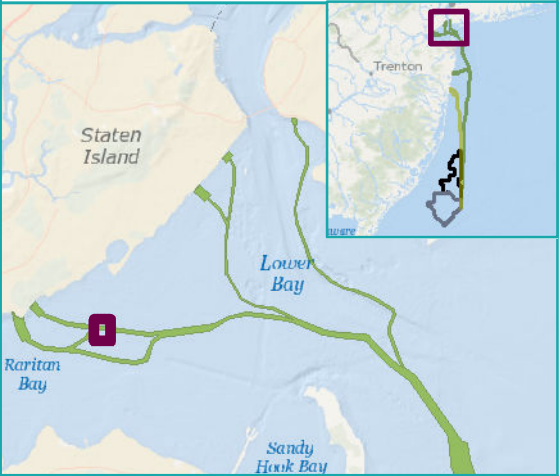
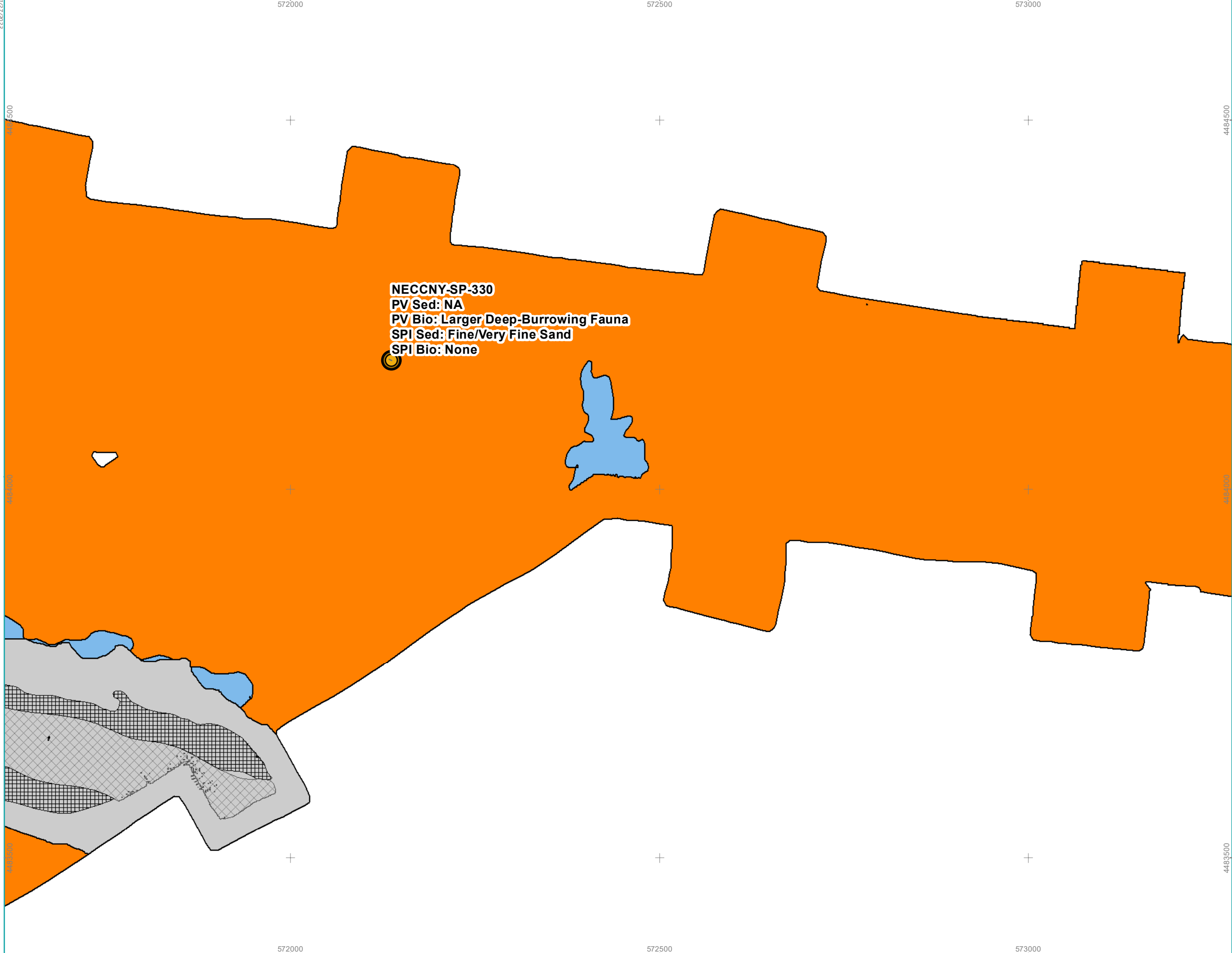
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - HeavilyScarredArea
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 14

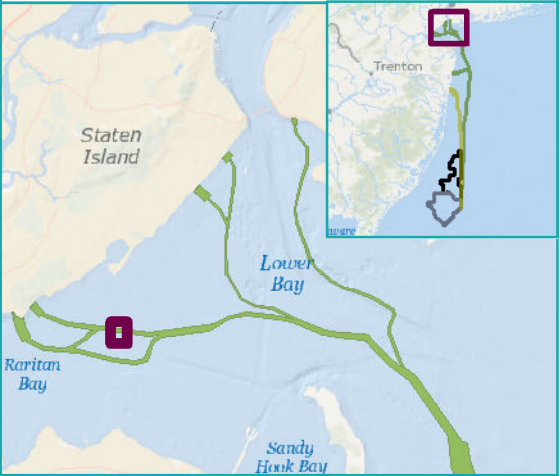
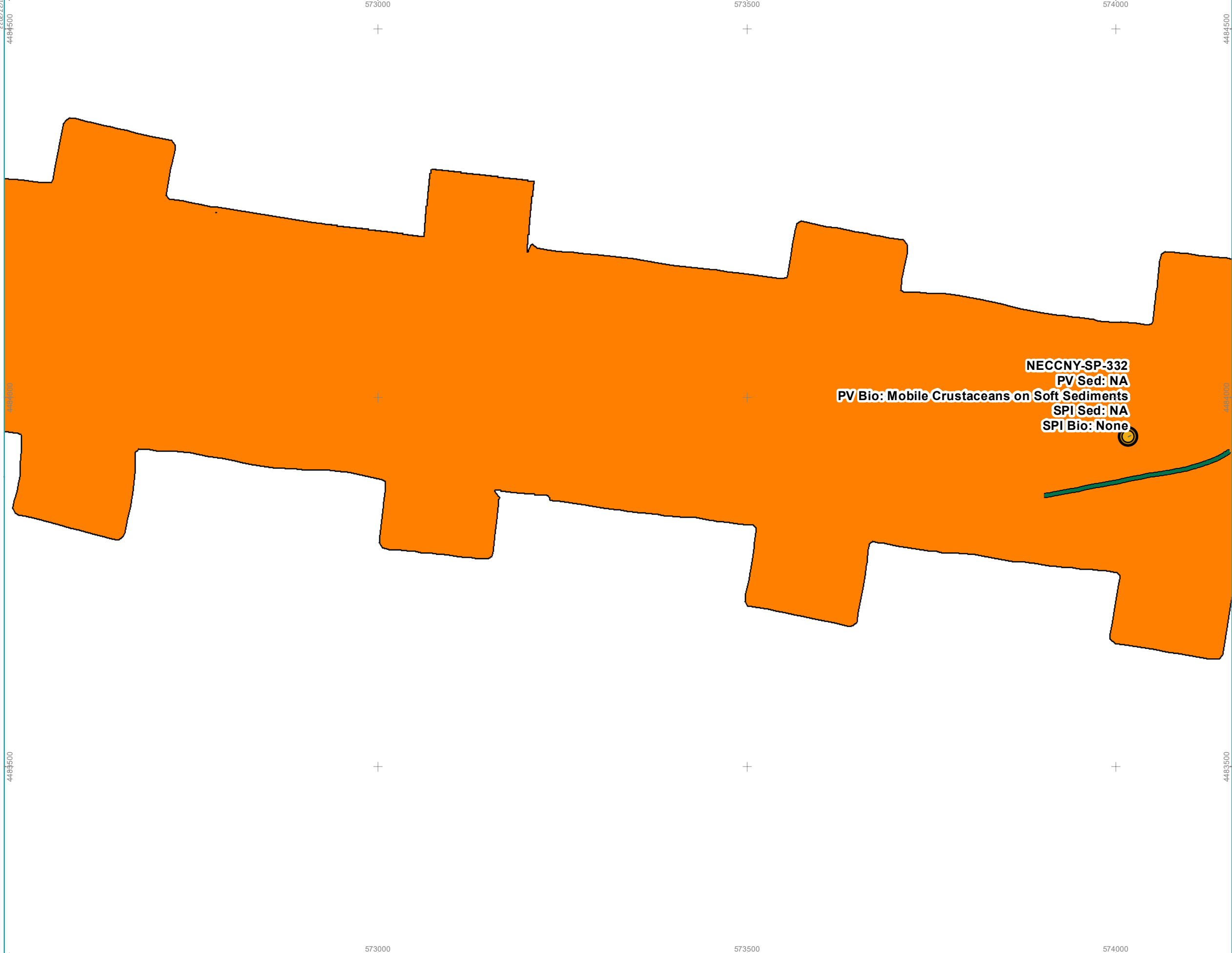
Northern Export Cable Corridor (ECC)
Slide 14 of 337





- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - HeavilyScarredArea
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

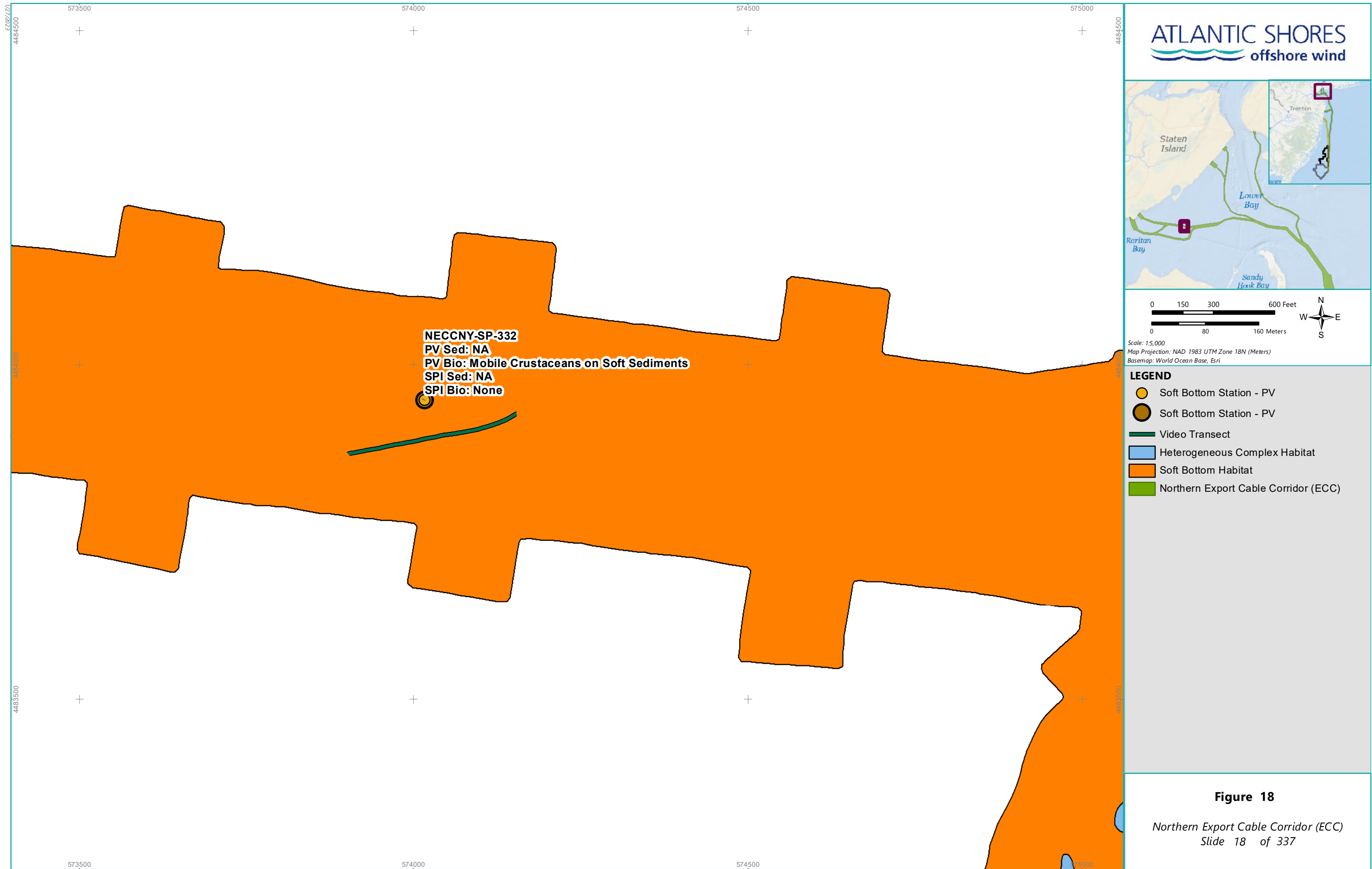
Figure 16

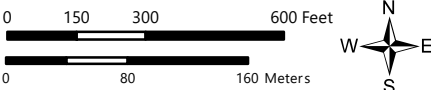
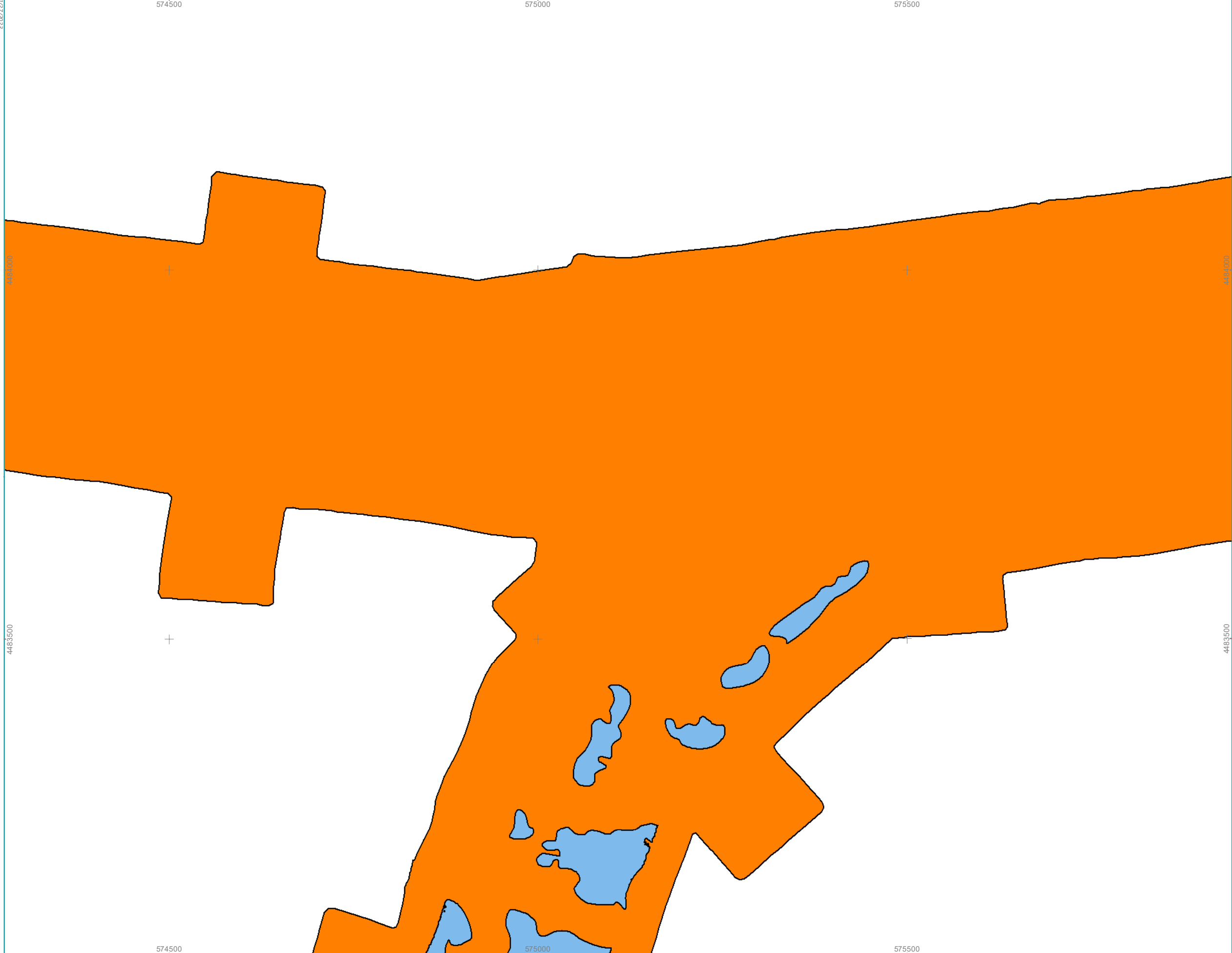


Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 17

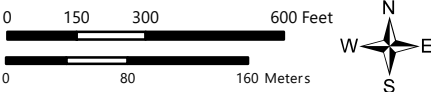
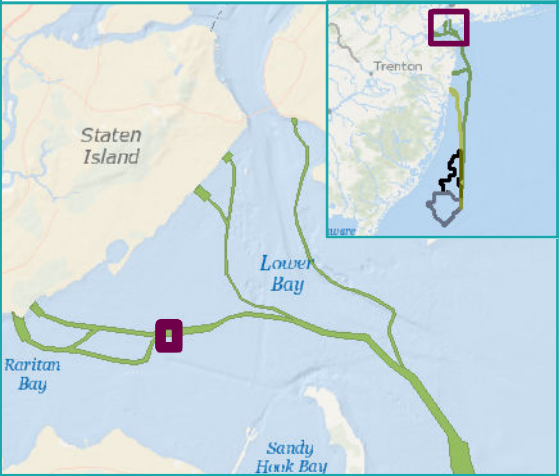
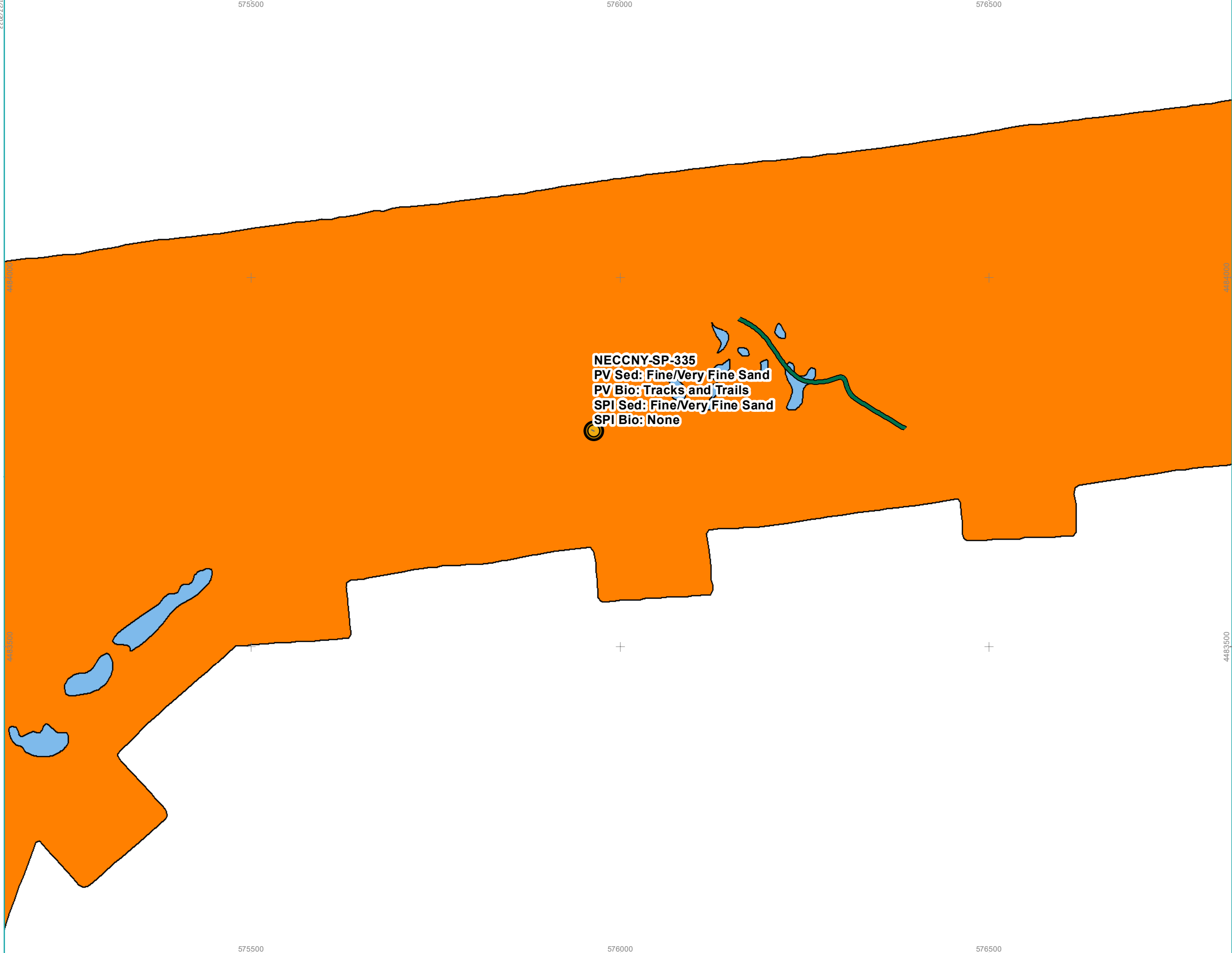




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

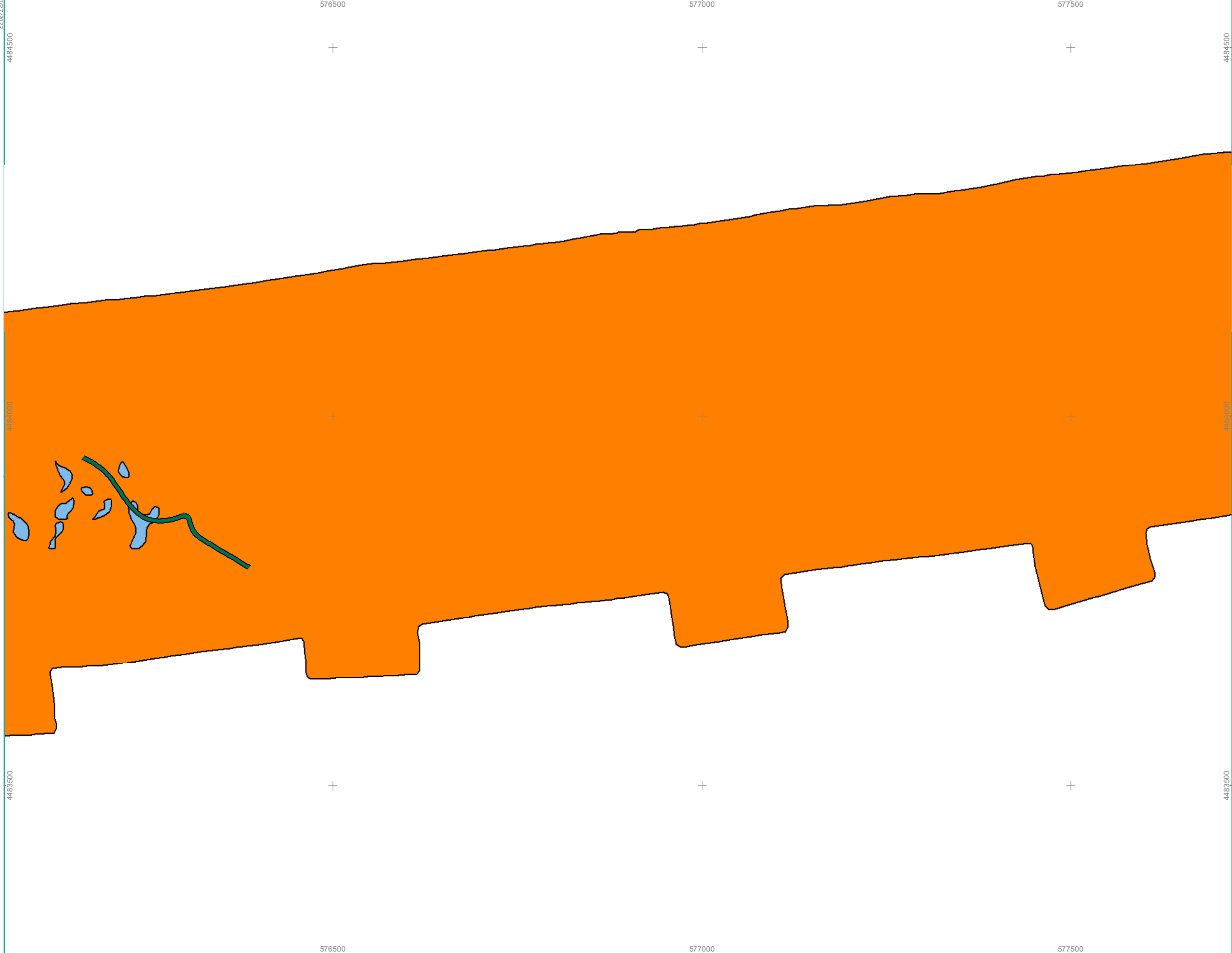
Figure 19



Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 20



0150300600

Feet

080160

Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

Video Transect

Heterogeneous Complex Habitat

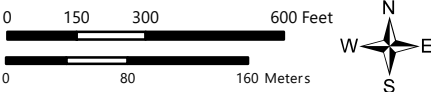
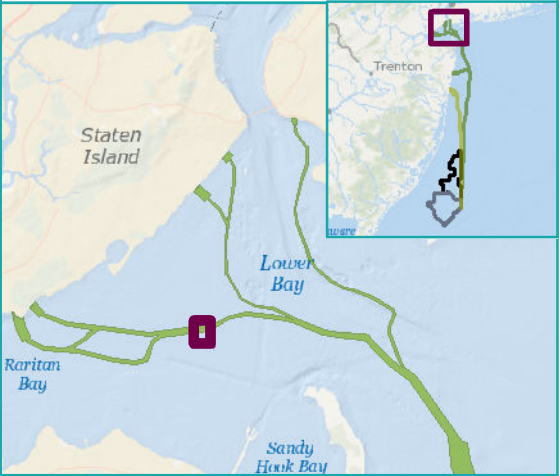
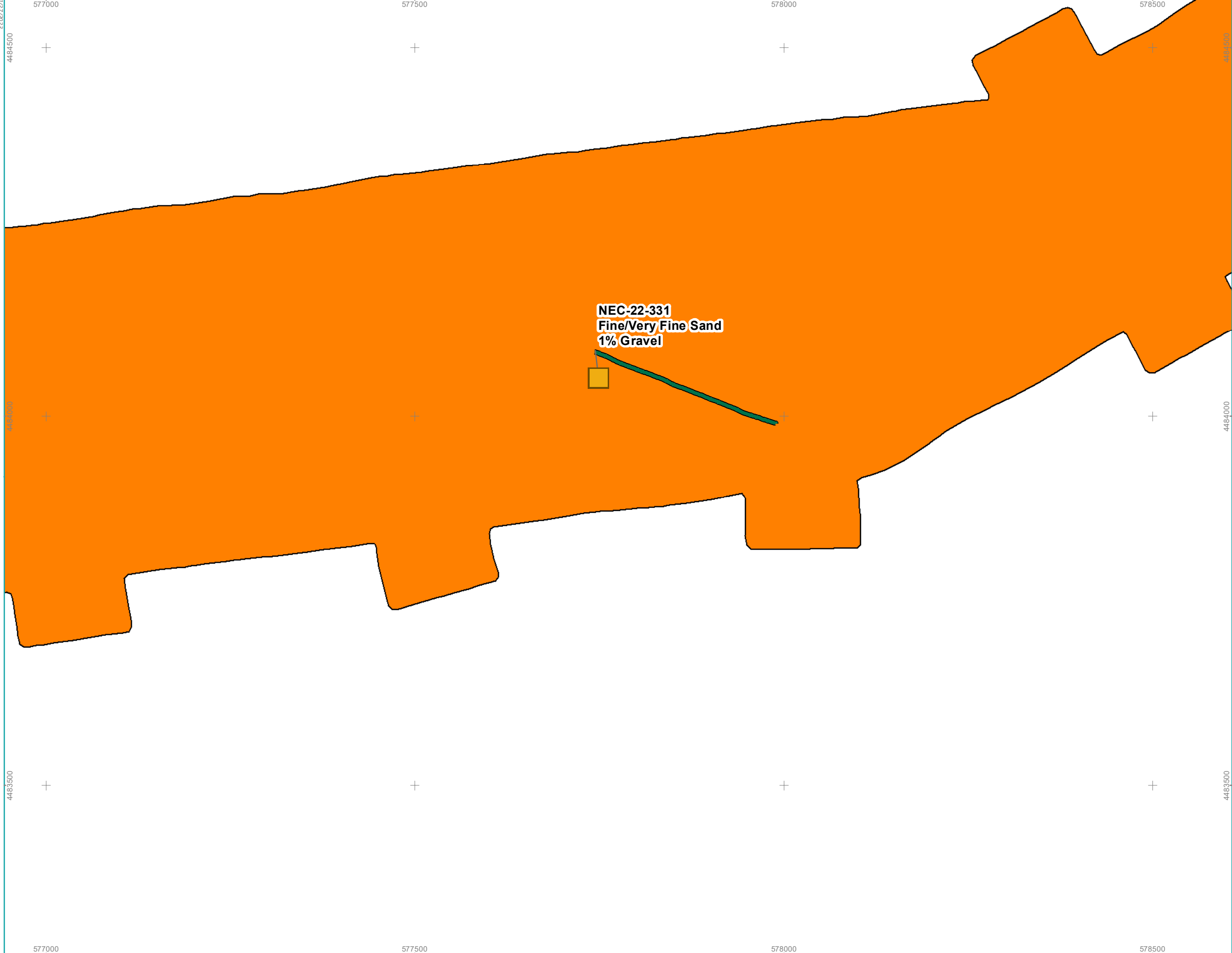
Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 21

Northern Export Cable Corridor (ECC)

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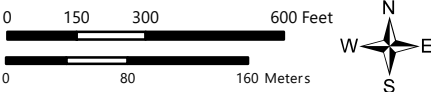
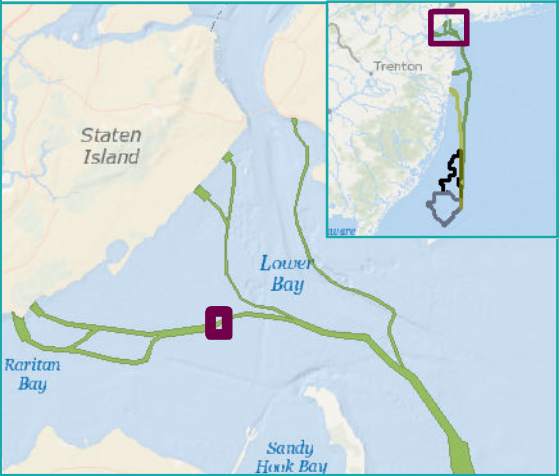
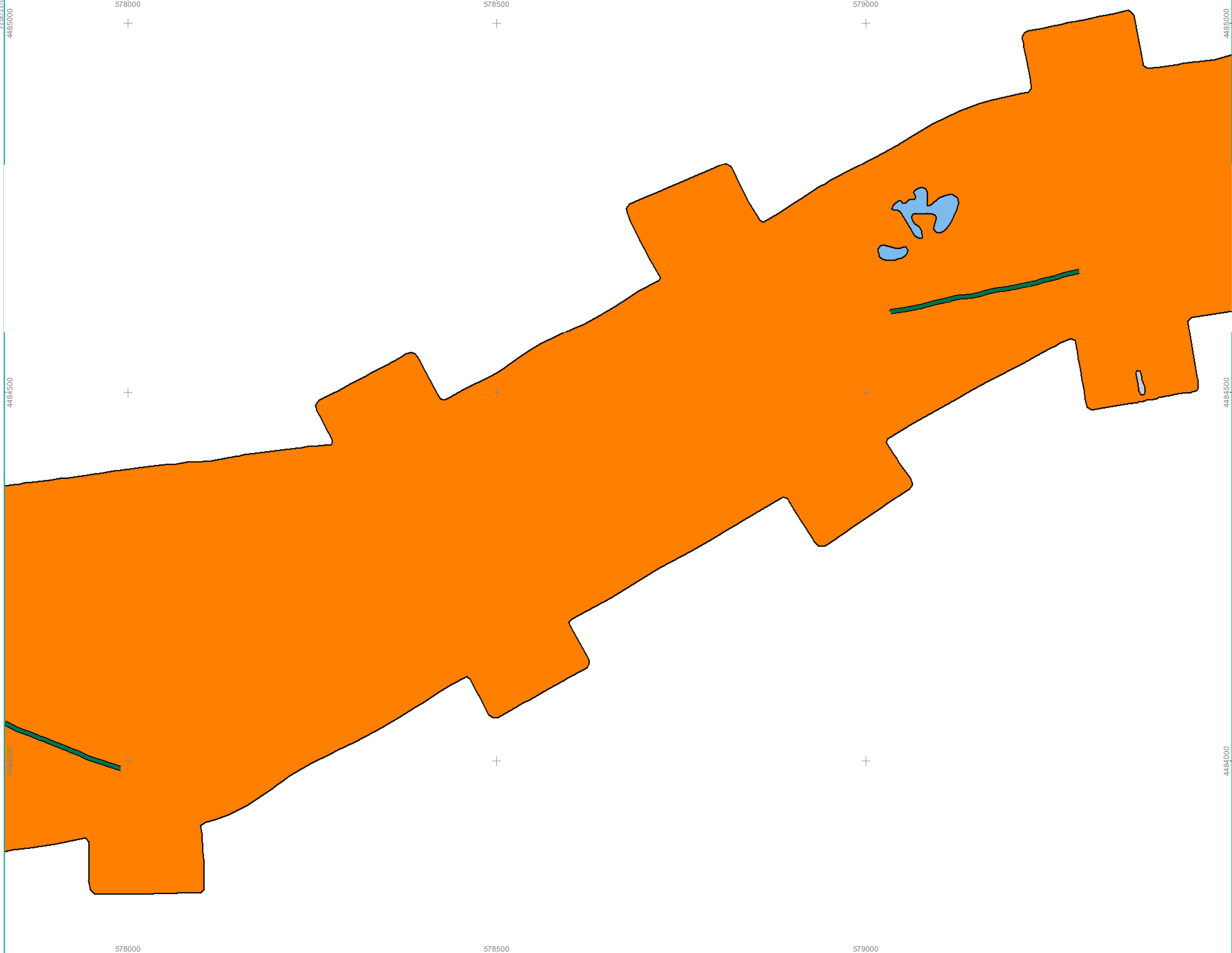
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - Grab Sample
-  Video Transect
-  Soft Bottom Habitat
-  Northern Export Cable Corridor (ECC)

Figure 22

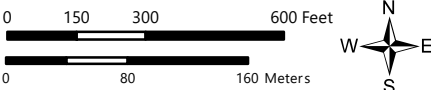
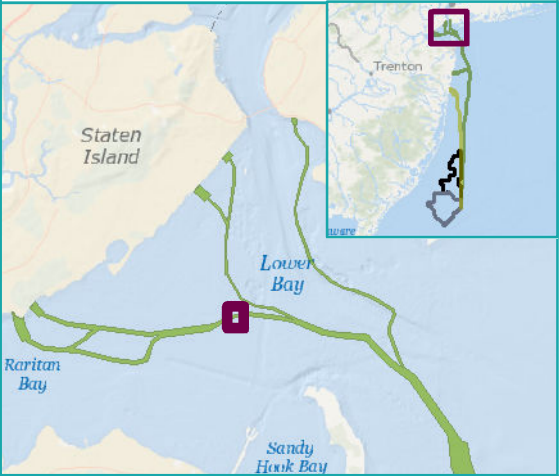
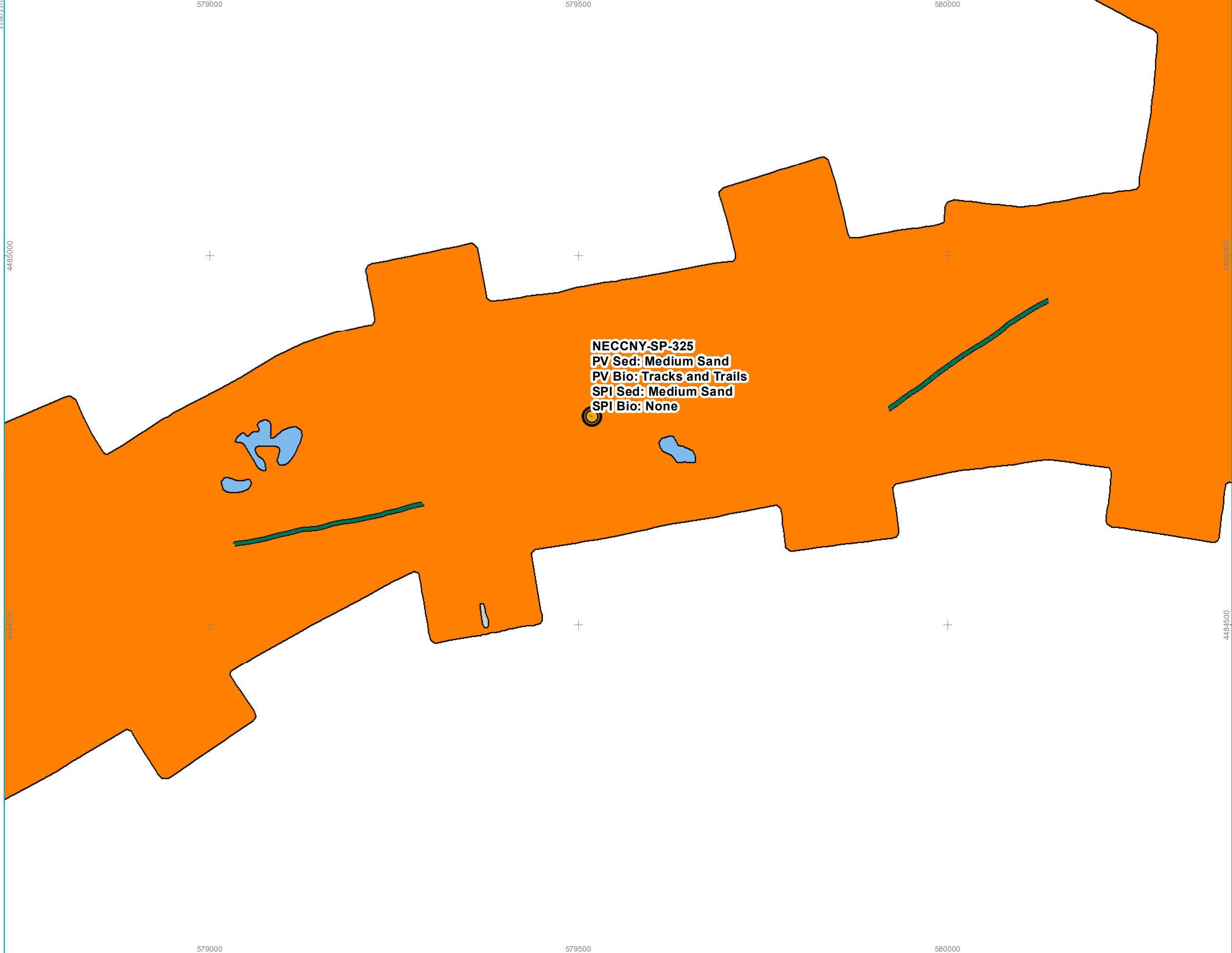
Northern Export Cable Corridor (ECC)
Slide 22 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

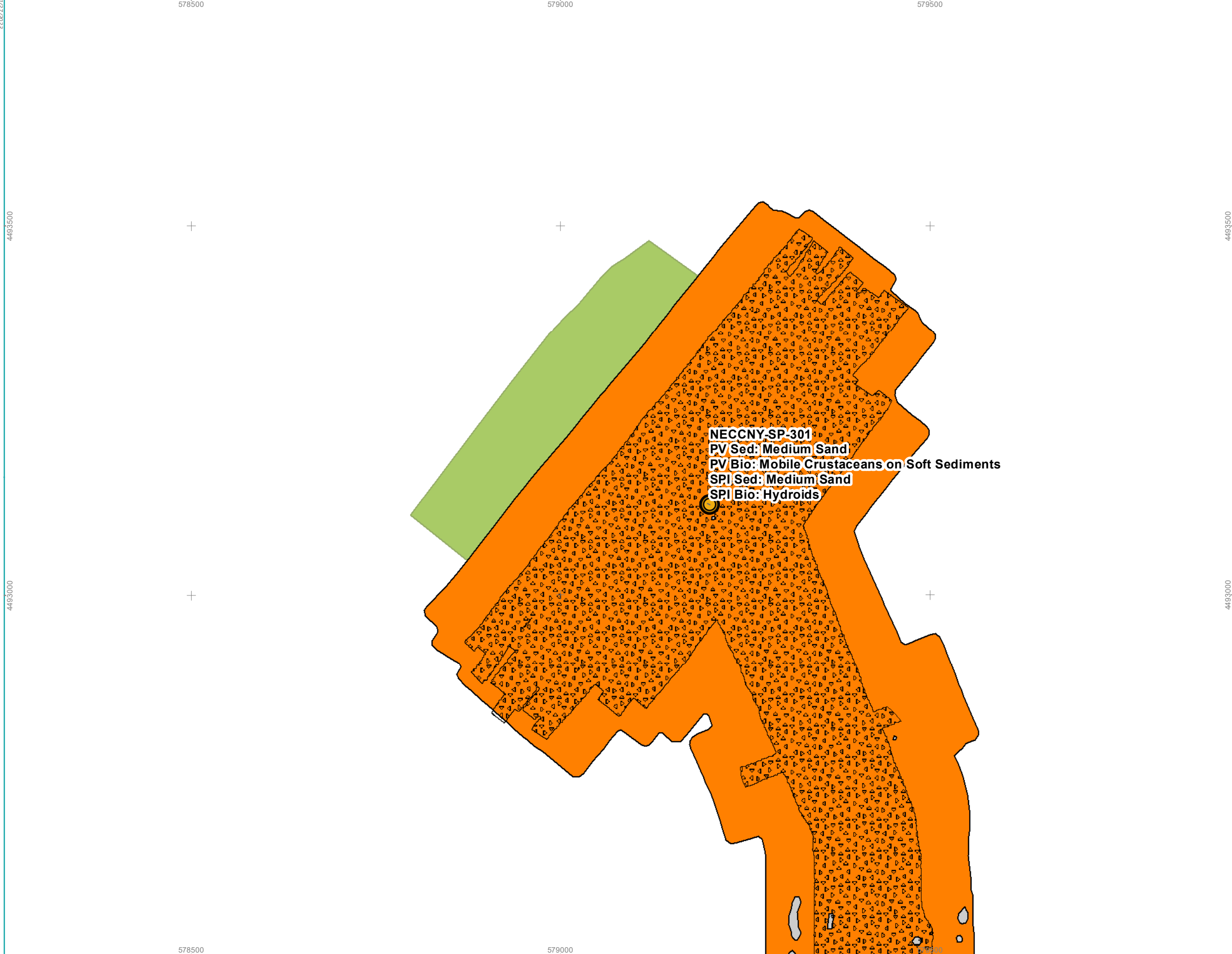
Figure 23



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

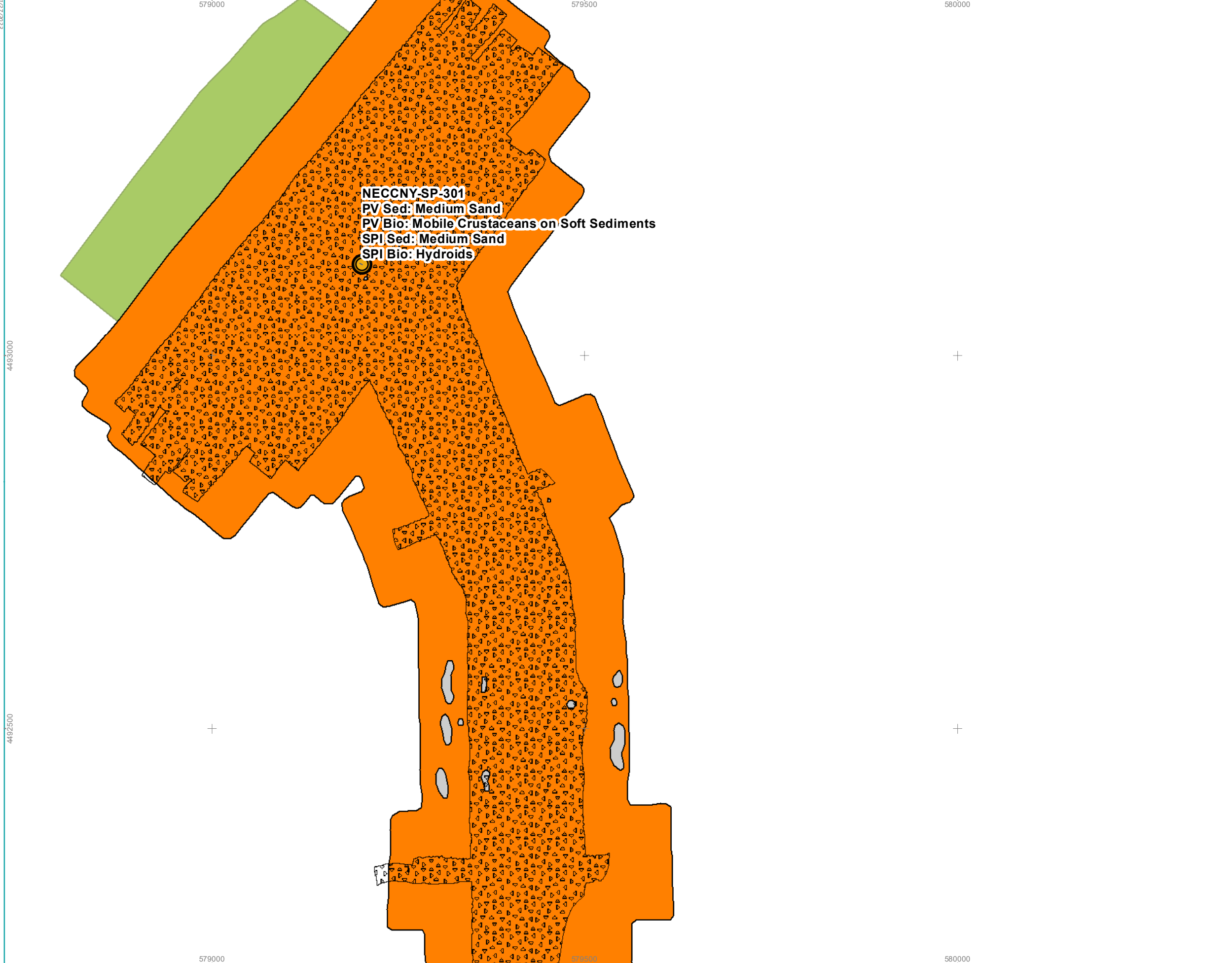
Figure 24



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 25



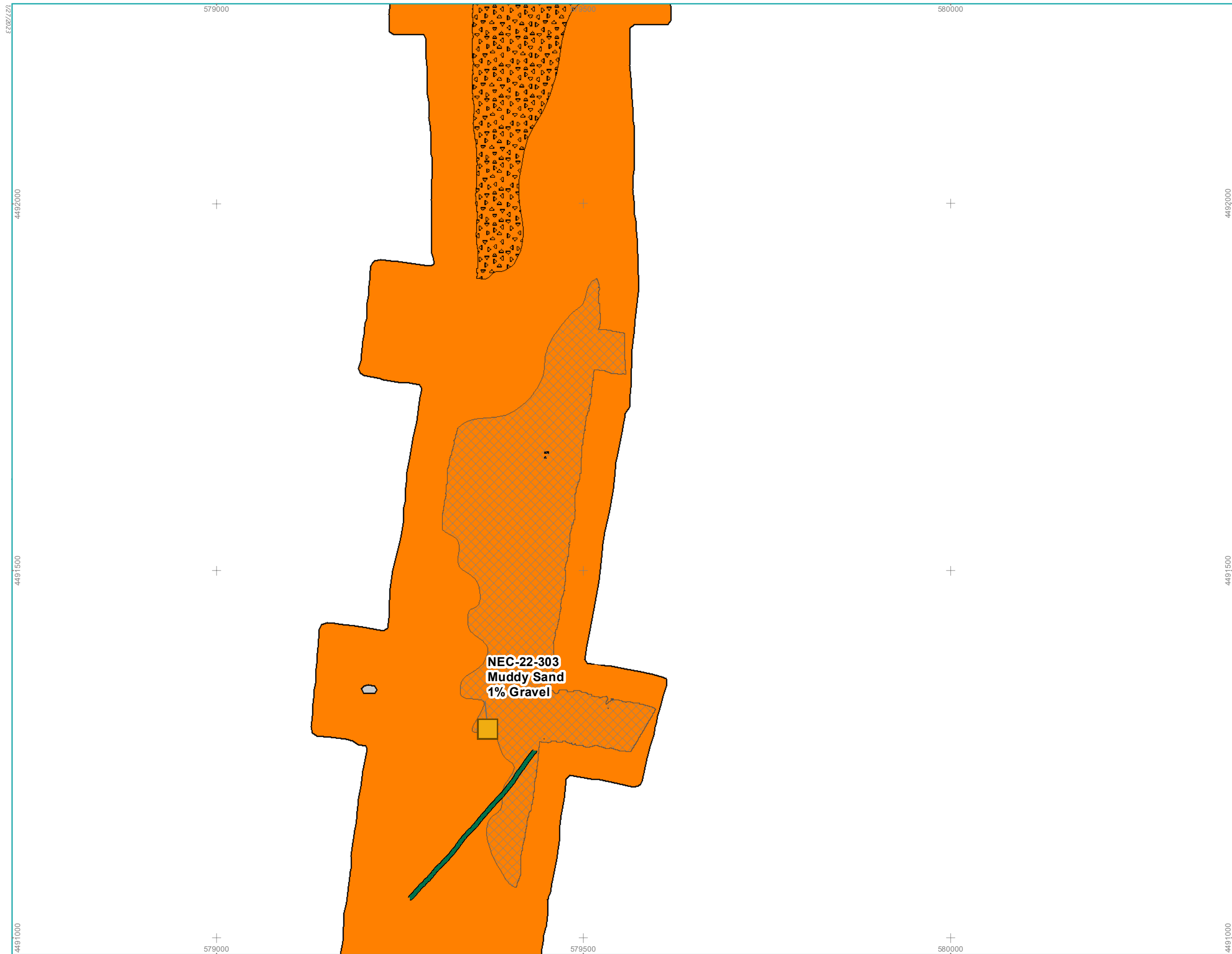
NECCNY-SP-301
PV Sed: Medium Sand
PV Bio: Mobile Crustaceans on Soft Sediments
SPI Sed: Medium Sand
SPI Bio: Hydroids



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 26



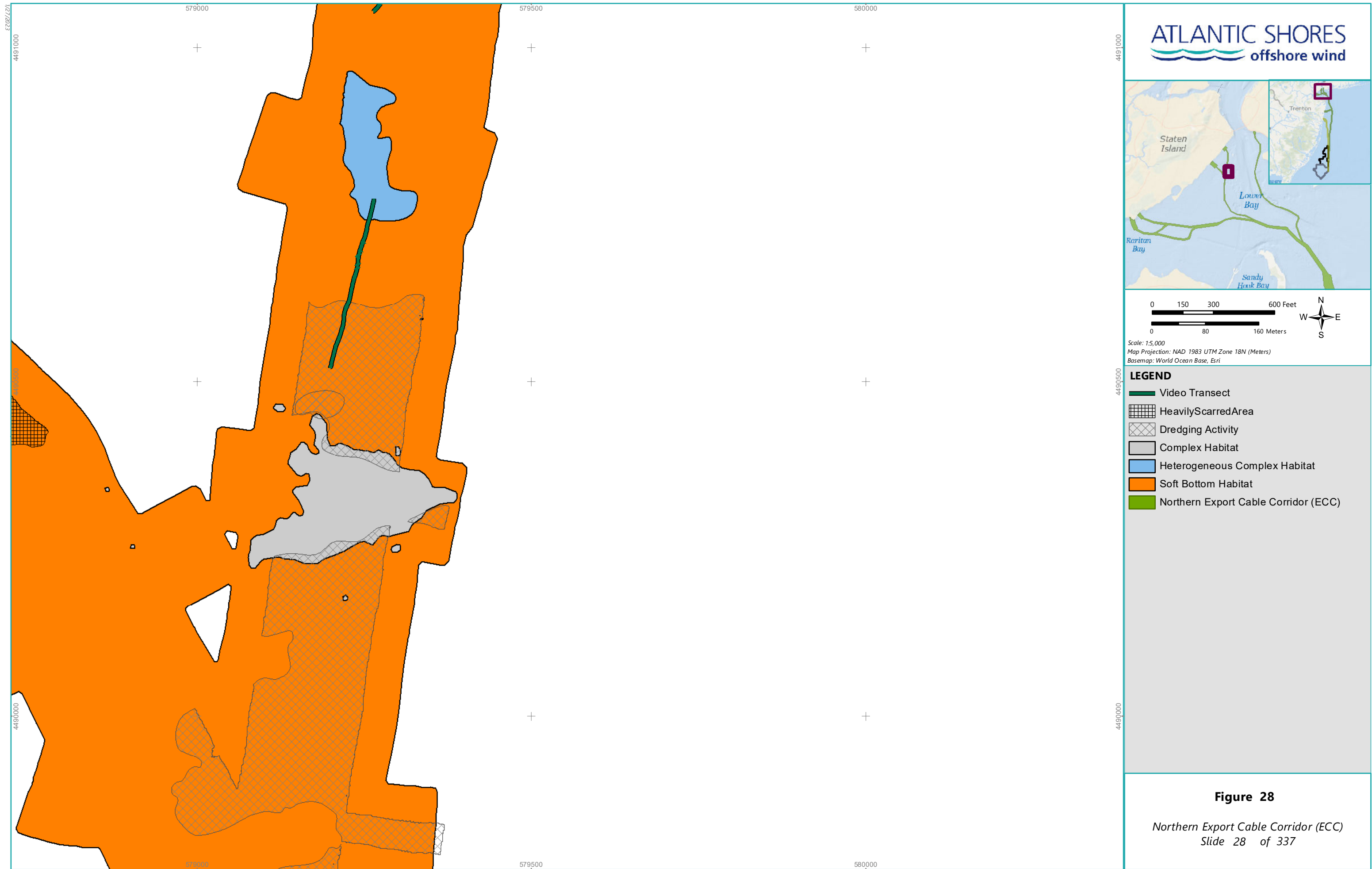
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

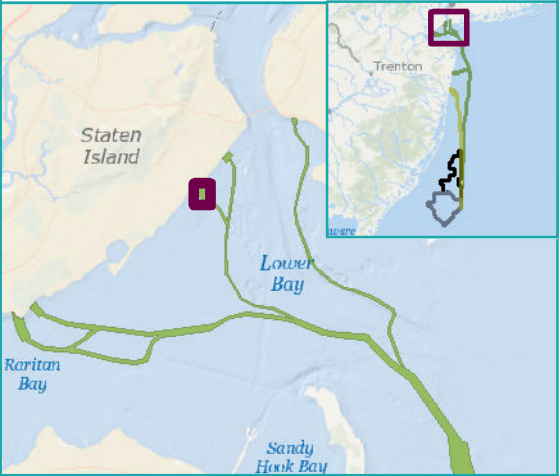
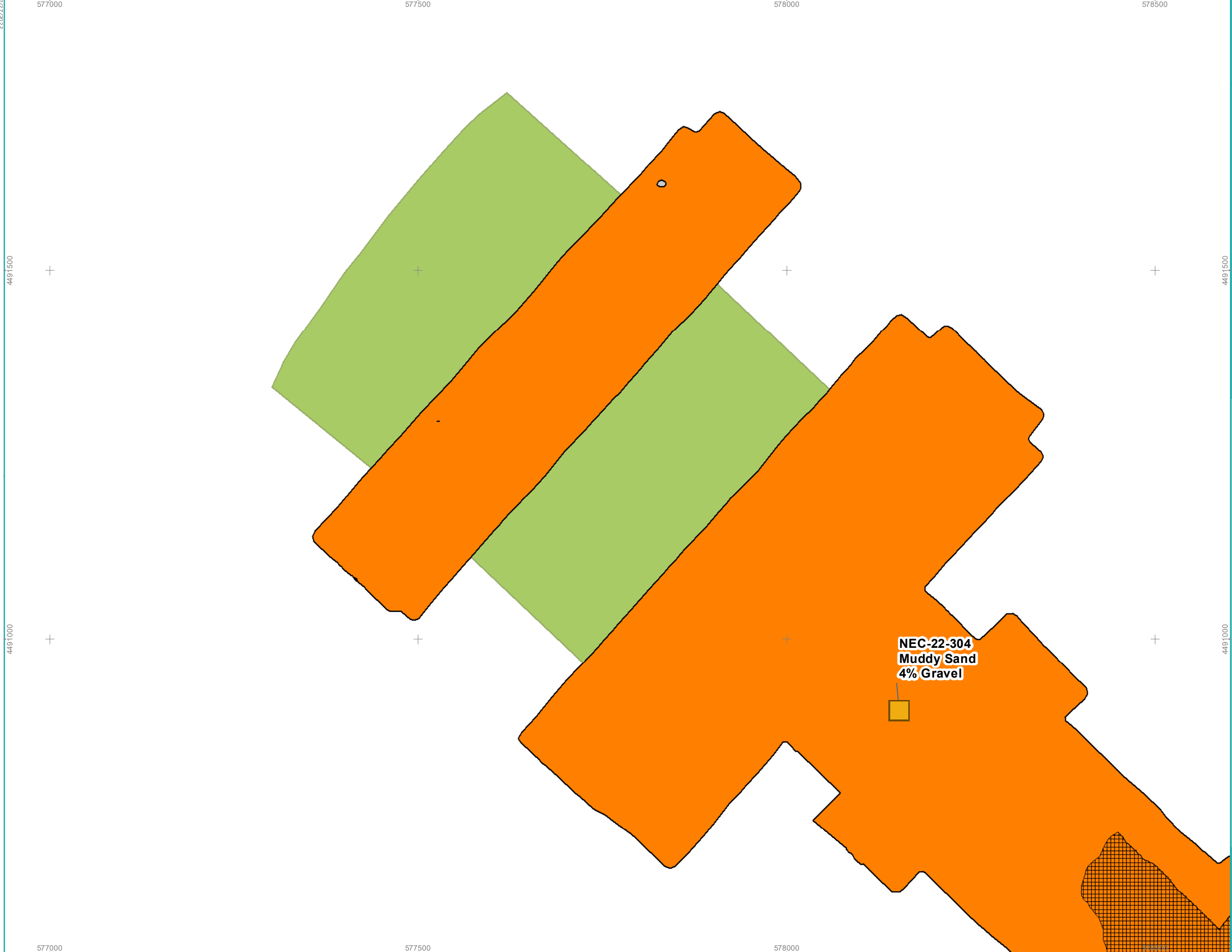
LEGEND

- Soft Bottom Station - Grab Sample
- Video Transect
- Ripple
- Dredging Activity
- Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 27

Northern Export Cable Corridor (ECC)
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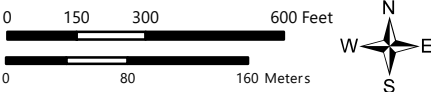
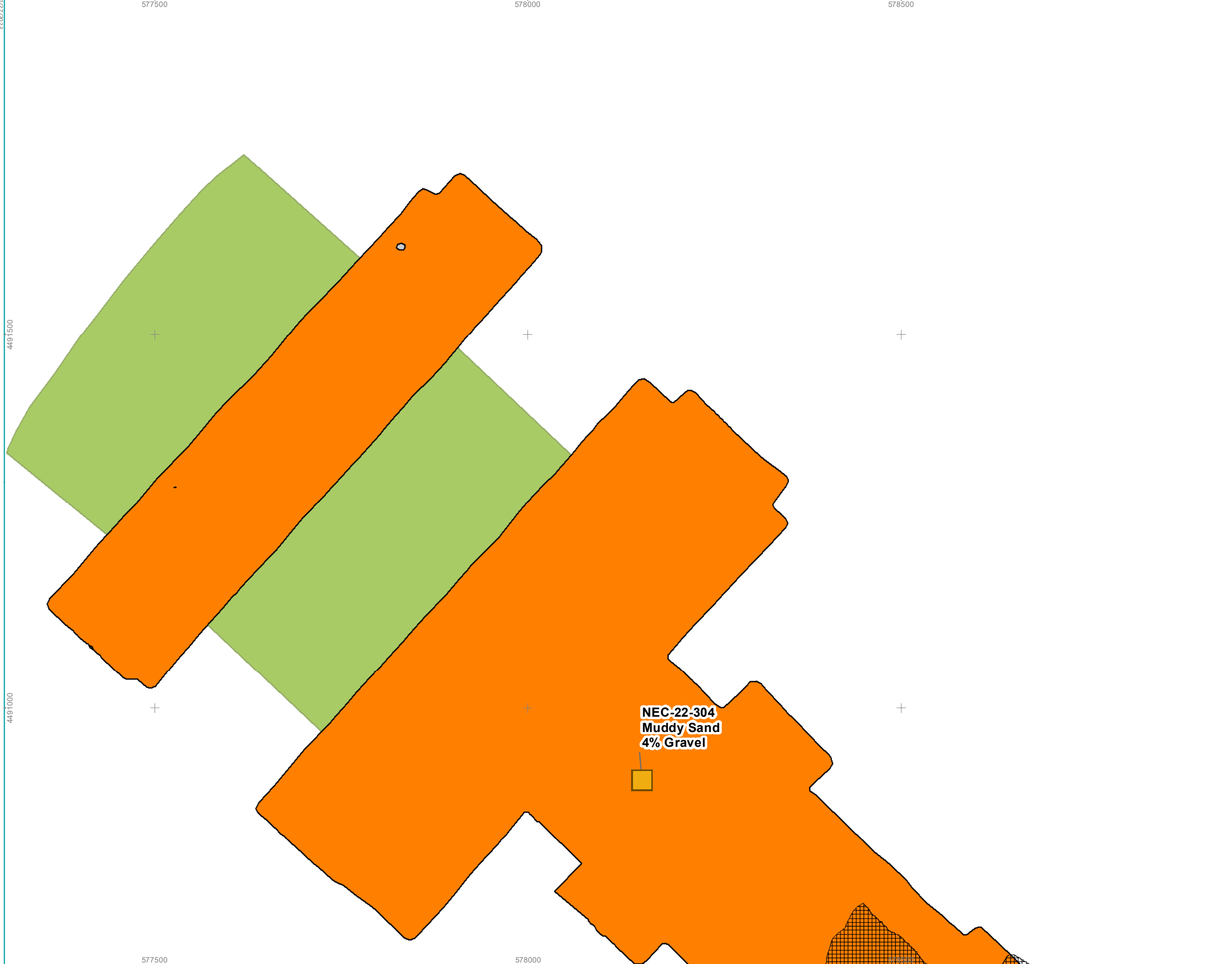


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Heavily Scarred Area
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 29

Northern Export Cable Corridor (ECC)
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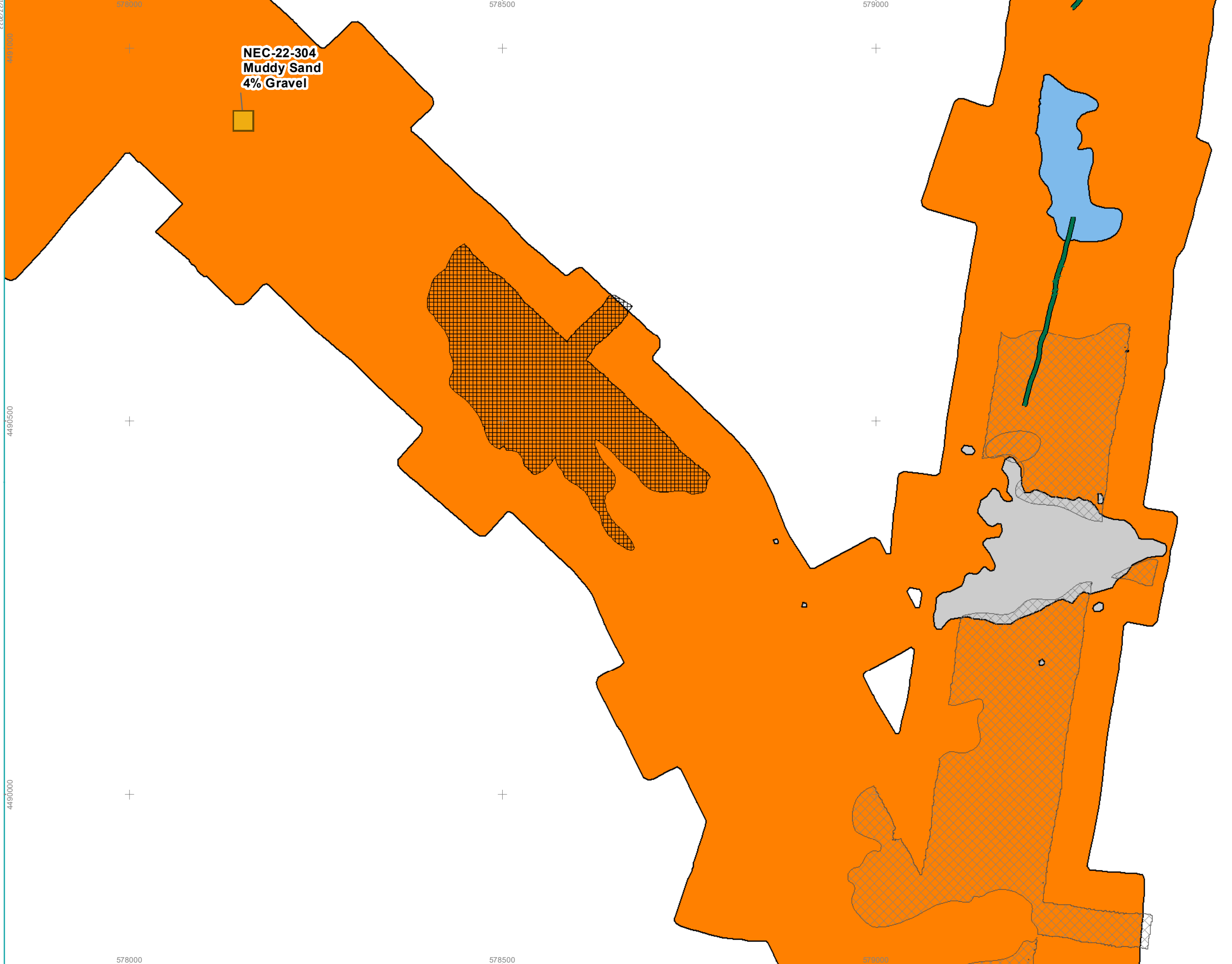
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - Grab Sample
-  HeavilyScarredArea
-  Complex Habitat
-  Soft Bottom Habitat
-  Northern Export Cable Corridor (ECC)

Figure 30

Northern Export Cable Corridor (ECC)
Slide 30 of 337



01500

0300

450

600

750

900

1050

0

150

300

450

600

Feet

0

80

160

Meters

N

E

S

W

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

Soft Bottom Station - Grab Sample

Video Transect

HeavilyScarredArea

Dredging Activity

Complex Habitat

Heterogeneous Complex Habitat

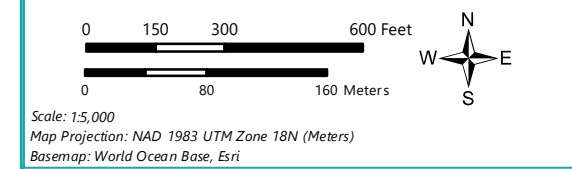
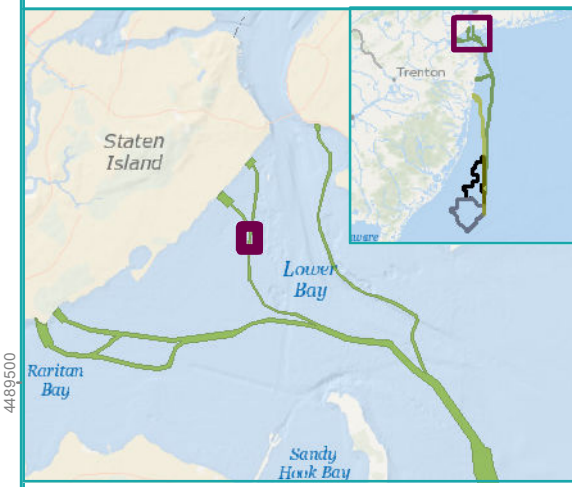
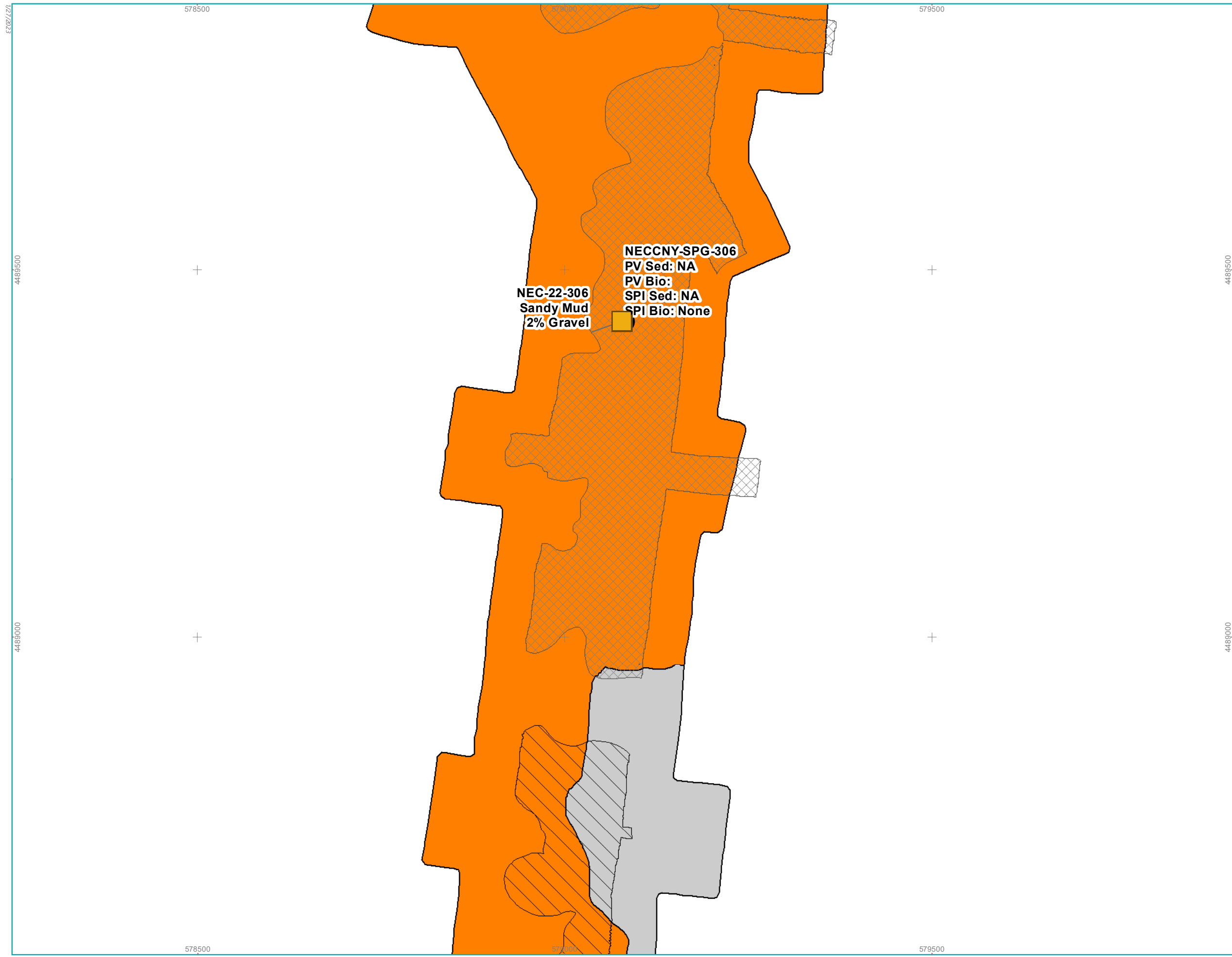
Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 31

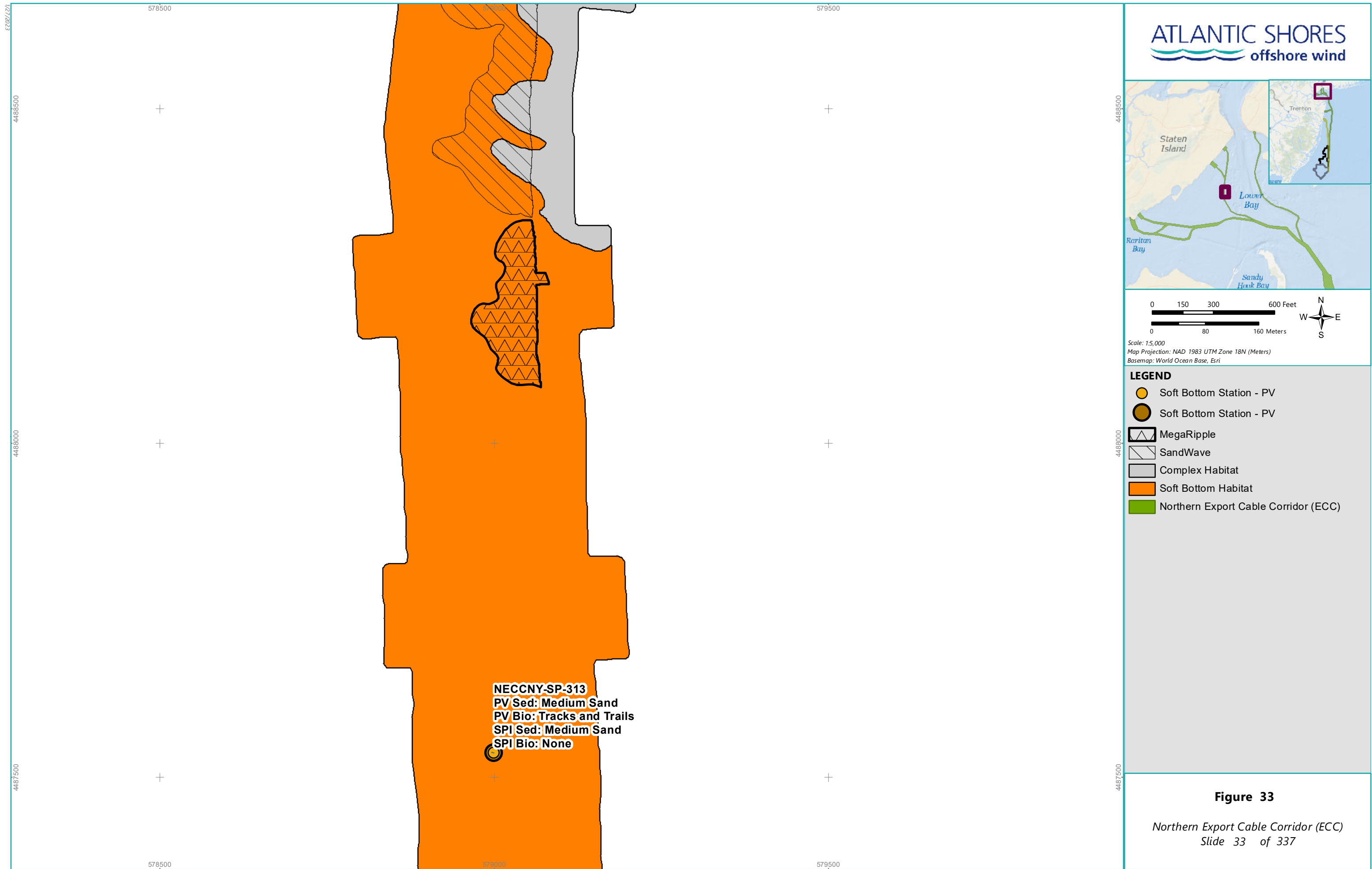
Northern Export Cable Corridor (ECC)

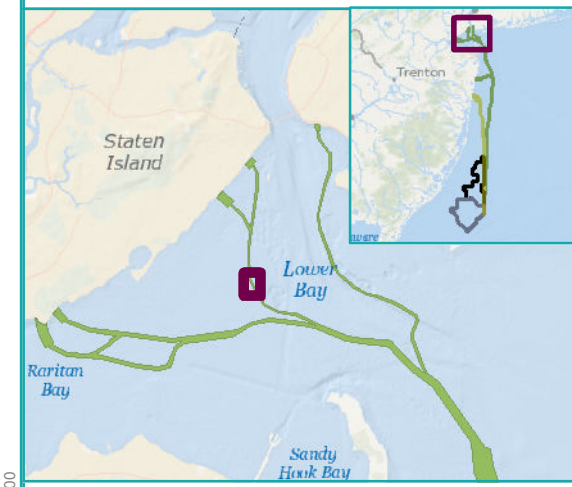
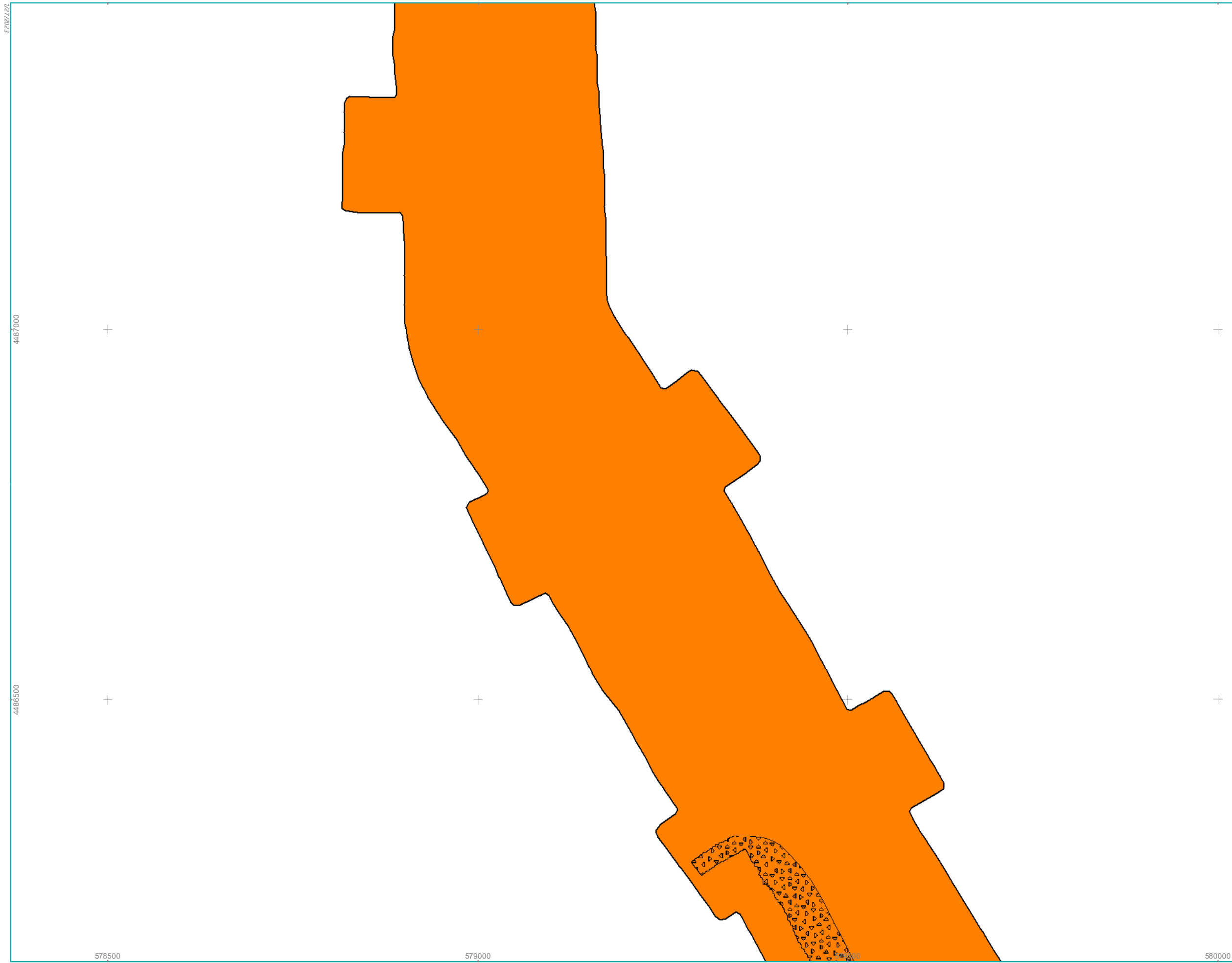
Slide 31 of 337



- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - SandWave
 - Dredging Activity
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 32





Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
-  Ripple
 -  Soft Bottom Habitat
 -  Northern Export Cable Corridor (ECC)

Figure 34

Northern Export Cable Corridor (ECC)
Slide 34 of 337



0150300600

Feet

080160

Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

Soft Bottom Station - PV

Soft Bottom Station - PV

Ripple

Complex Habitat

Heterogeneous Complex Habitat

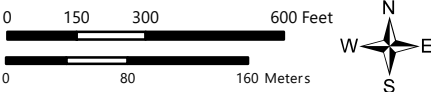
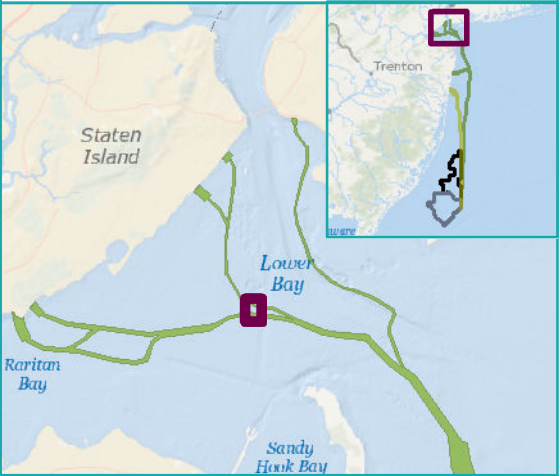
Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 35

Northern Export Cable Corridor (ECC)

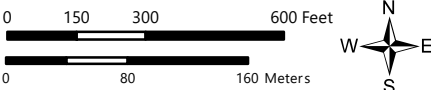
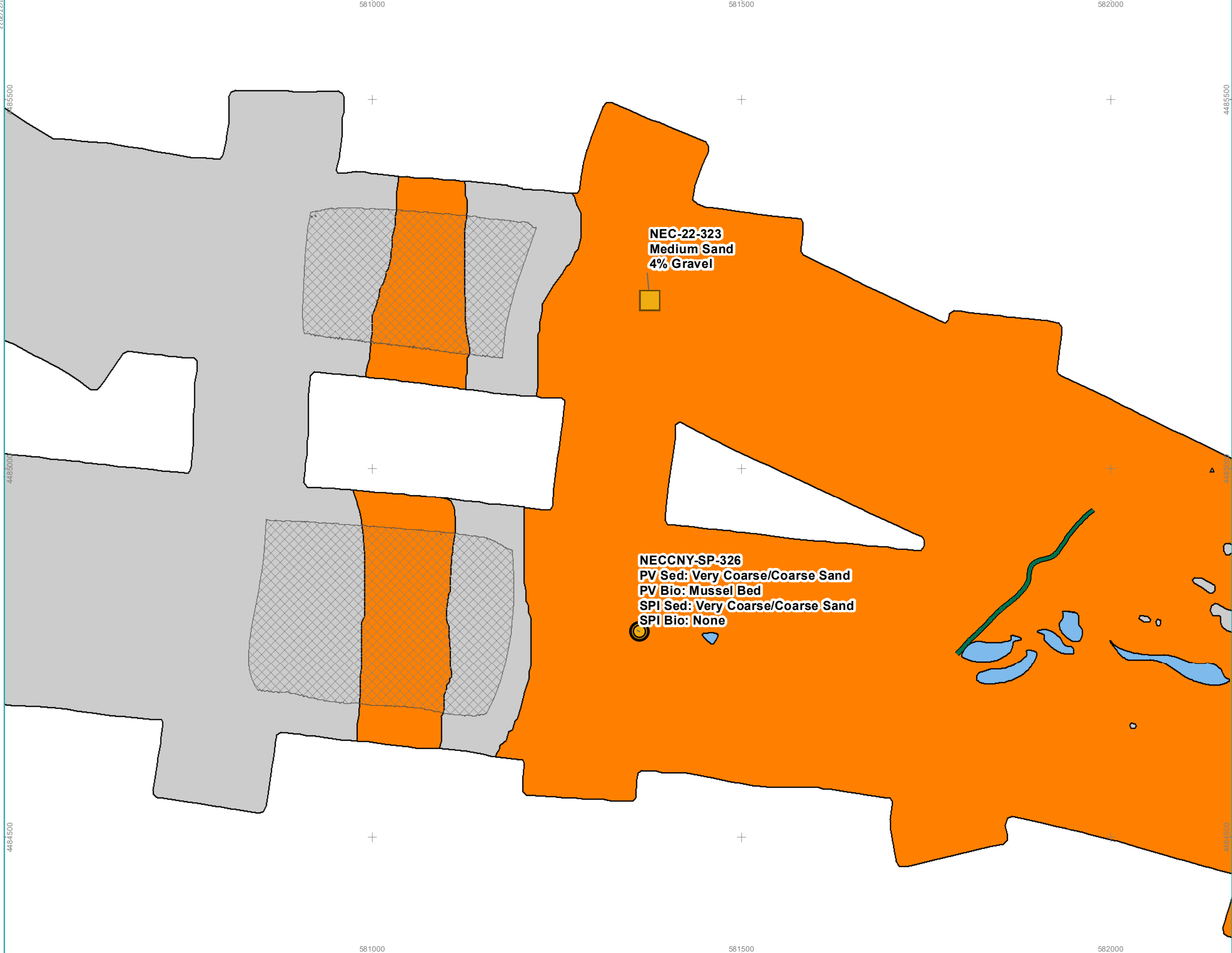
Slide 35 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

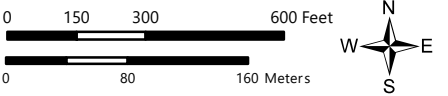
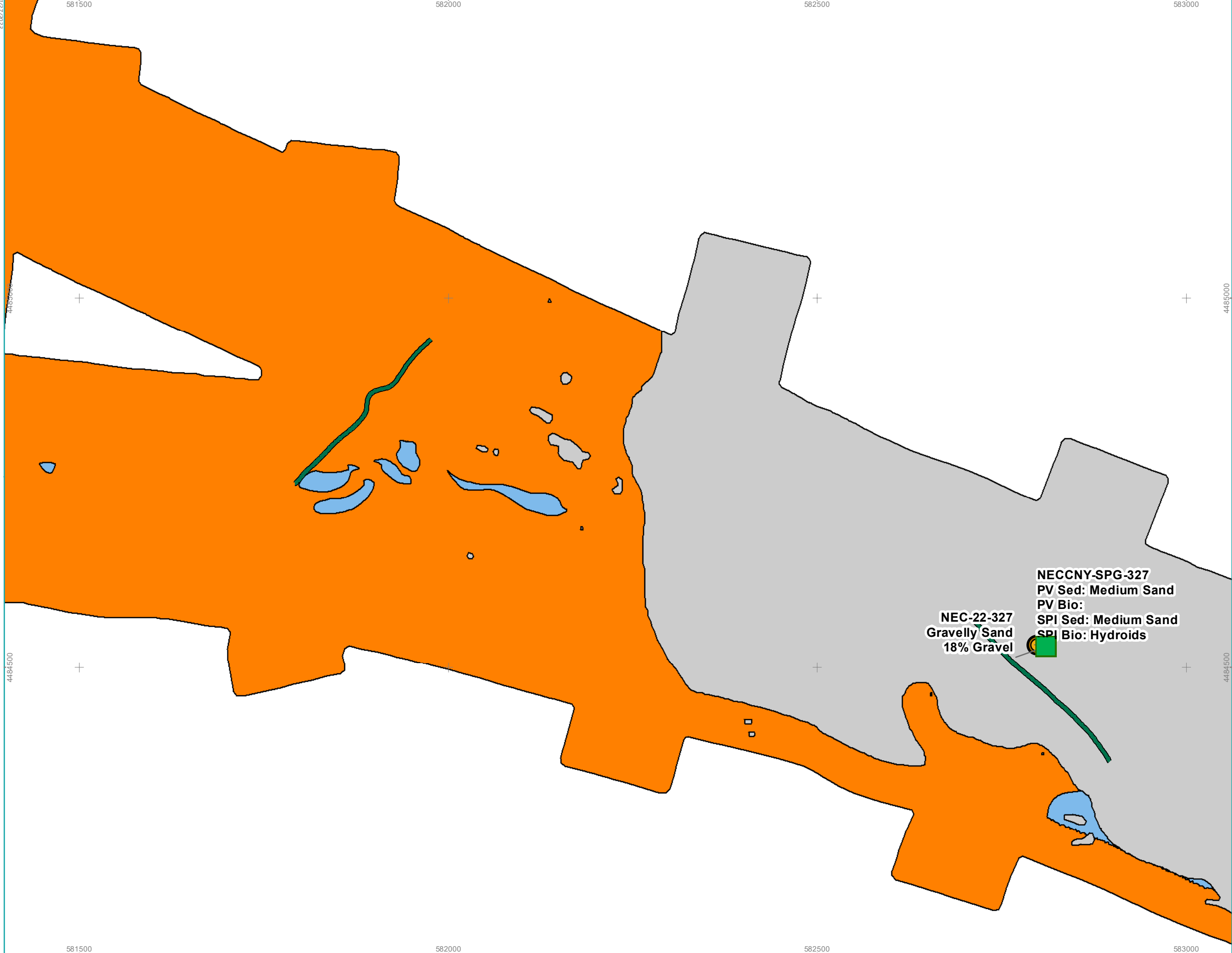
Figure 36



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - Video Transect
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 37

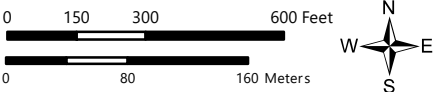


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 38

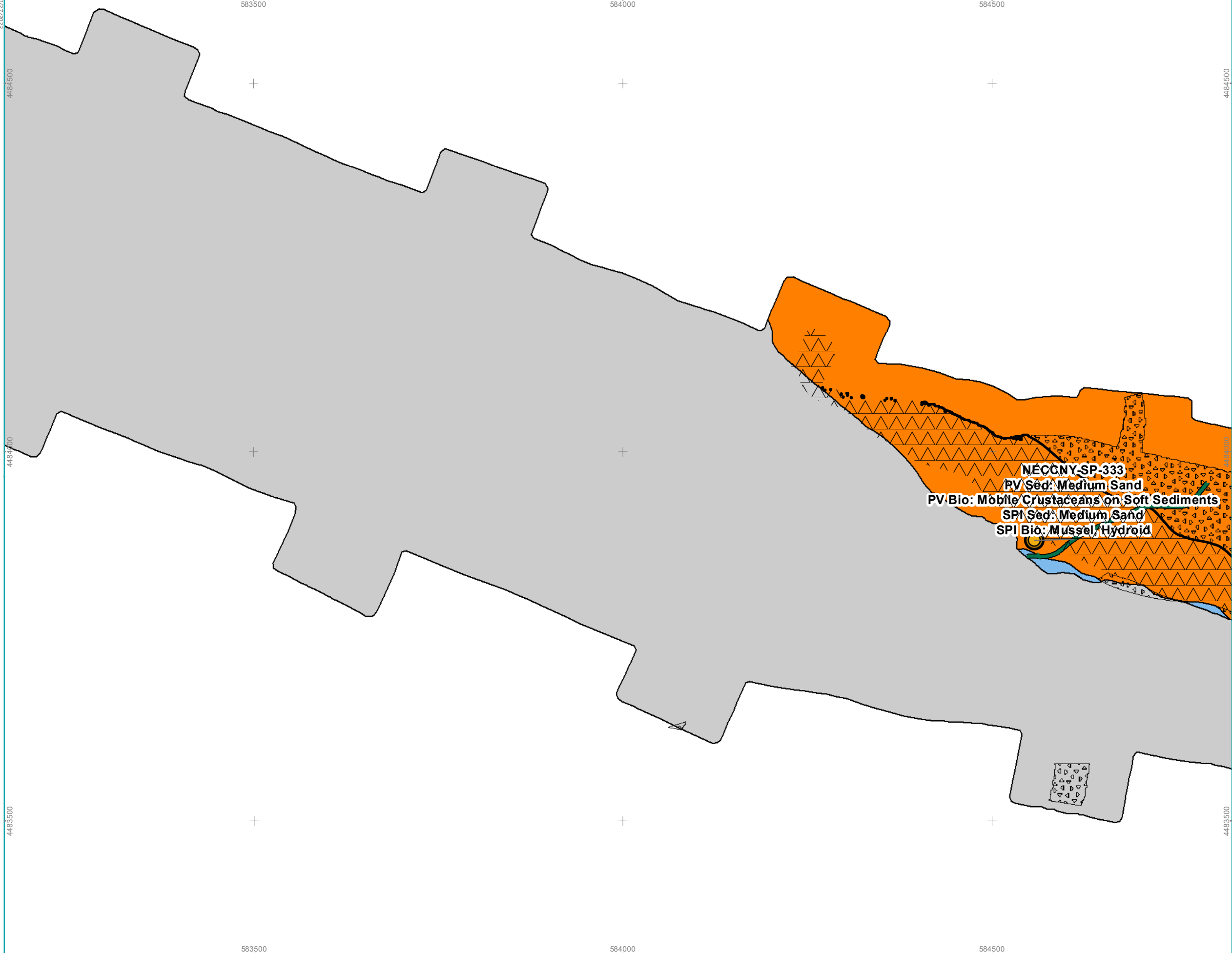
Northern Export Cable Corridor (ECC)
Slide 38 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 39







0150300600

Feet

080160

Meters



Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

●

Soft Bottom Station - PV

●

Soft Bottom Station - PV

—

Video Transect

▽

MegaRipple

▴

Ripple

▭

Complex Habitat

▭

Heterogeneous Complex Habitat

▭

Soft Bottom Habitat

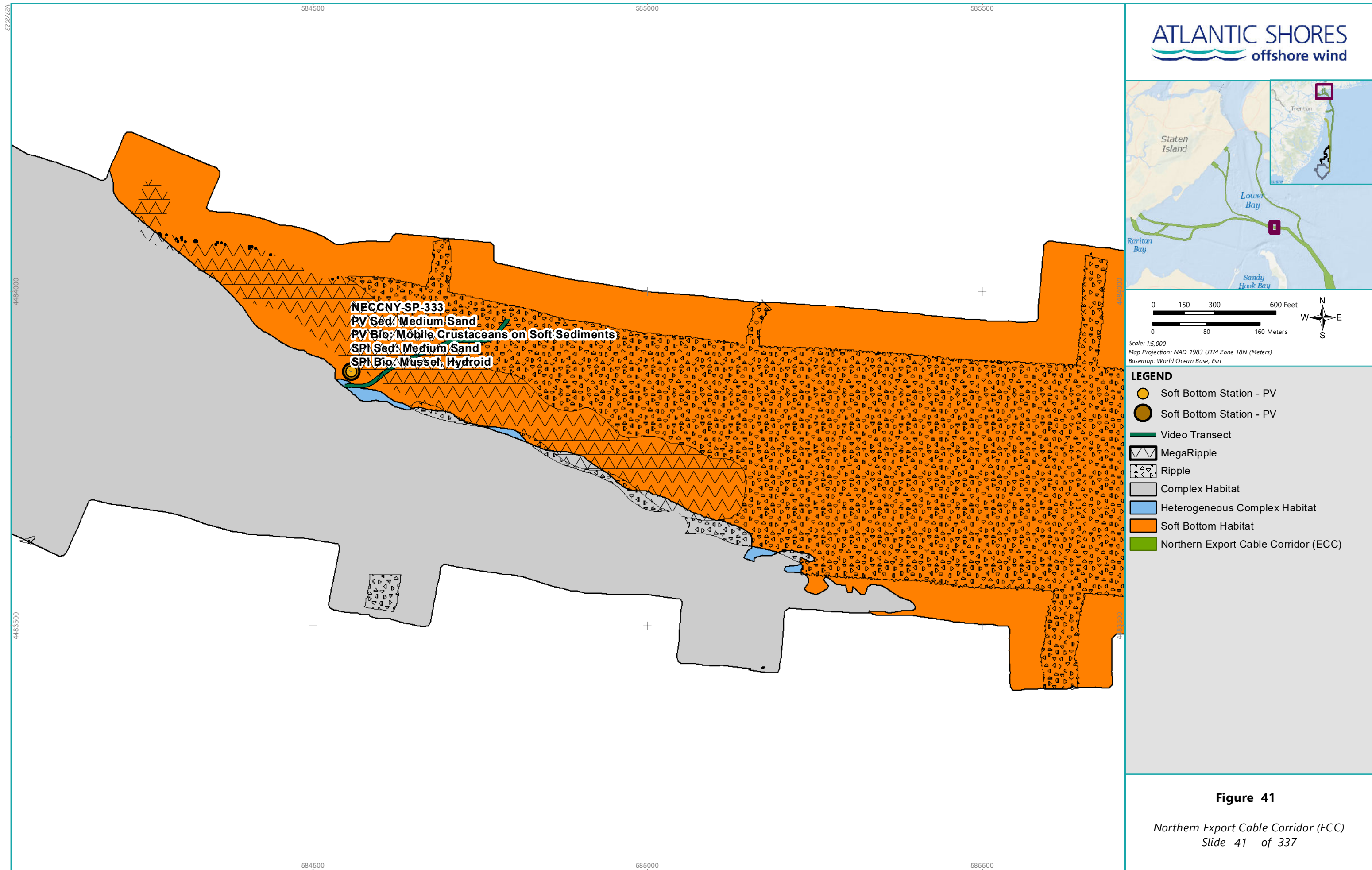
▭

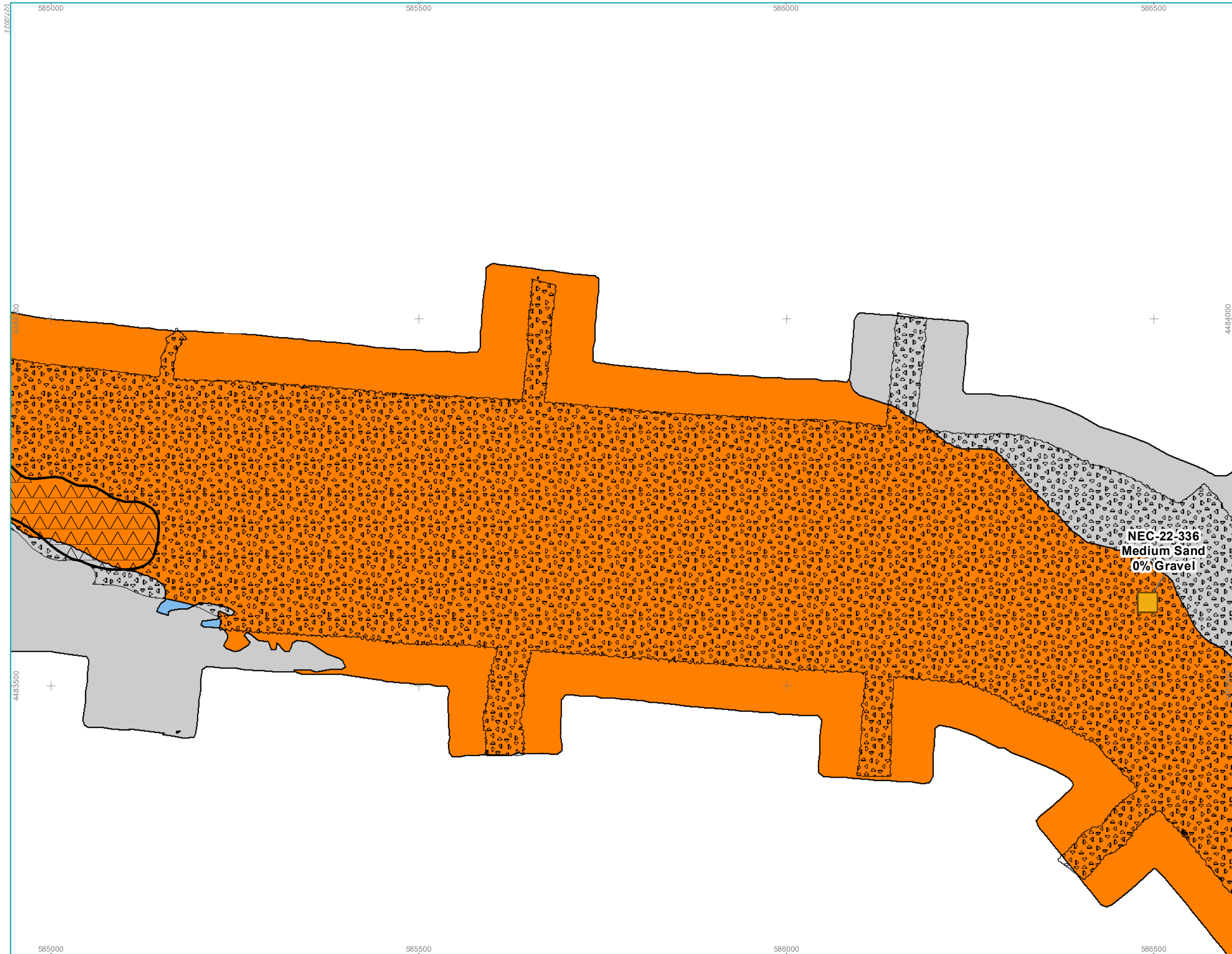
Northern Export Cable Corridor (ECC)

Figure 40

Northern Export Cable Corridor (ECC)

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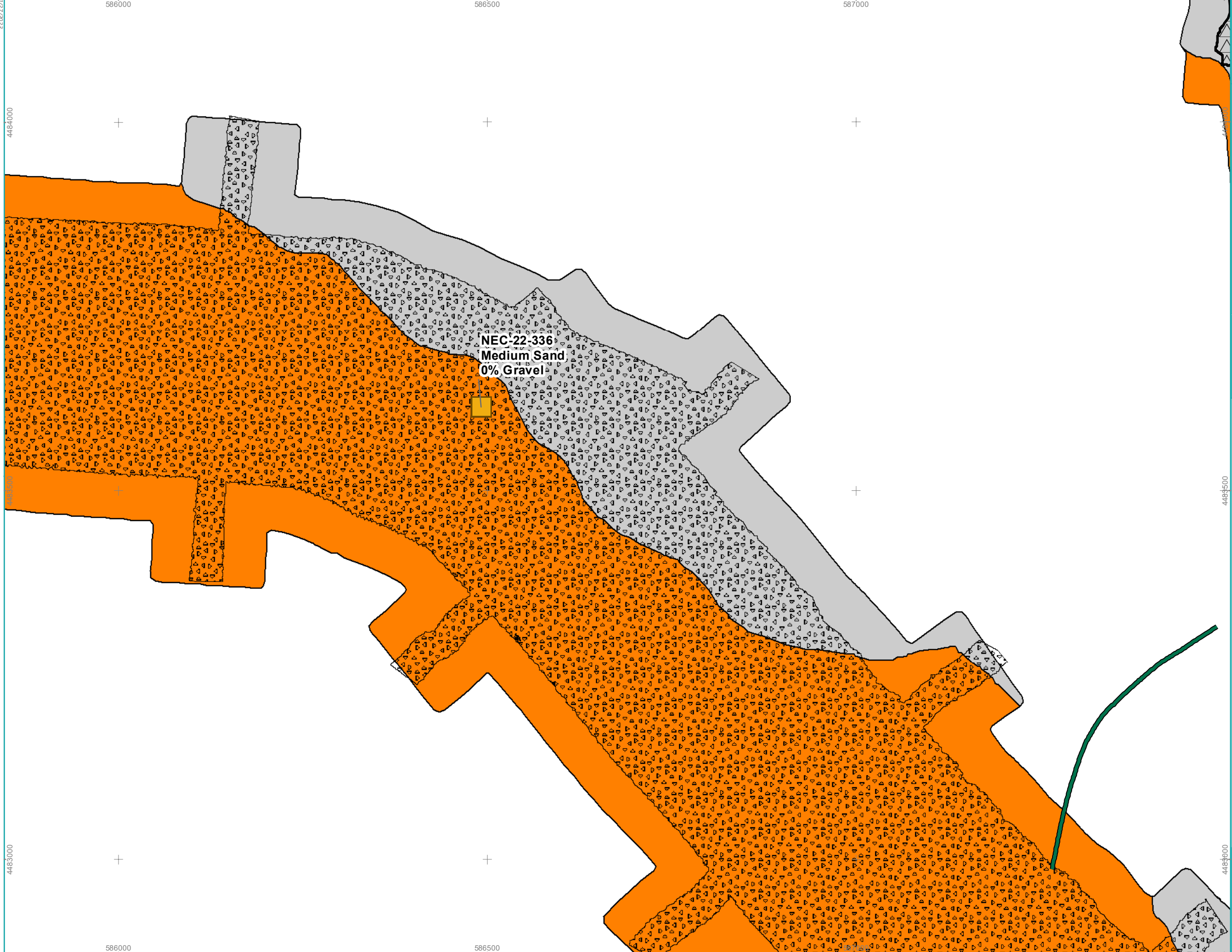


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - MegaRipple
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 42

Northern Export Cable Corridor (ECC)
Slide 42 of 337



0150300600 Feet

080160 Meters

Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

Soft Bottom Station - Grab Sample

Video Transect

MegaRipple

Ripple

Complex Habitat

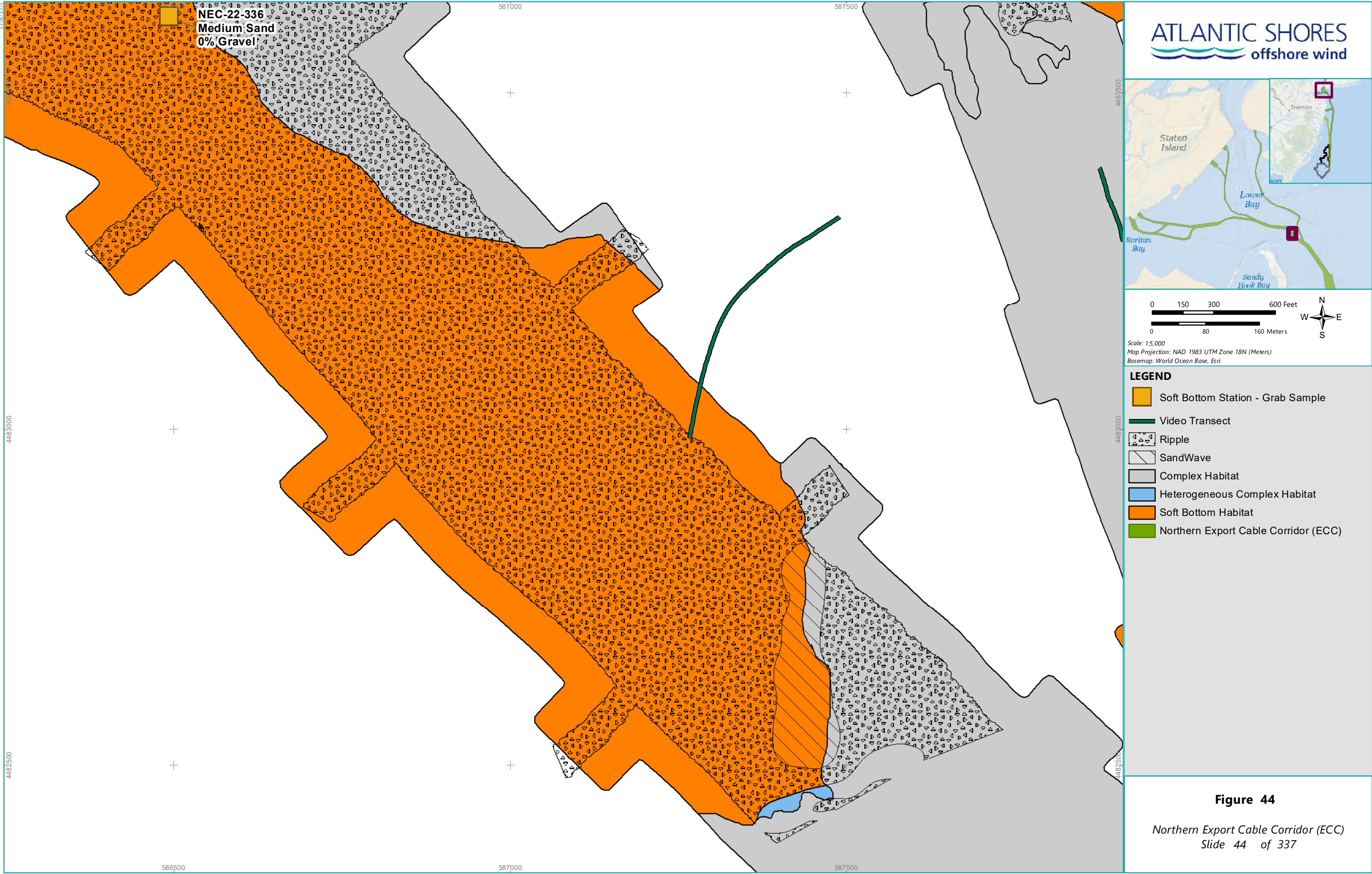
Soft Bottom Habitat

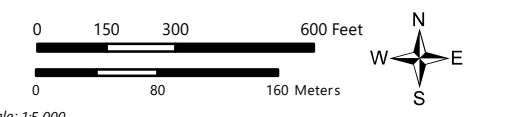
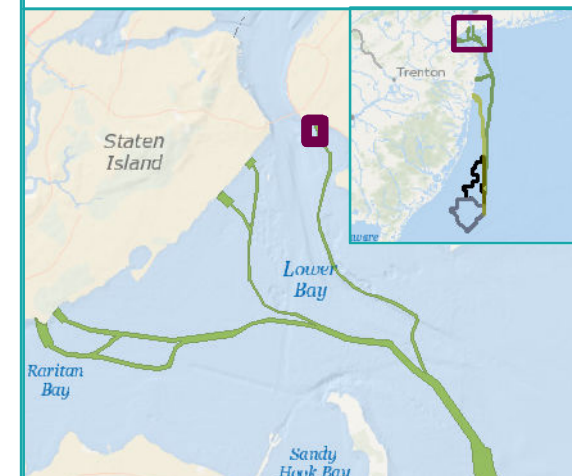
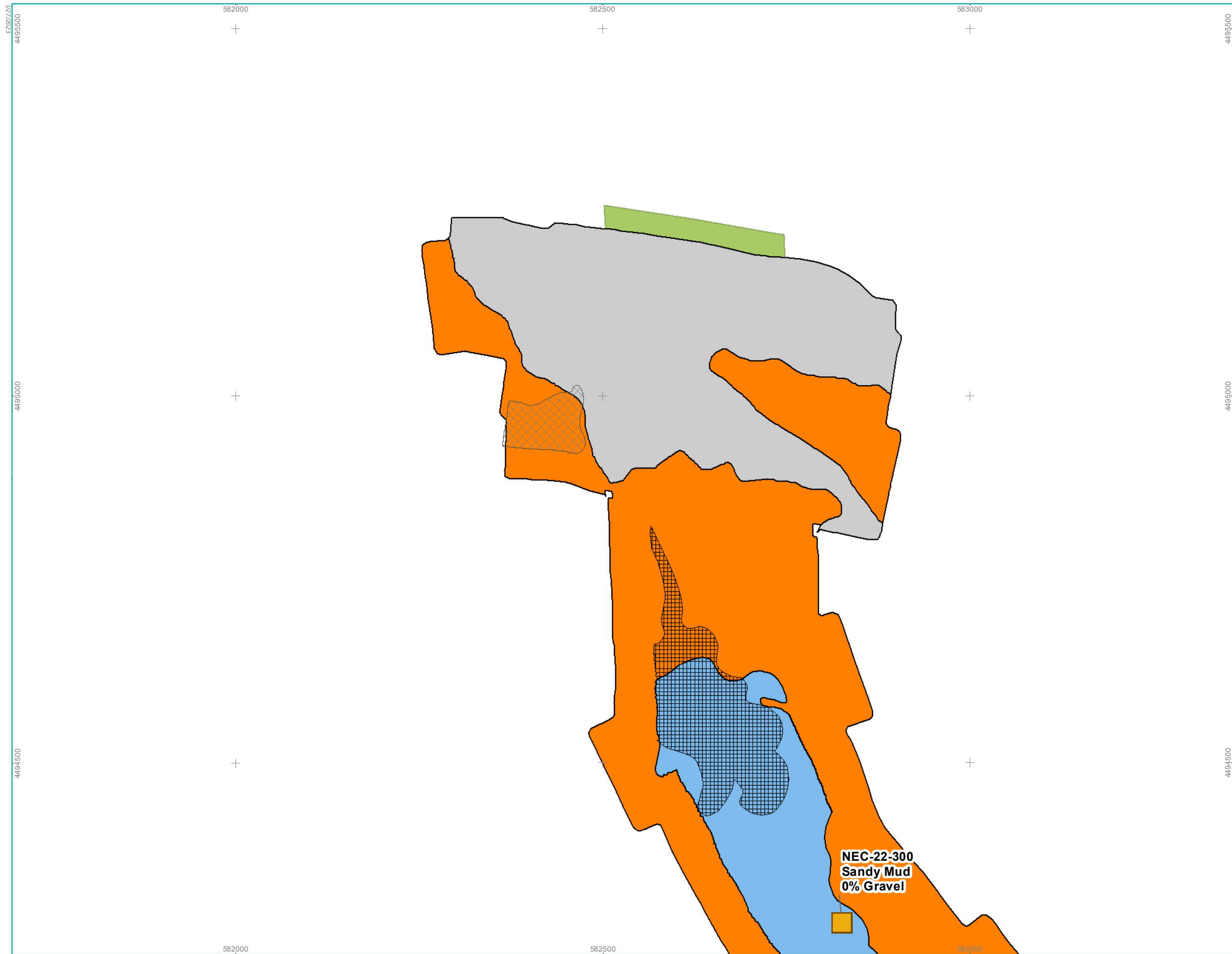
Northern Export Cable Corridor (ECC)

Figure 43

Northern Export Cable Corridor (ECC)

Slide 43 of 337





Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- HeavilyScarredArea
- Dredging Activity
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 46

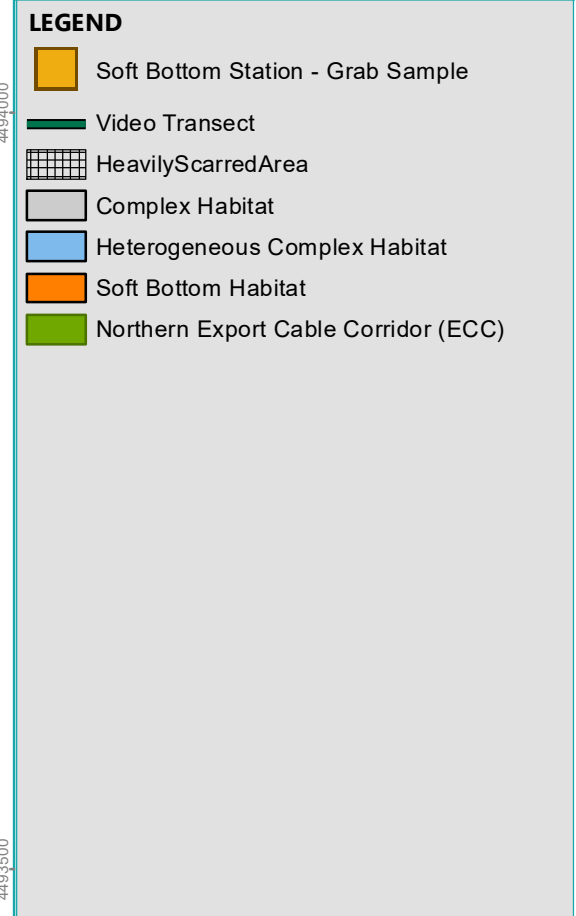
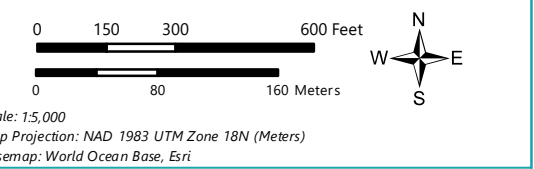
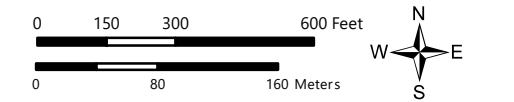
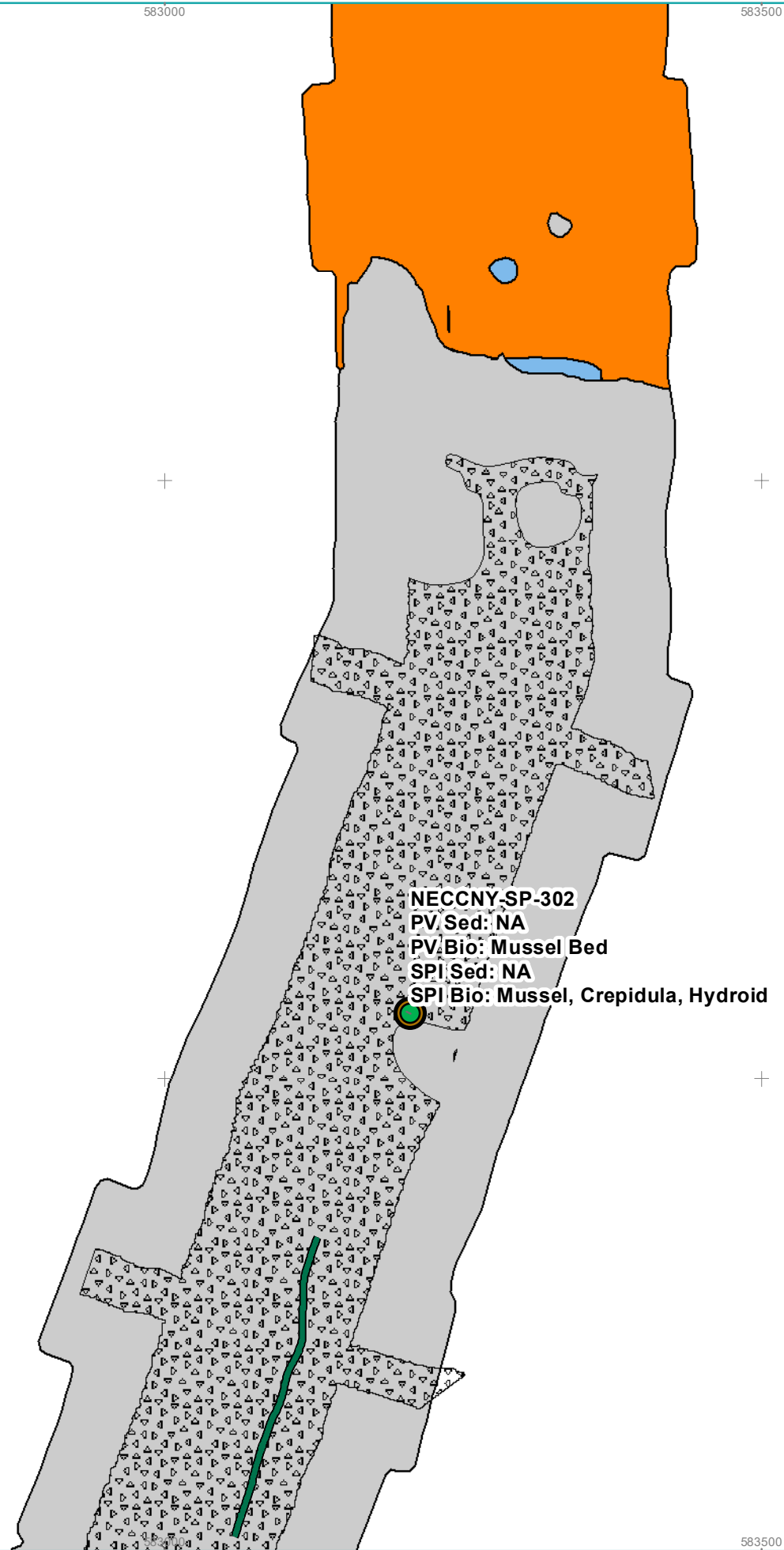


Figure 47



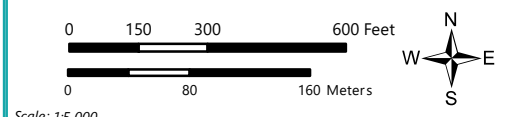
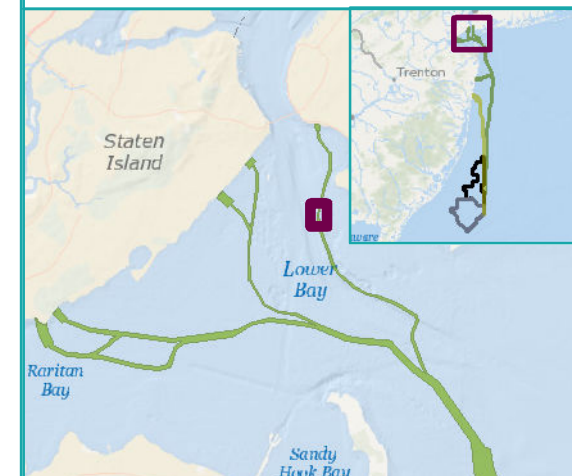
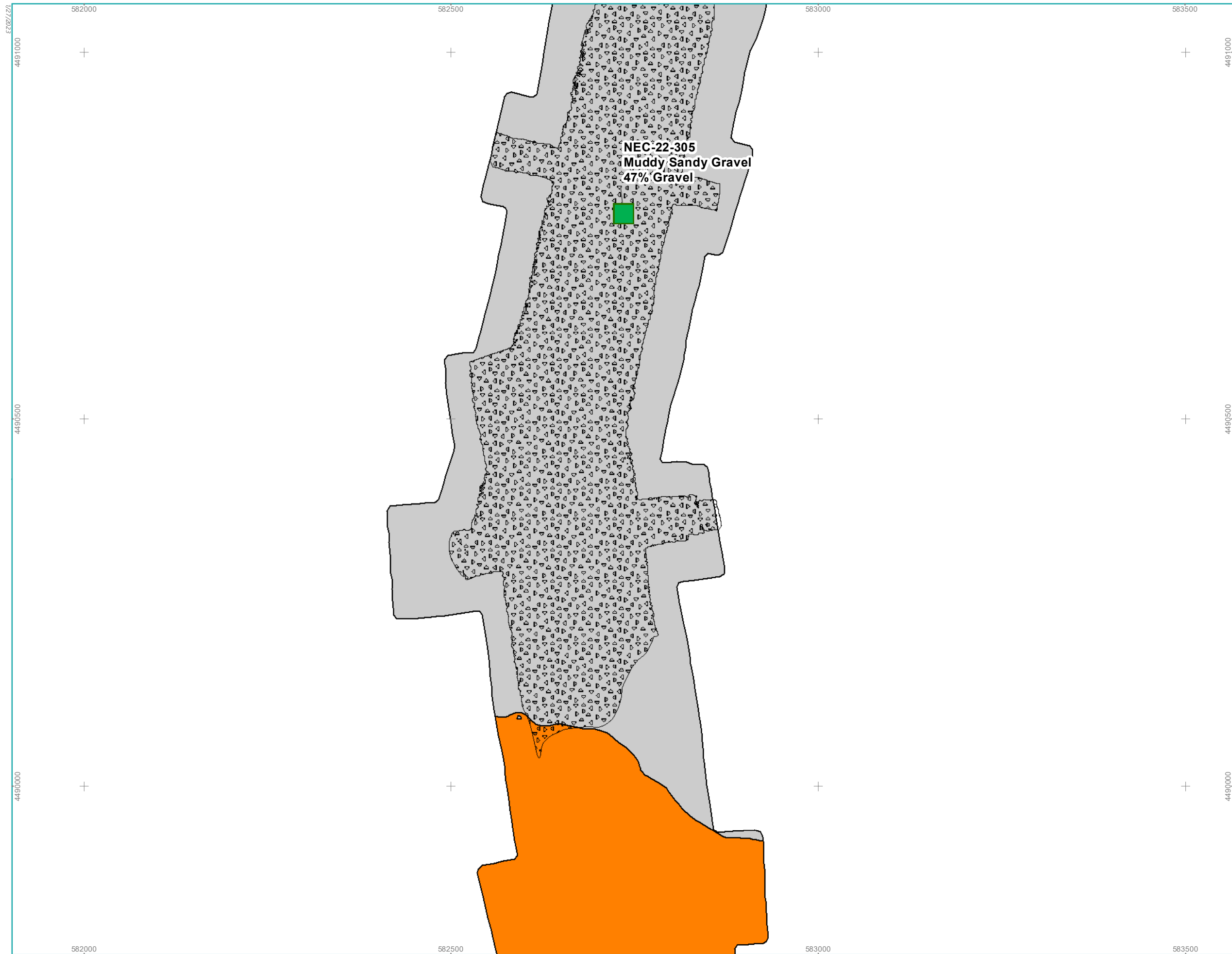
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 48

Northern Export Cable Corridor (ECC)
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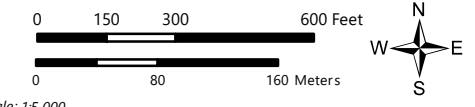
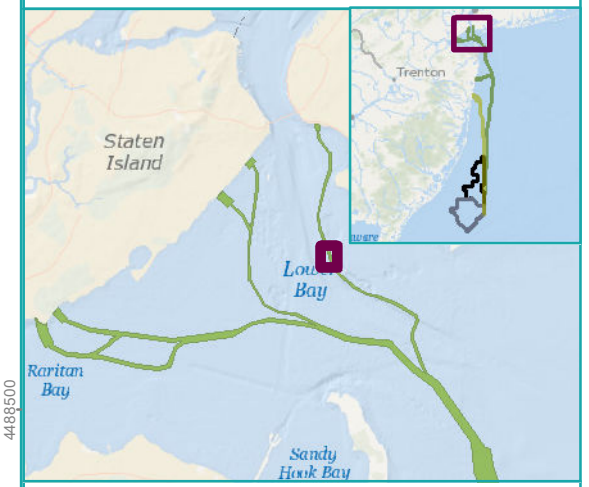
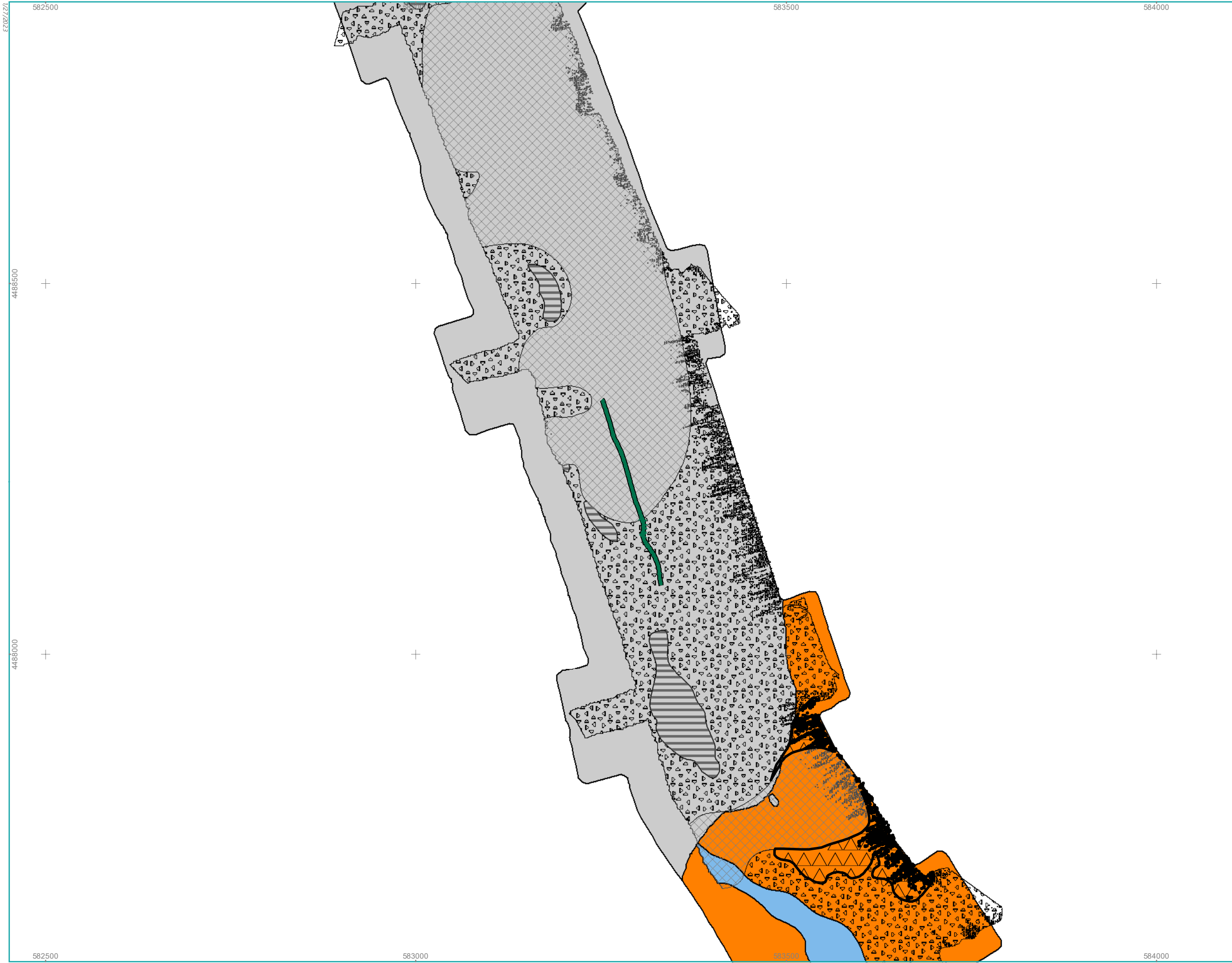




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

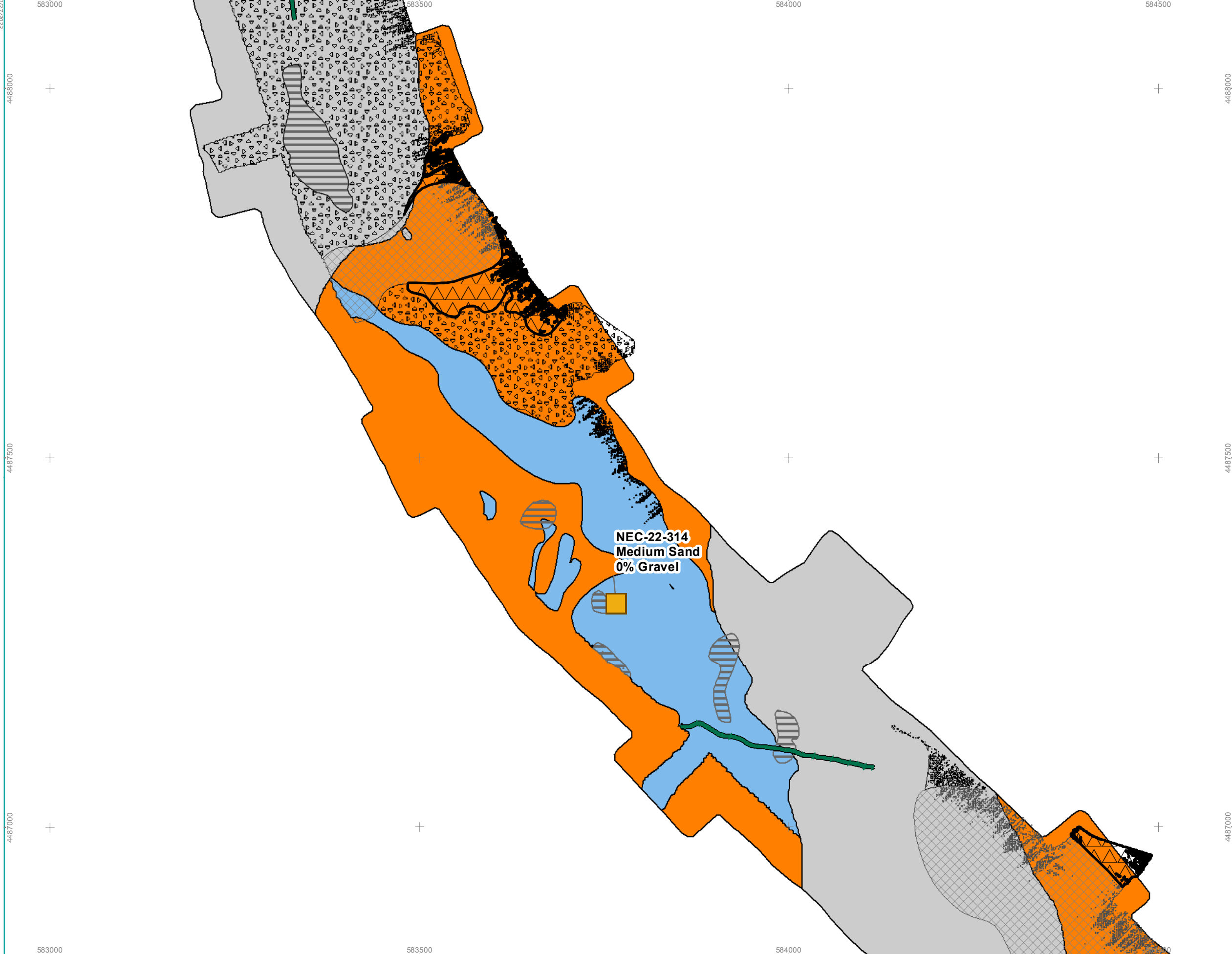
Figure 50



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 52



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Video Transect
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 53



0150300600

Feet

080160

Meters

N

W

E

S

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

●

Soft Bottom Station - PV

●

Soft Bottom Station - PV

■

Soft Bottom Station - Grab Sample

—

Video Transect

▤

MegaRipple

▤

Ripple

▤

LocalizedReliefFeature

▤

Dredging Activity

▤

Complex Habitat

▤

Heterogeneous Complex Habitat

▤

Soft Bottom Habitat

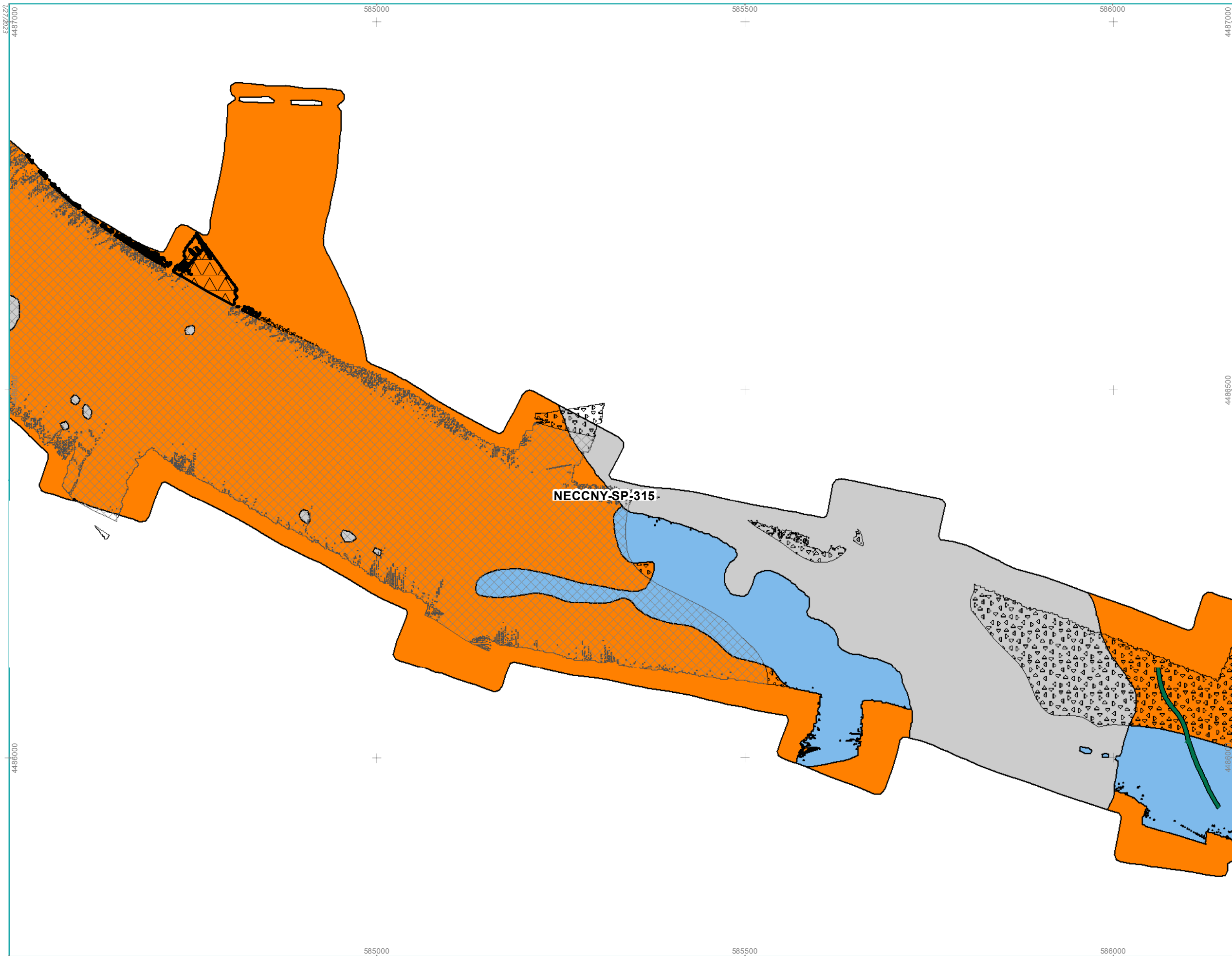
▤

Northern Export Cable Corridor (ECC)

Figure 54

Northern Export Cable Corridor (ECC)

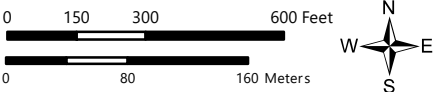
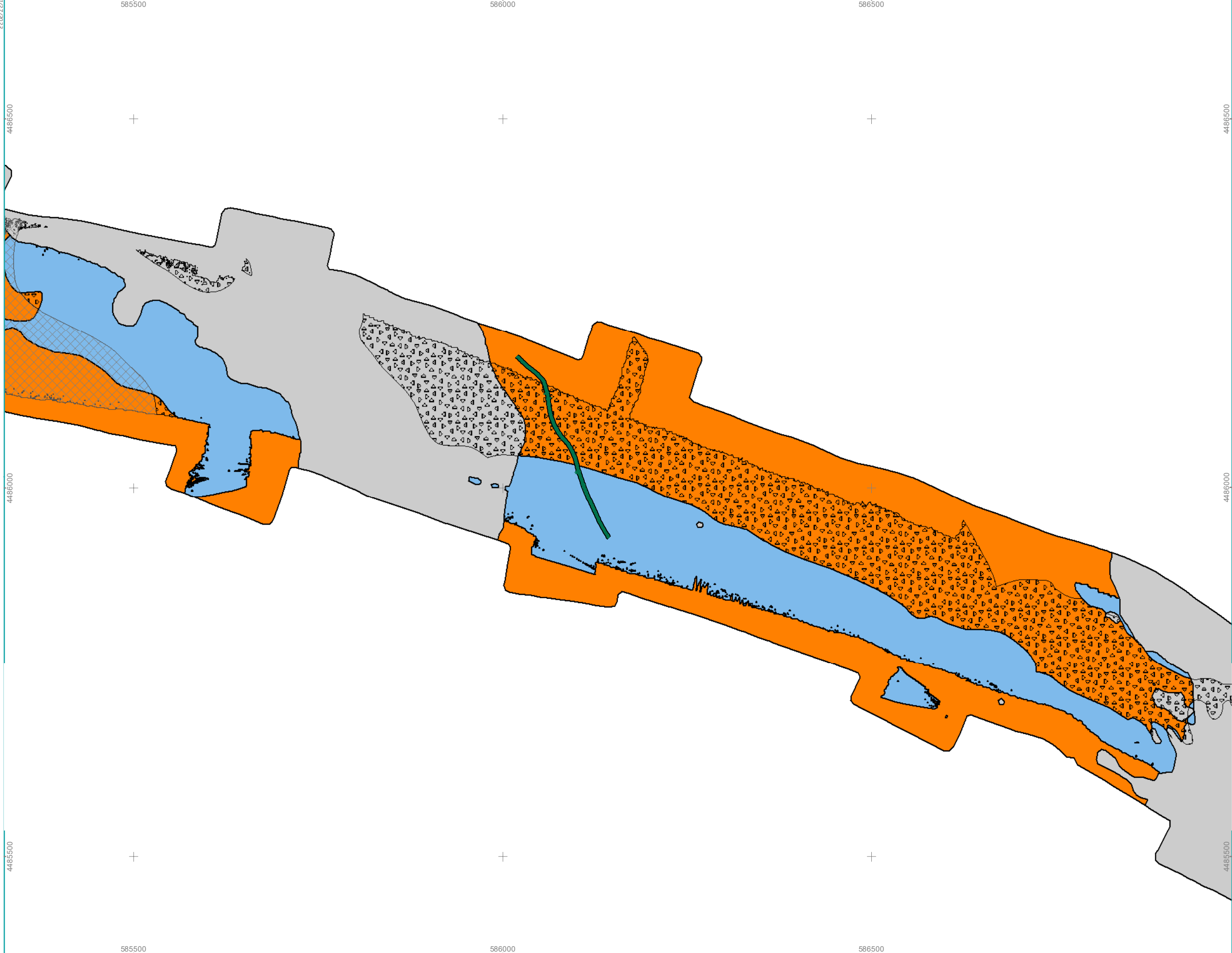
Slide 54 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

Figure 55

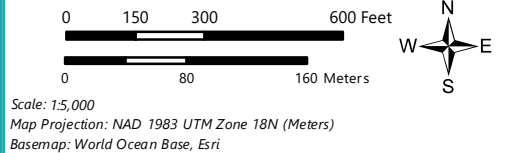
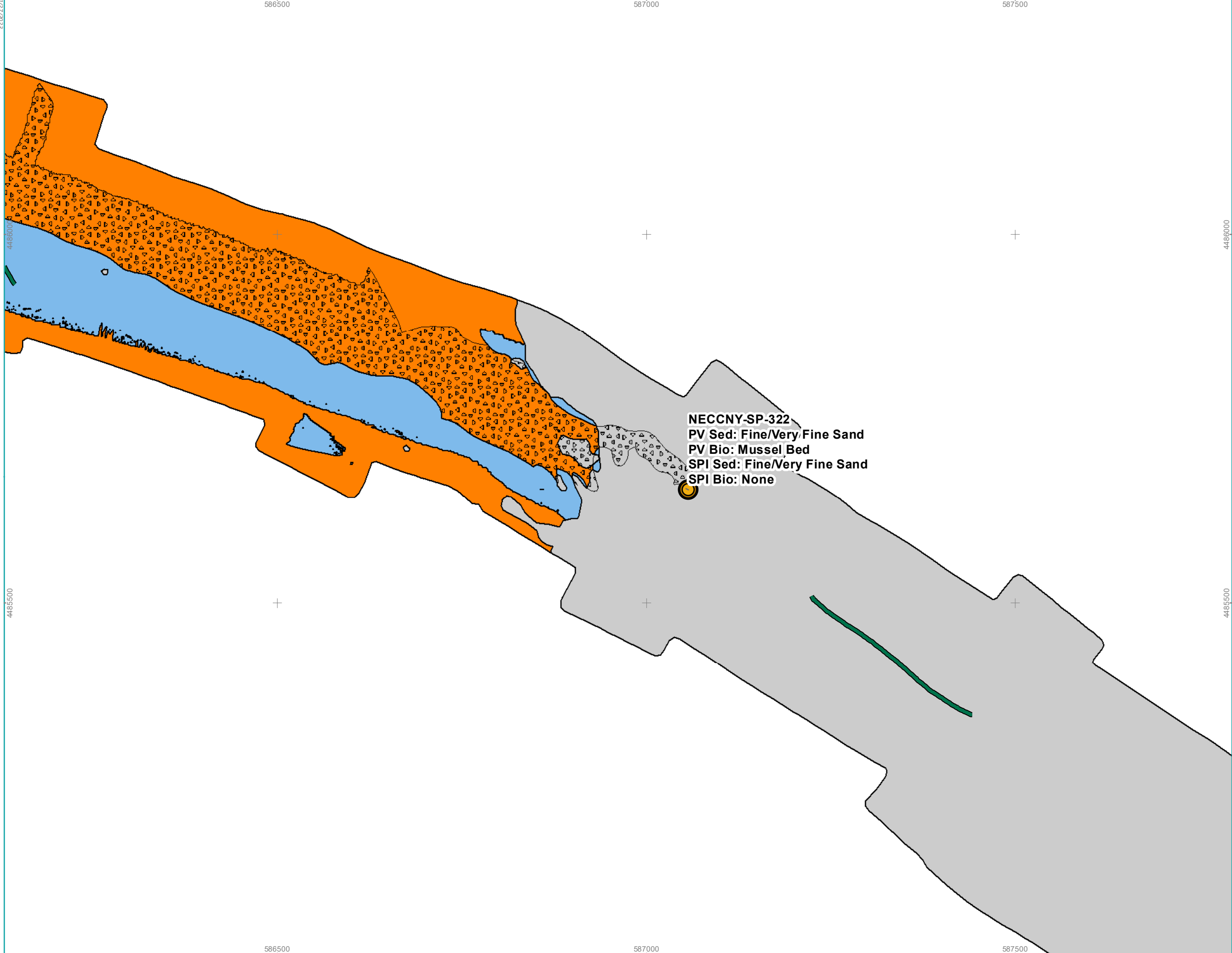
Northern Export Cable Corridor (ECC)
Slide 55 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 56

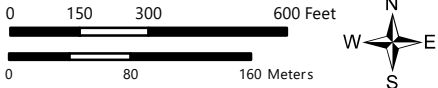
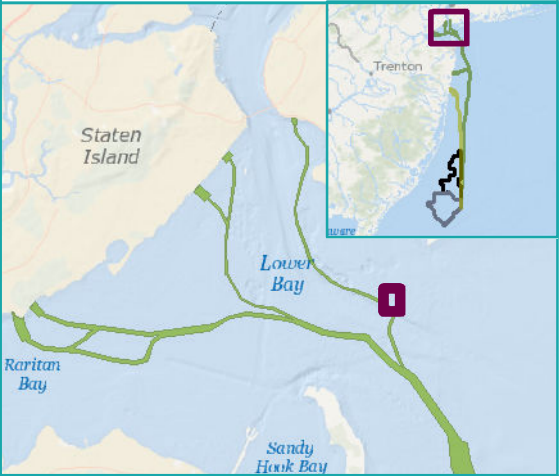


- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 57



NECCNY-SP-322
PV Sed: Fine/Very Fine Sand
PV Bio: Mussel Bed
SPI Sed: Fine/Very Fine Sand
SPI Bio: None



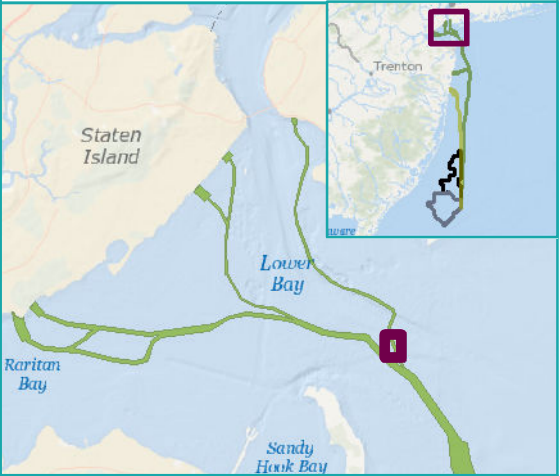
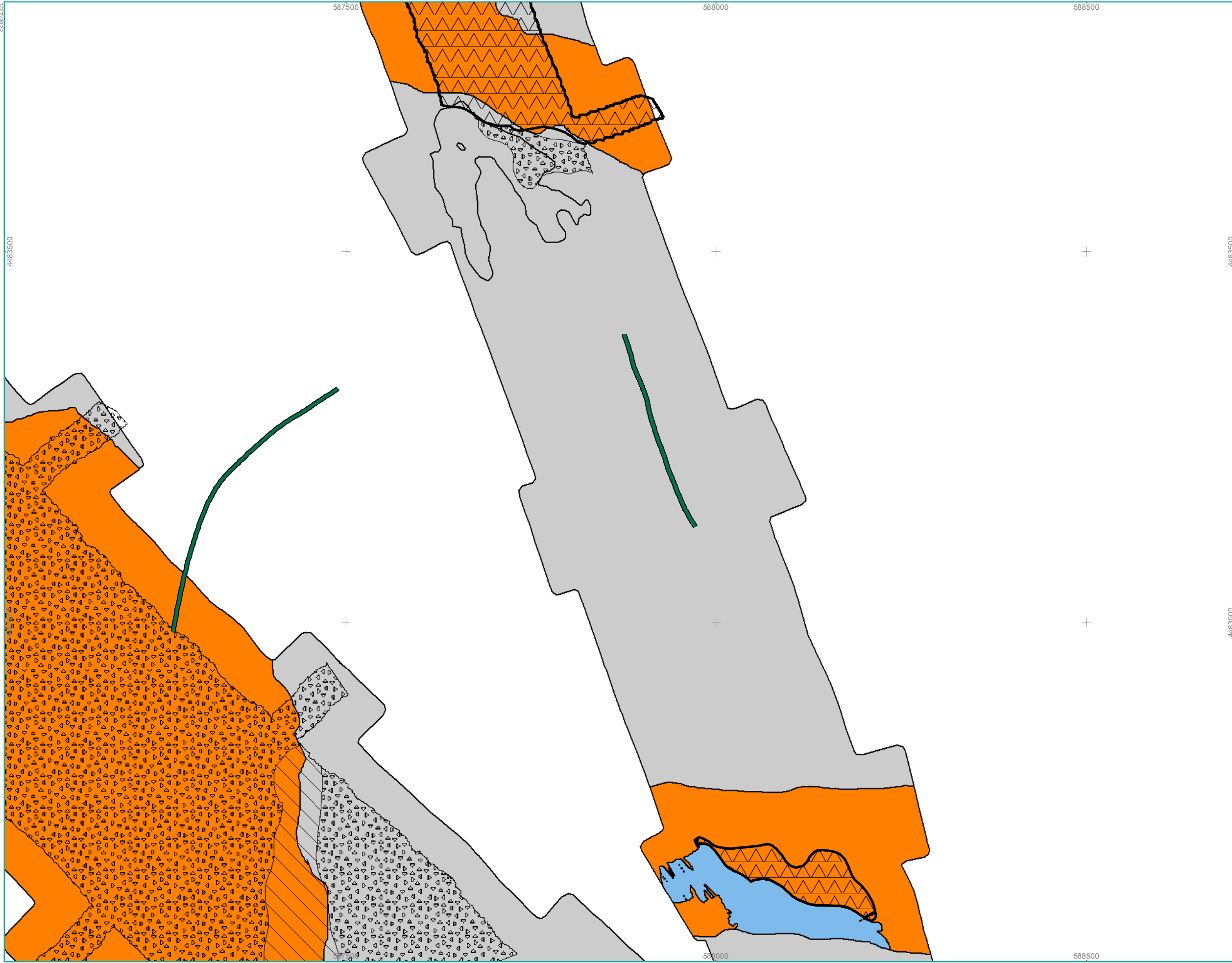
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - Dredging Activity
 - Complex Habitat
 - Northern Export Cable Corridor (ECC)

Figure 58

Northern Export Cable Corridor (ECC)
Slide 58 of 337





Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - MegaRipple
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 60

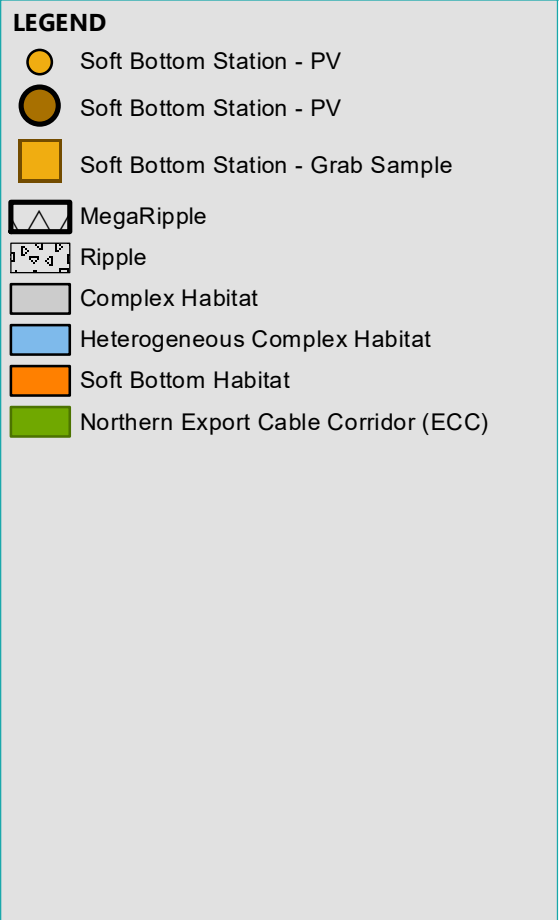
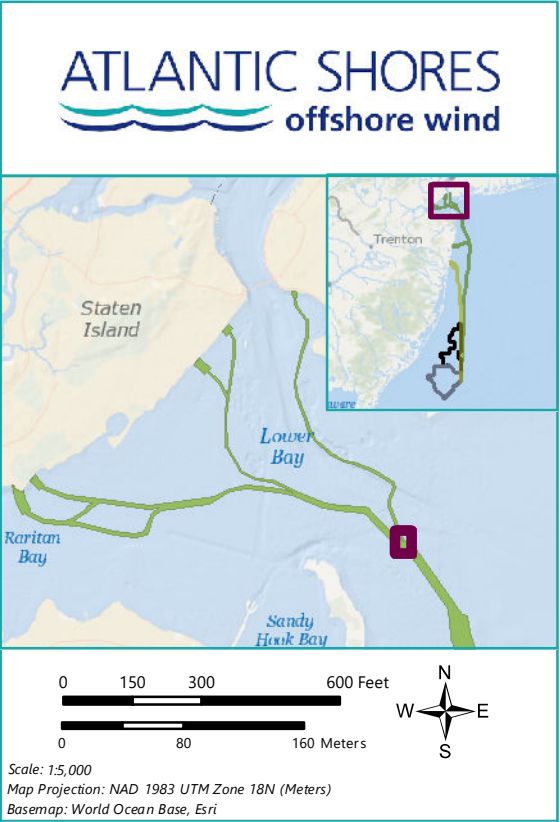
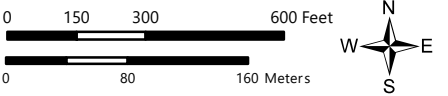
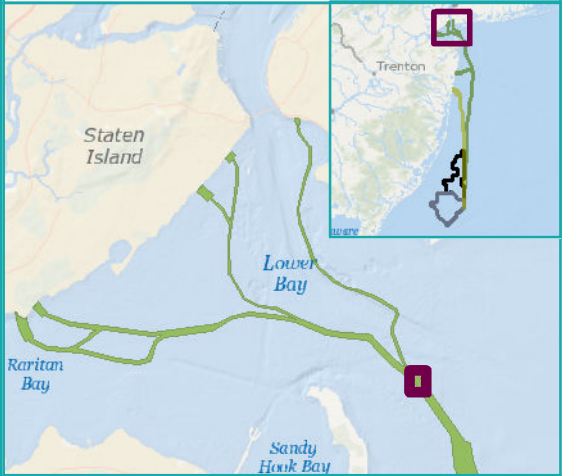
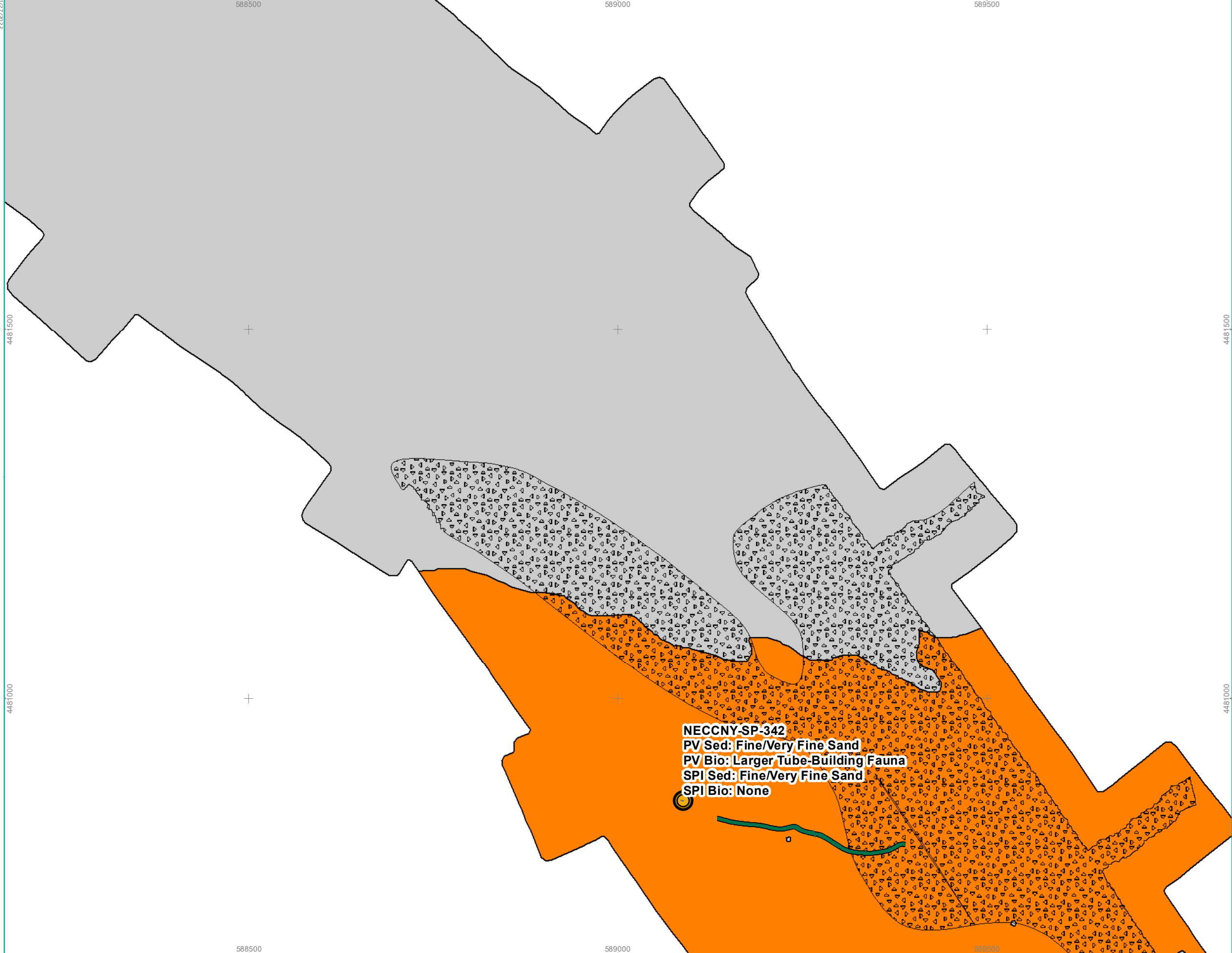


Figure 61
Northern Export Cable Corridor (ECC)
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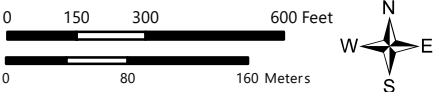
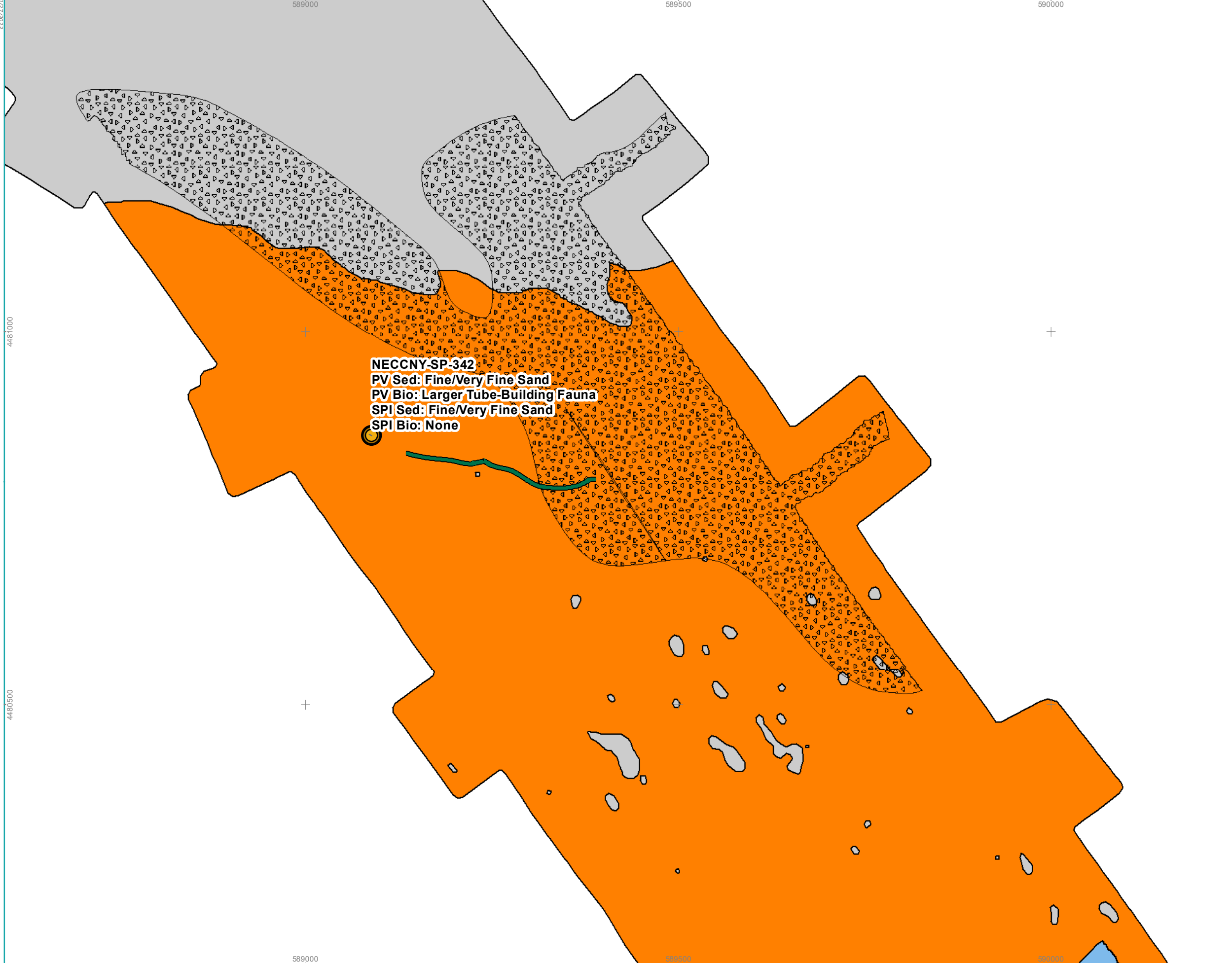


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 62

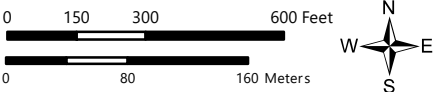
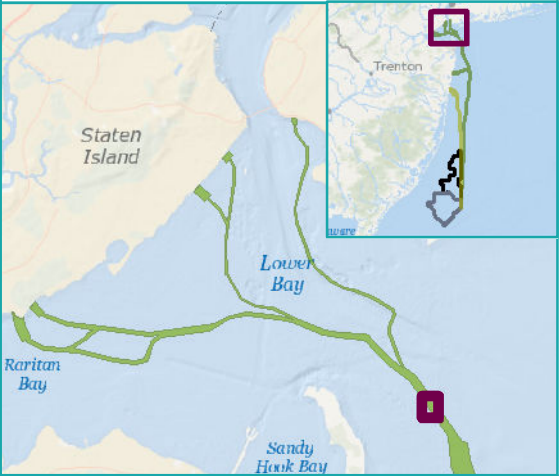
Northern Export Cable Corridor (ECC)
Slide 62 of 337



Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 63



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Video Transect
- Ripple
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 64

Northern Export Cable Corridor (ECC)
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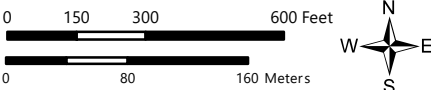
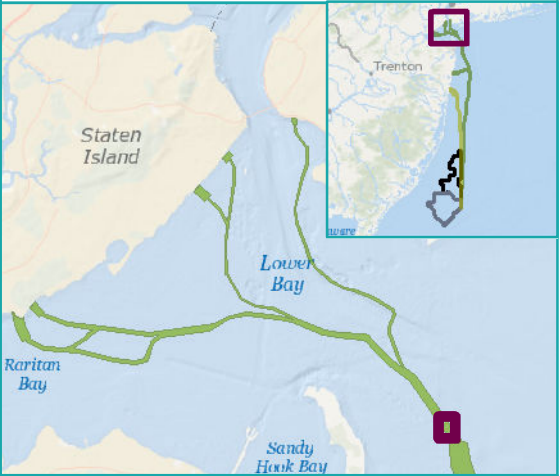
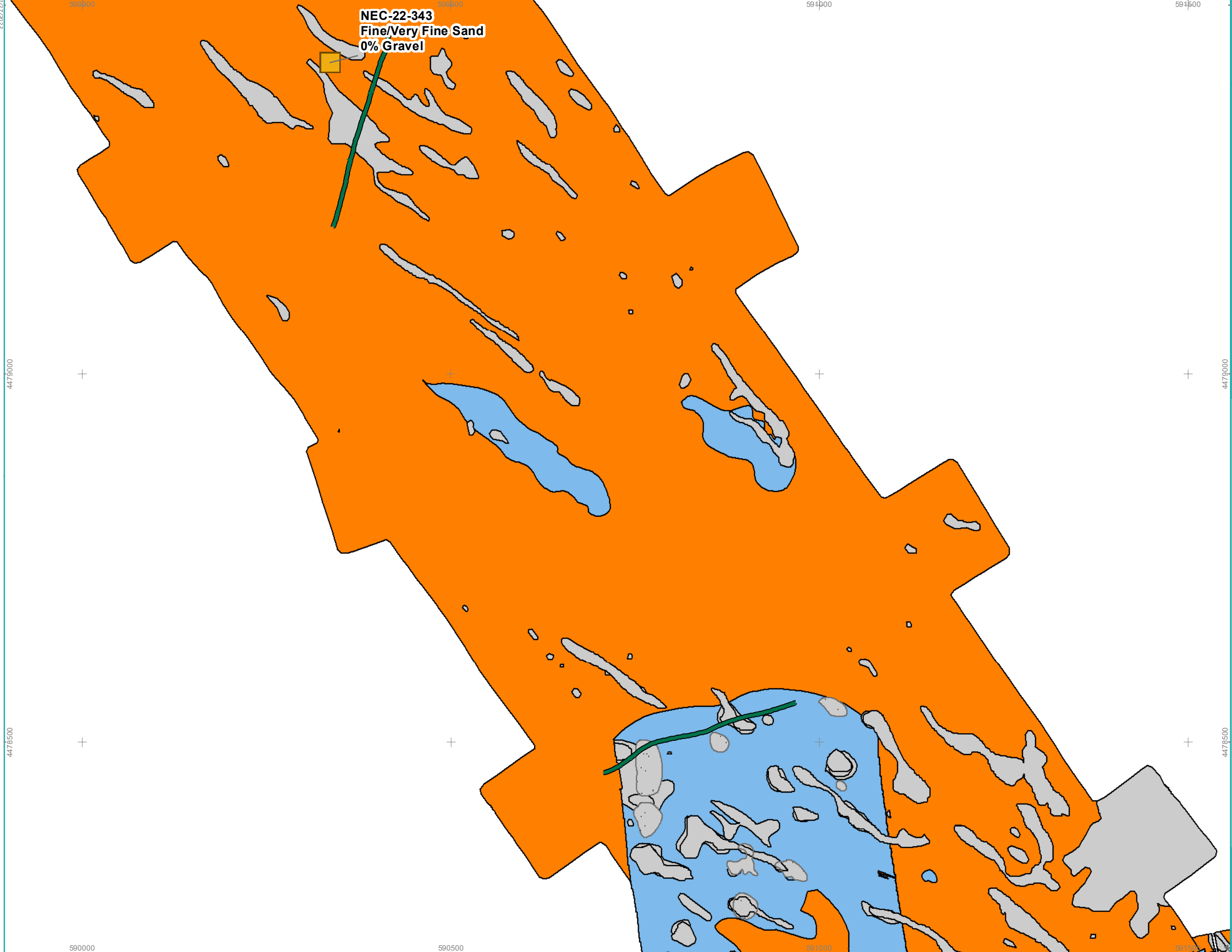
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Video Transect
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 65

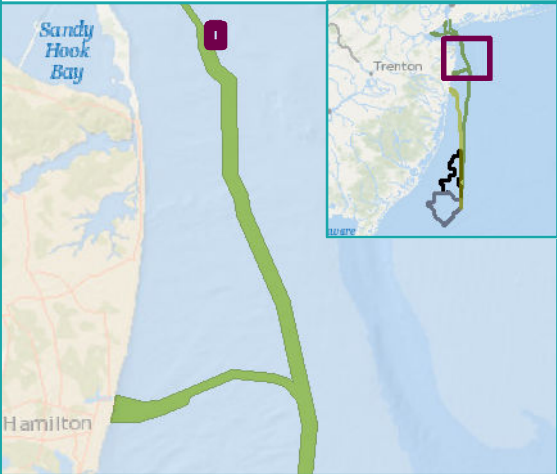
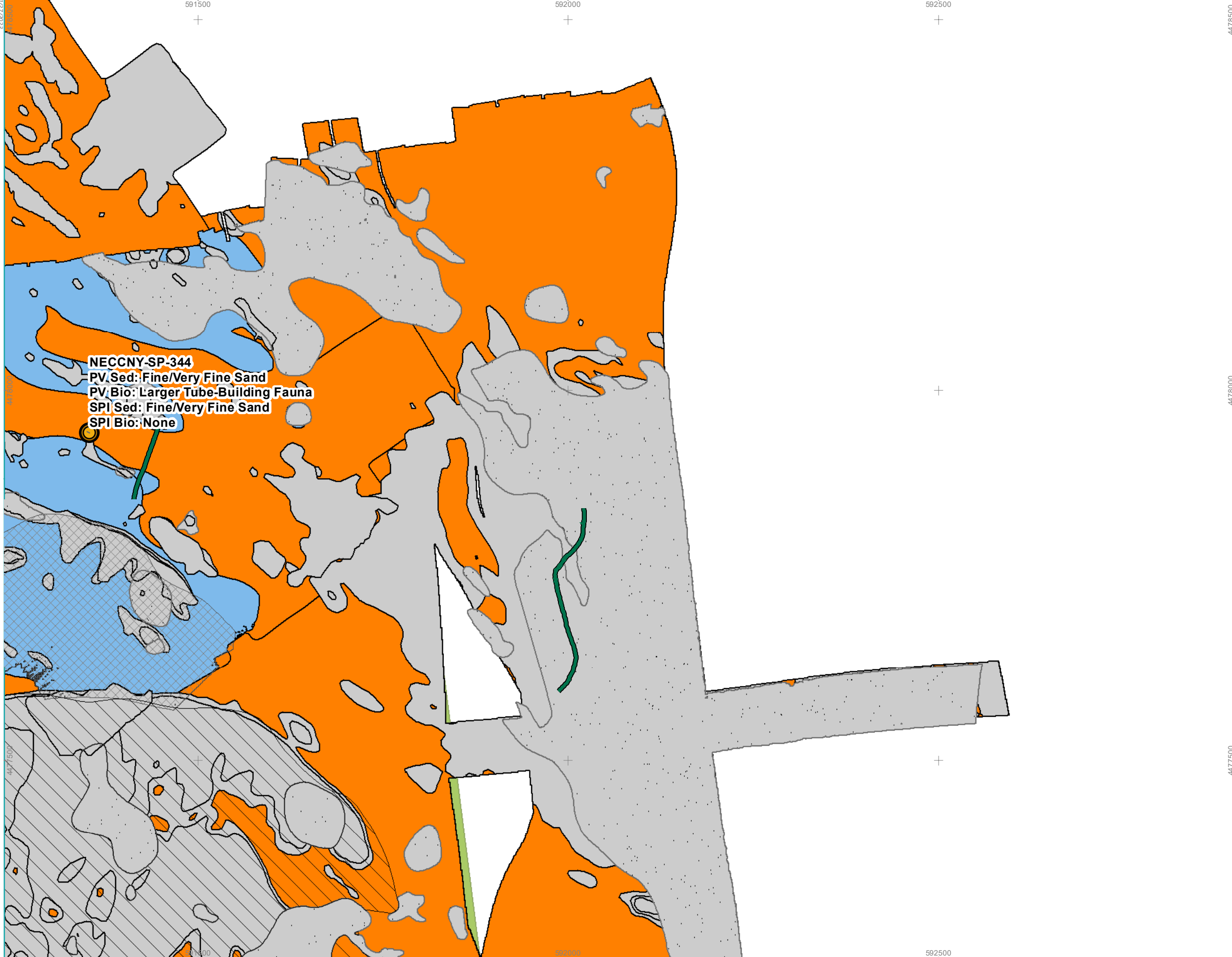
Northern Export Cable Corridor (ECC)
Slide 65 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Video Transect
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

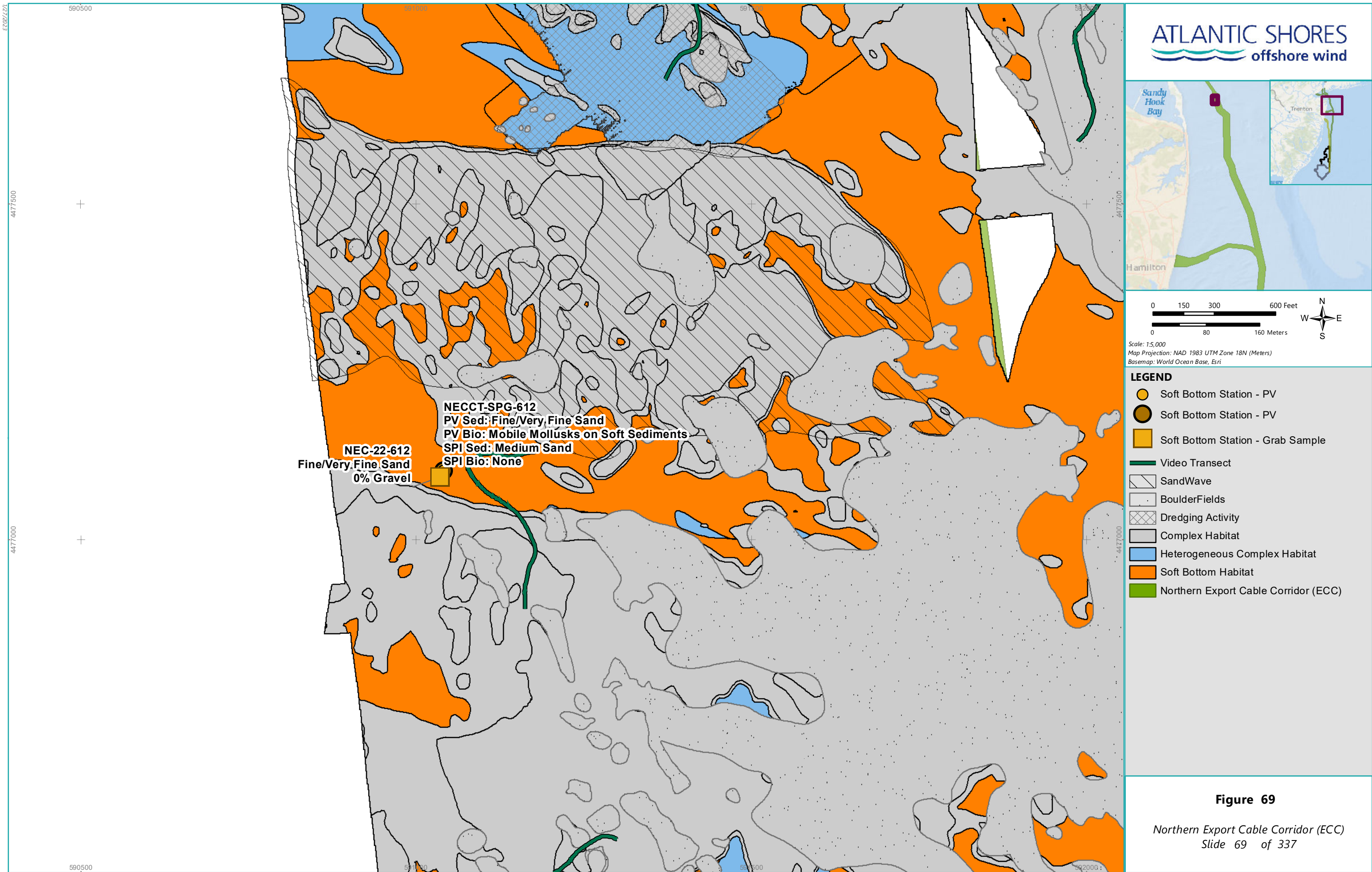
Figure 66

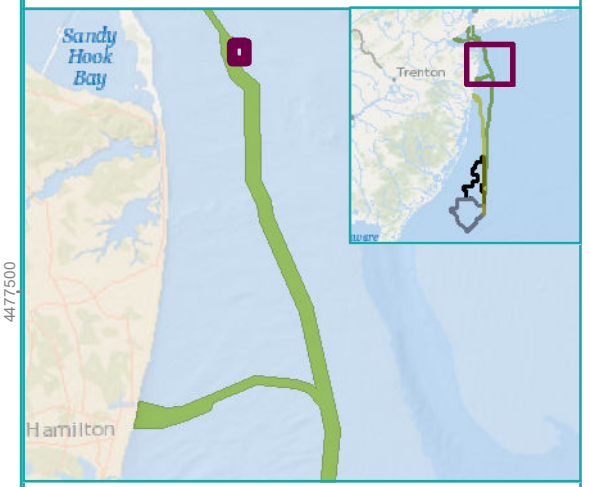
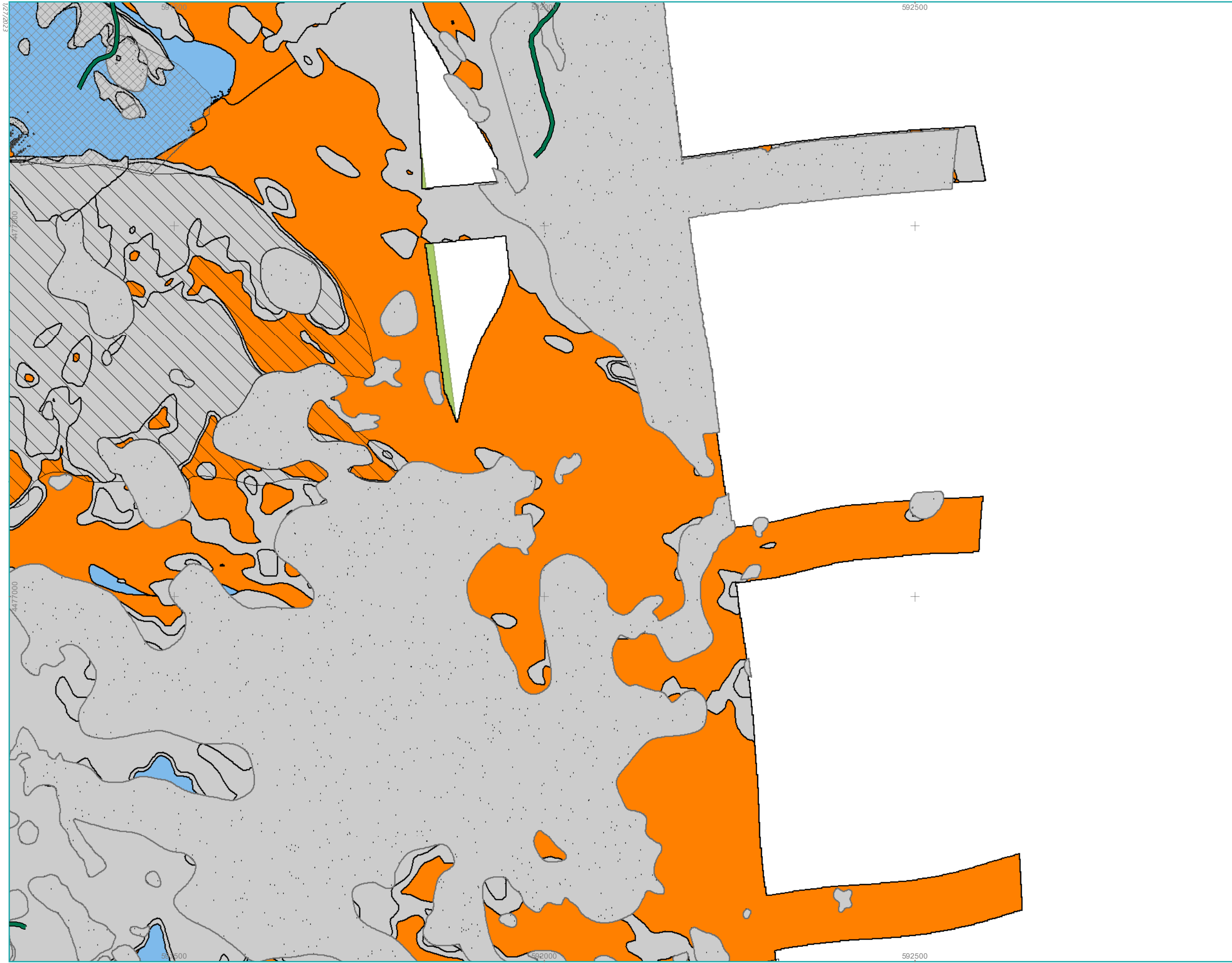


Scale: 1:5,000
 Map Projection: NAD 1983 UTM Zone 18N (Meters)
 Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - SandWave
 - BoulderFields
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 68



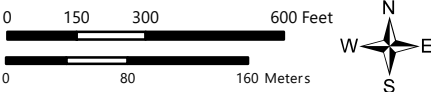
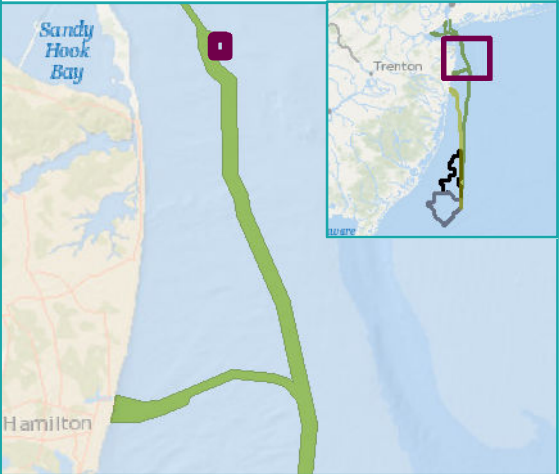


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - BoulderFields
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 70

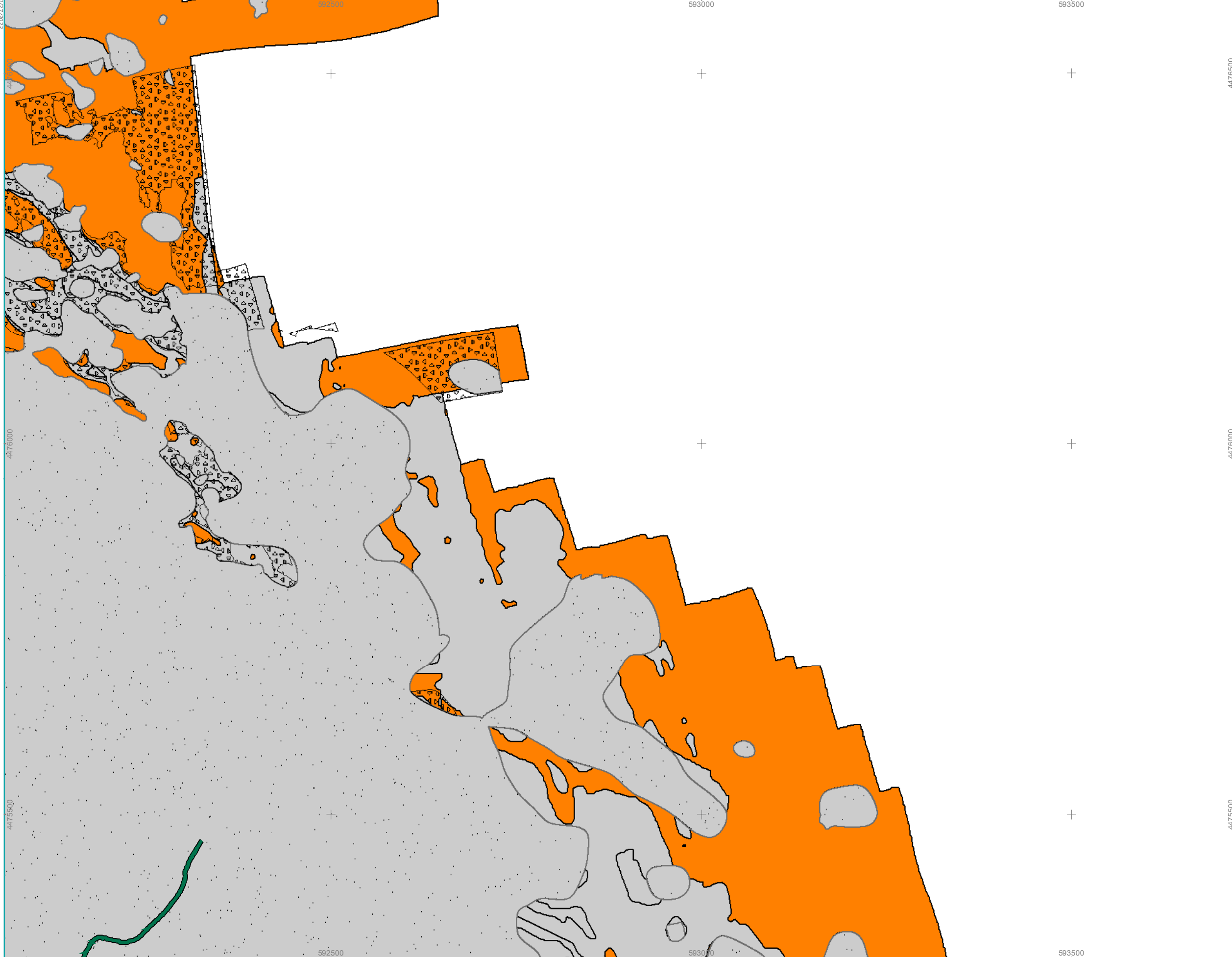
Northern Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - SandWave
 - BoulderFields
 - Dredging Activity
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 71



0150300600

080160

N

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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

Video Transect

Ripple

BoulderFields

Complex Habitat

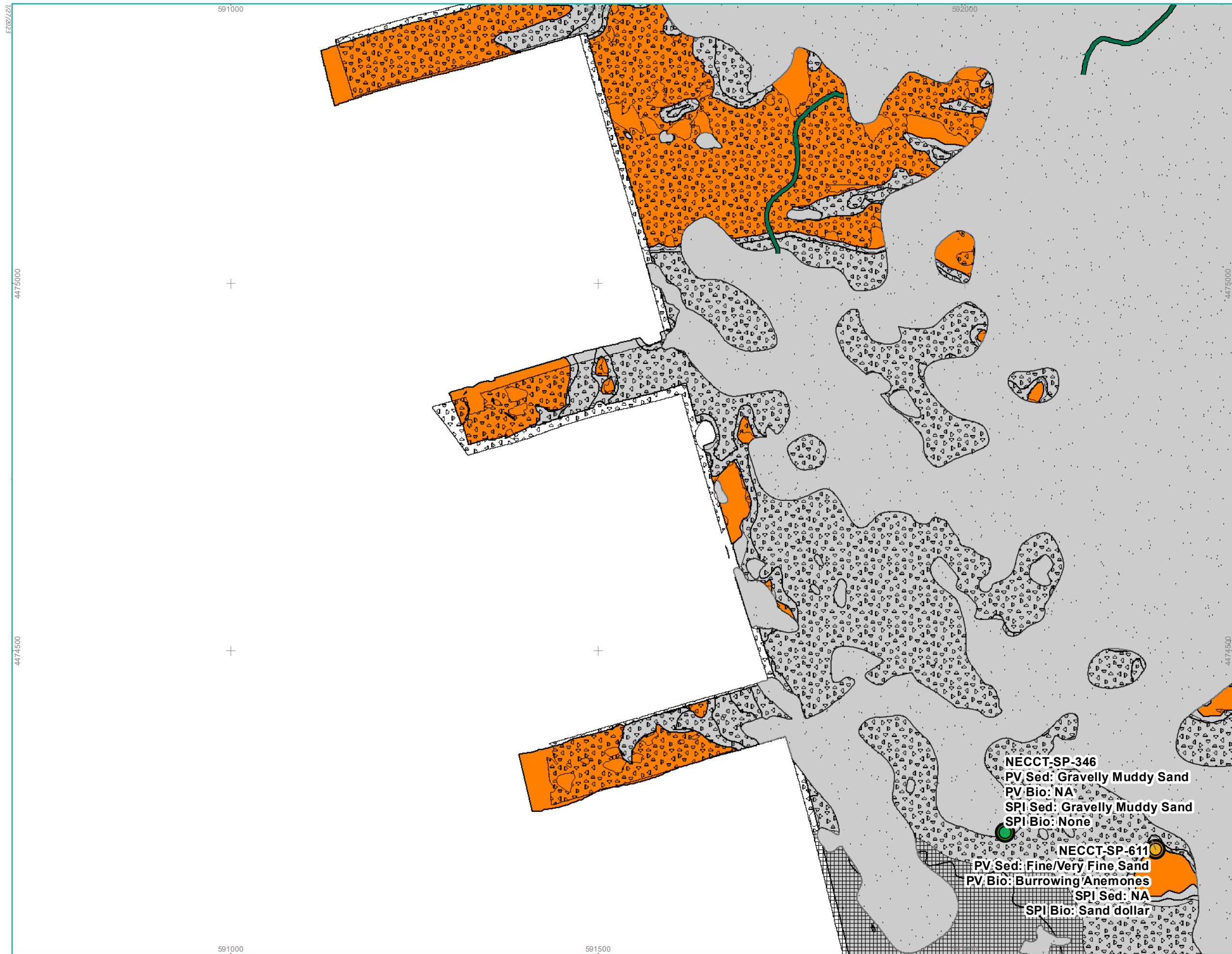
Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 74

Northern Export Cable Corridor (ECC)

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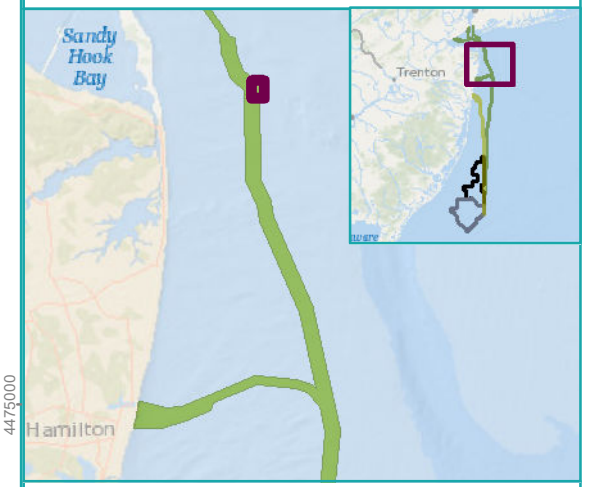
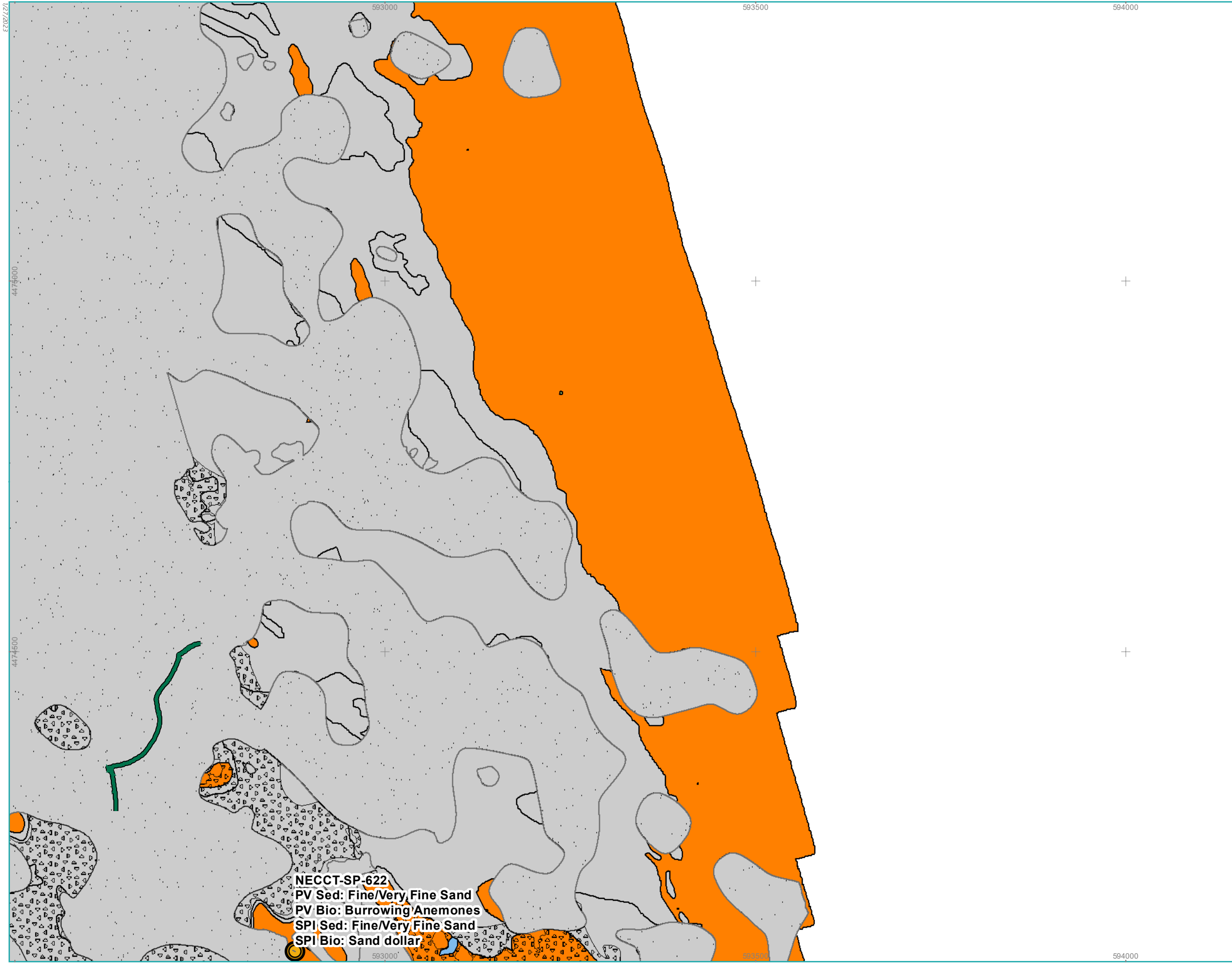
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Video Transect
- Ripple
- BoulderFields
- HeavilyScarredArea
- Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 75

Northern Export Cable Corridor (ECC)
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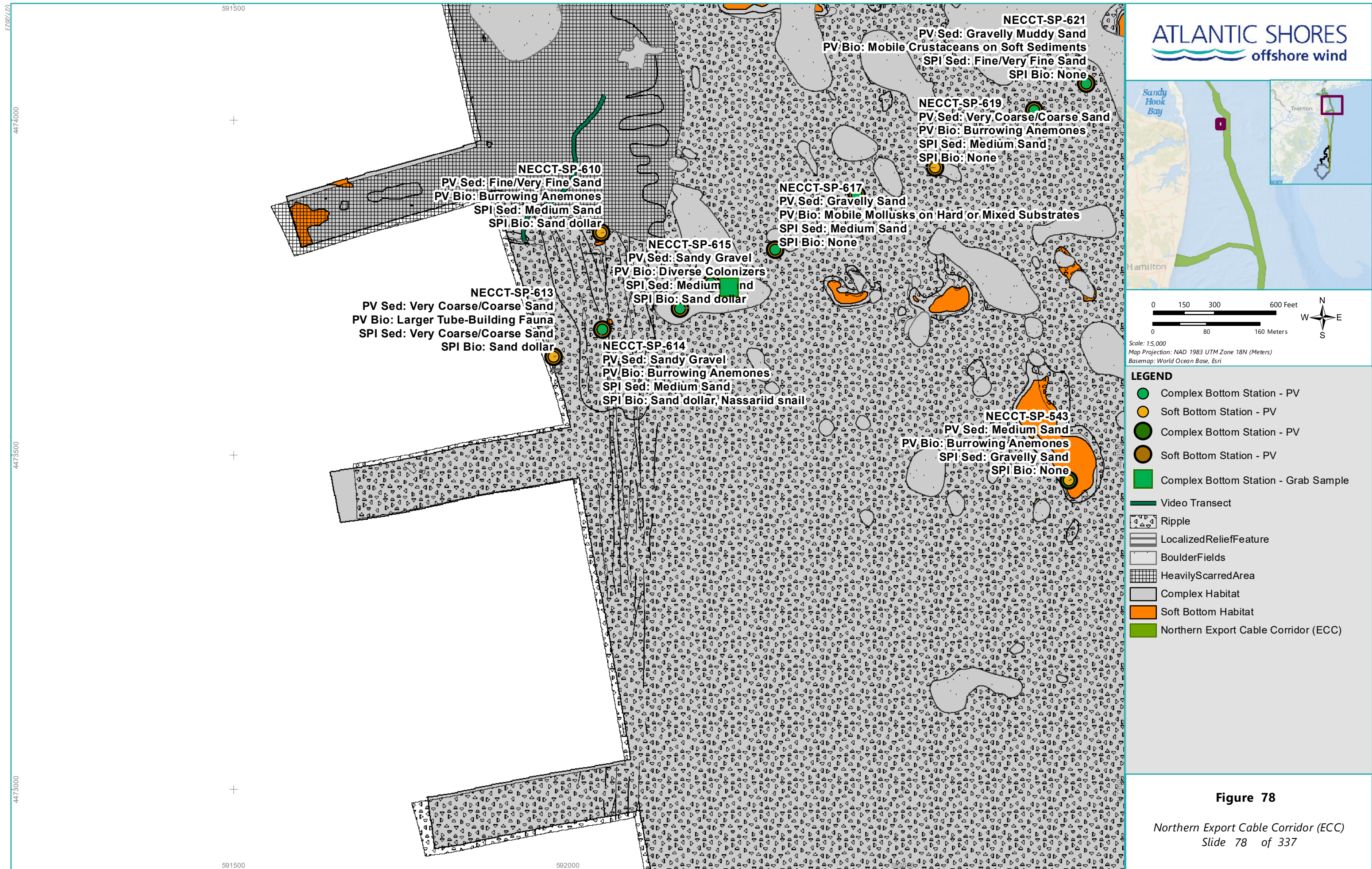


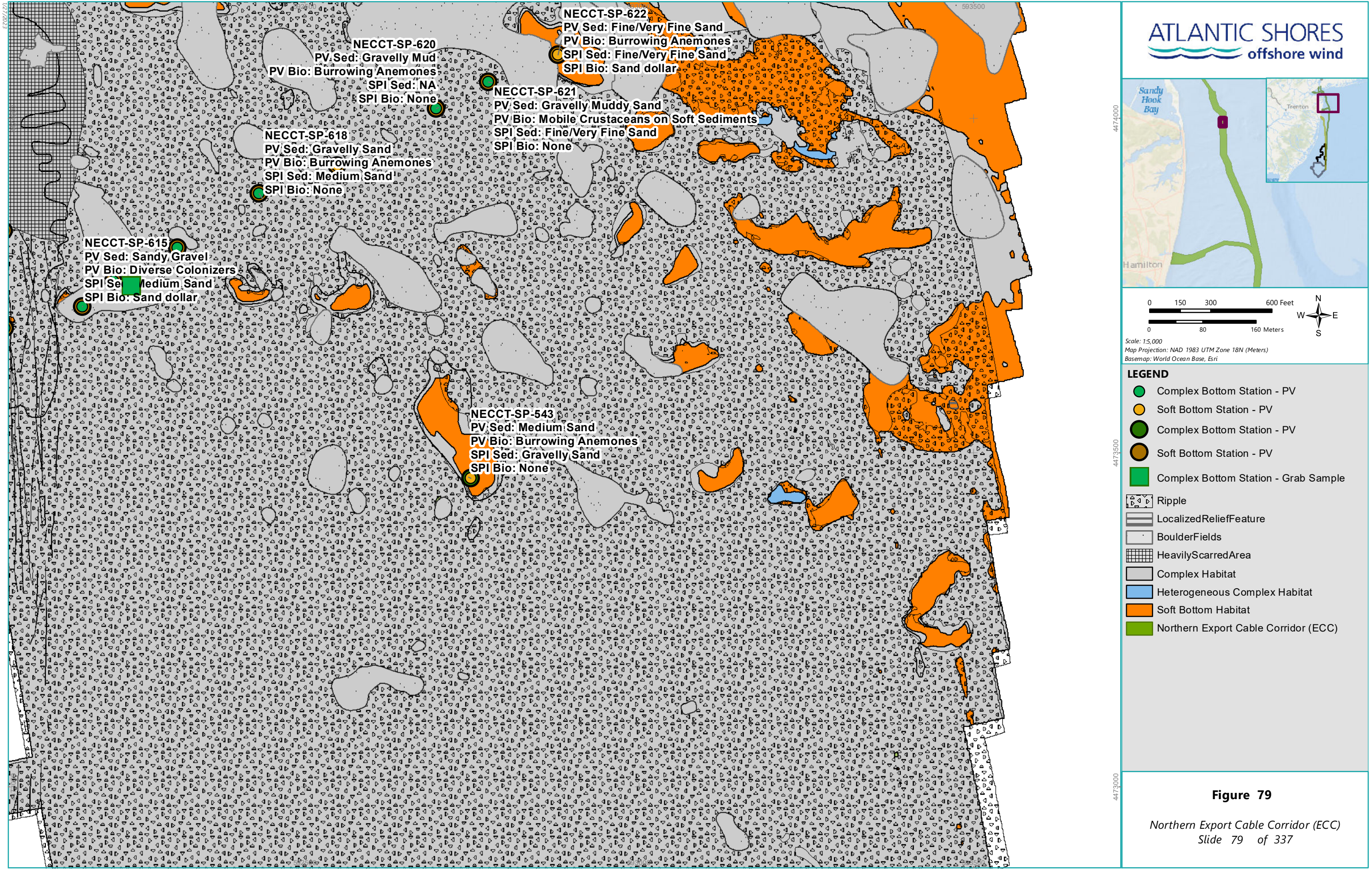
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

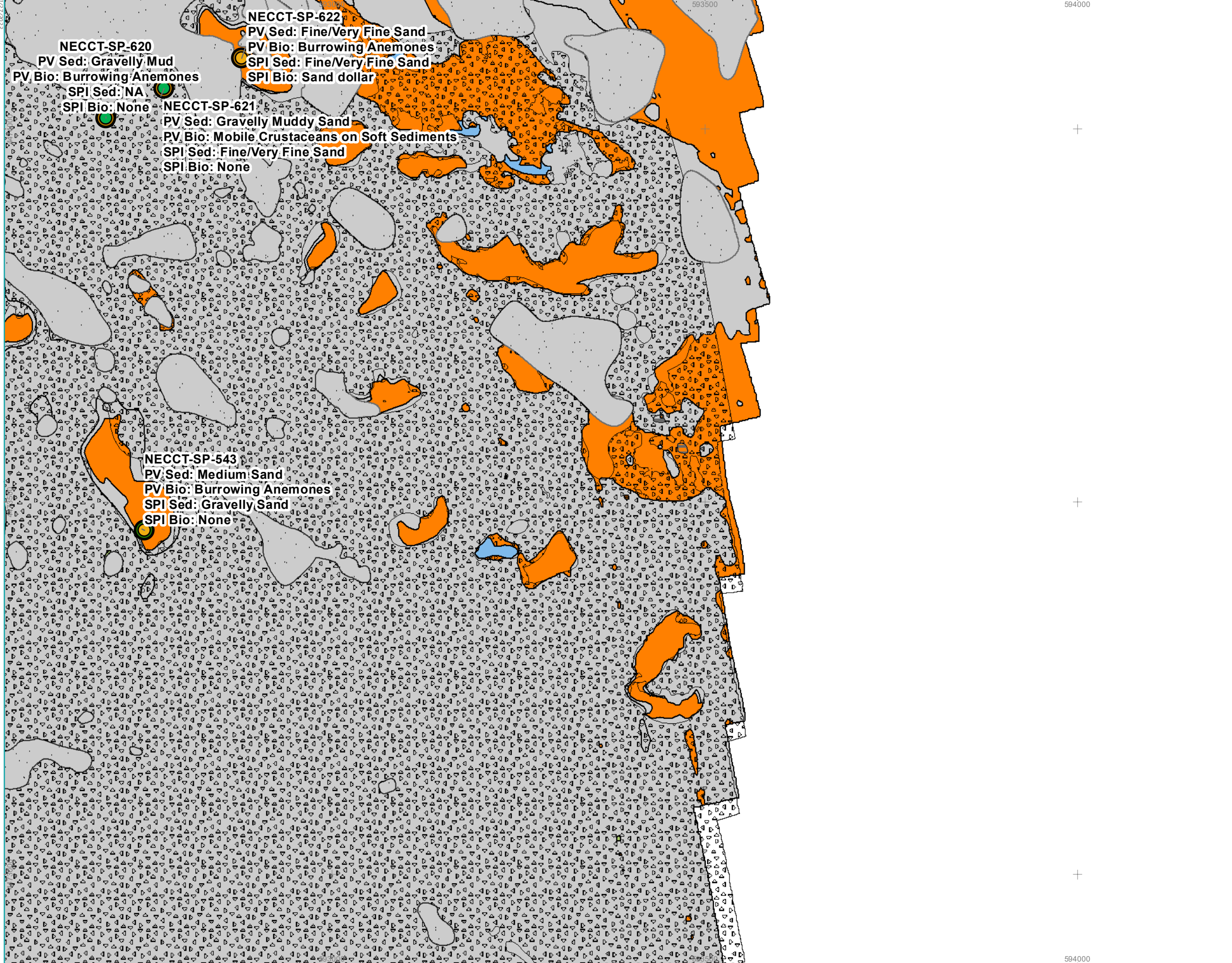
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 77

Northern Export Cable Corridor (ECC)
Slide 77 of 337







0150300600

080160

+

+

+

N

W

E

S

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Complex Bottom Station - PV

Soft Bottom Station - PV

Complex Bottom Station - PV

Soft Bottom Station - PV

Ripple

LocalizedReliefFeature

BoulderFields

Complex Habitat

Heterogeneous Complex Habitat

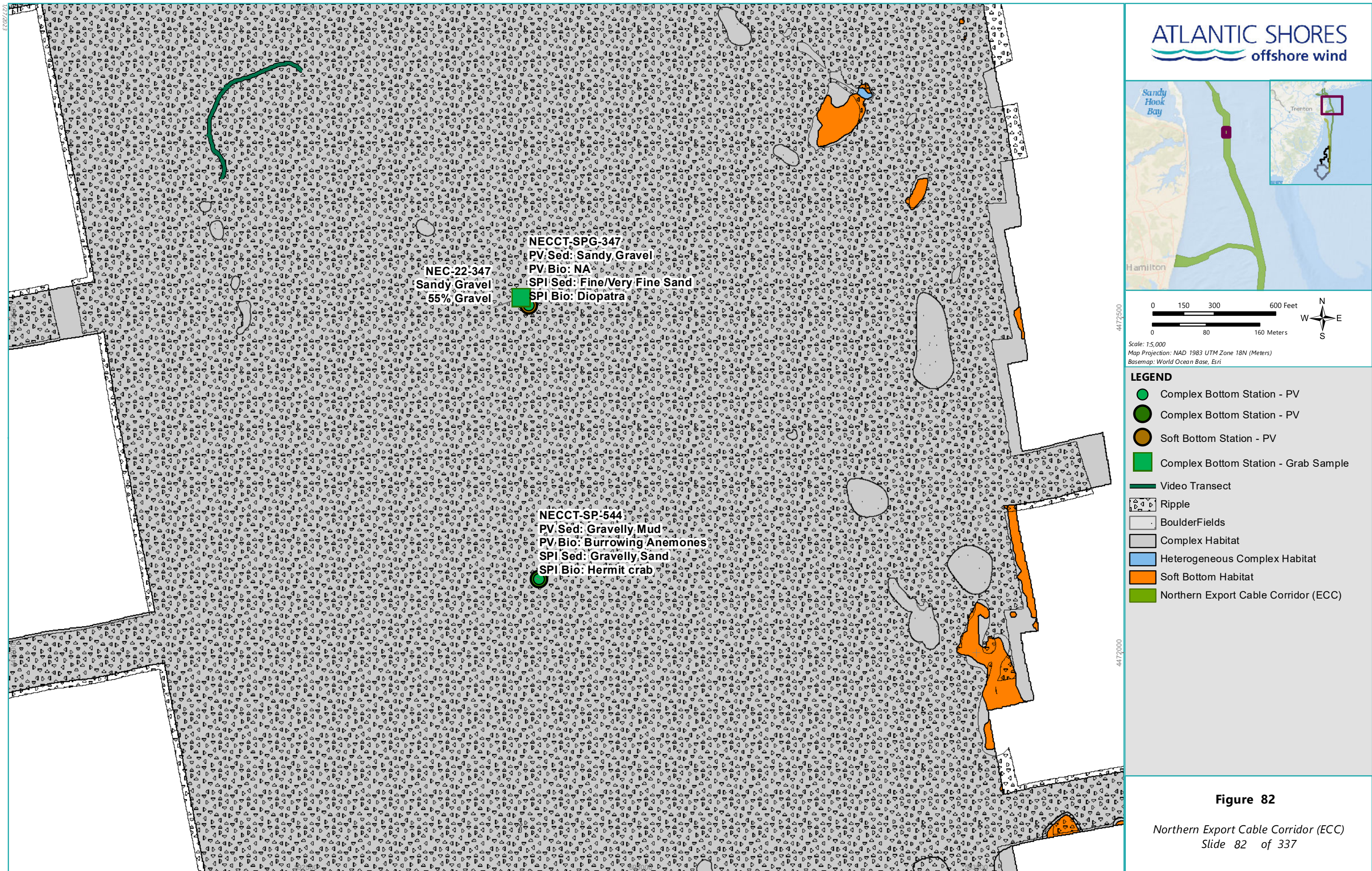
Soft Bottom Habitat

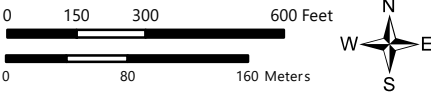
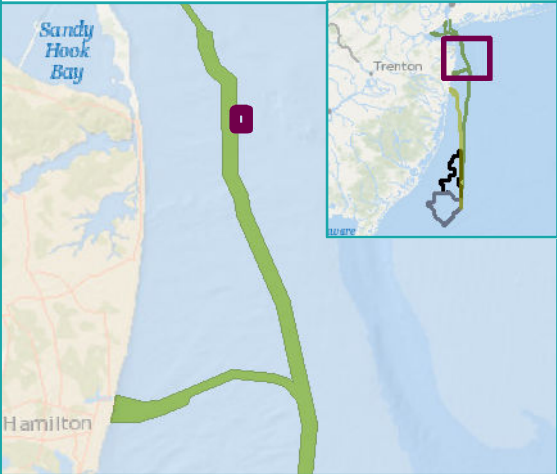
Northern Export Cable Corridor (ECC)

Figure 80

Northern Export Cable Corridor (ECC)

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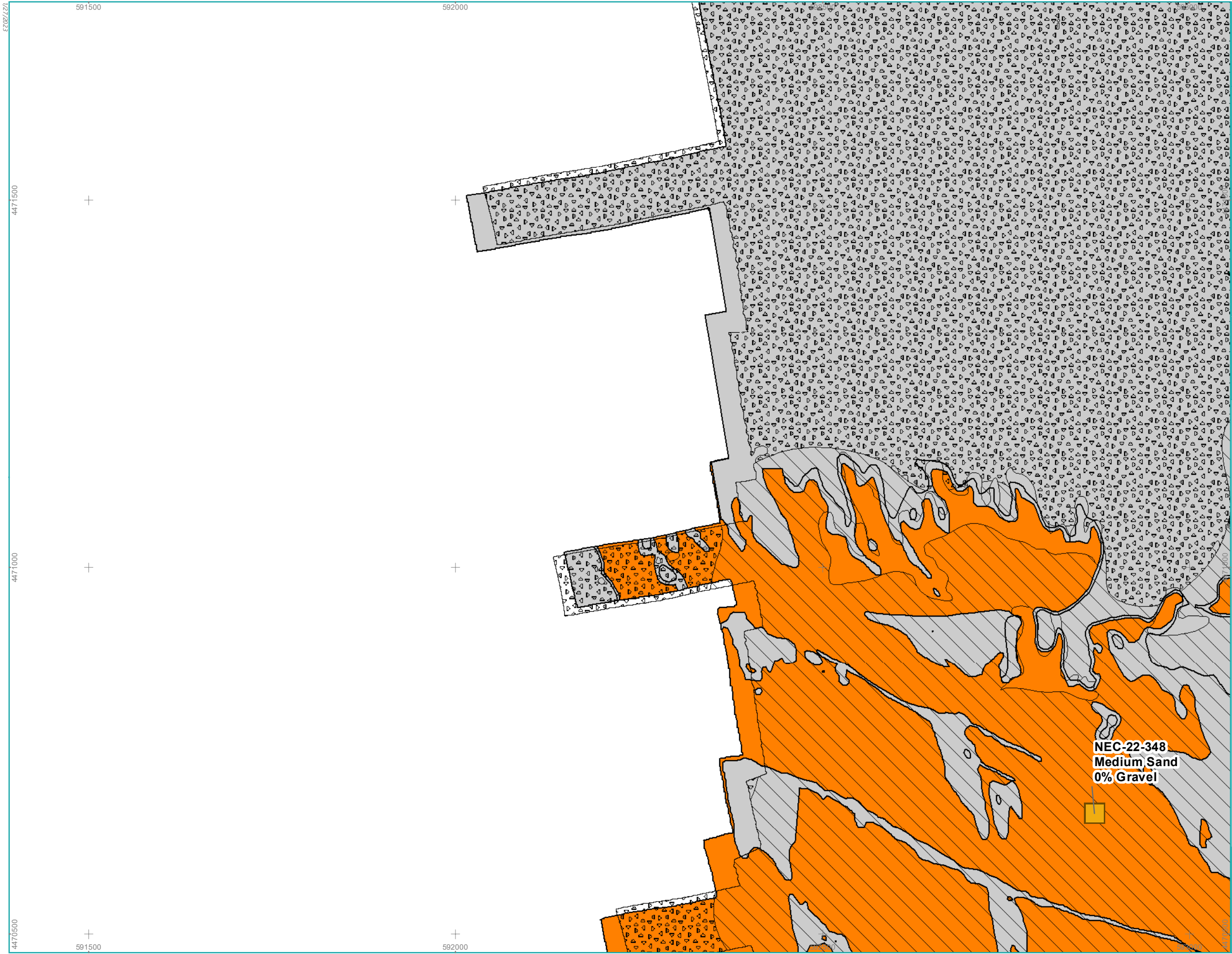




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 83



Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

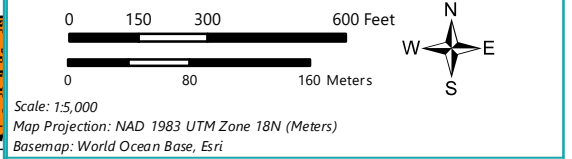
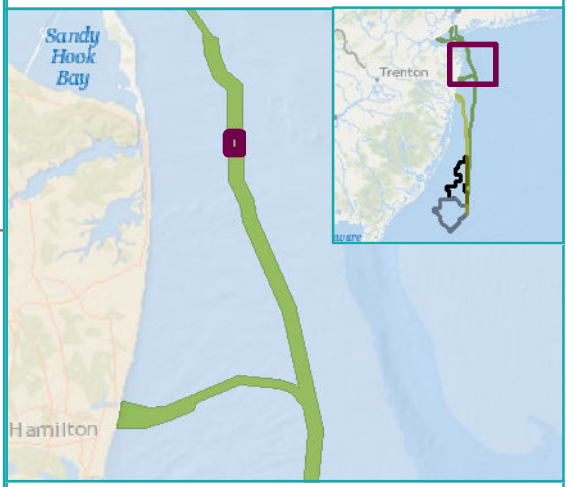
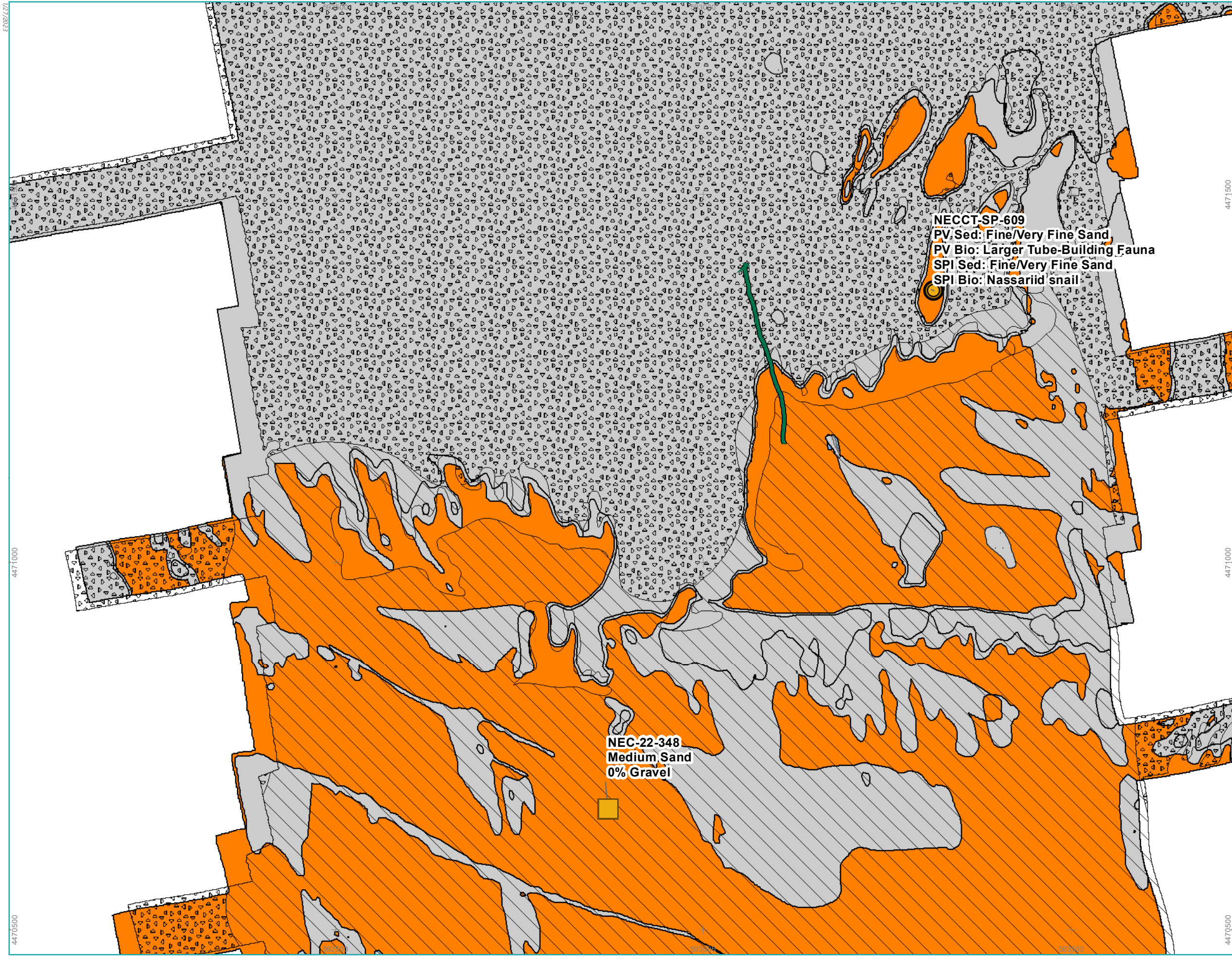
LEGEND

- Soft Bottom Station - Grab Sample
- Video Transect
- Ripple
- SandWave
- Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 84

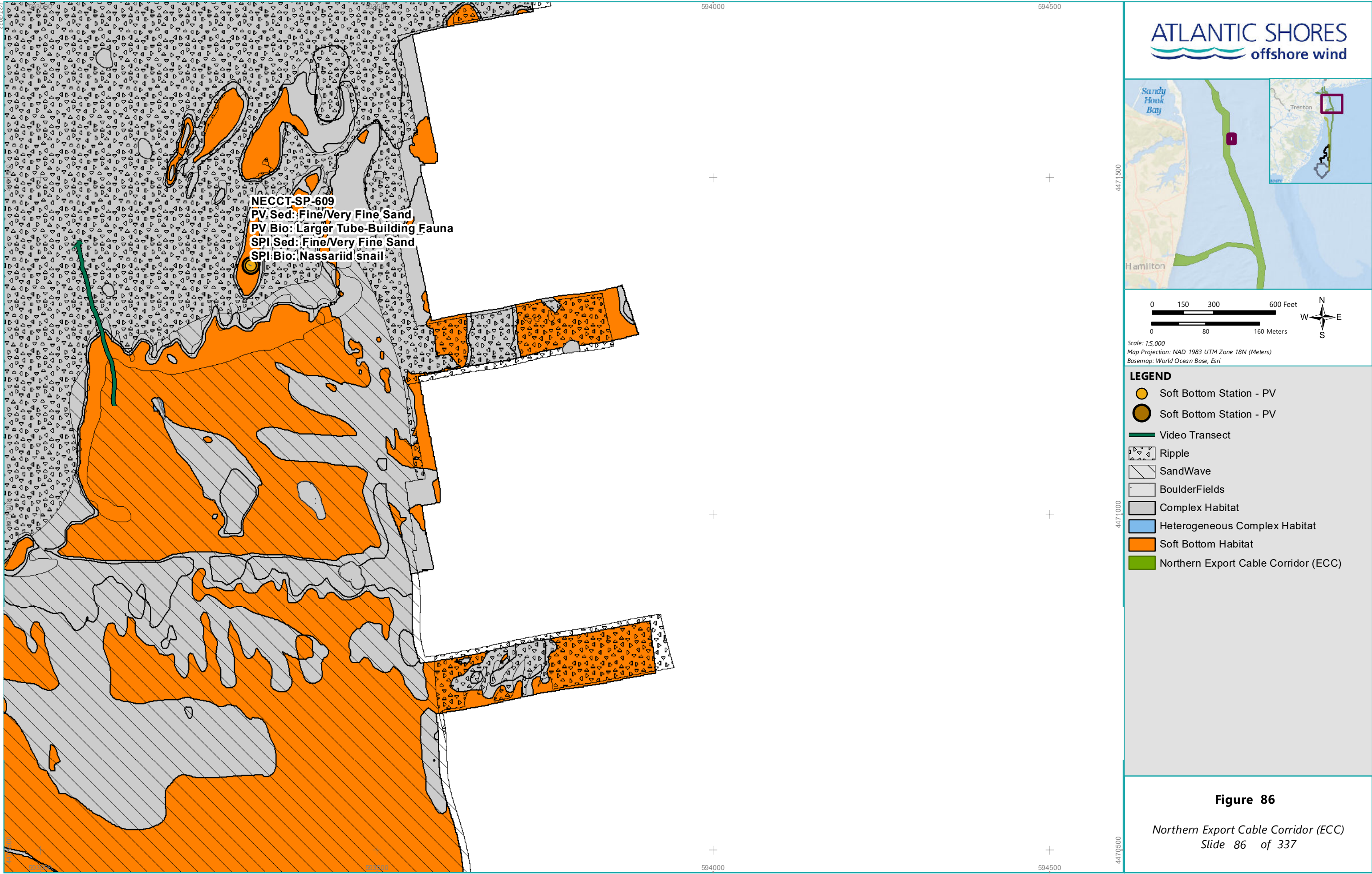
Northern Export Cable Corridor (ECC)

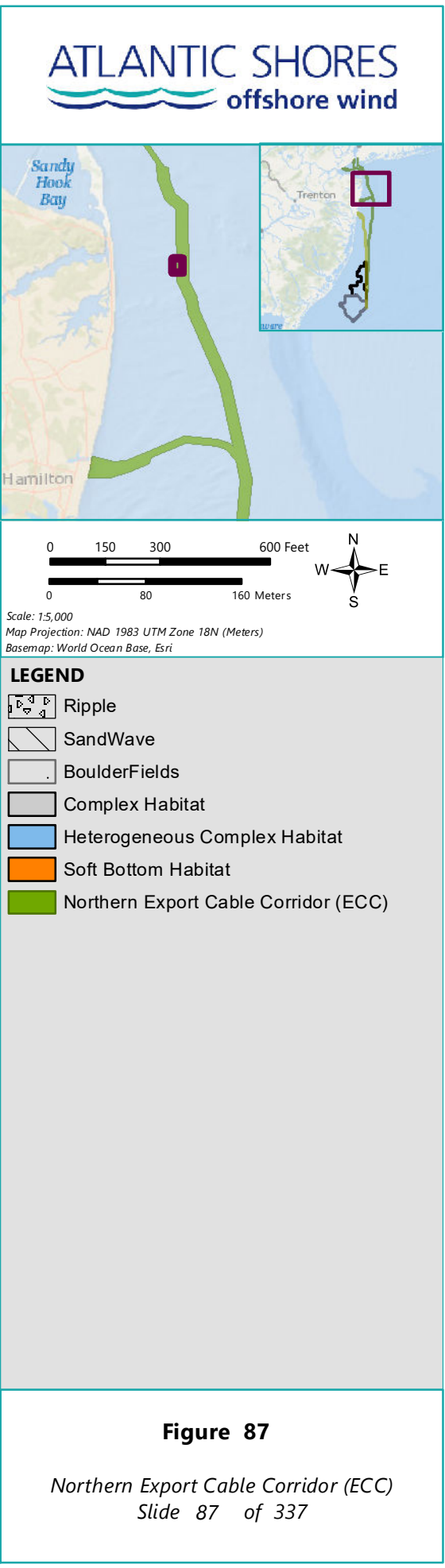
Slide 84 of 337

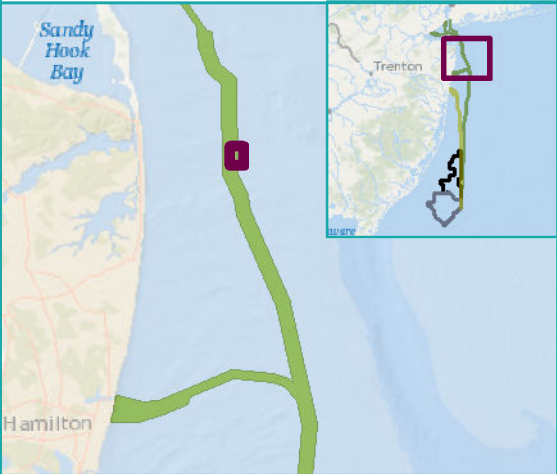
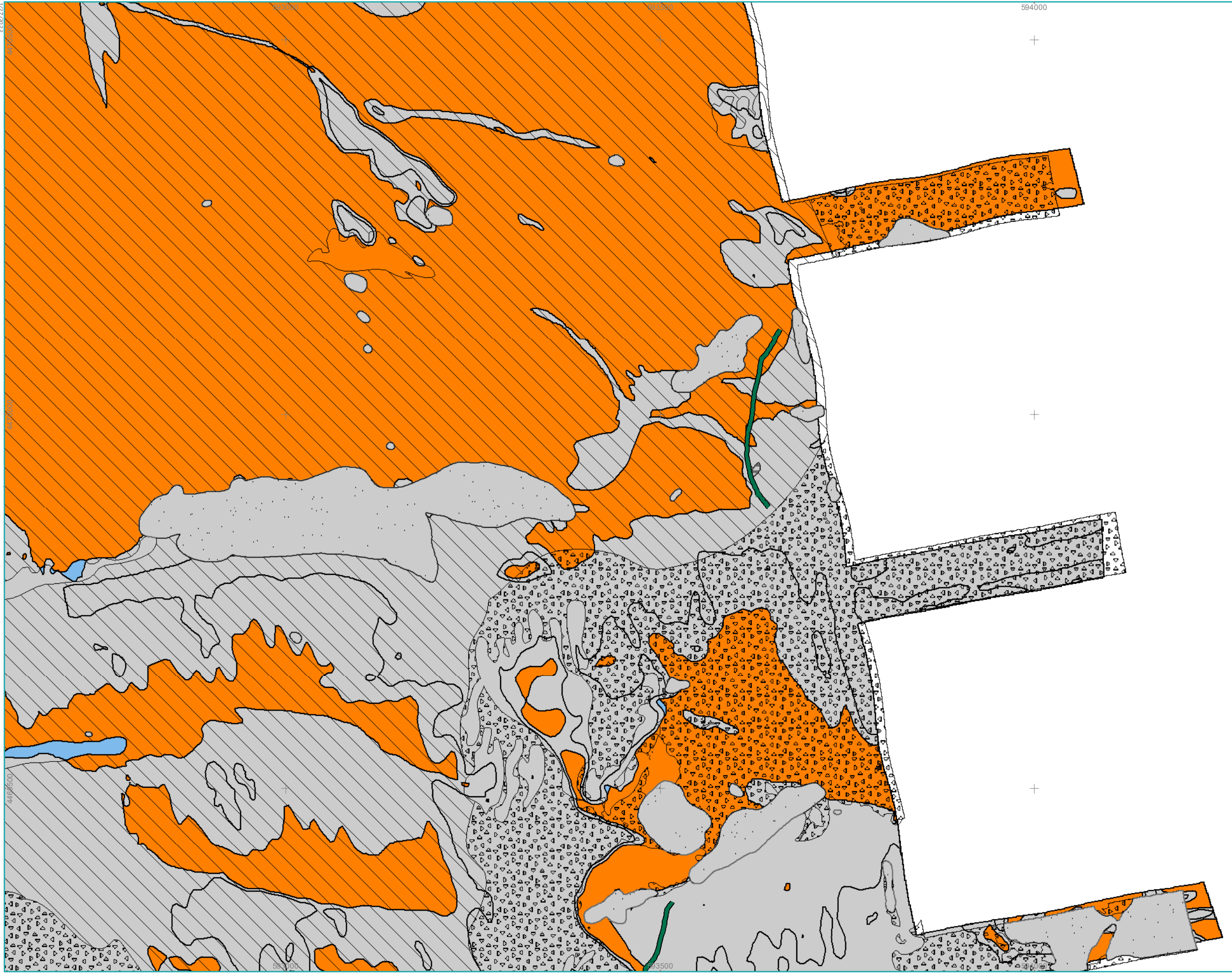


- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - Video Transect
 - Ripple
 - SandWave
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 85



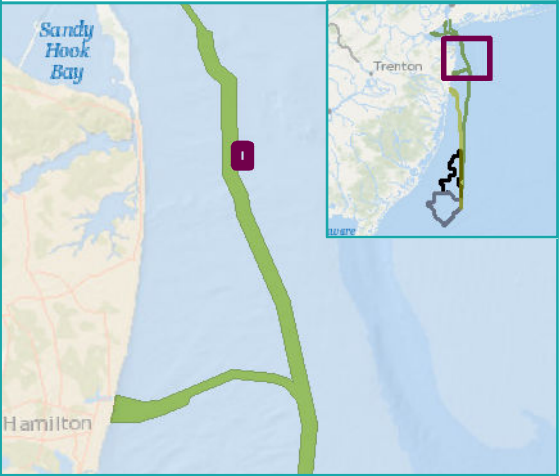
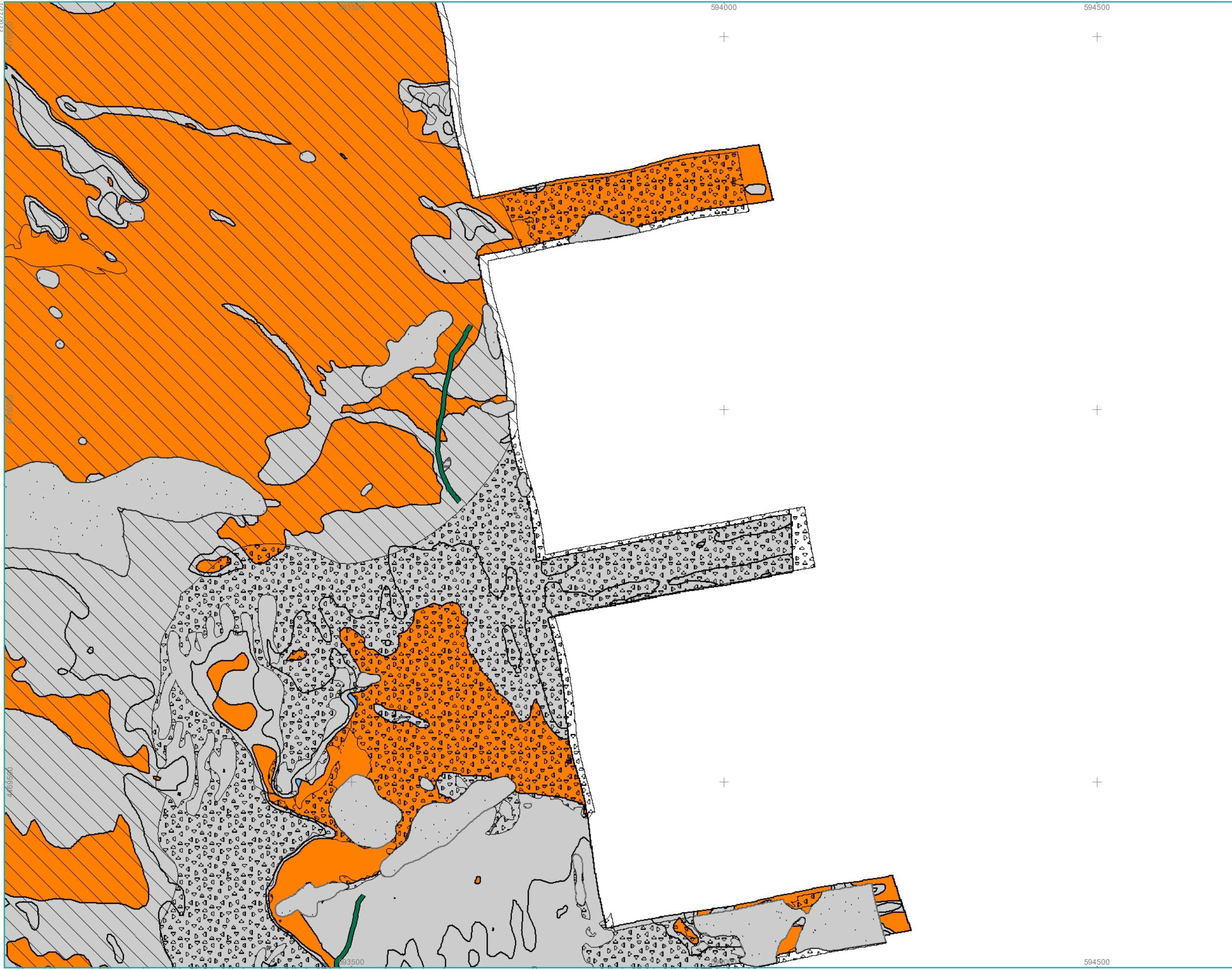




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 88



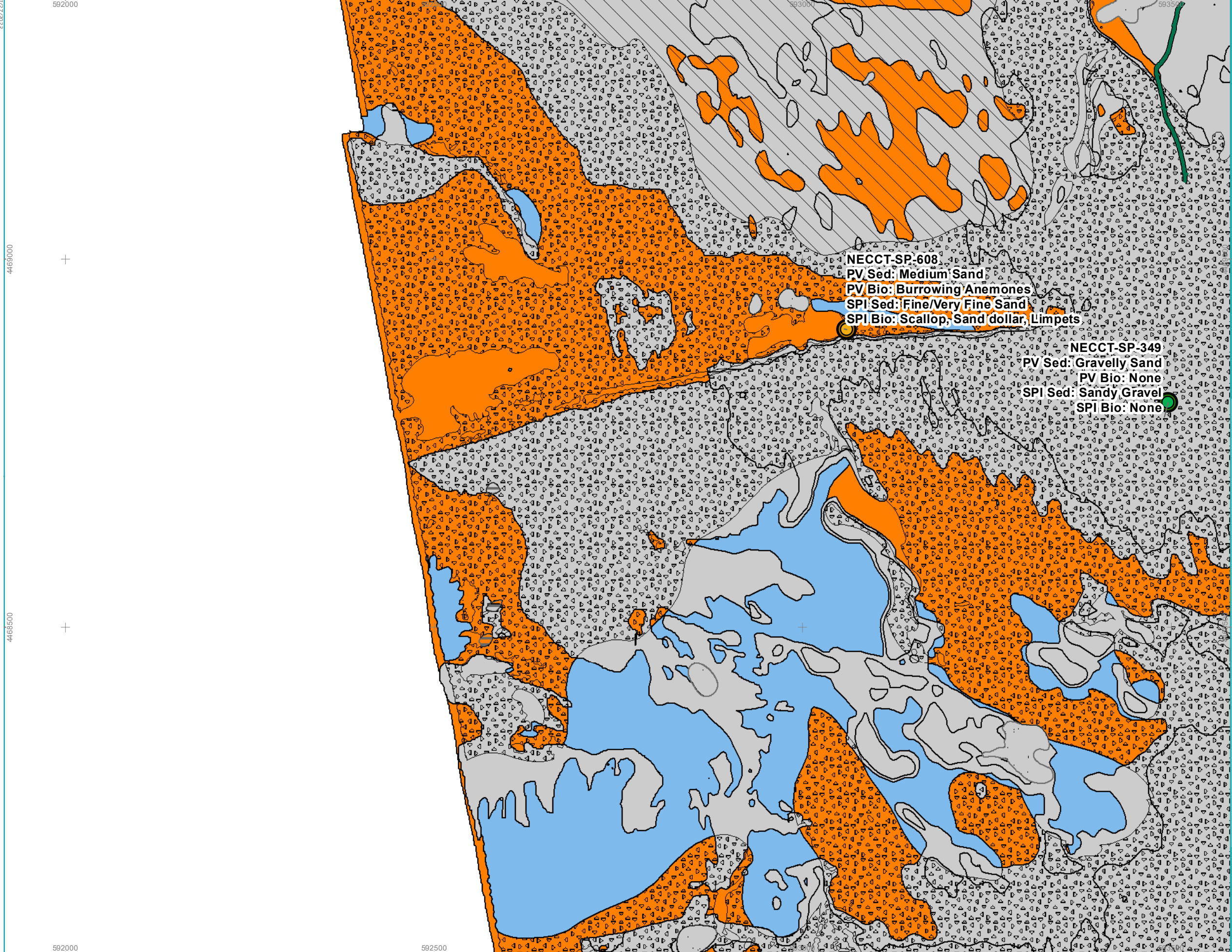
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Video Transect
- Ripple
- SandWave
- LocalizedReliefFeature
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 89

Northern Export Cable Corridor (ECC)
Slide 89 of 337



Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

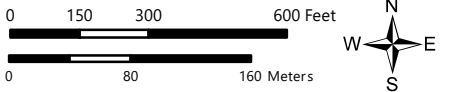
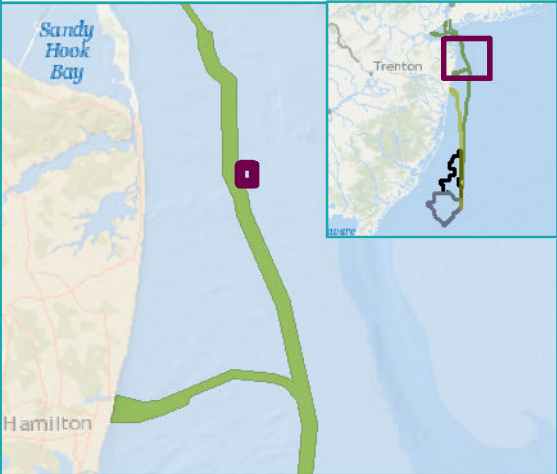
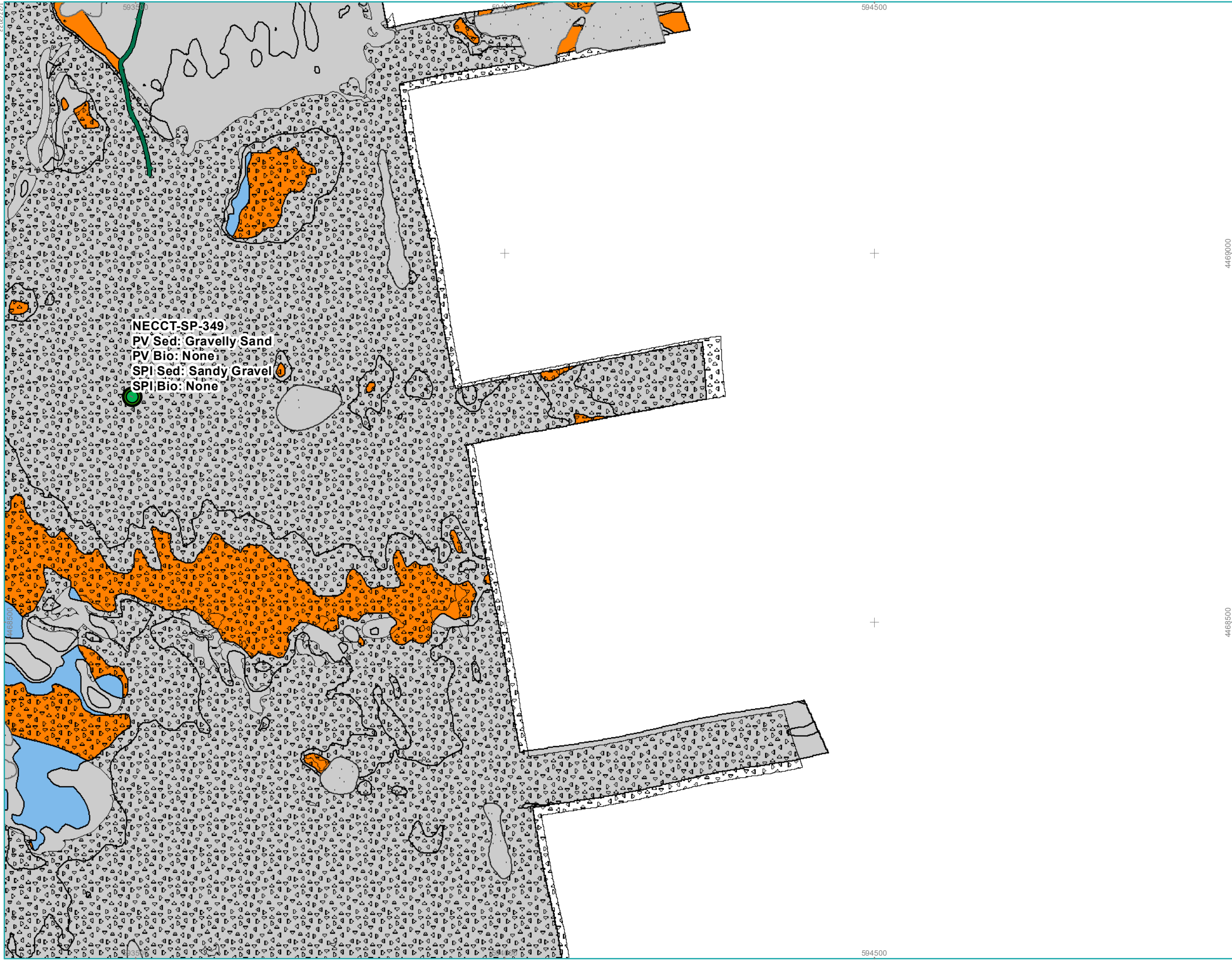
LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Video Transect
- Ripple
- SandWave
- LocalizedReliefFeature
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 90

Northern Export Cable Corridor (ECC)

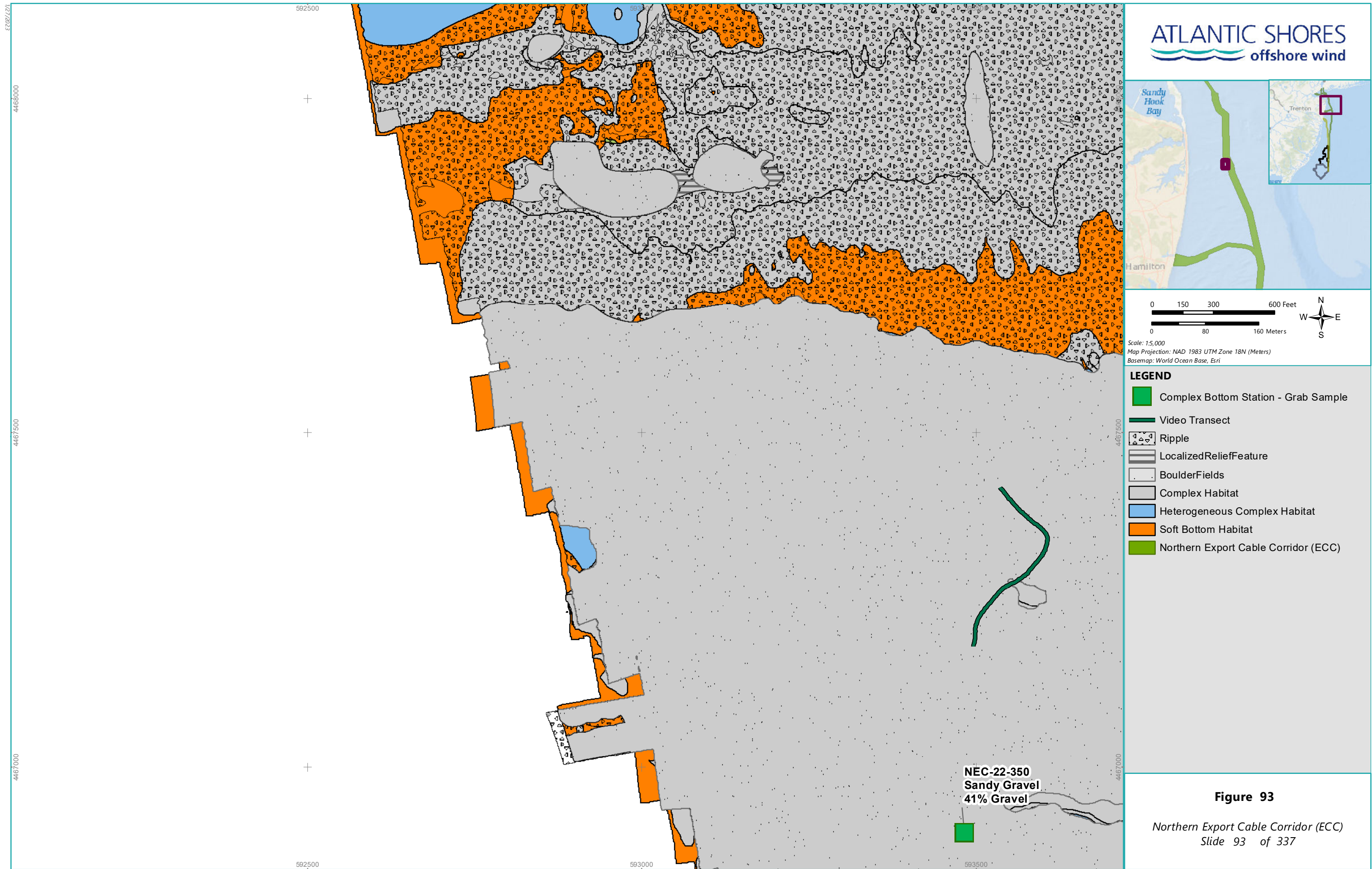
Slide 90 of 337

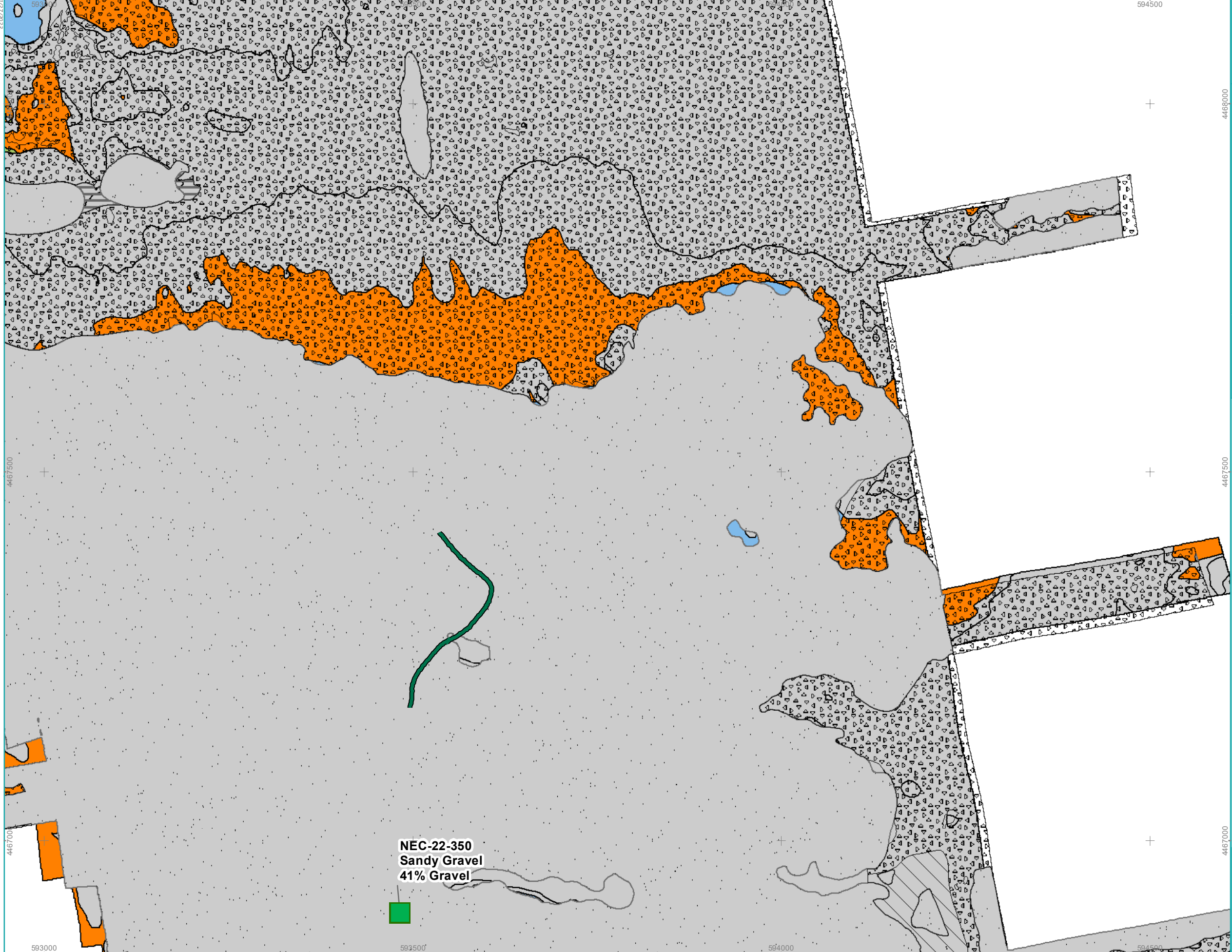


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

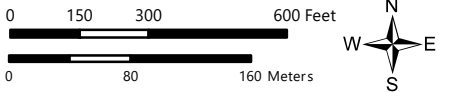
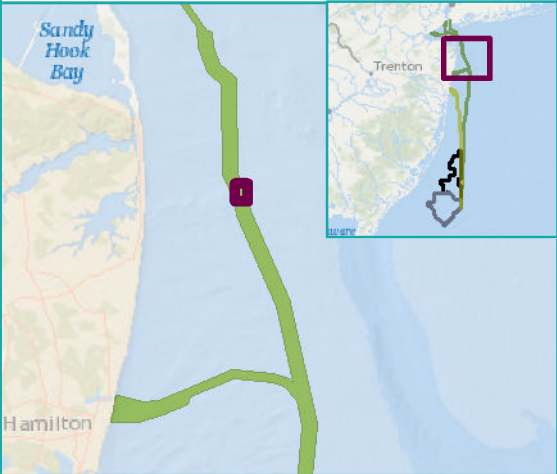
- LEGEND**
- Complex Bottom Station - PV
 - Complex Bottom Station - PV
 - Video Transect
 - Ripple
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 92





1/27/2023

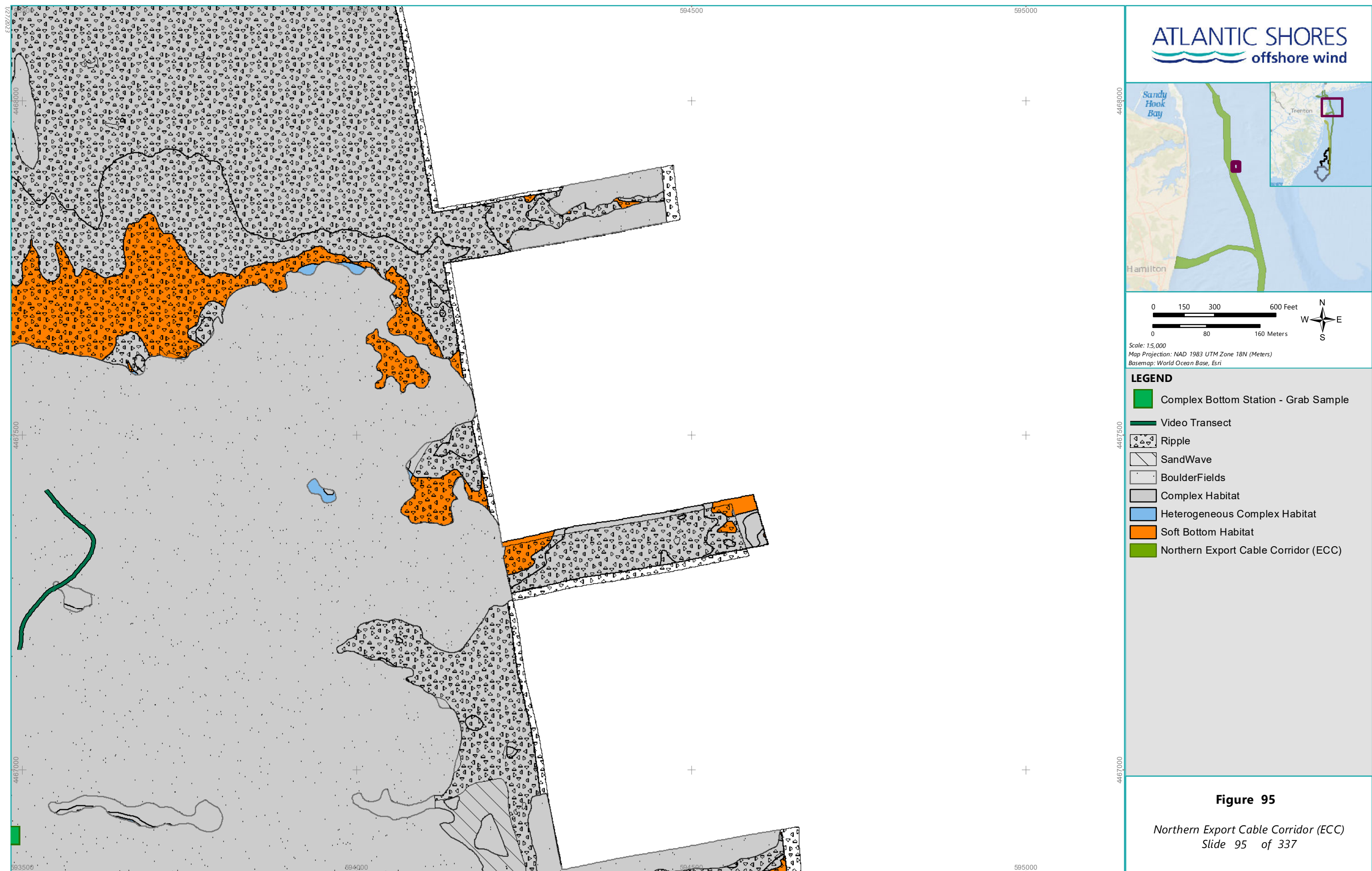


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Video Transect
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

NEC-22-350
Sandy Gravel
41% Gravel

Figure 94



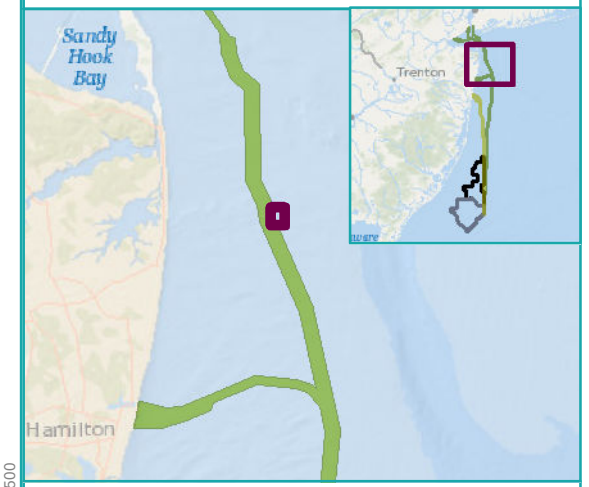
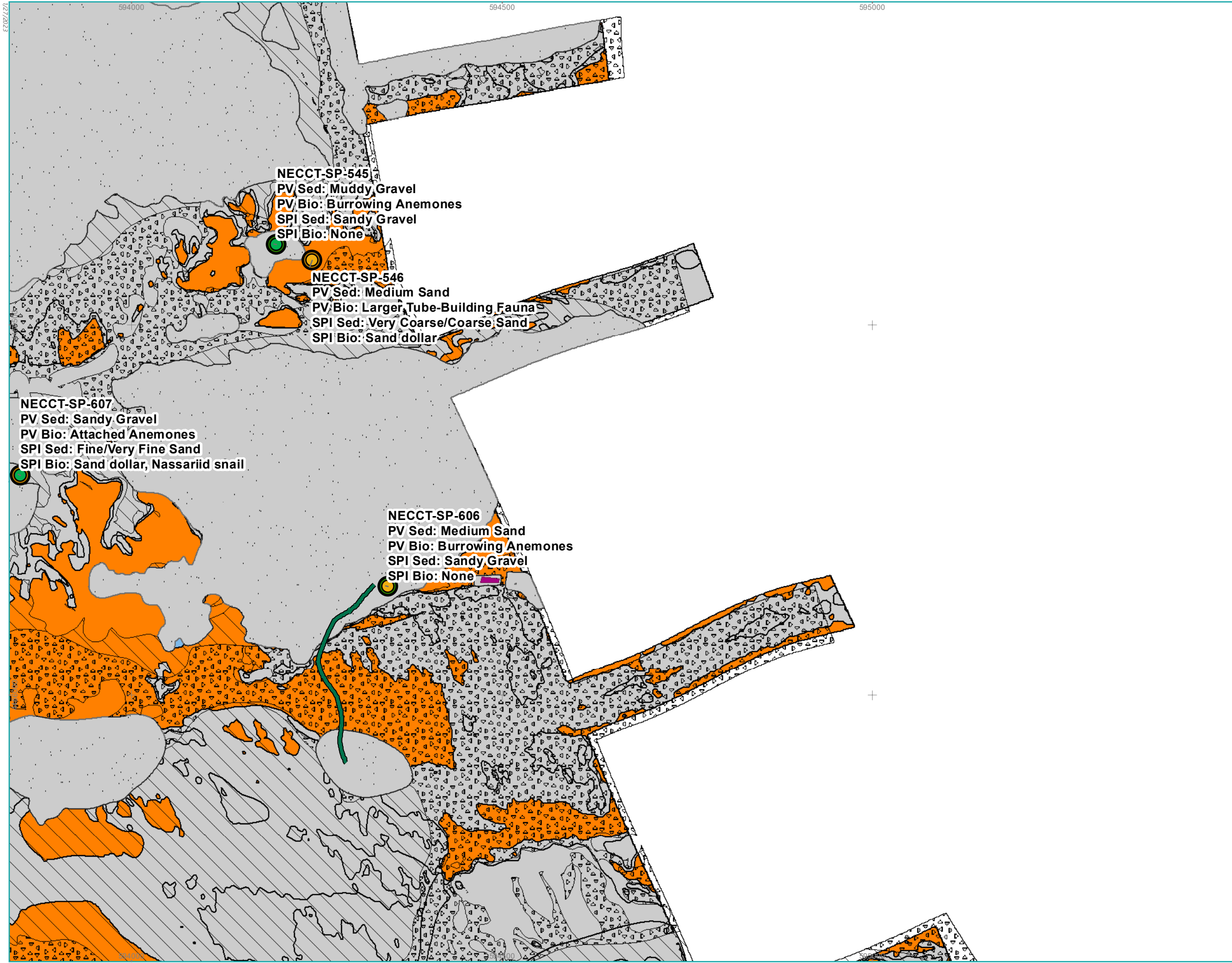


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - Grab Sample
- Video Transect
- Ripple
- SandWave
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 96



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - Ripple
 - SandWave
 - BoulderFields
 - Anthropogenic Debris
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 98

Northern Export Cable Corridor (ECC)
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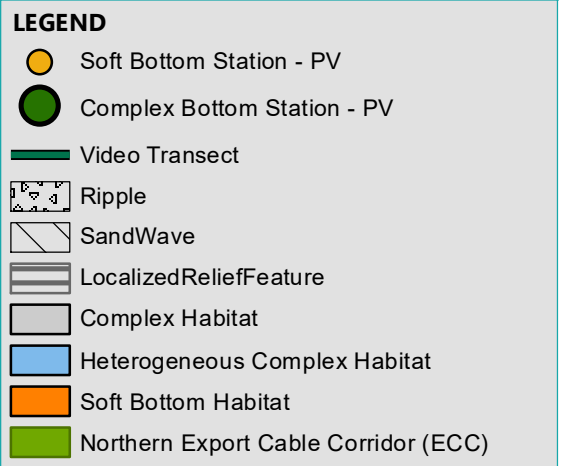
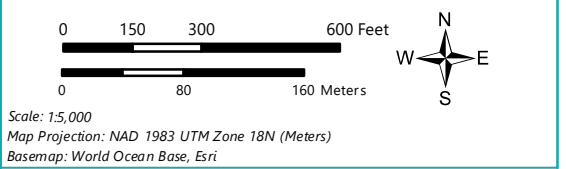
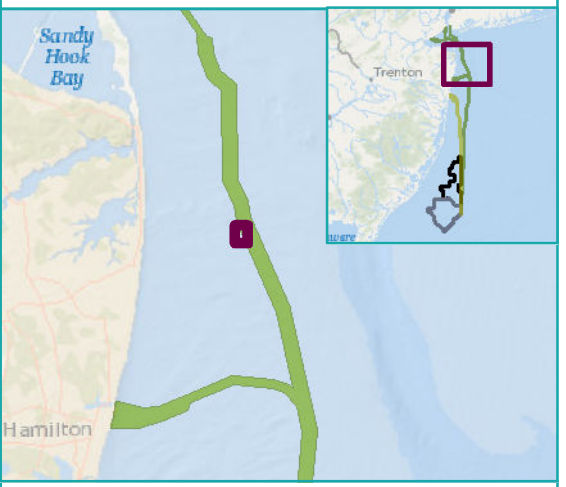
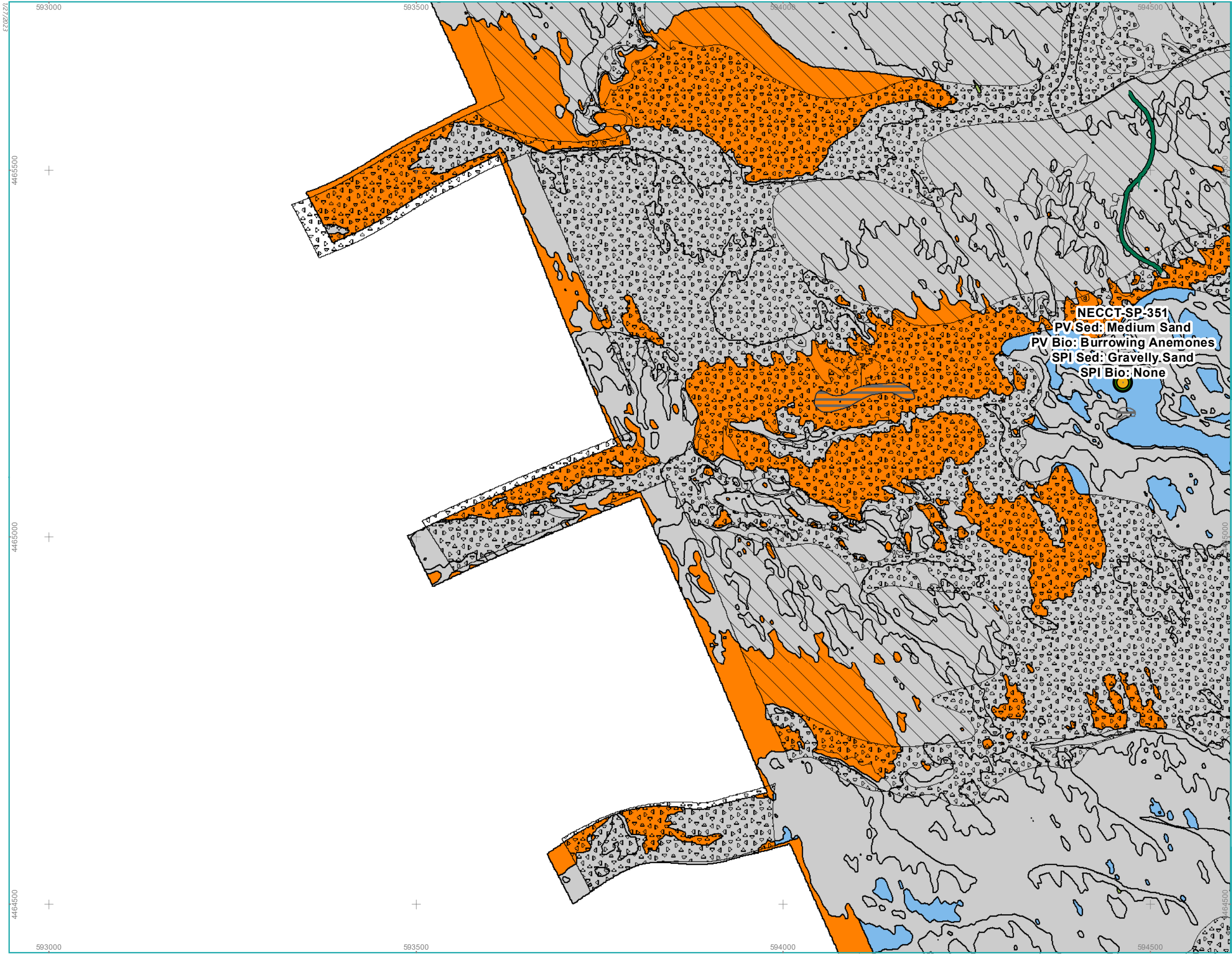
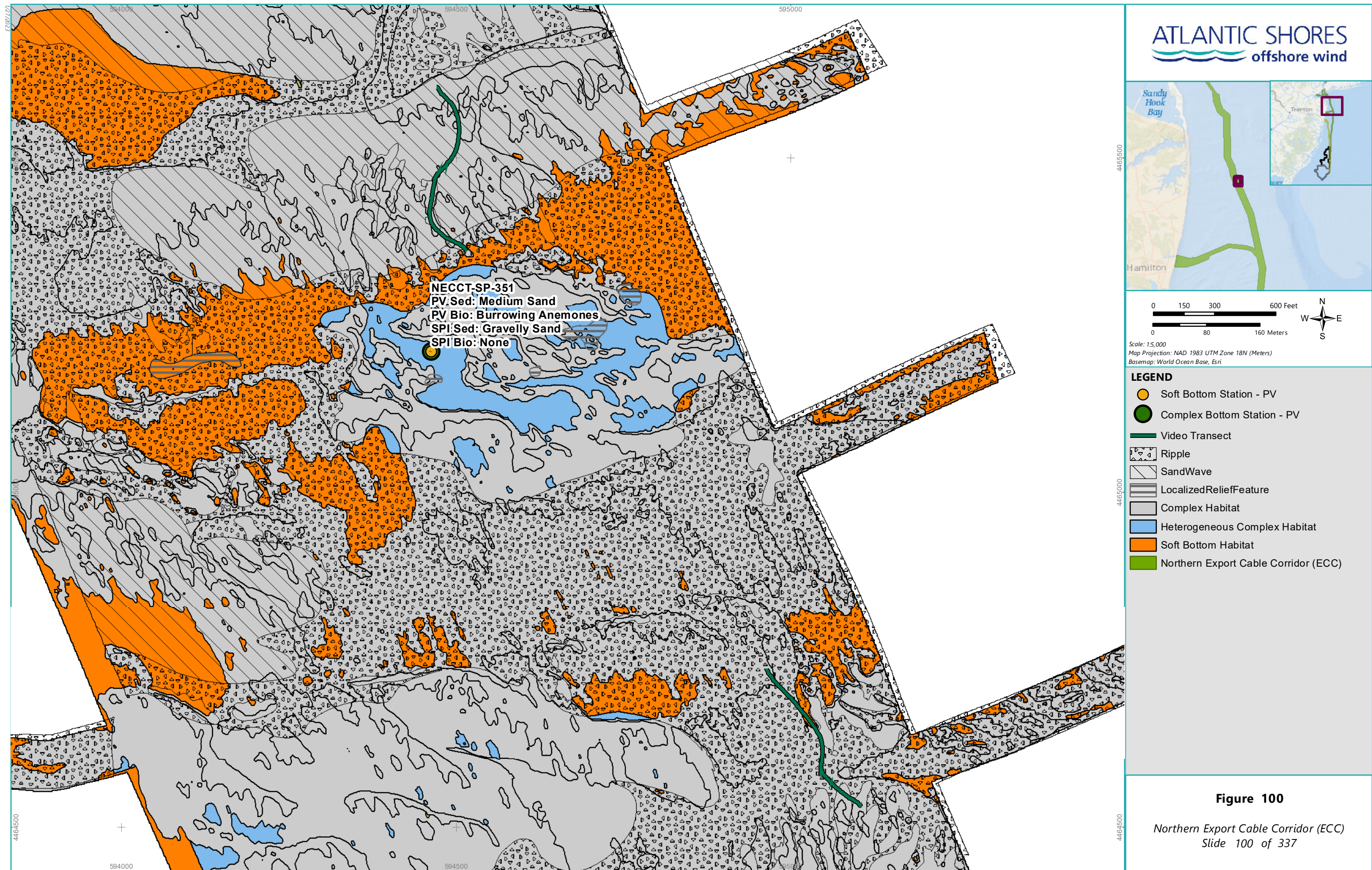
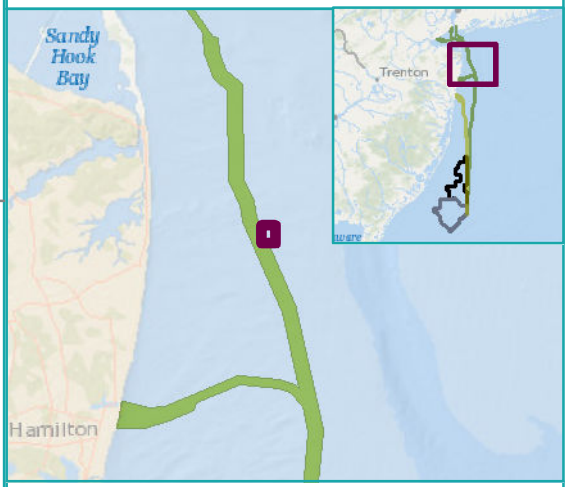
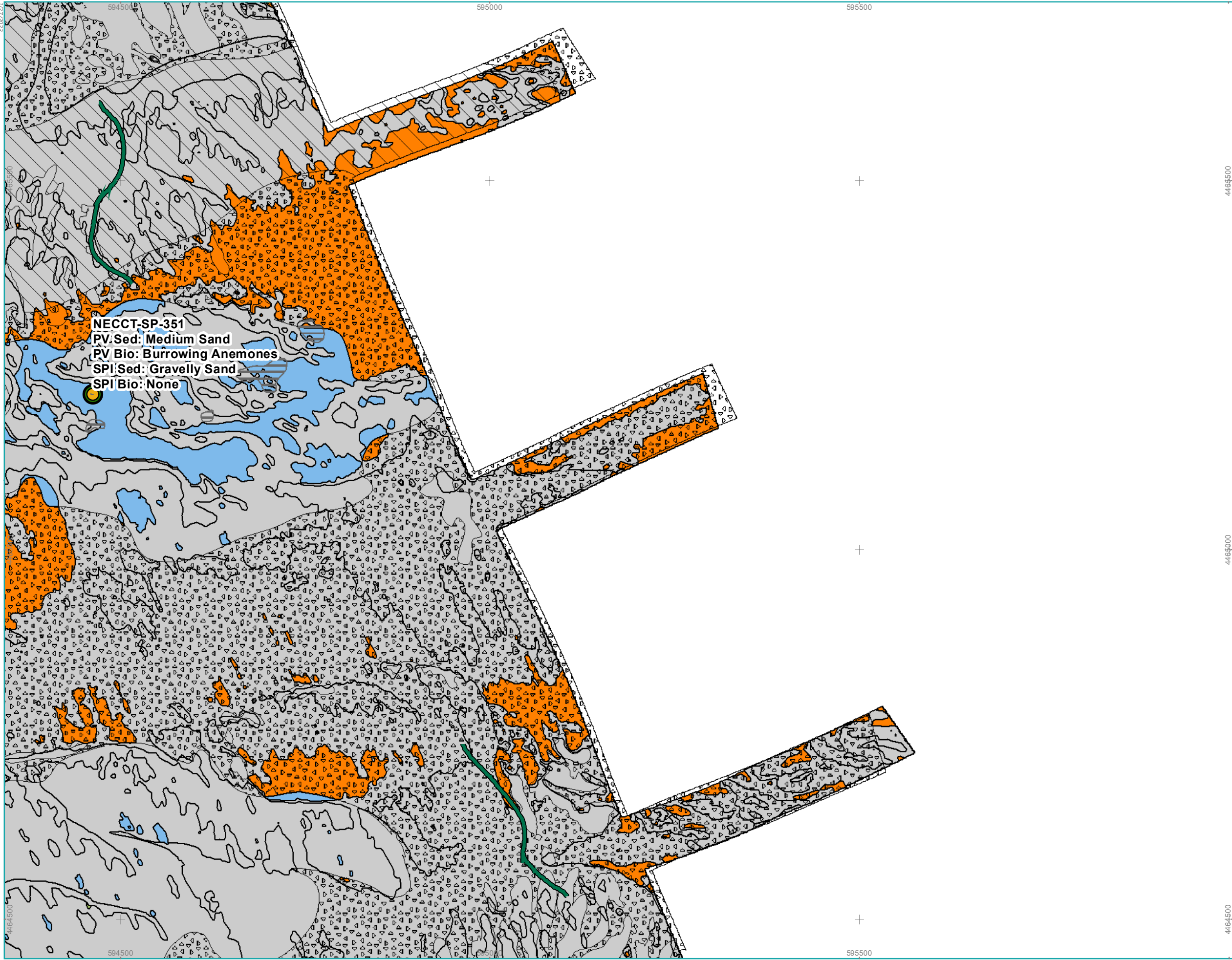


Figure 99



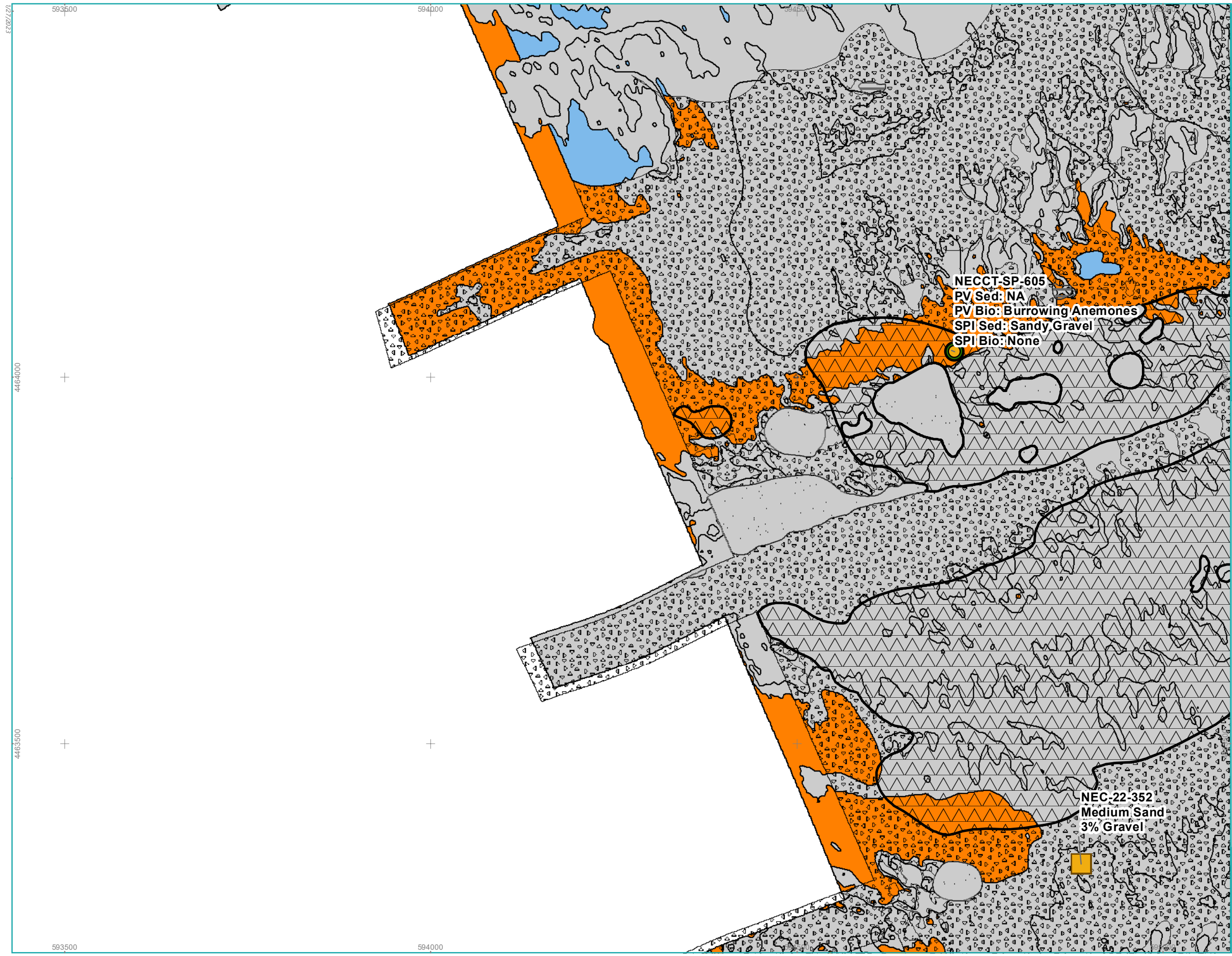


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Complex Bottom Station - PV
 - Video Transect
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 101

Northern Export Cable Corridor (ECC)
Slide 101 of 337

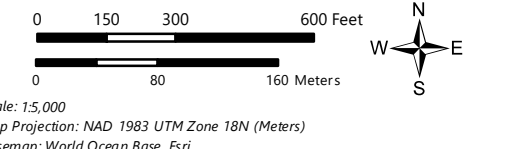
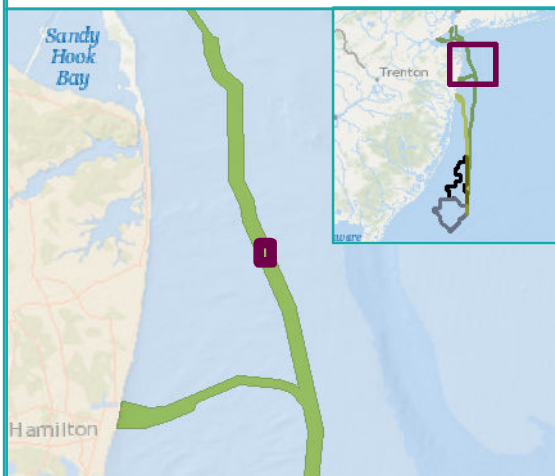
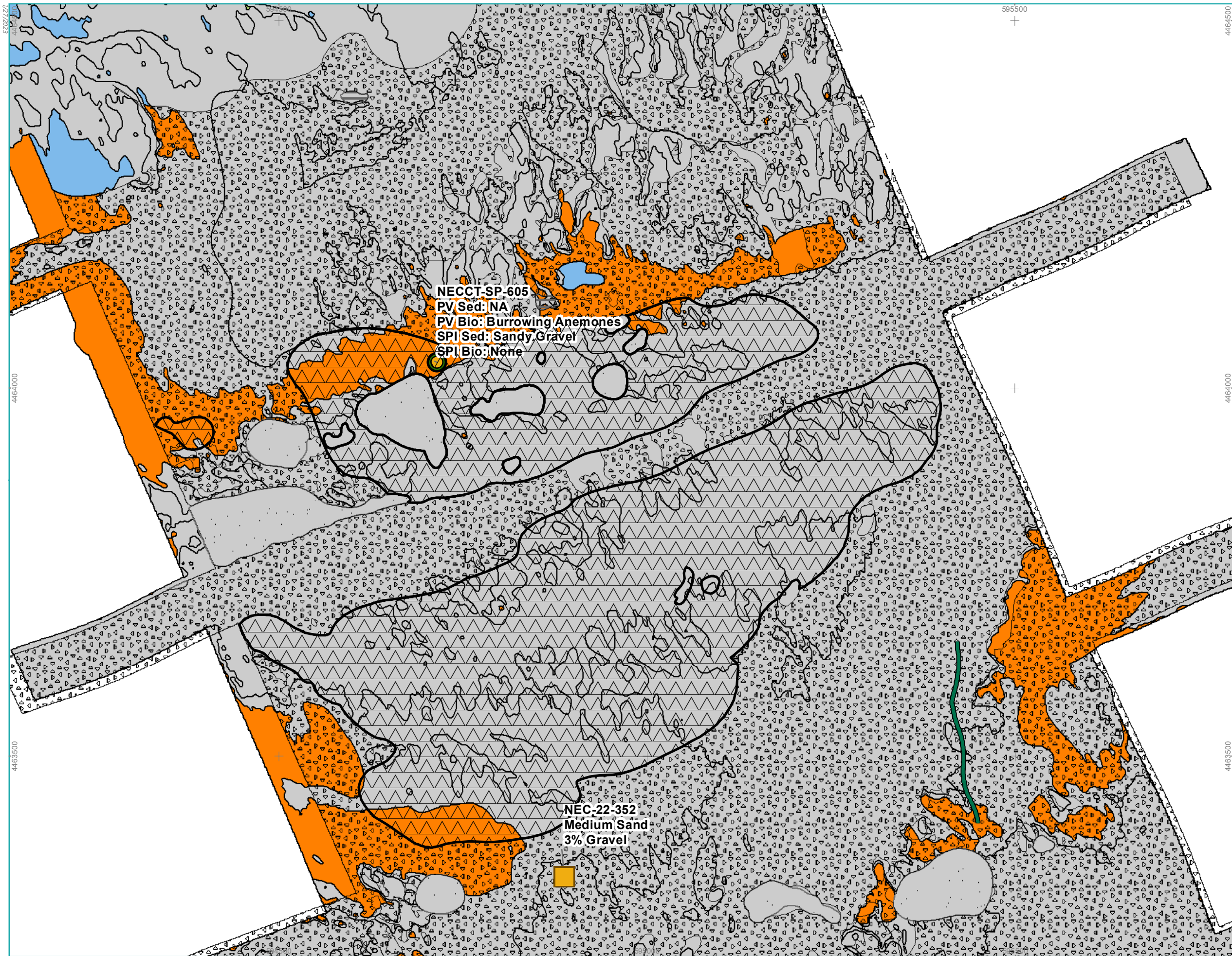


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

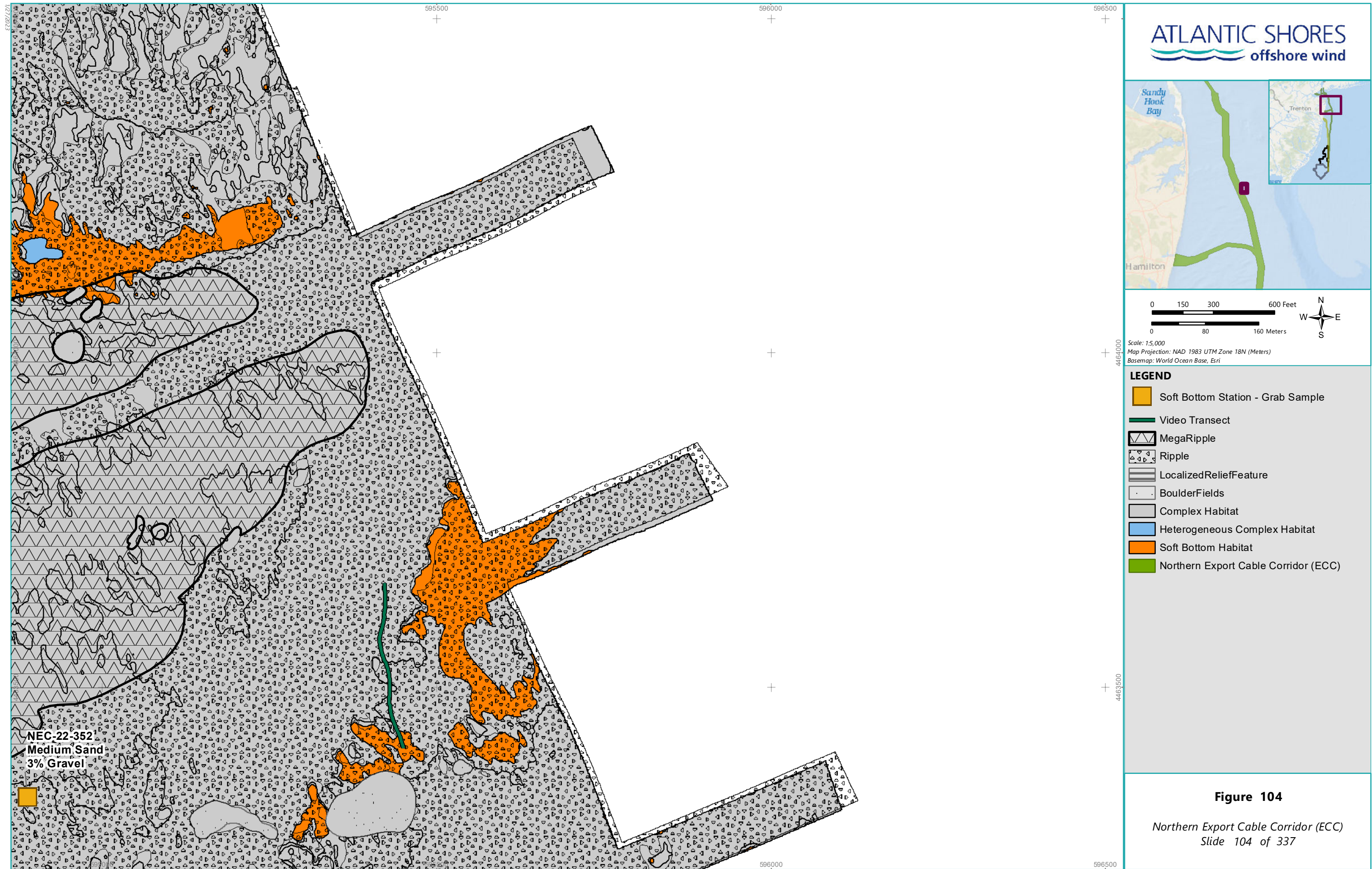
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - Grab Sample
- MegaRipple
- Ripple
- LocalizedReliefFeature
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

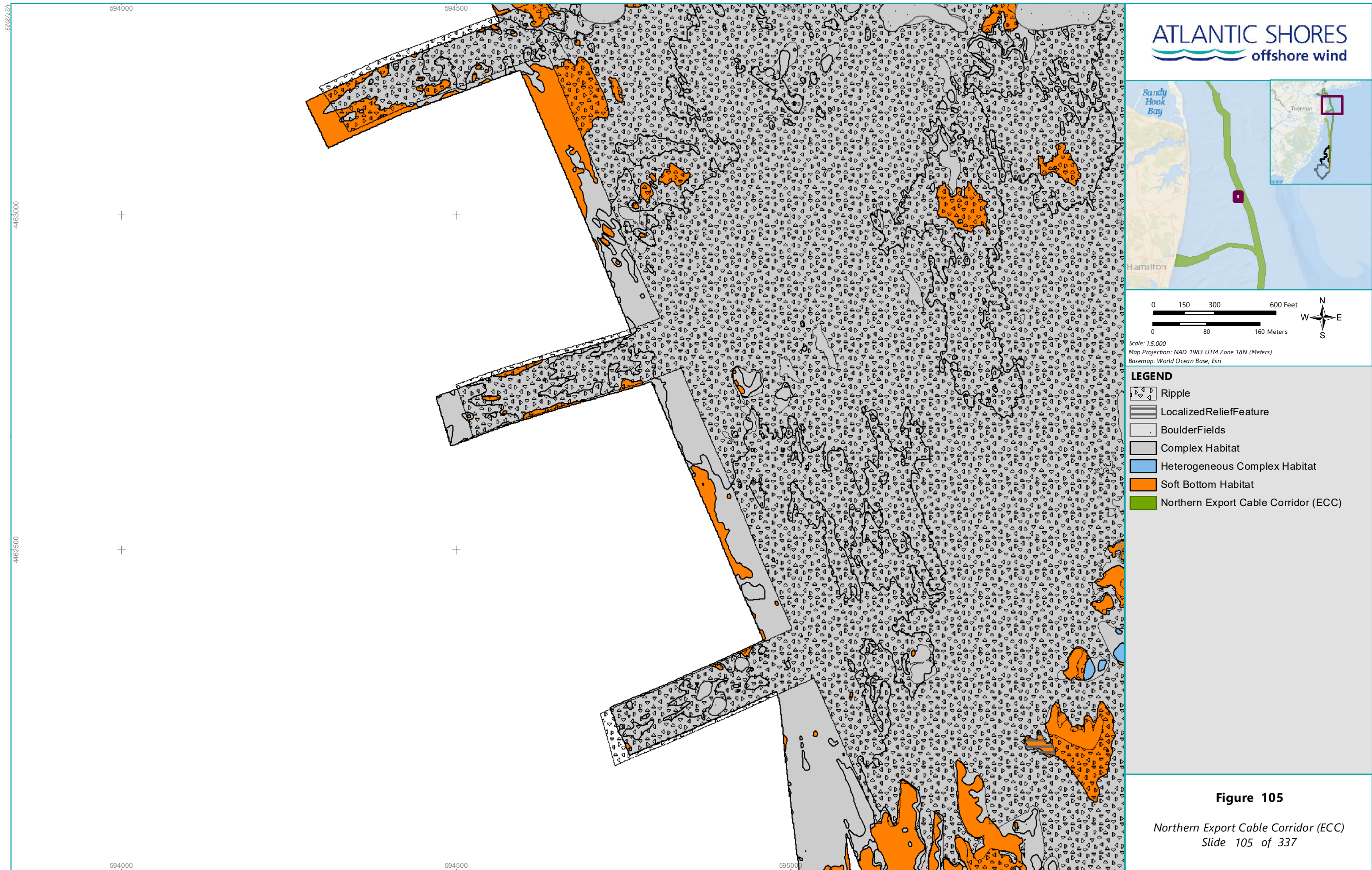
Figure 102

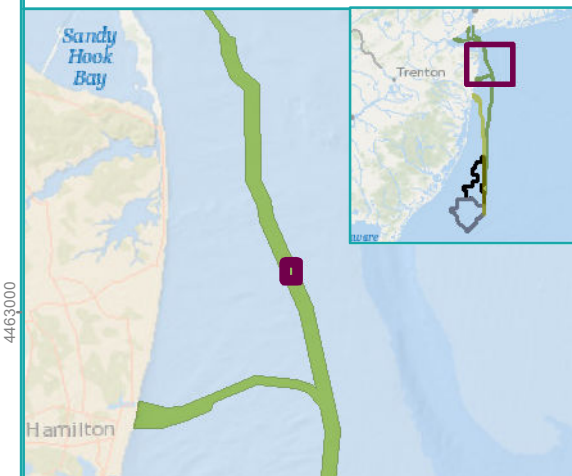
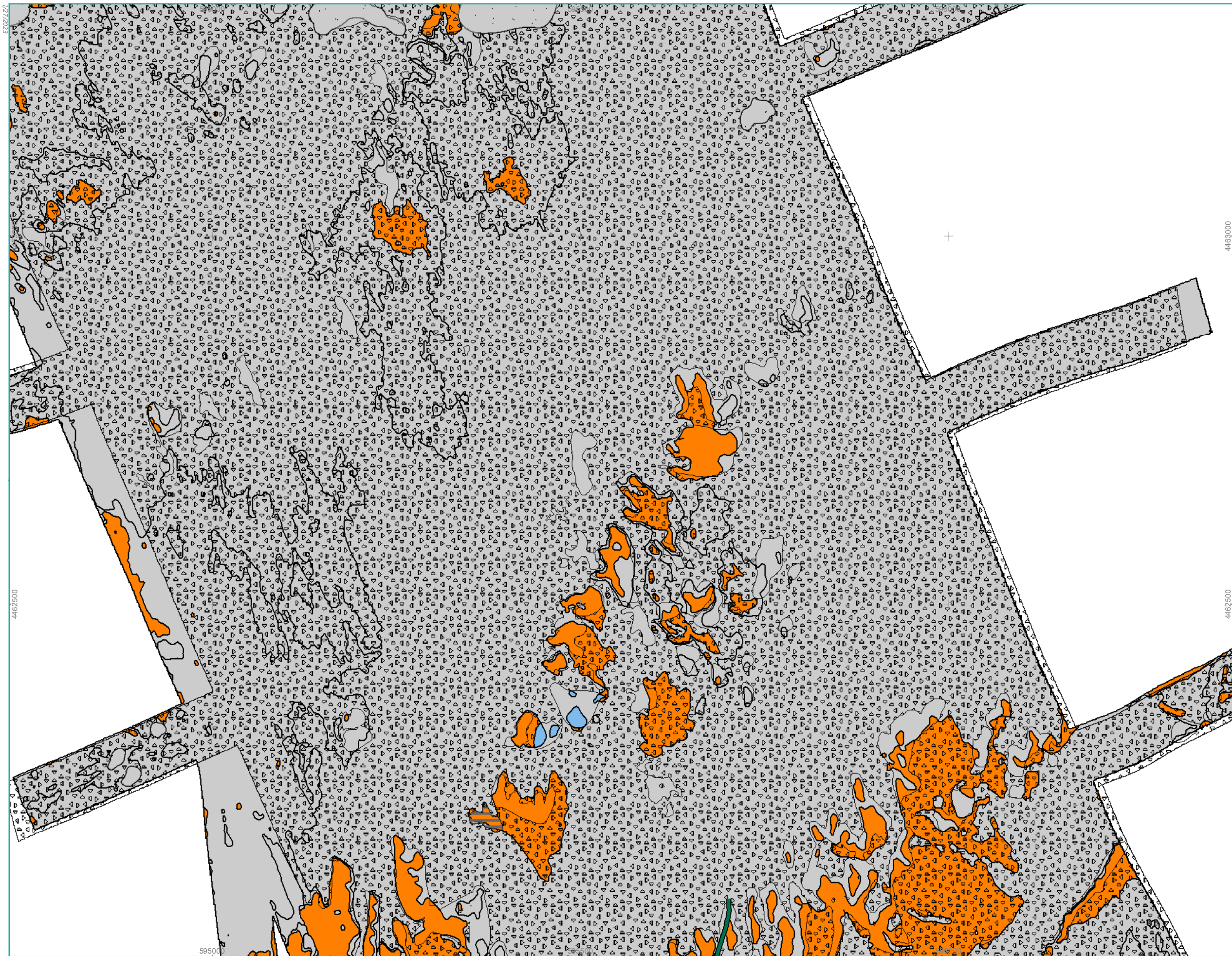


- LEGEND**
- Soft Bottom Station - PV
 - Complex Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - Video Transect
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 103





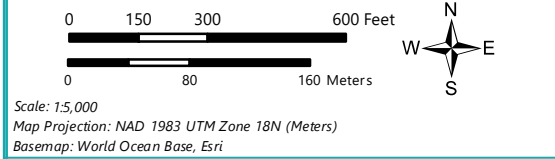
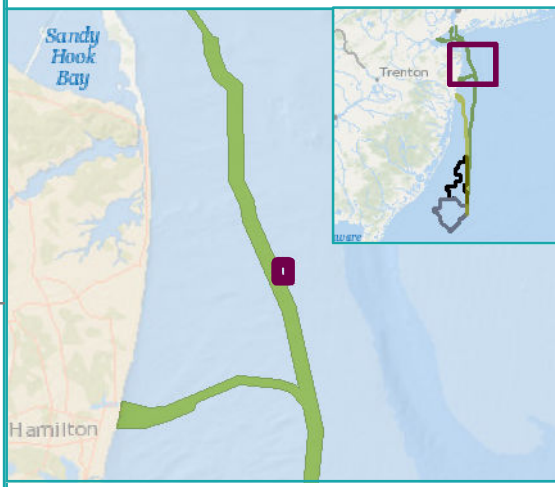
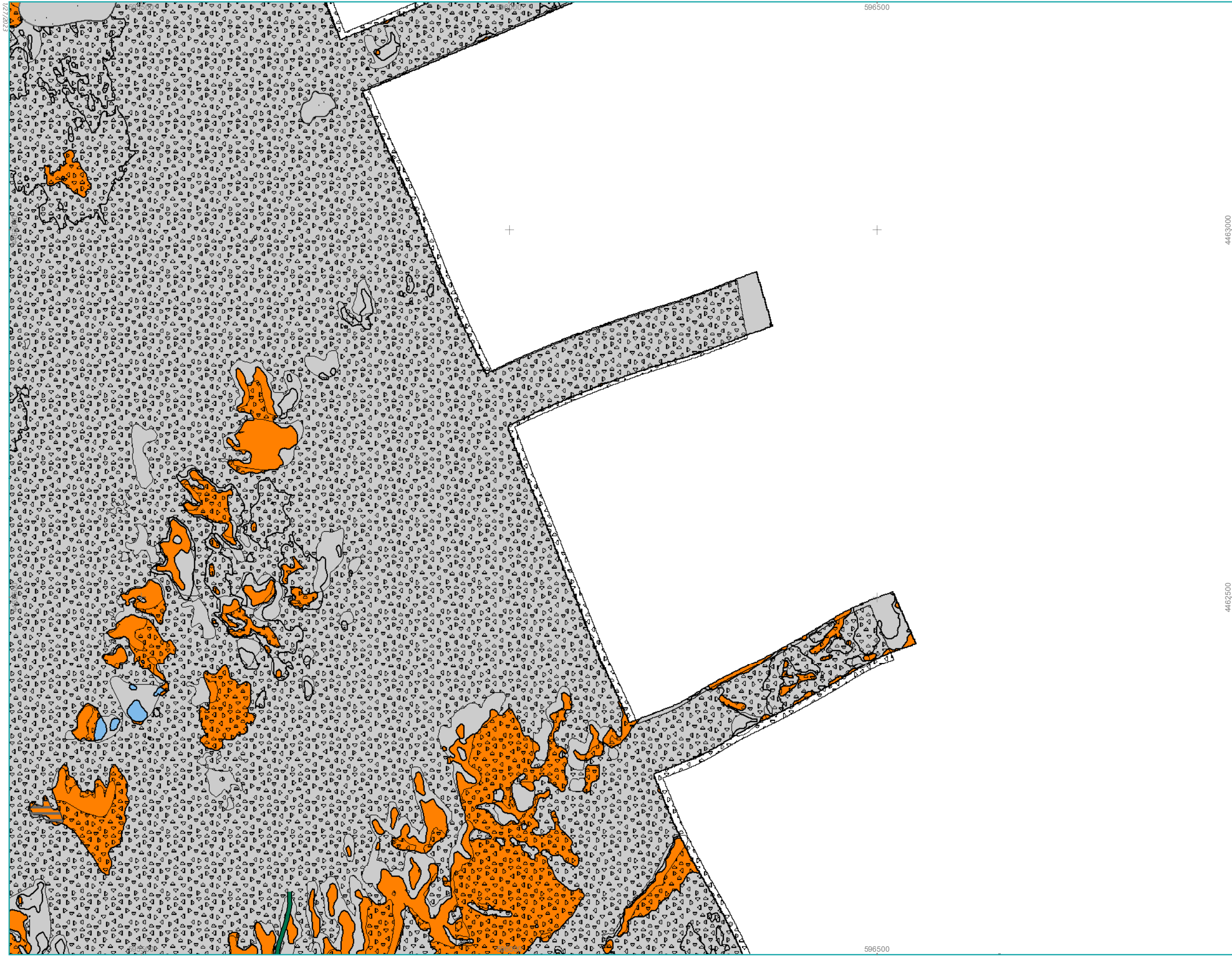


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - LocalizedReliefFeature
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

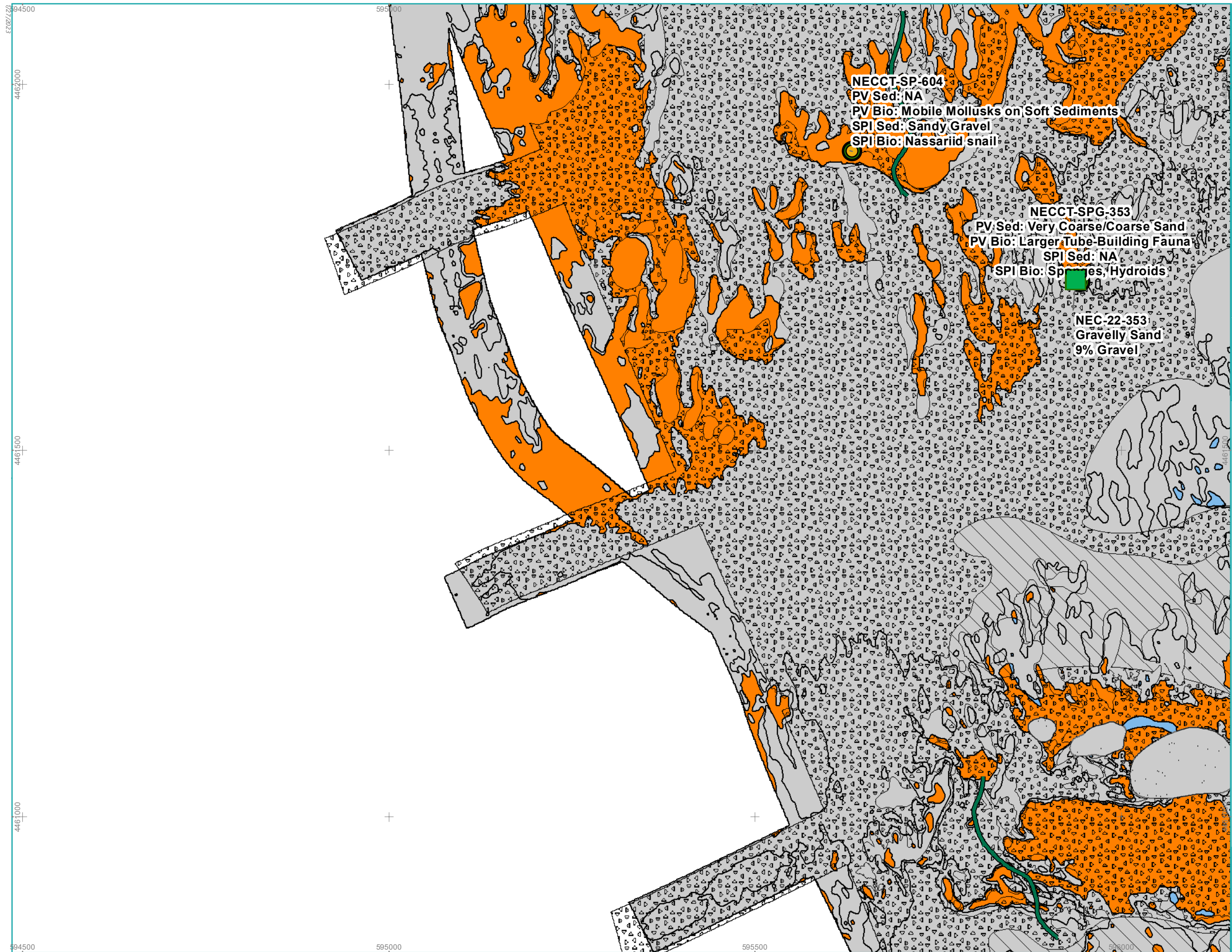
Figure 106

Northern Export Cable Corridor (ECC)
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- LEGEND**
- Video Transect
 - Ripple
 - LocalizedReliefFeature
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 107

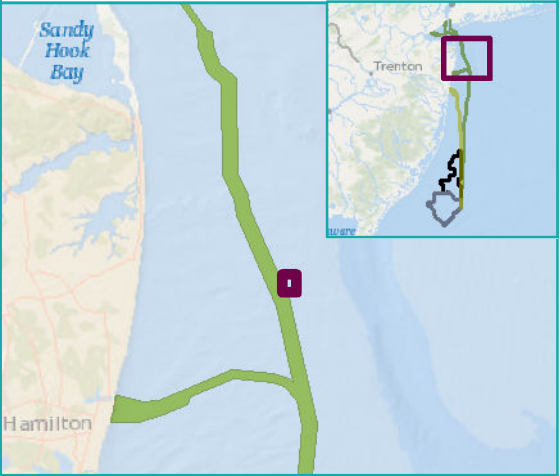
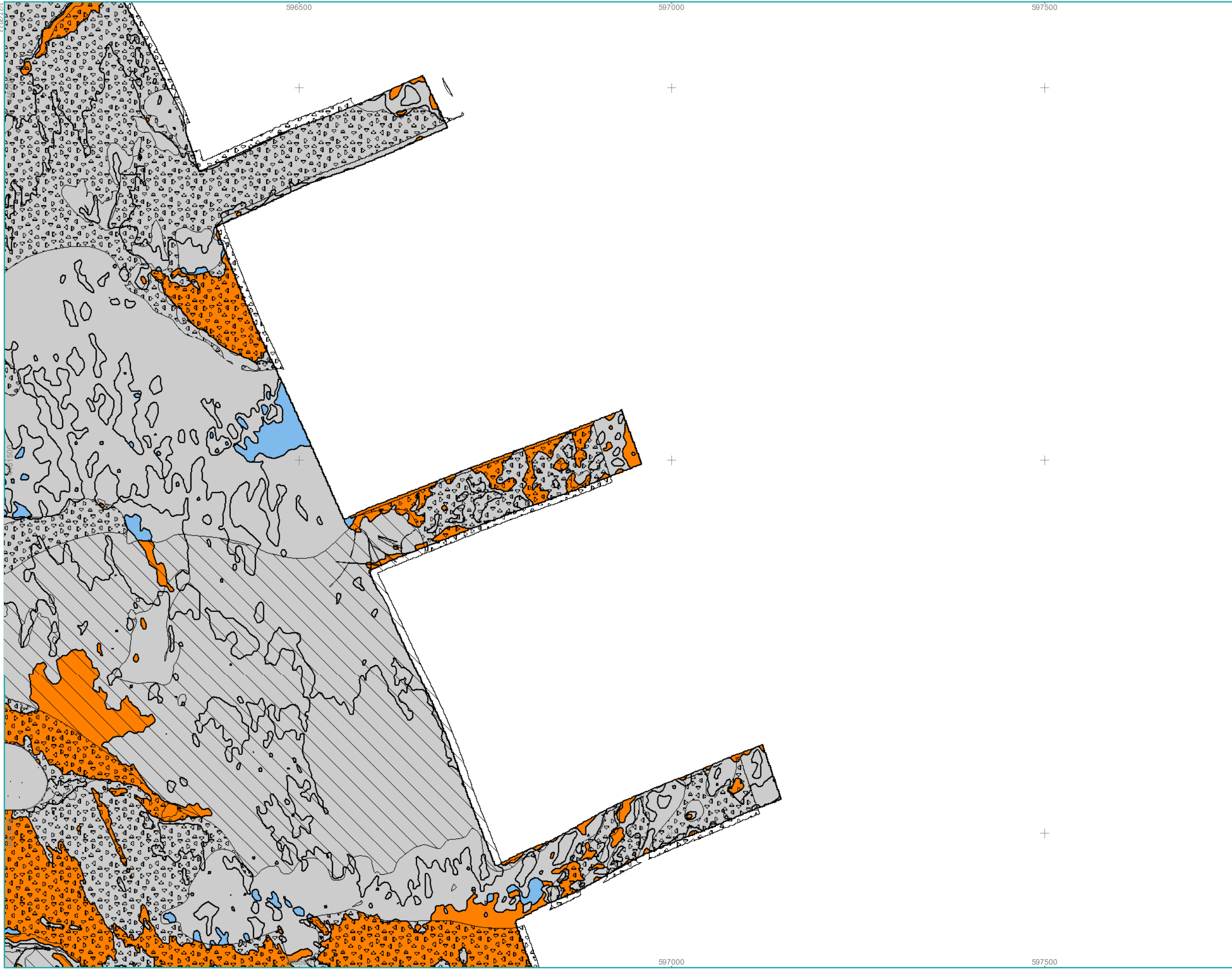


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Complex Bottom Station - Grab Sample
- Video Transect
- Ripple
- SandWave
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 108

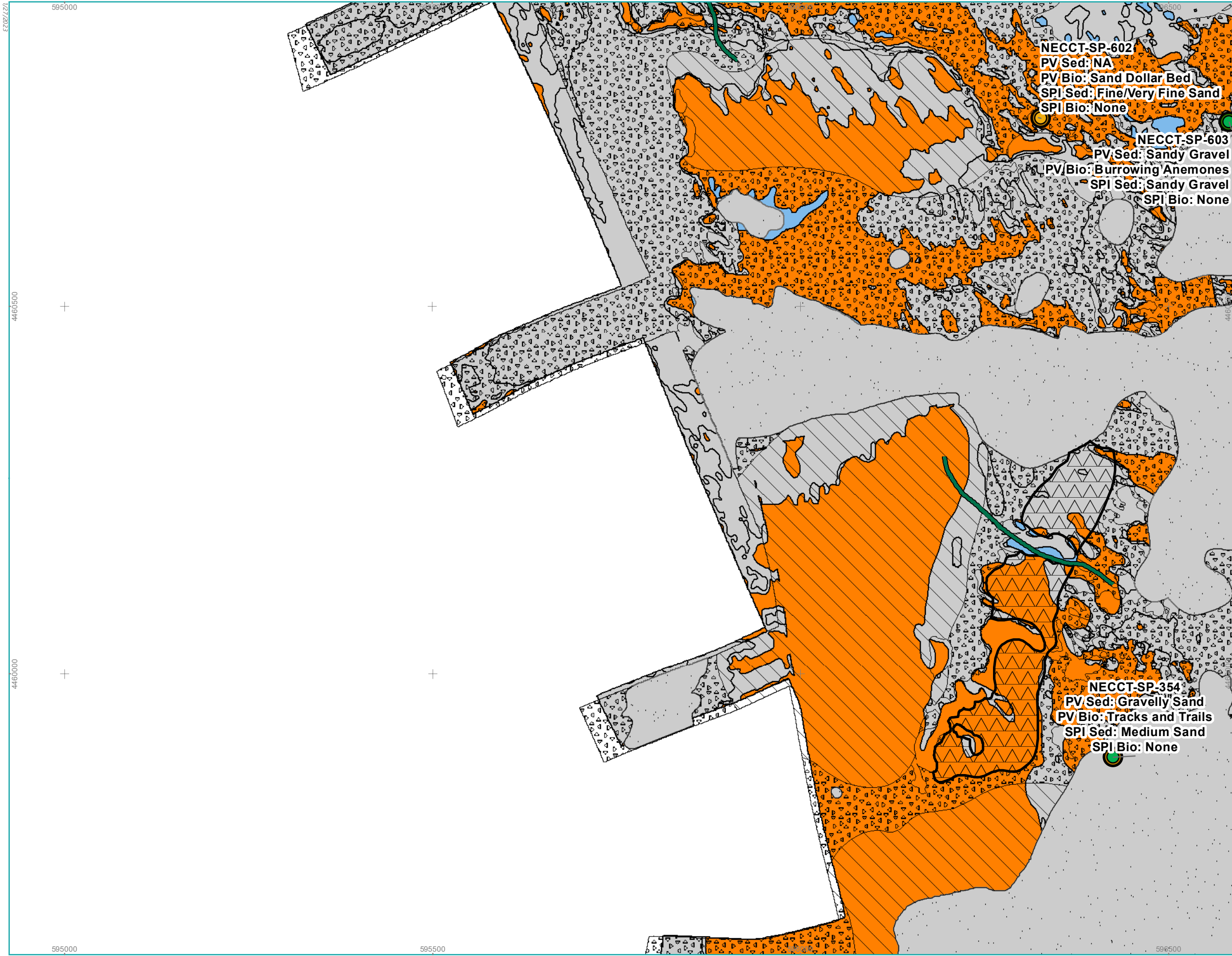


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 110

Northern Export Cable Corridor (ECC)
Slide 110 of 337



0 150 300 600 Feet
0 80 160 Meters

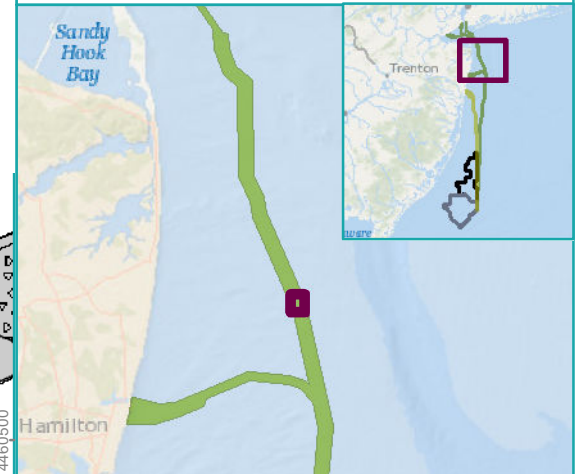
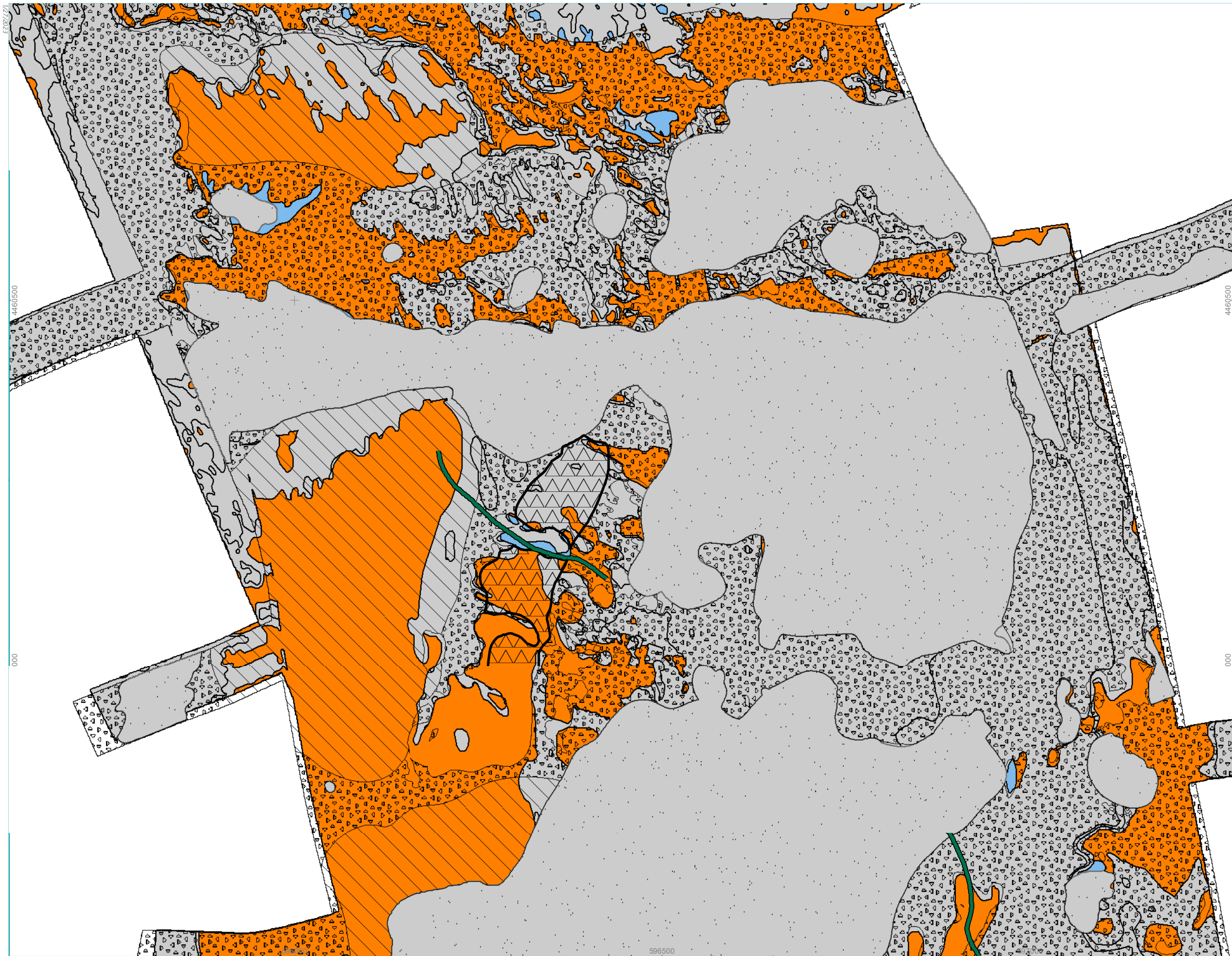
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Video Transect
- MegaRipple
- Ripple
- SandWave
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 111

Northern Export Cable Corridor (ECC)
Slide 111 of 337

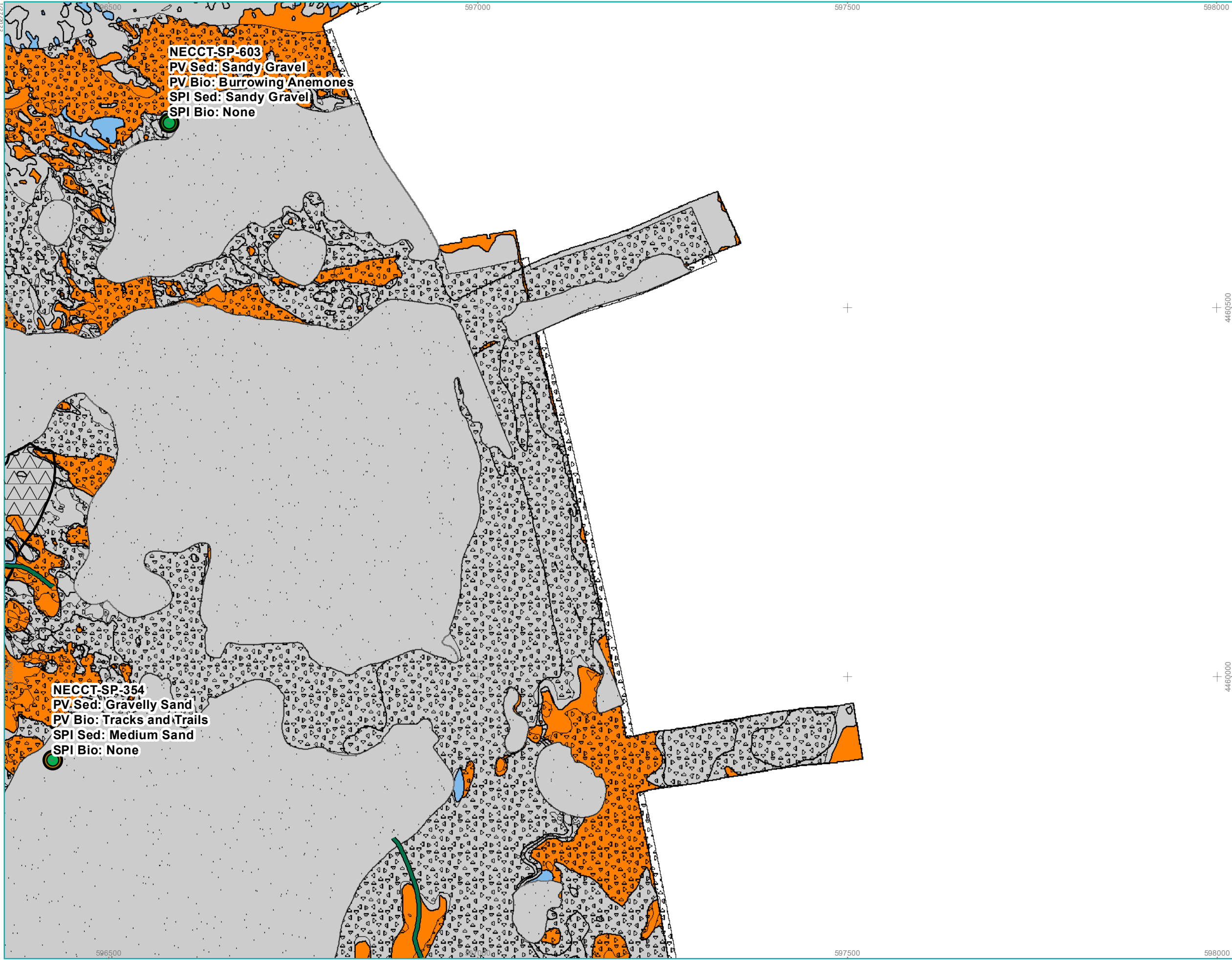


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

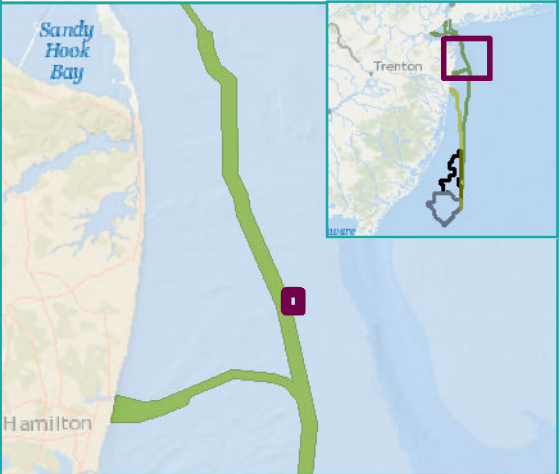
Figure 112

Northern Export Cable Corridor (ECC)
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NECCT-SP-603
PV Sed: Sandy Gravel
PV Bio: Burrowing Anemones
SPI Sed: Sandy Gravel
SPI Bio: None

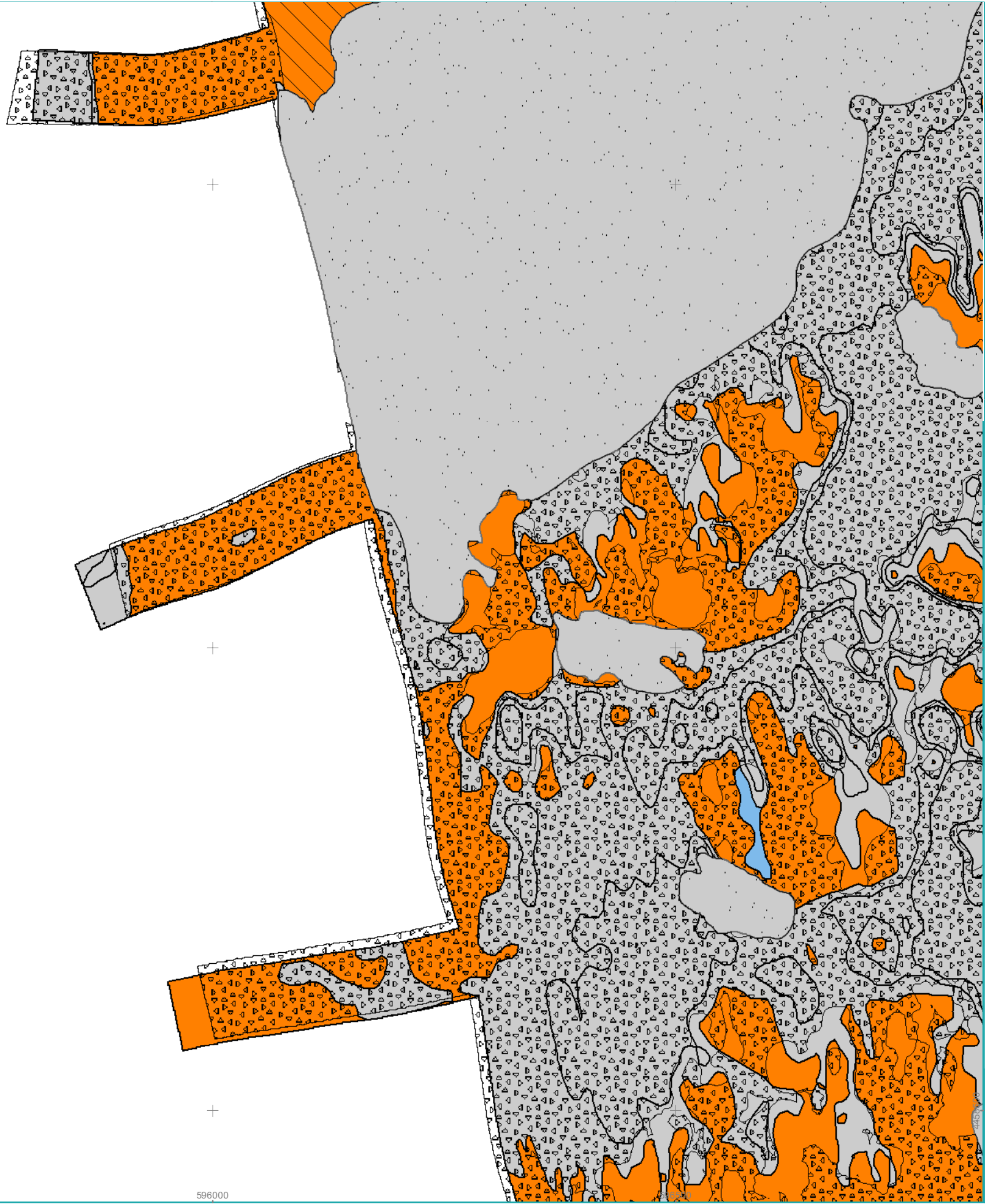
NECCT-SP-354
PV Sed: Gravelly Sand
PV Bio: Tracks and Trails
SPI Sed: Medium Sand
SPI Bio: None



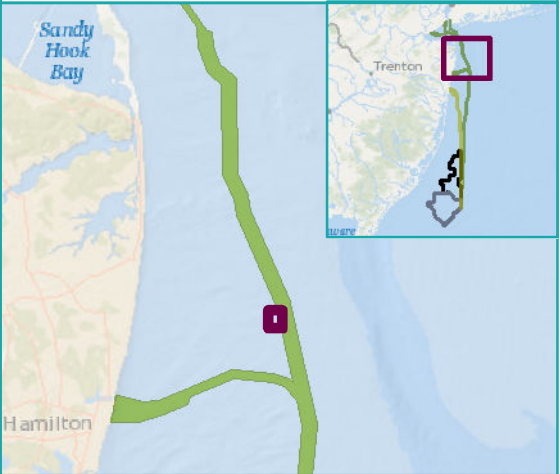
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - MegaRipple
 - Ripple
 - SandWave
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 113



ATLANTIC SHORES offshore wind



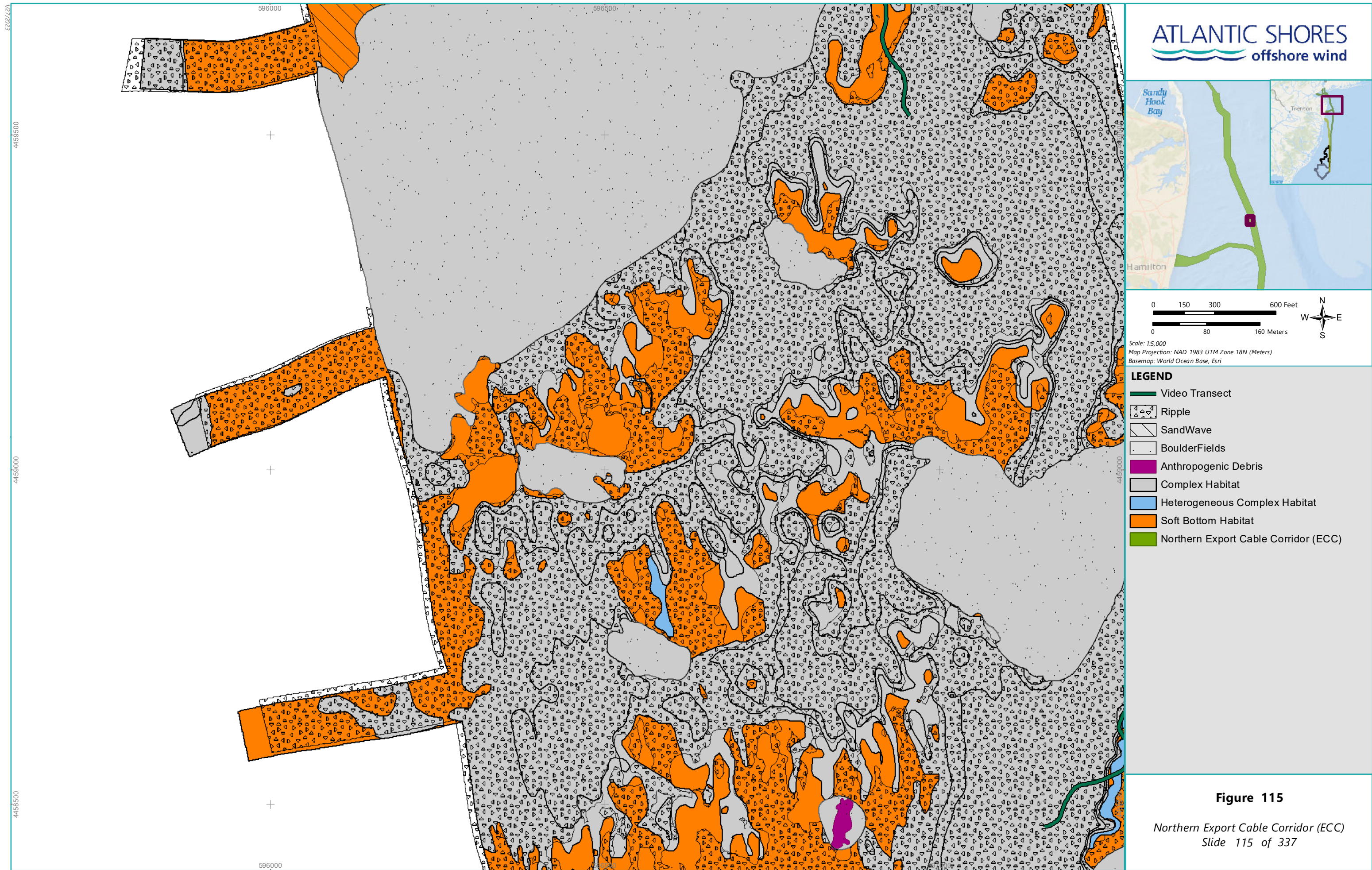
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

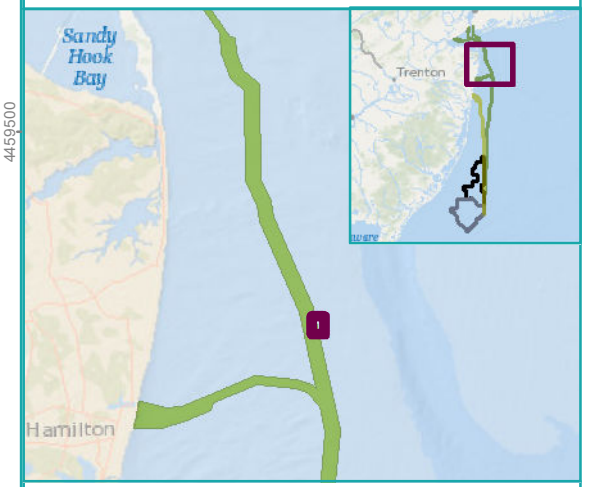
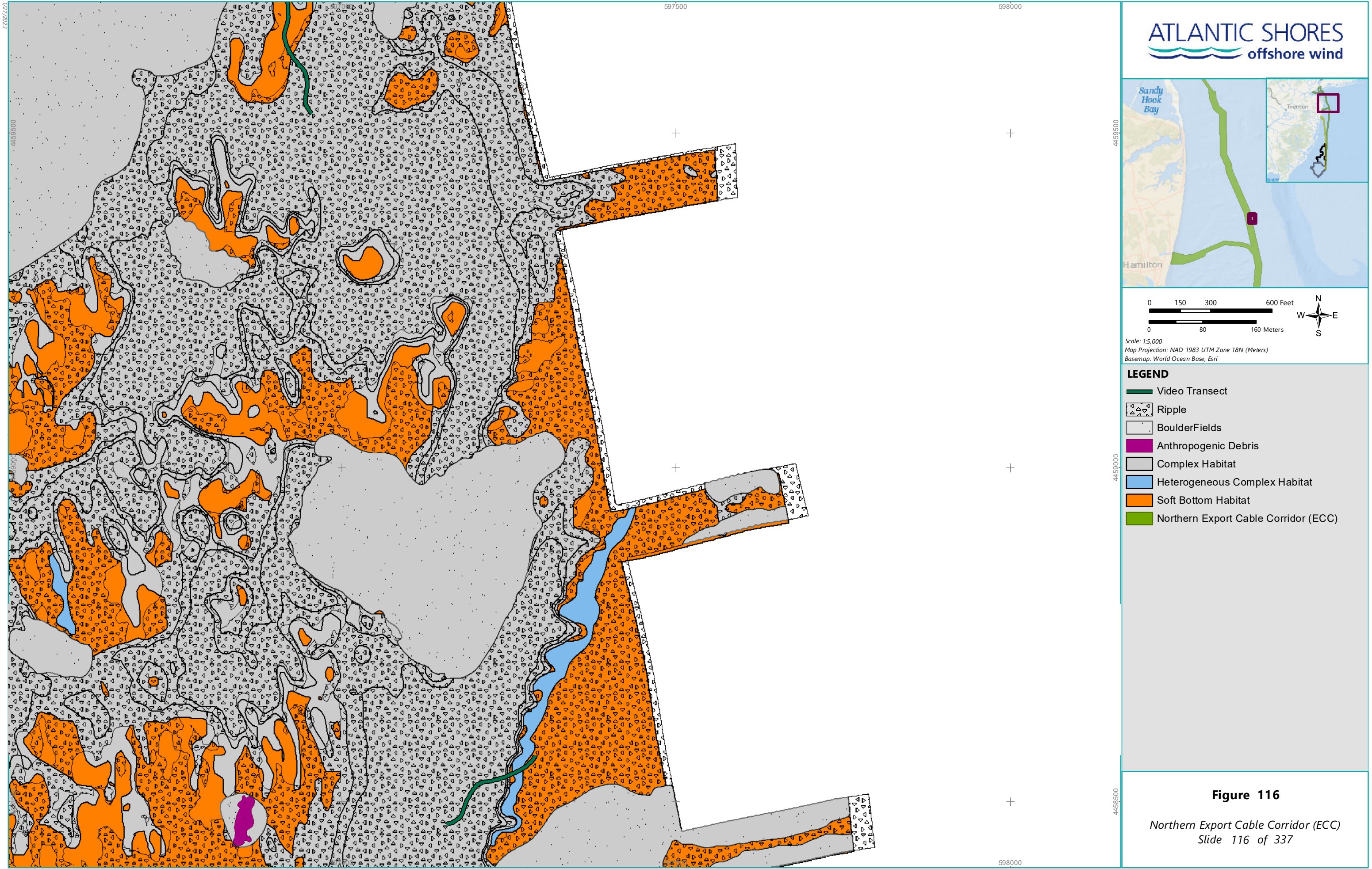
LEGEND

- Ripple
- SandWave
- BoulderFields
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 114

Northern Export Cable Corridor (ECC)
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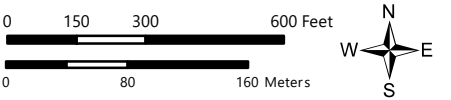
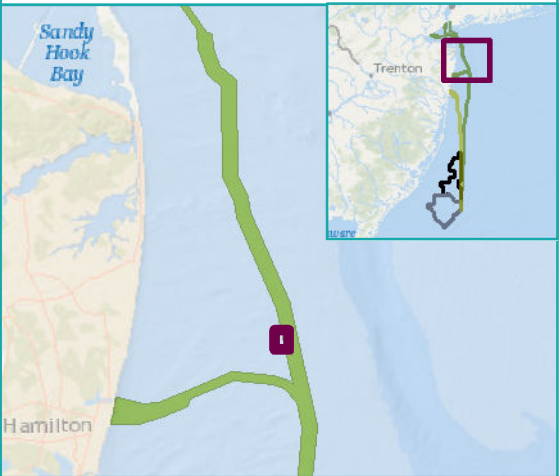
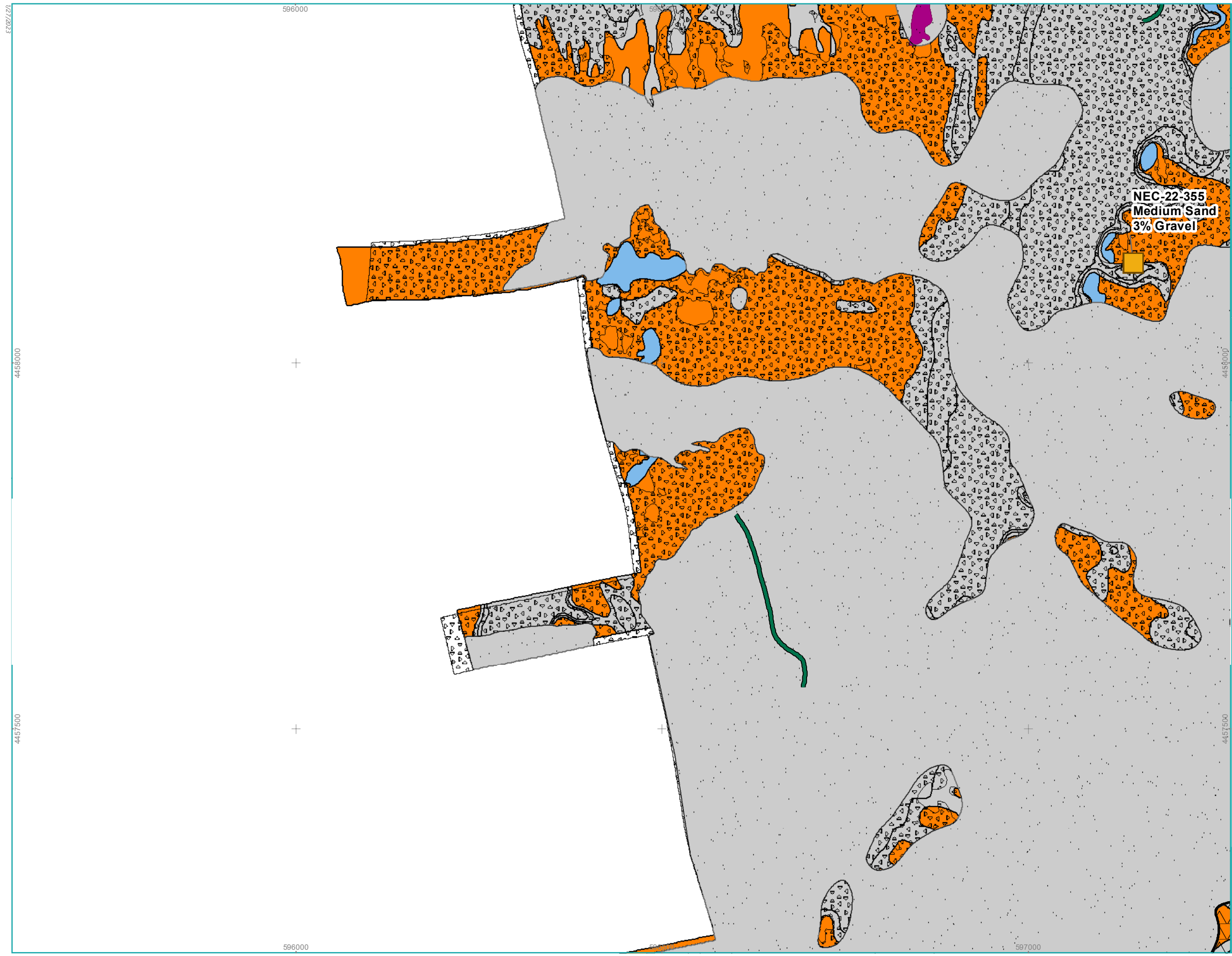




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - BoulderFields
 - Anthropogenic Debris
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 116
Northern Export Cable Corridor (ECC)
Slide 116 of 337

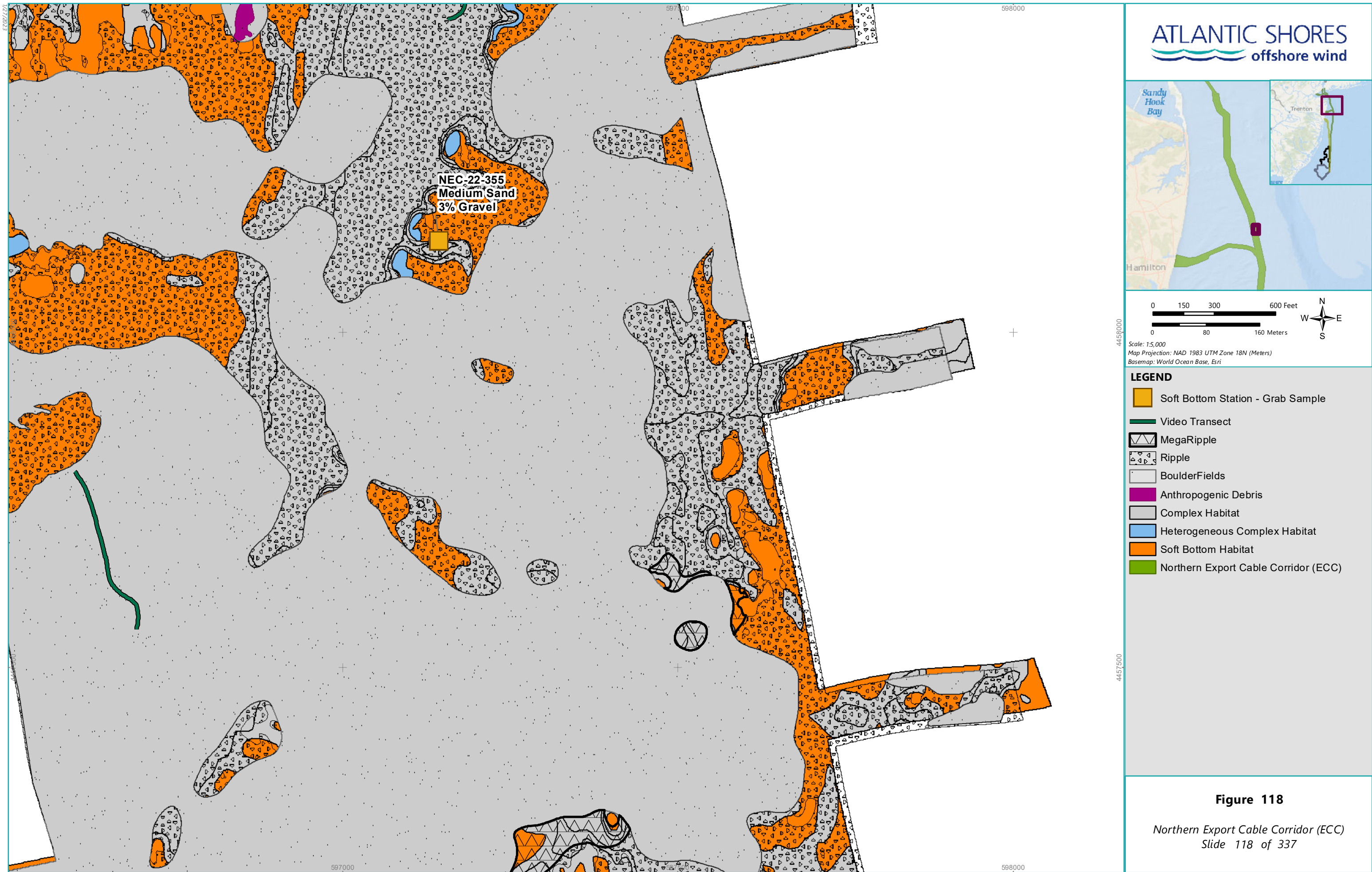


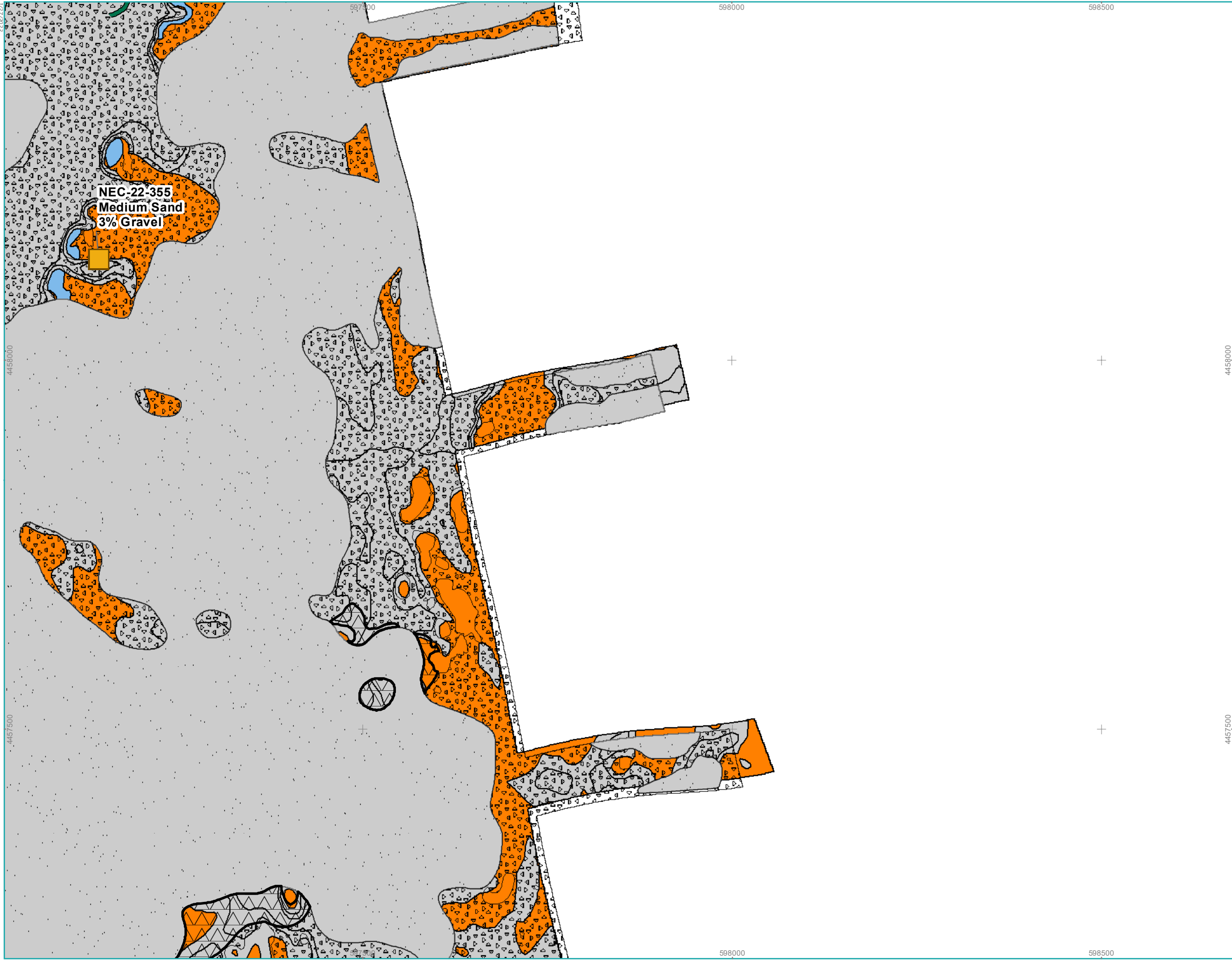
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Video Transect
 - MegaRipple
 - Ripple
 - BoulderFields
 - Anthropogenic Debris
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 117

Northern Export Cable Corridor (ECC)
Slide 117 of 337





0150300600

Feet

080160

Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

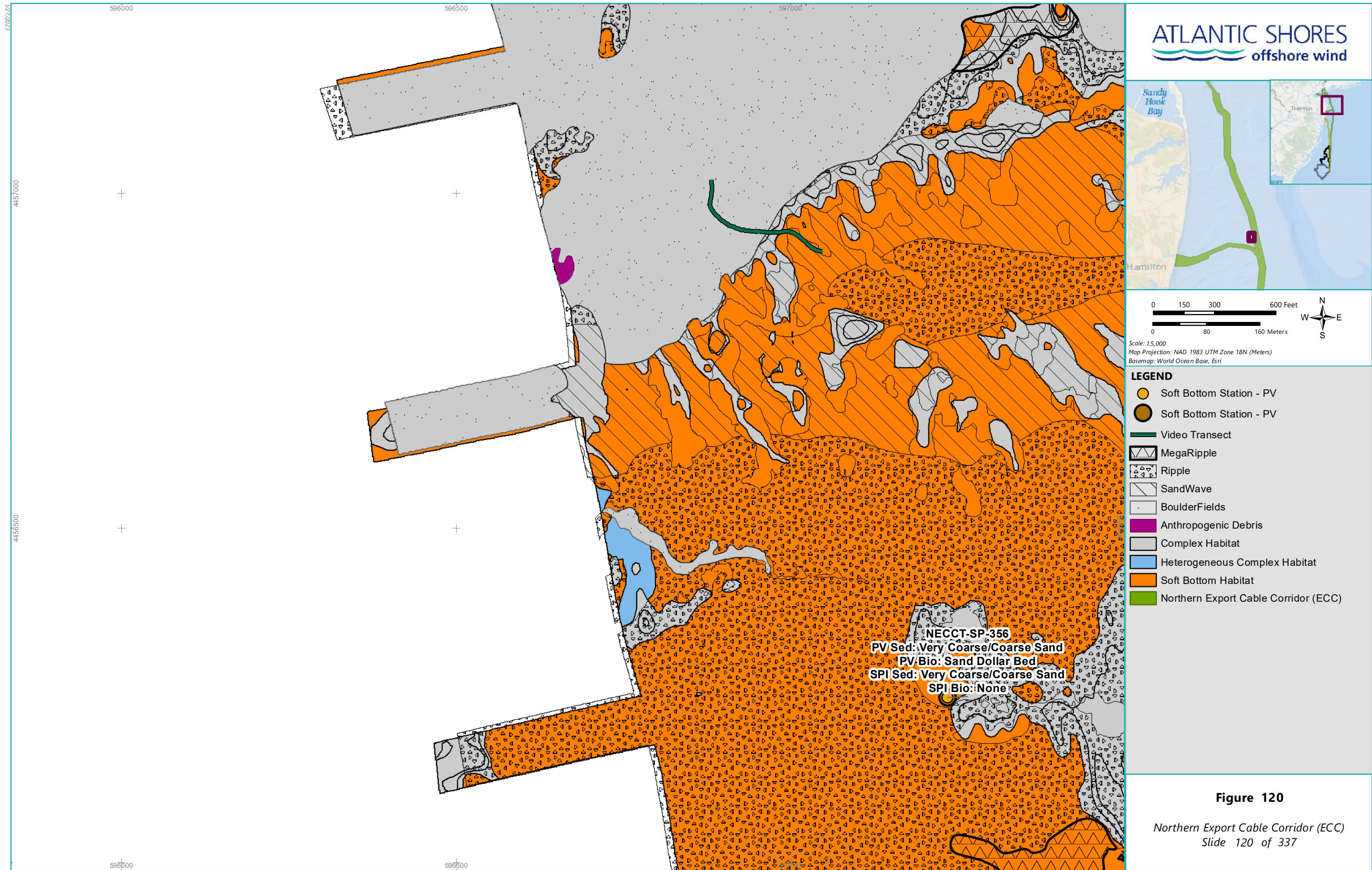
Basemap: World Ocean Base, Esri

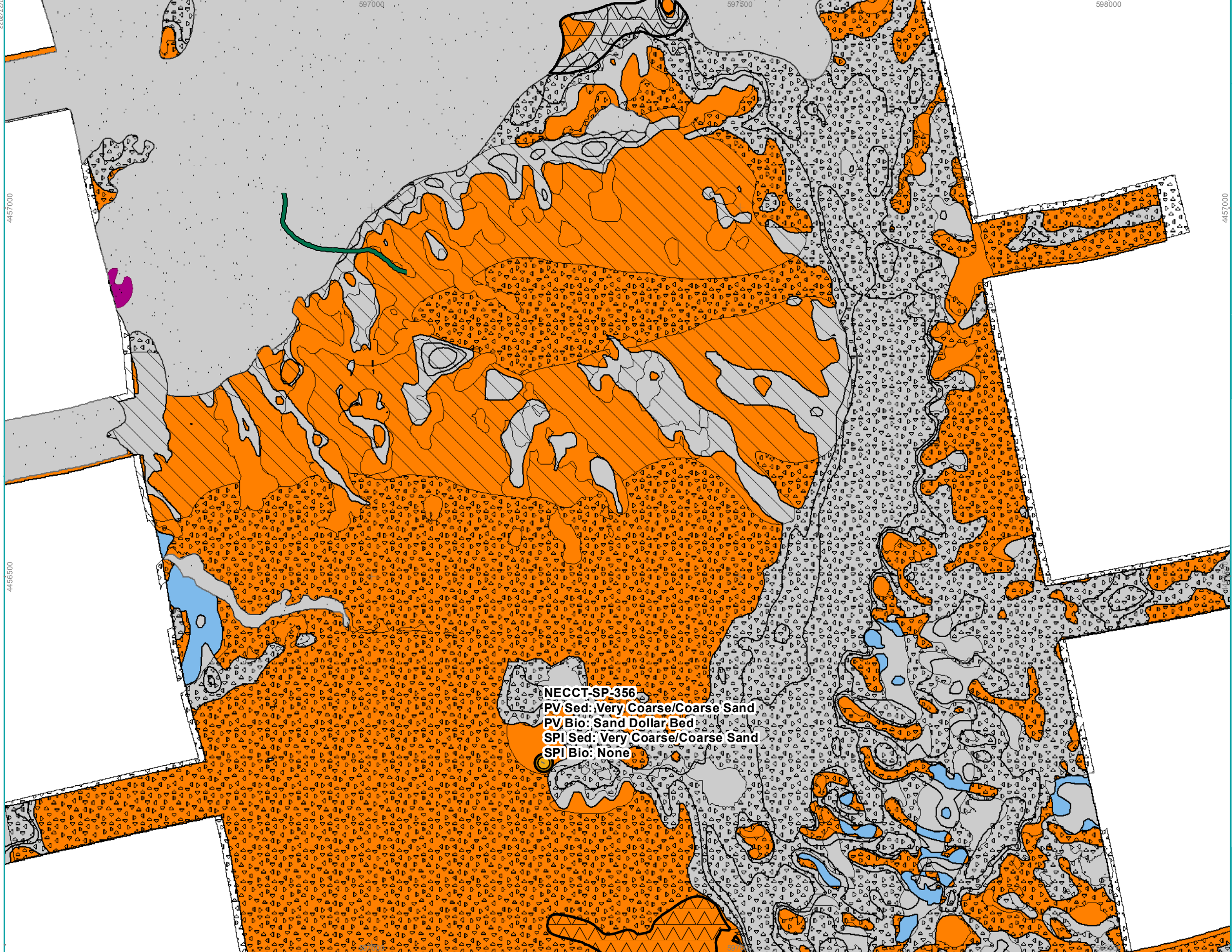
- LEGEND**
- Soft Bottom Station - Grab Sample
 - Video Transect
 - MegaRipple
 - Ripple
 - BoulderFields
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 119

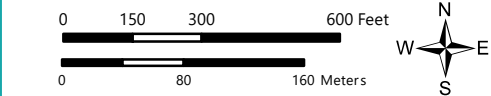
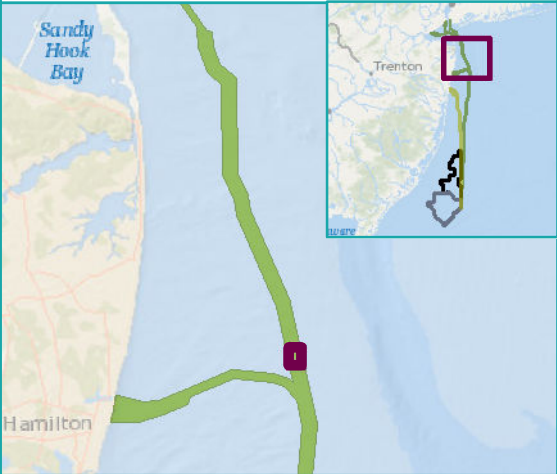
Northern Export Cable Corridor (ECC)

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7/27/2023
4457000
4456500



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Video Transect
 - MegaRipple
 - Ripple
 - SandWave
 - BoulderFields
 - Anthropogenic Debris
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 121

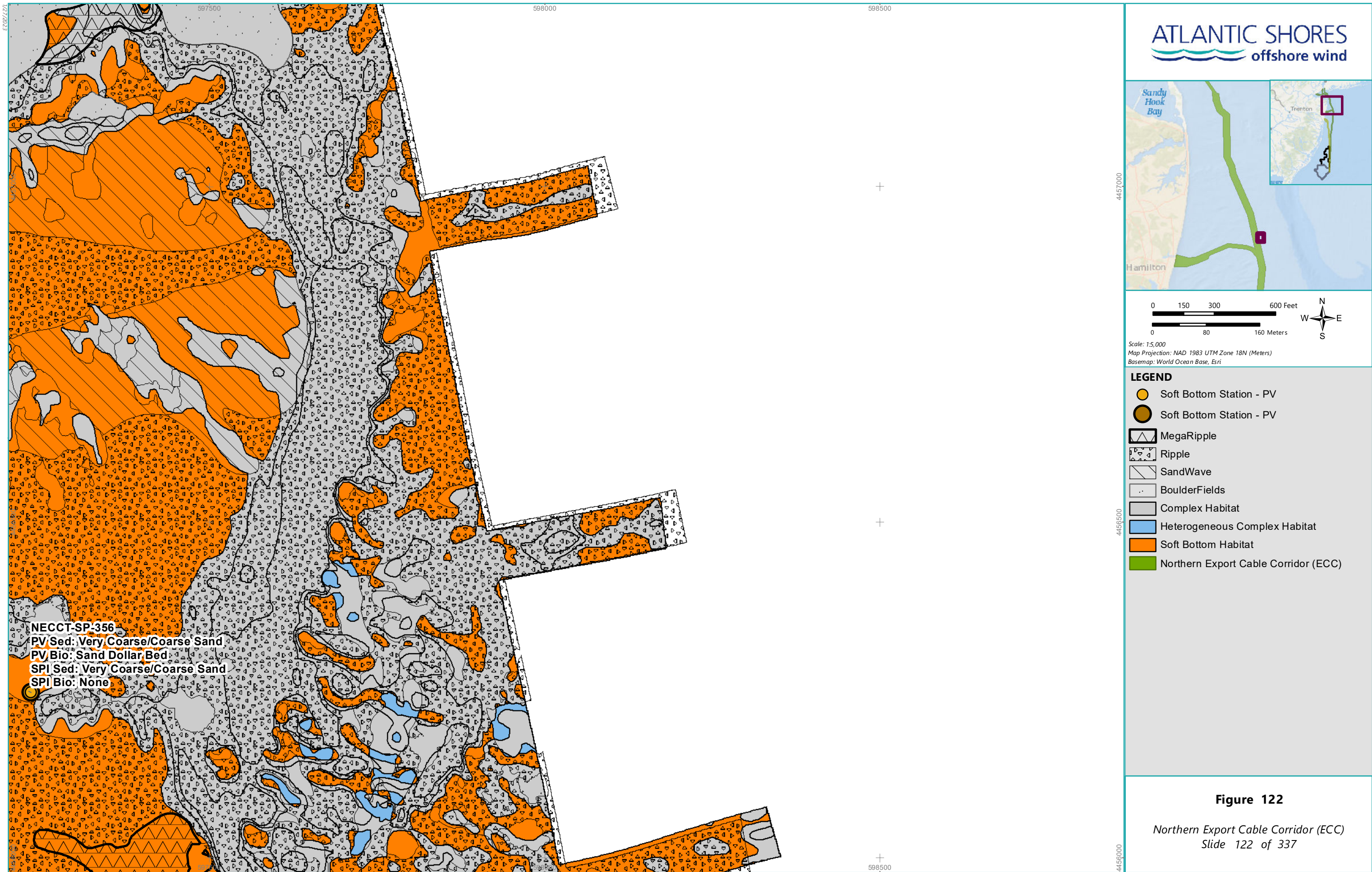




Figure 123

Northern Export Cable Corridor (ECC)
Slide 123 of 337

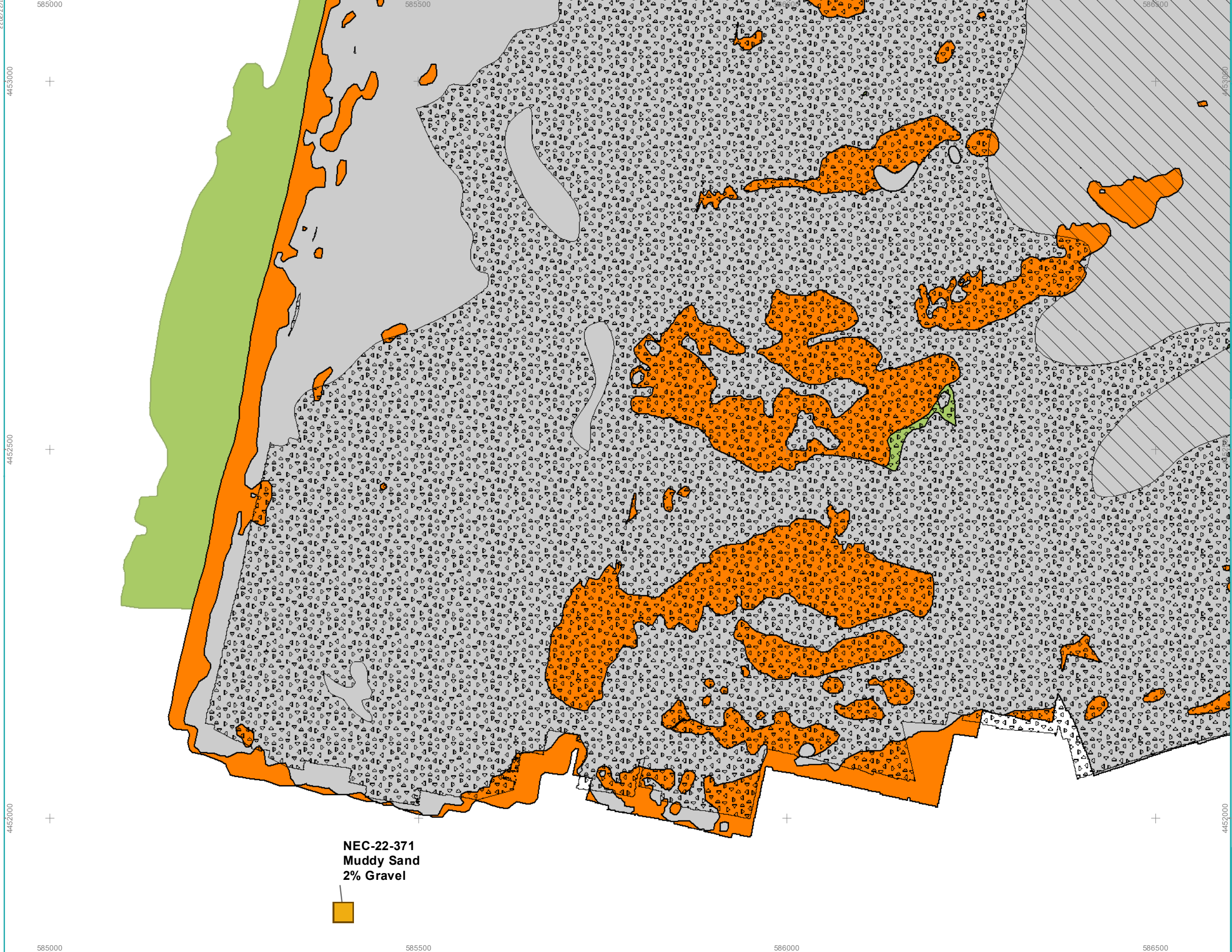


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 124

Northern Export Cable Corridor (ECC)
Slide 124 of 337



ATLANTIC SHORES
offshore wind

Sandy Hook Bay
Hamilton
Trenton

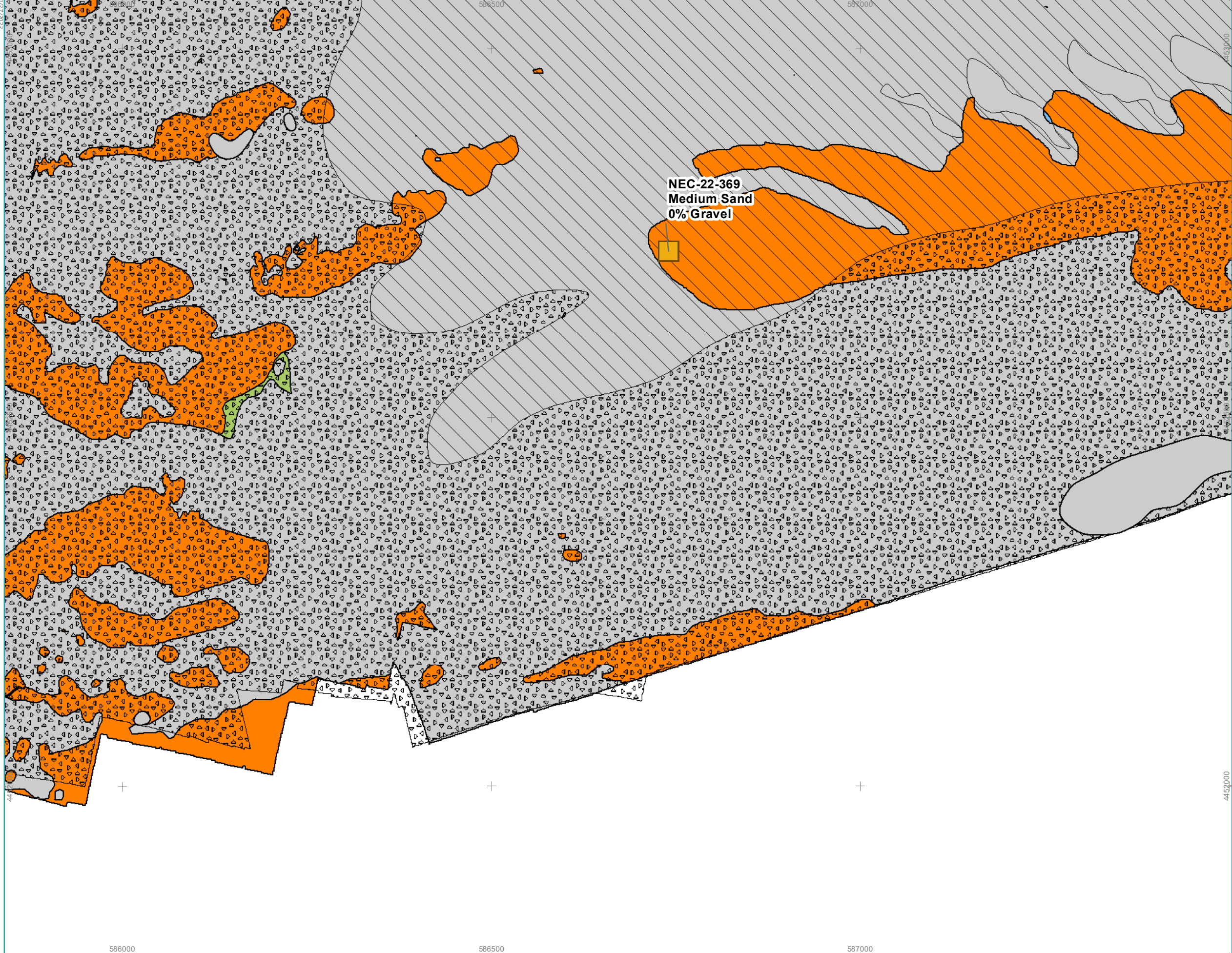
0 150 300 600 Feet
0 80 160 Meters

Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 125

Northern Export Cable Corridor (ECC)
Slide 125 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

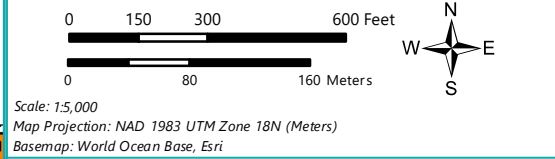
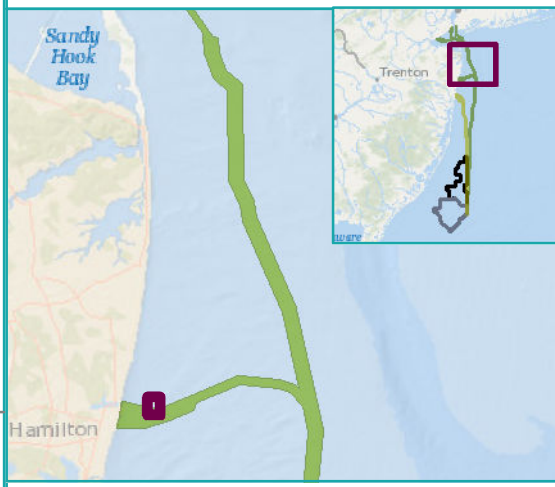
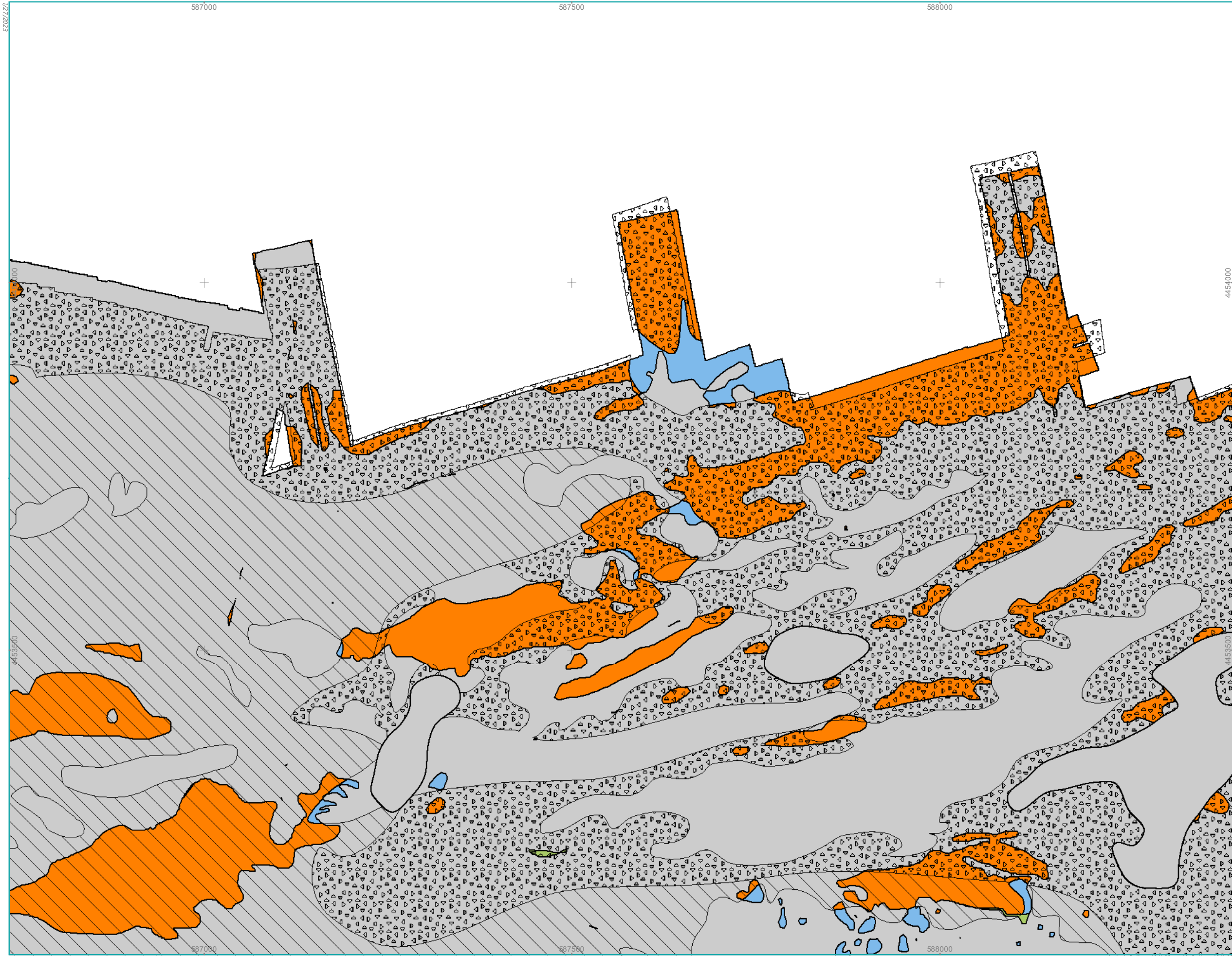
- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 127

Northern Export Cable Corridor (ECC)

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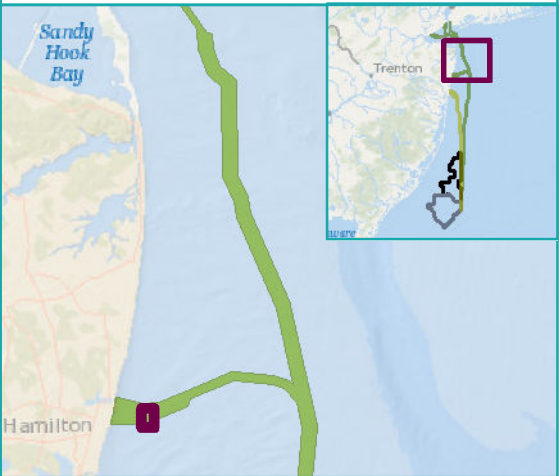
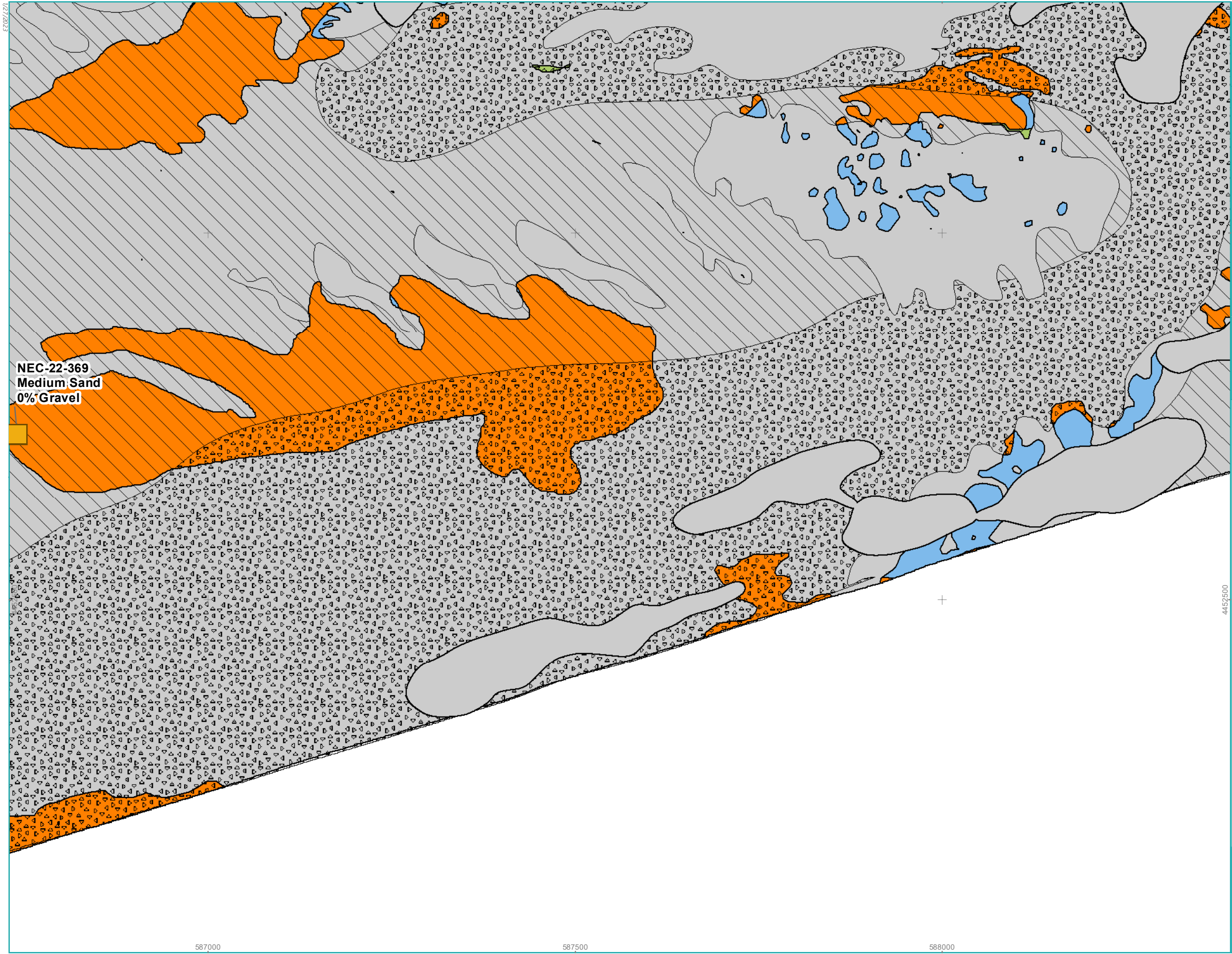
7/27/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 128



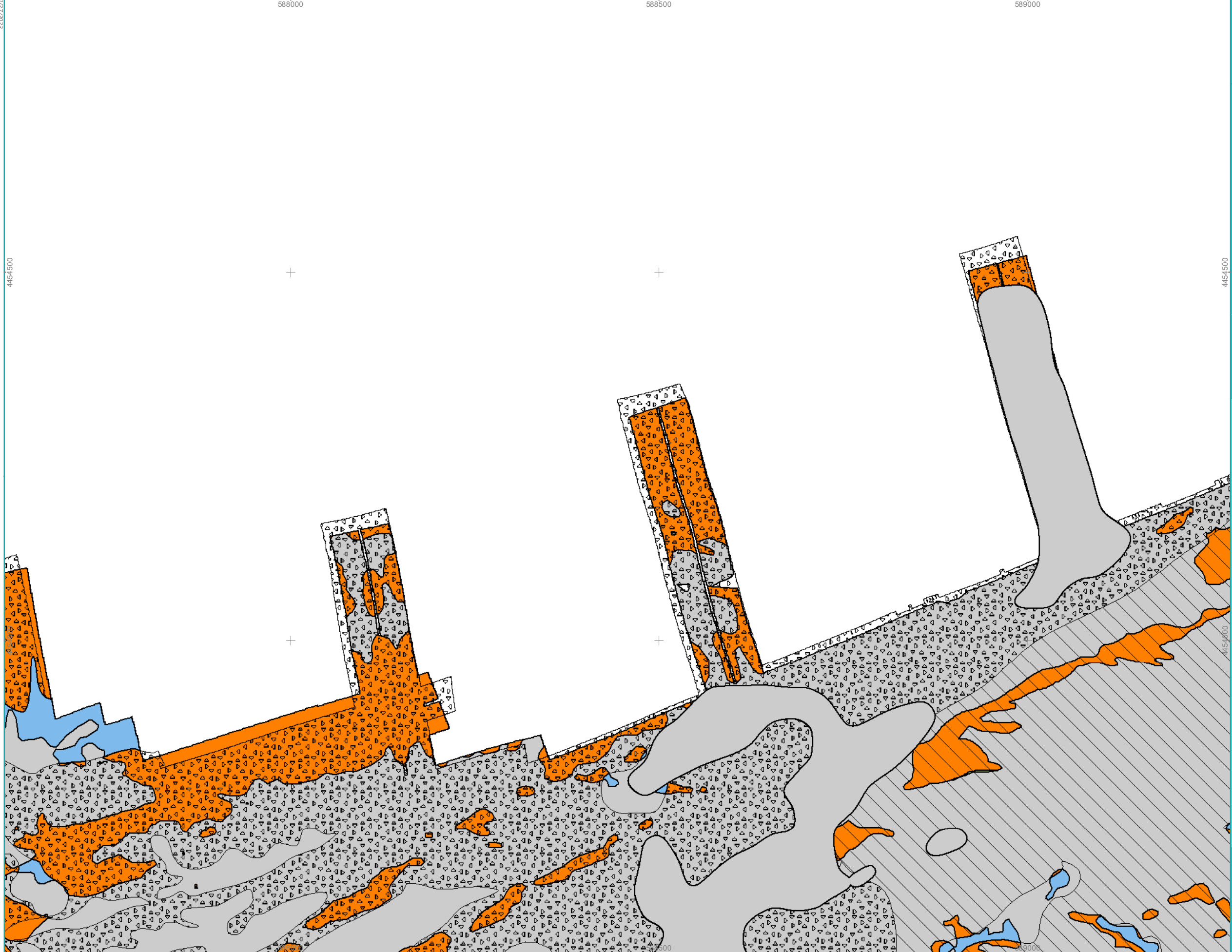
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

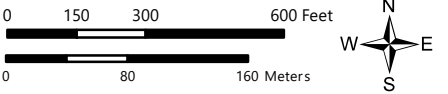
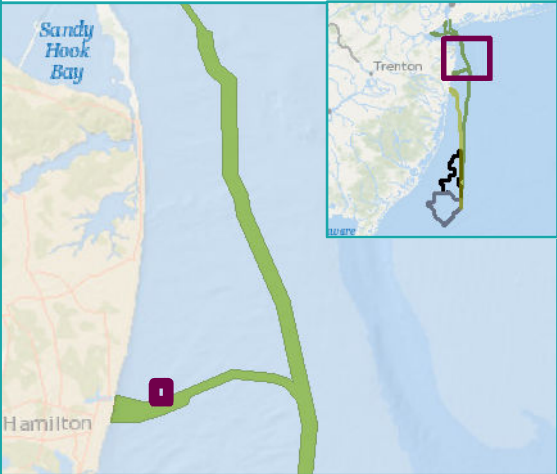
- Soft Bottom Station - Grab Sample
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 129

Northern Export Cable Corridor (ECC)
Slide 129 of 337



ATLANTIC SHORES
offshore wind

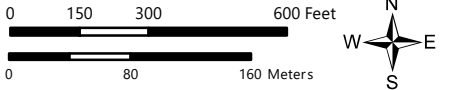
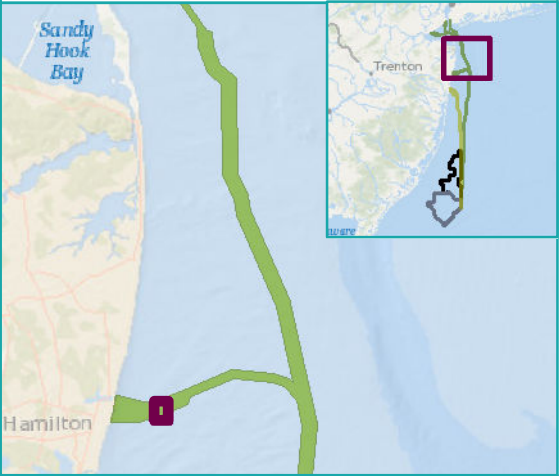
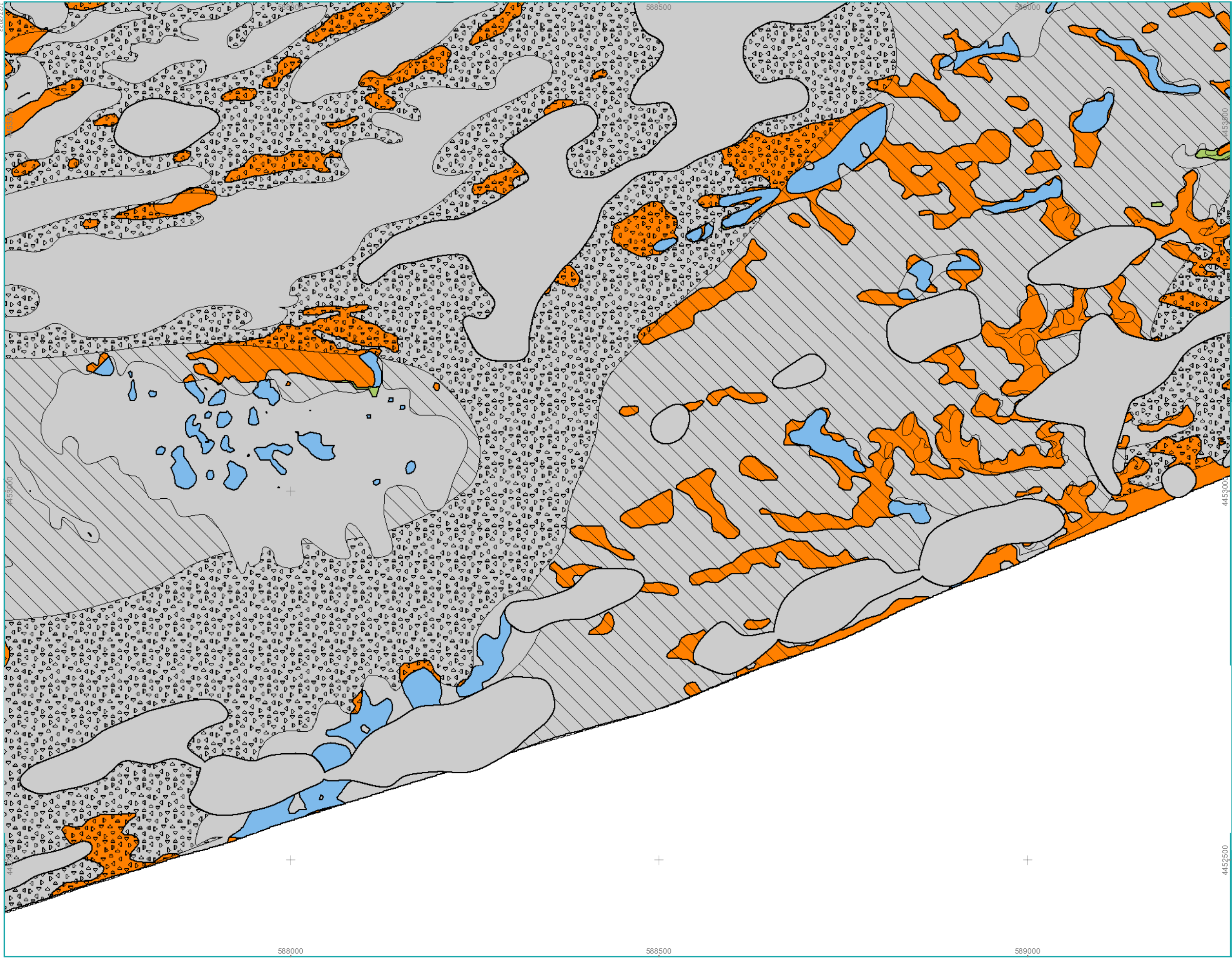


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 130

Northern Export Cable Corridor (ECC)
Slide 130 of 337

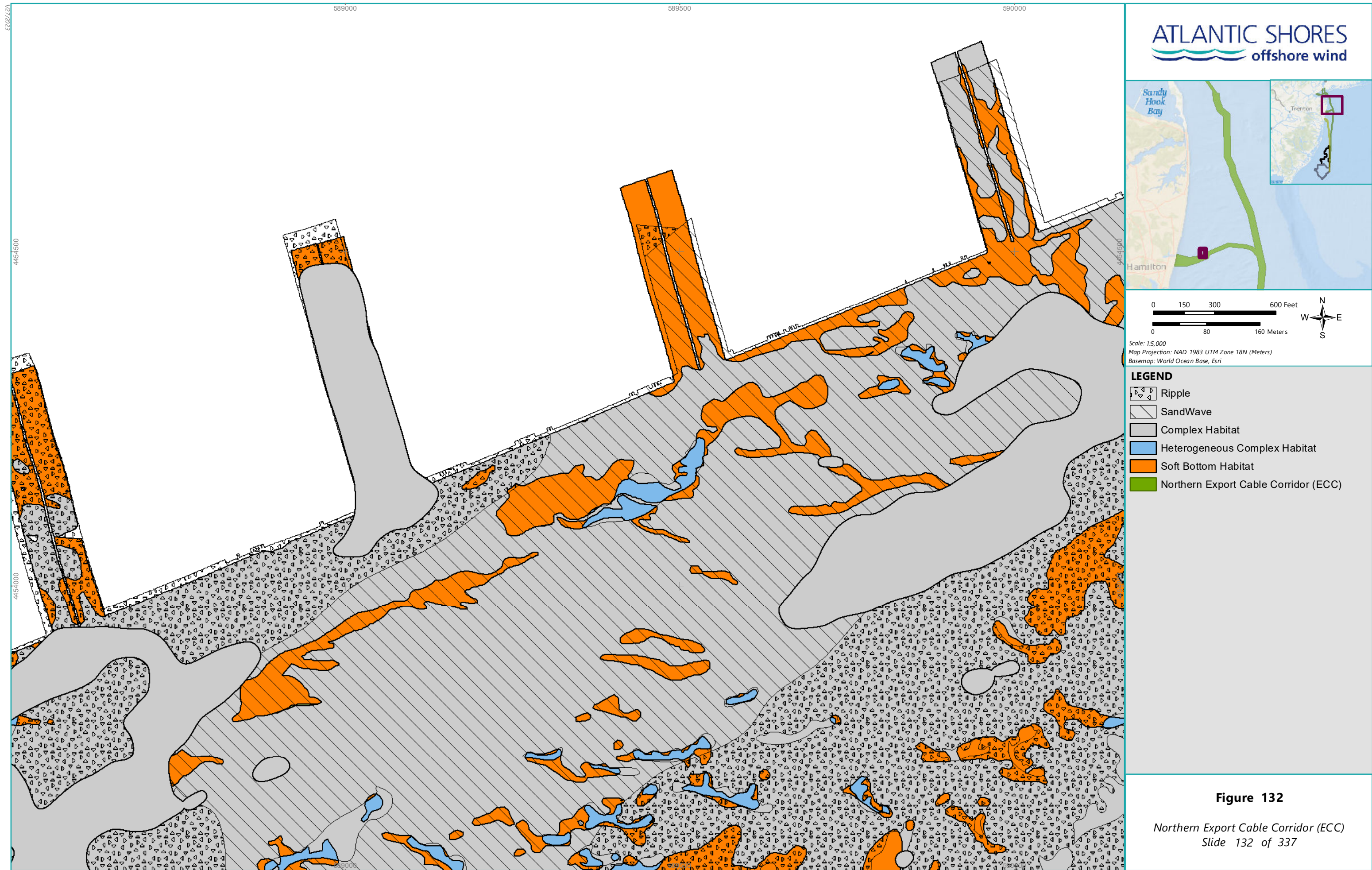


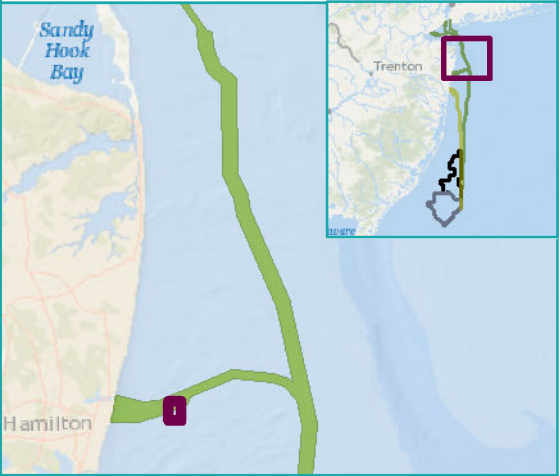
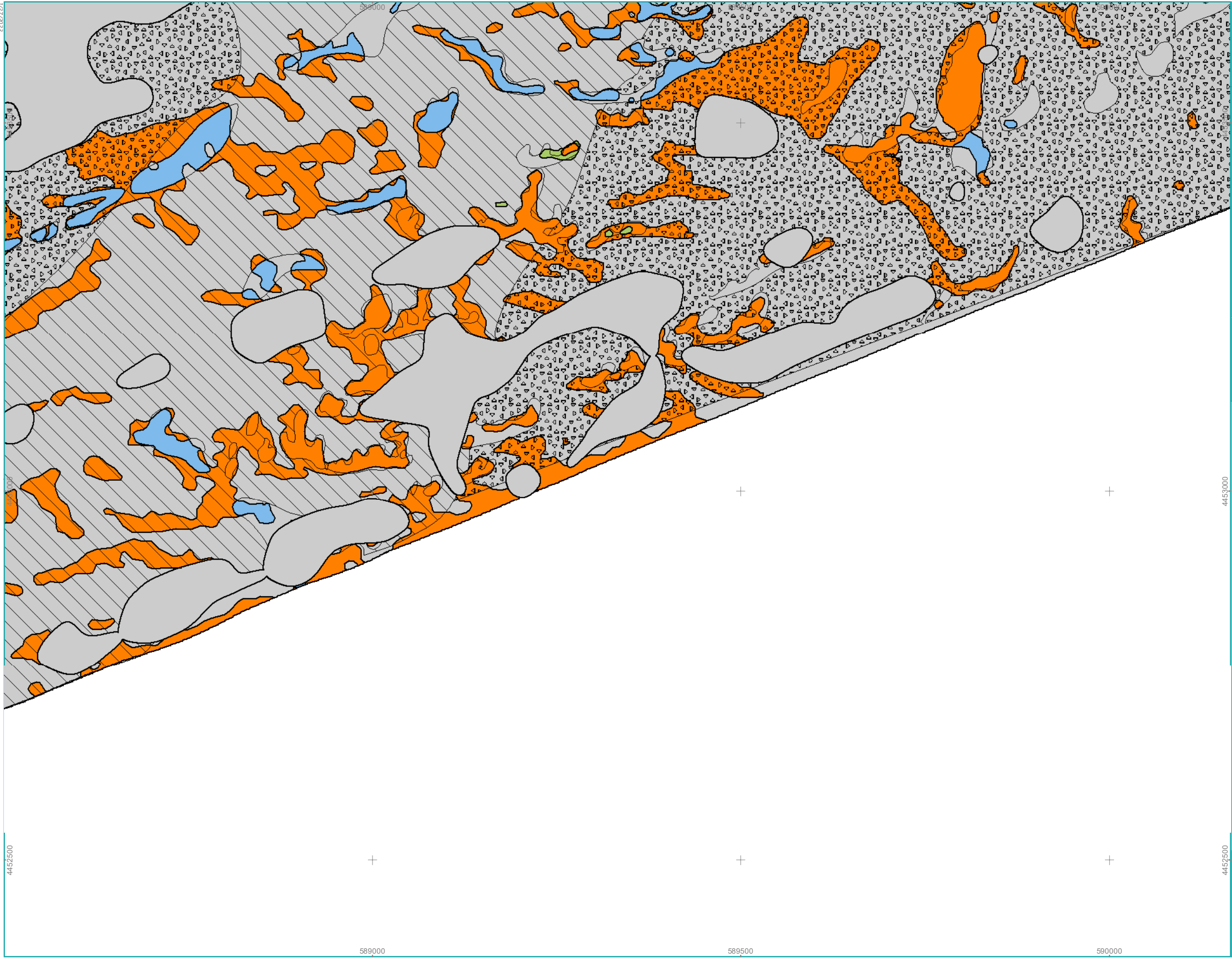
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 131

Northern Export Cable Corridor (ECC)
Slide 131 of 337



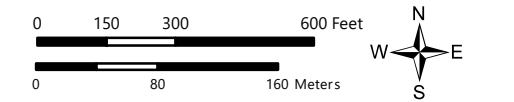
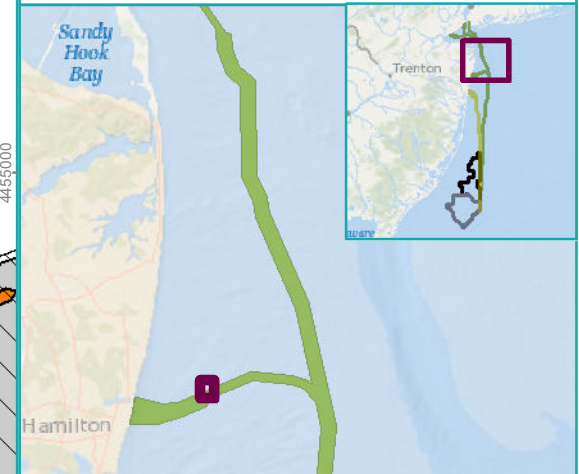
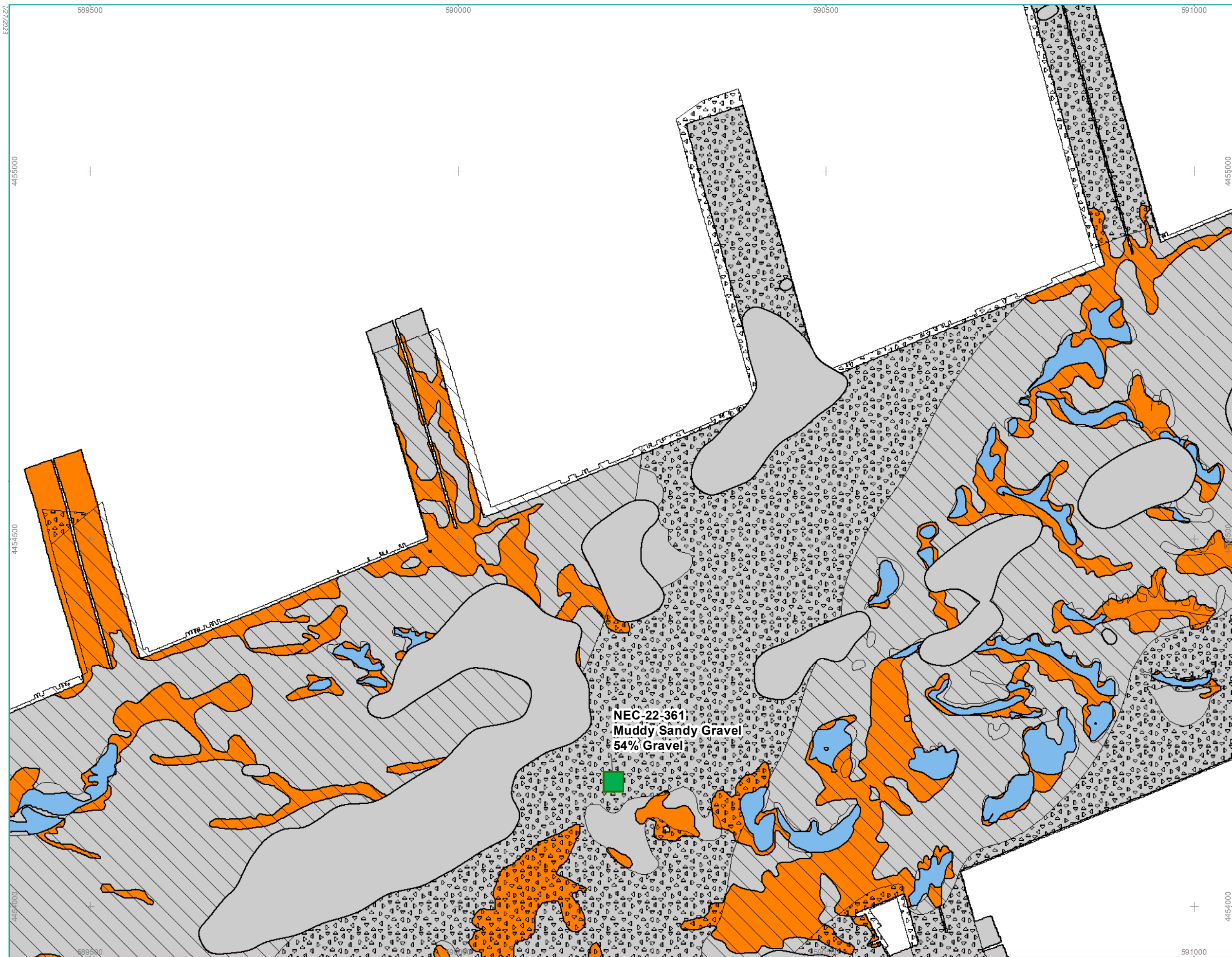


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 133

Northern Export Cable Corridor (ECC)
Slide 133 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 134

Northern Export Cable Corridor (ECC)
Slide 134 of 337



0150300600

080160

0150300600

080160

N

W

E

S

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

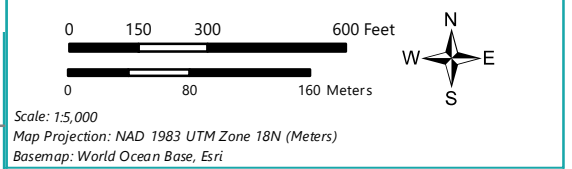
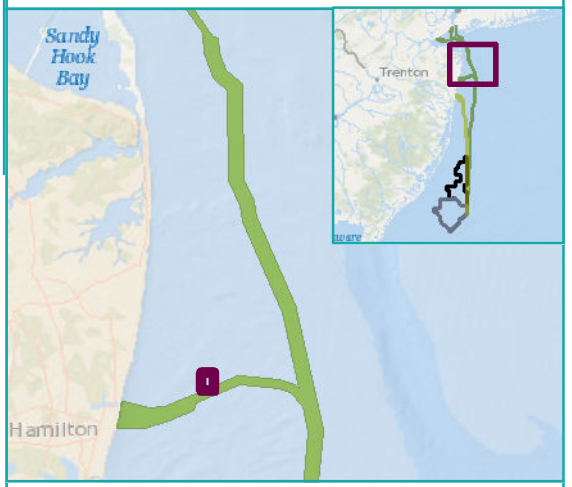
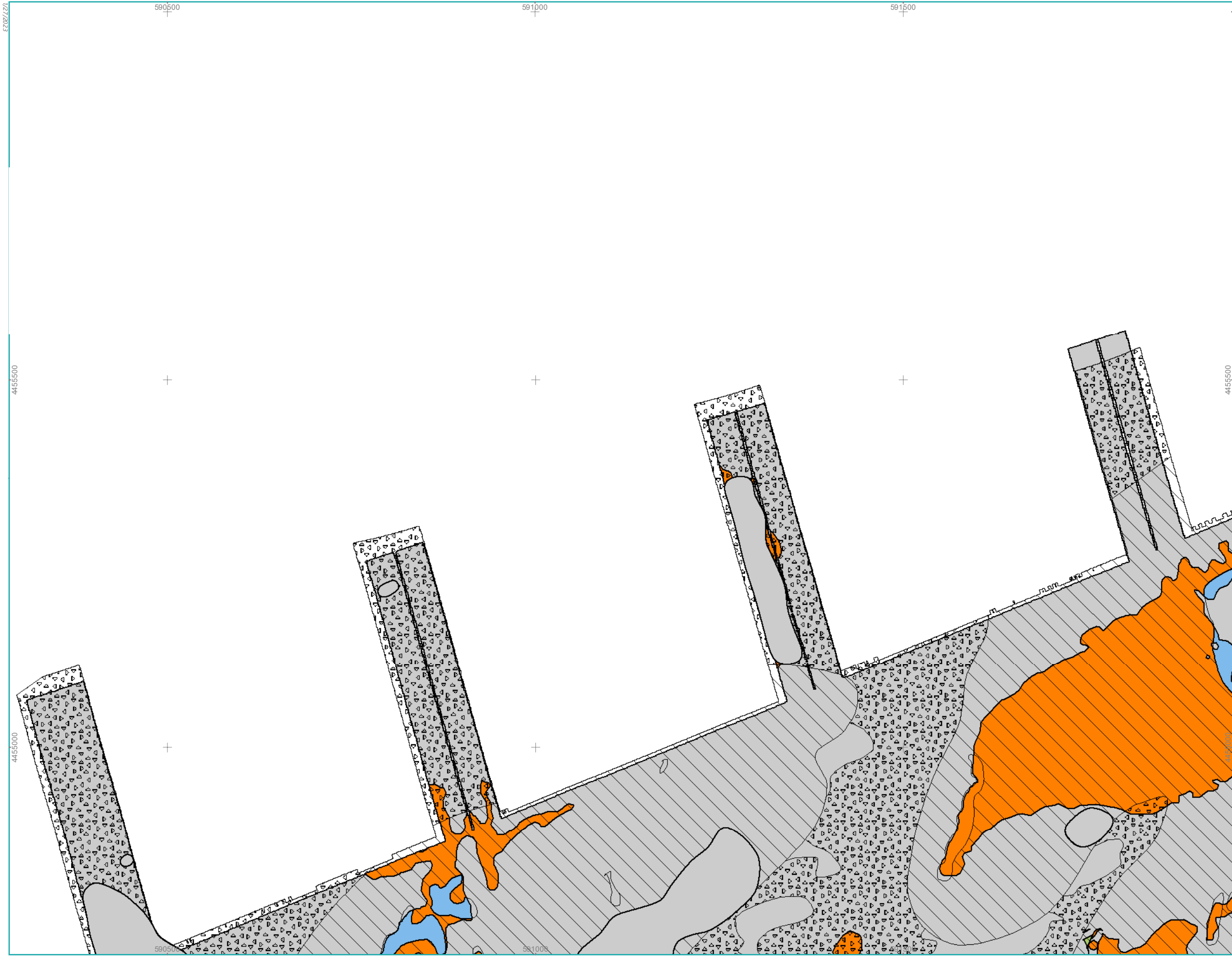
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 135

Northern Export Cable Corridor (ECC)

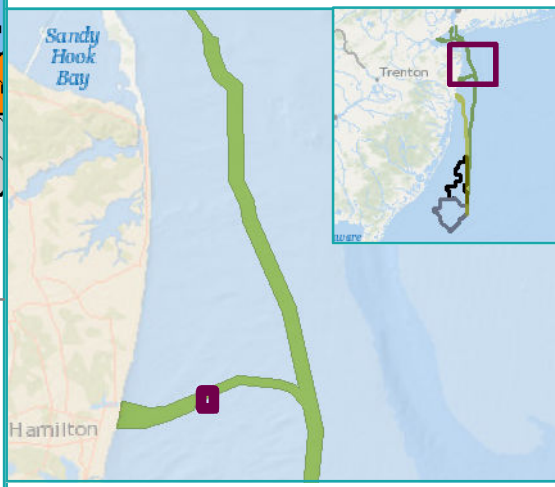
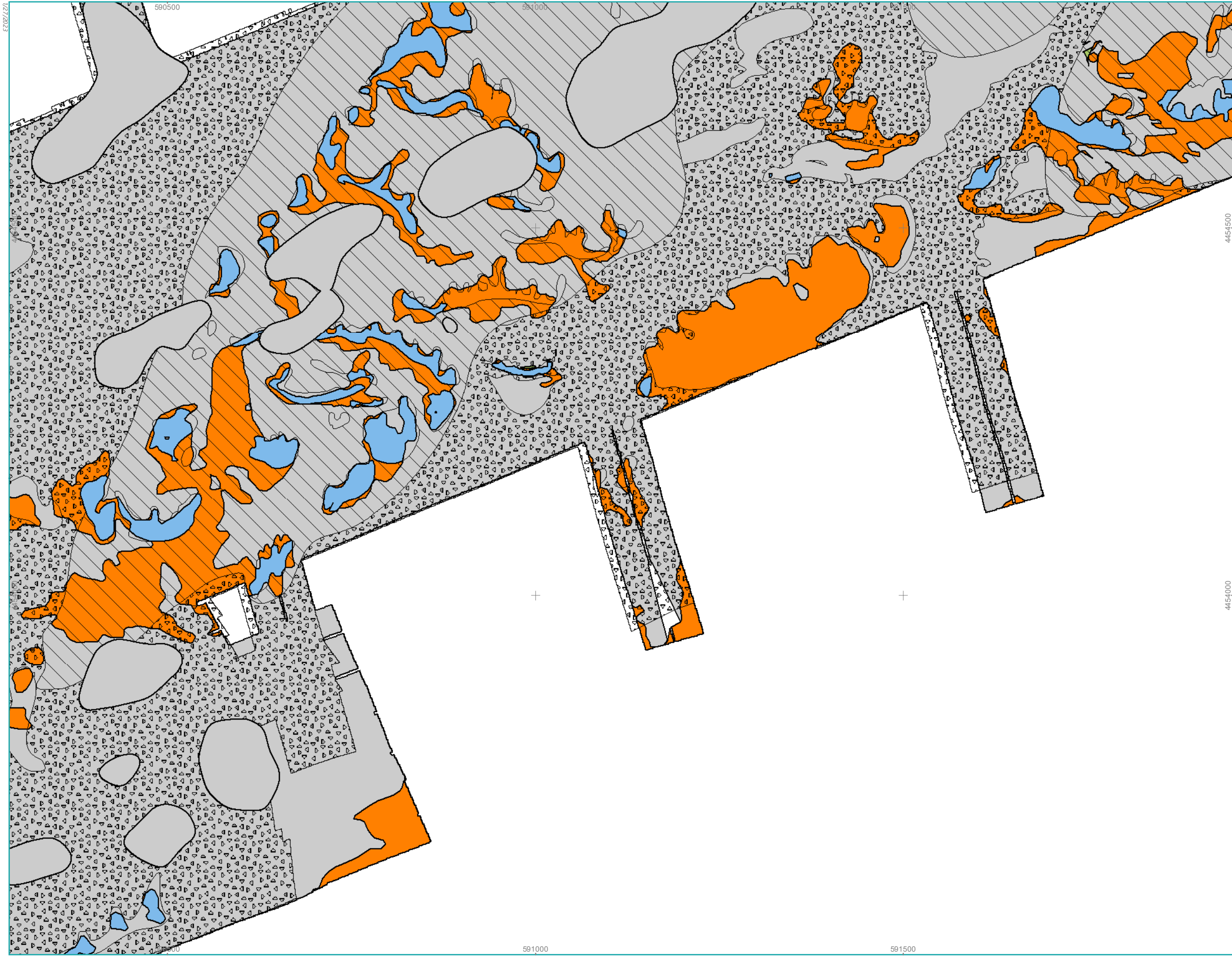
Slide 135 of 337



- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 136
Northern Export Cable Corridor (ECC)
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1/27/2023

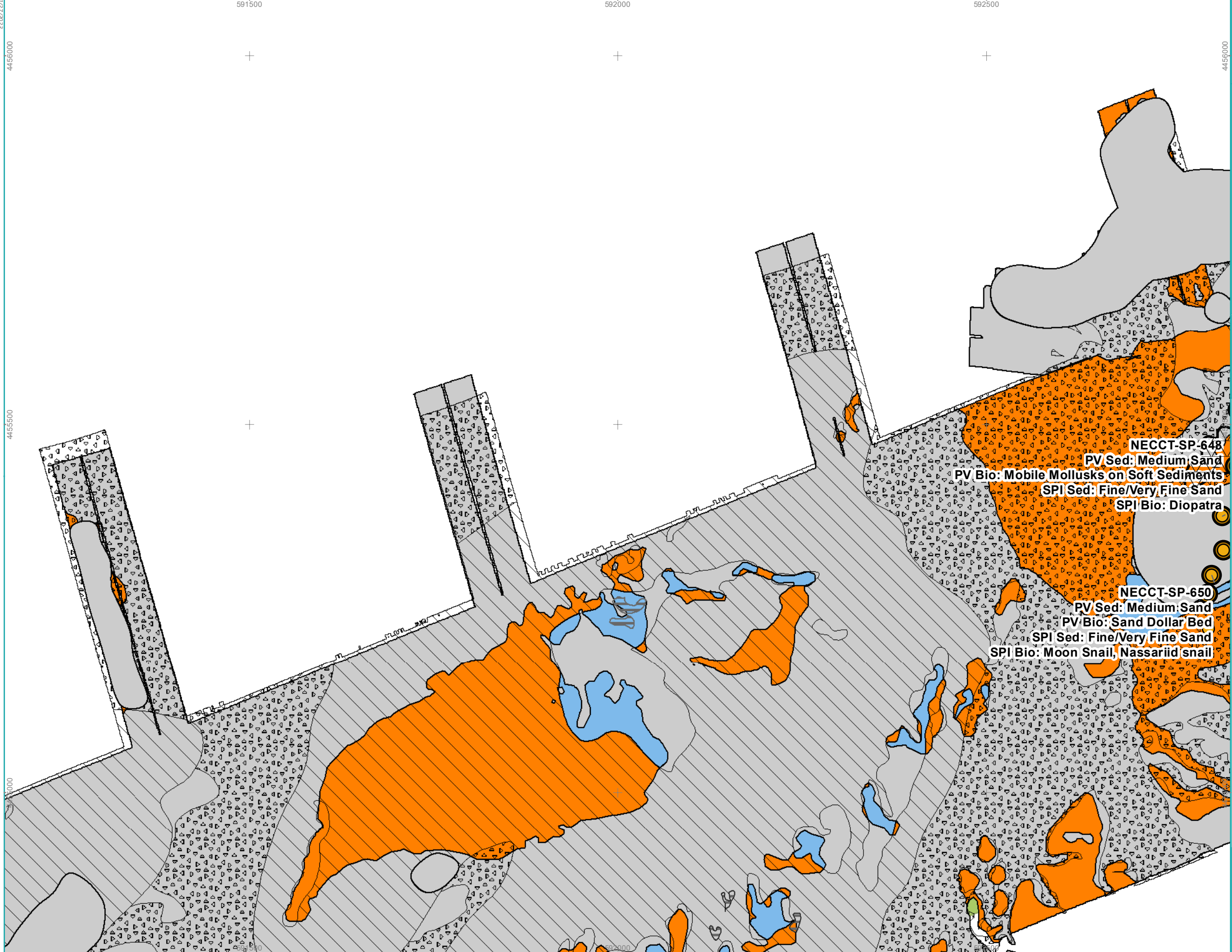


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 137

Northern Export Cable Corridor (ECC)
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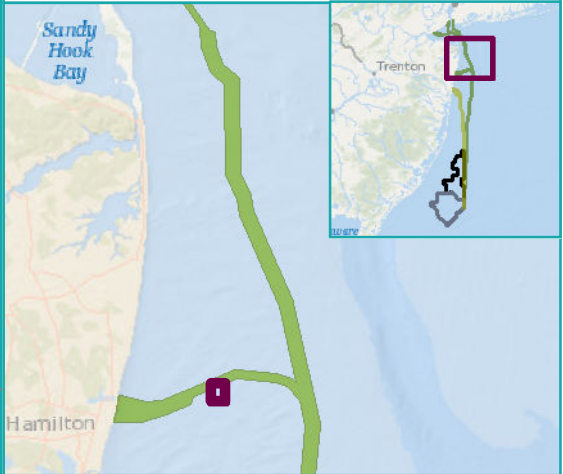
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- MegaRipple
- Ripple
- SandWave
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 138

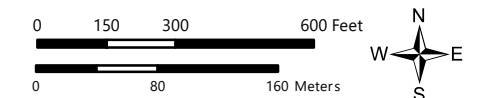
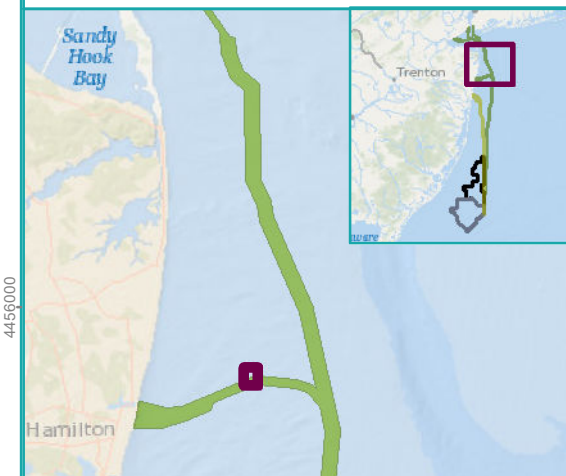
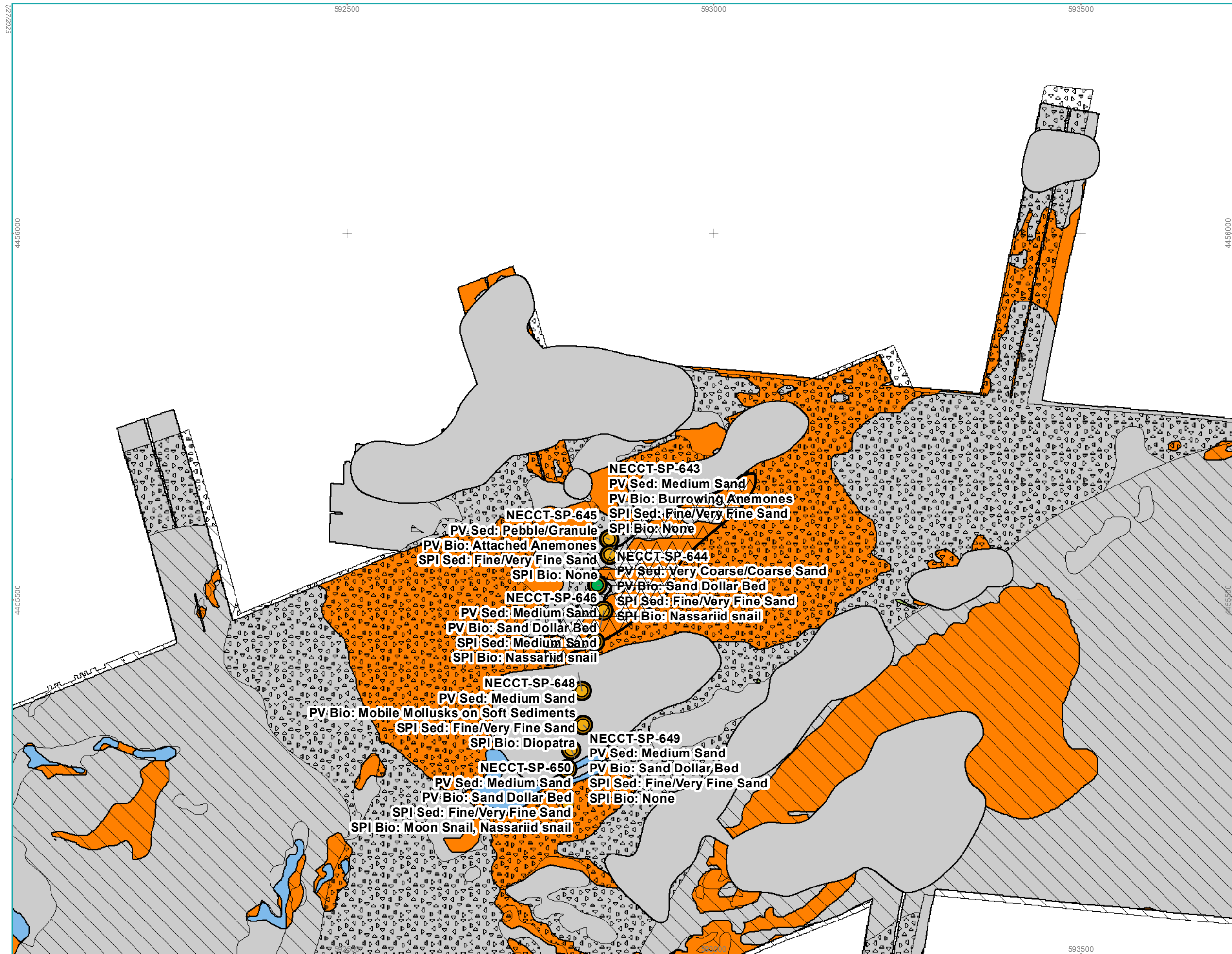
Northern Export Cable Corridor (ECC)
Slide 138 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 139

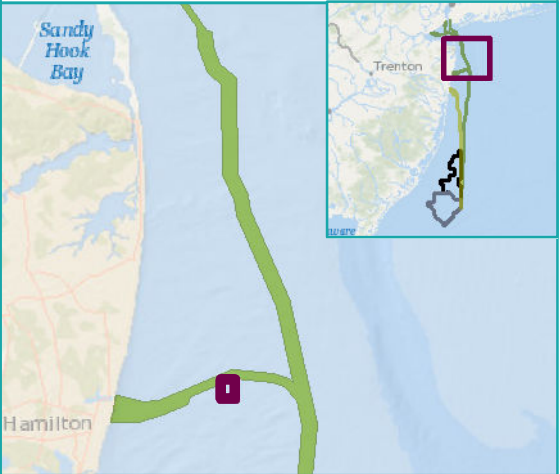
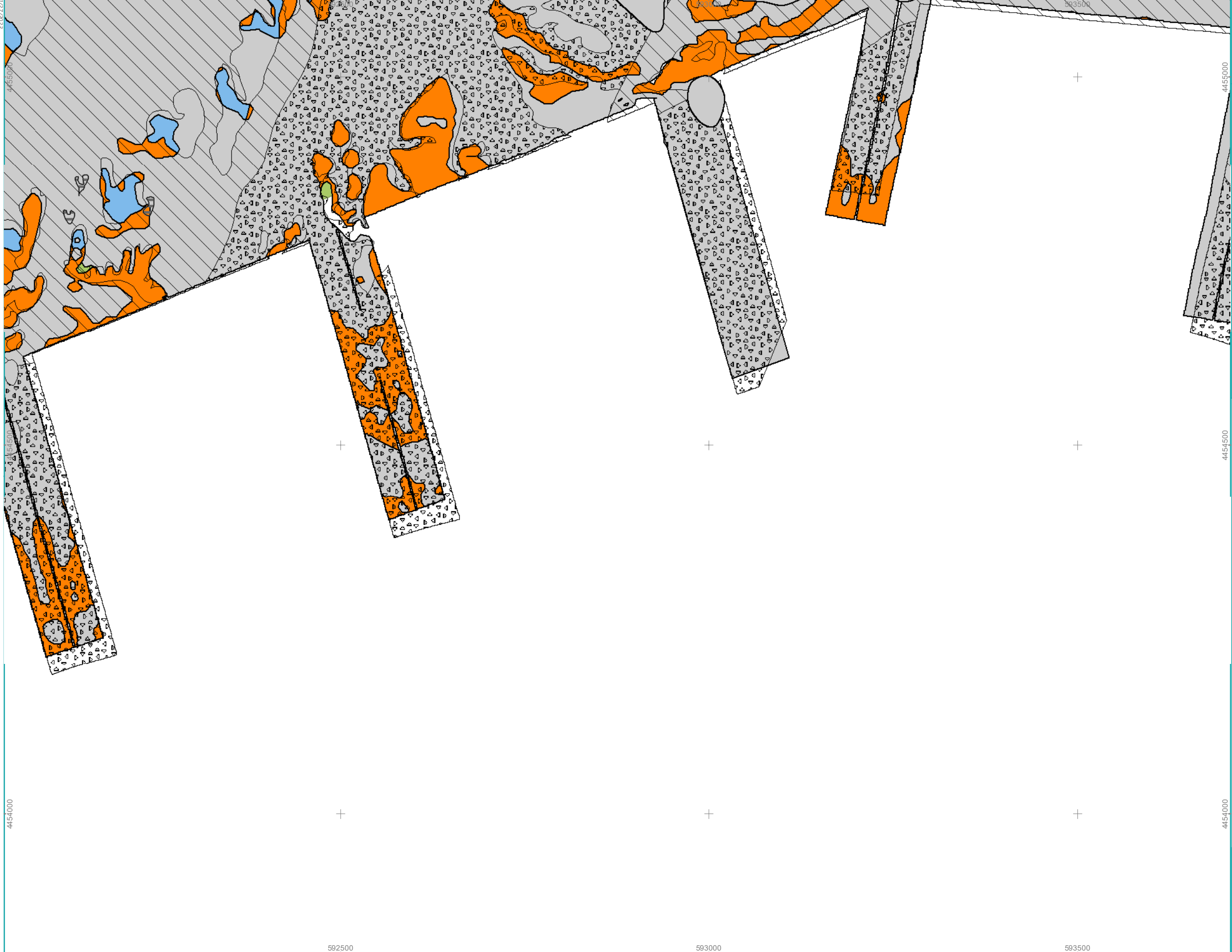


LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Soft Bottom Station - PV
- MegaRipple
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 140

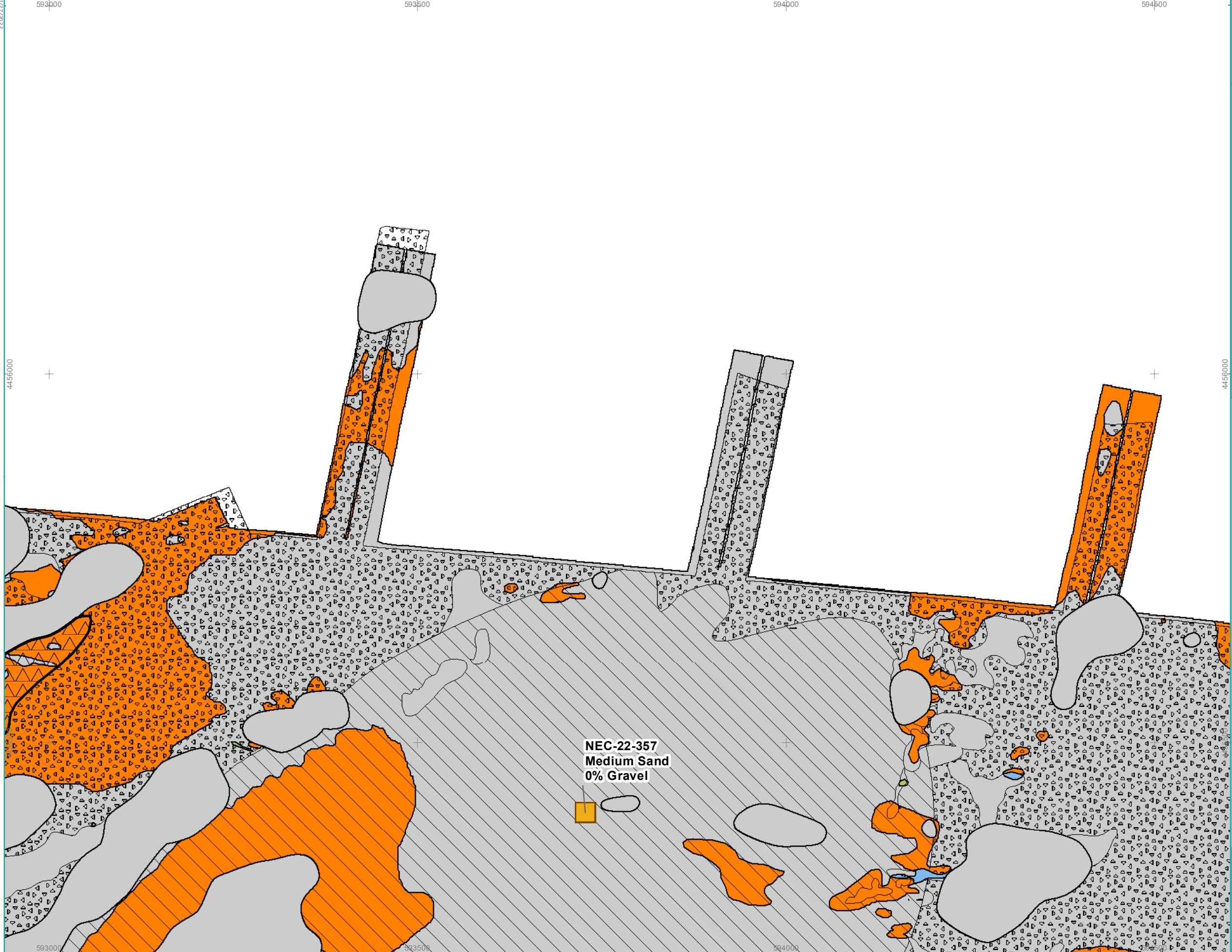
Northern Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 141

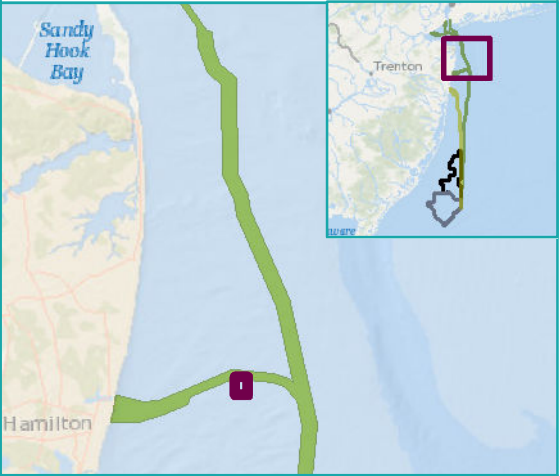
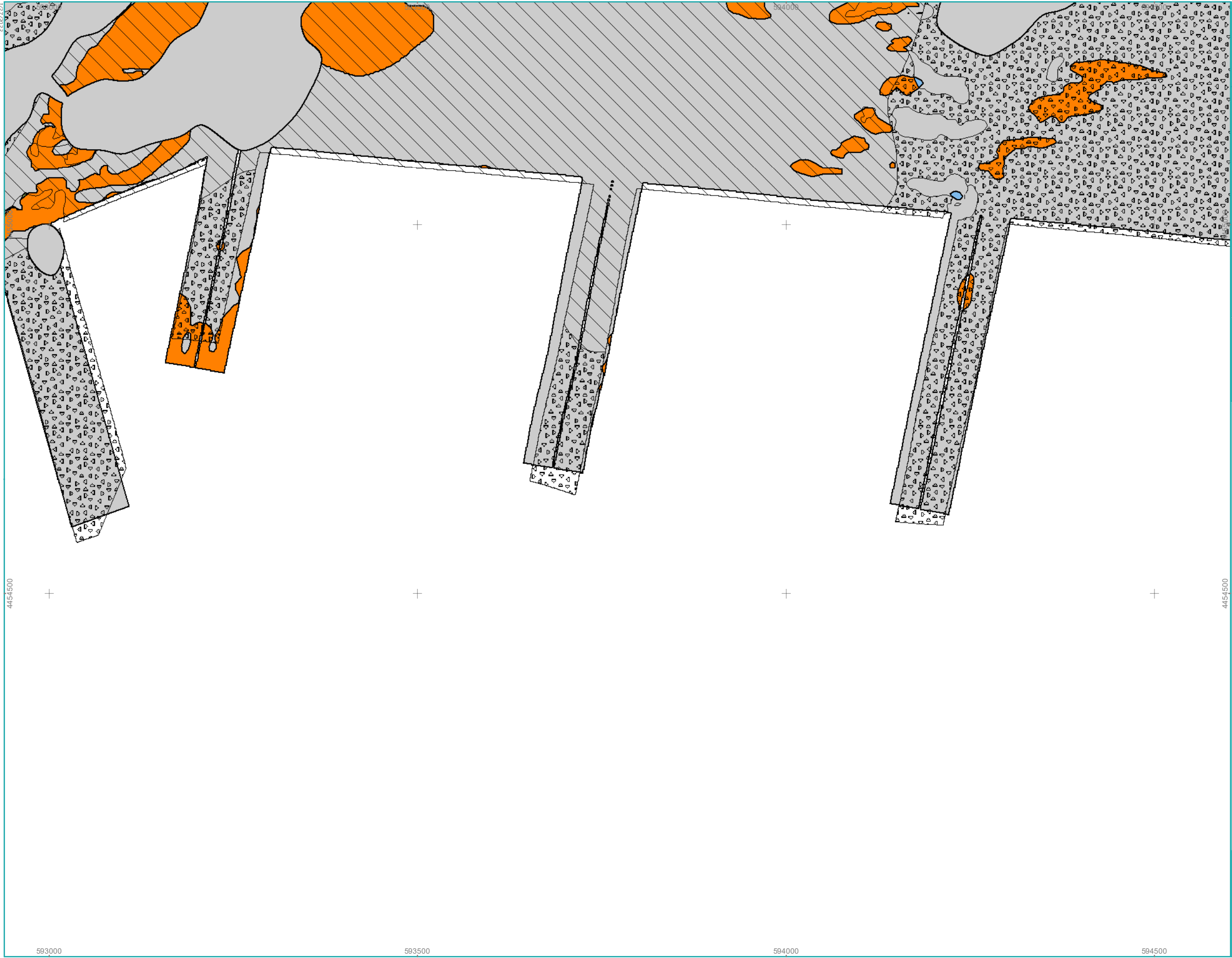


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - MegaRipple
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 142

Northern Export Cable Corridor (ECC)
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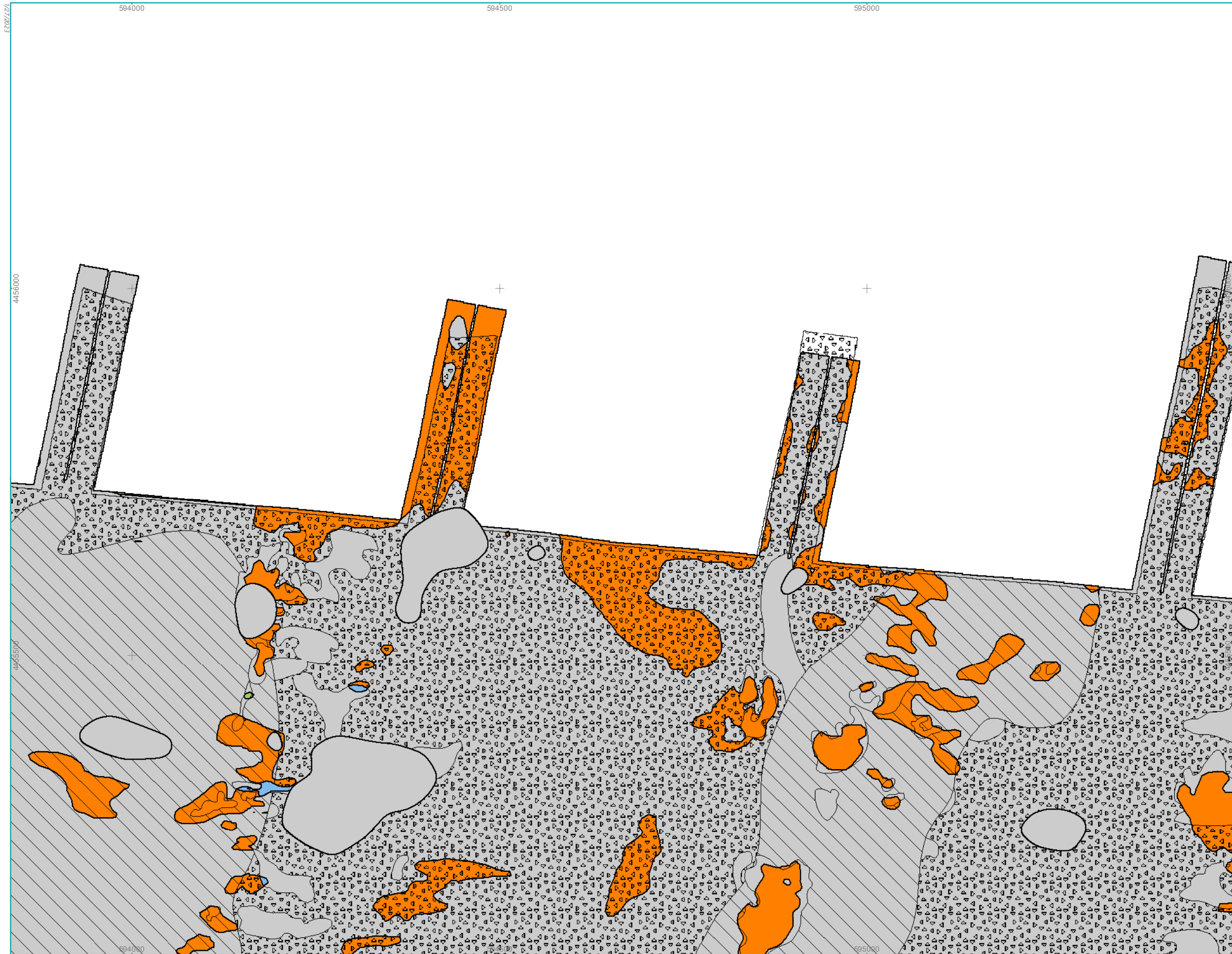


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

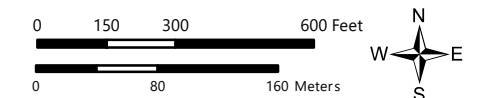
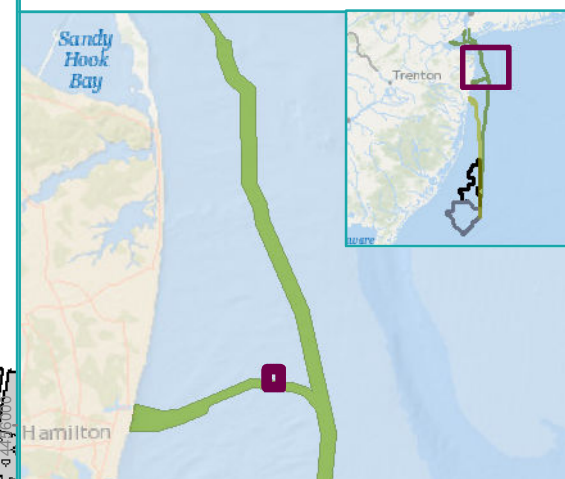
- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 143

Northern Export Cable Corridor (ECC)
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ATLANTIC SHORES offshore wind



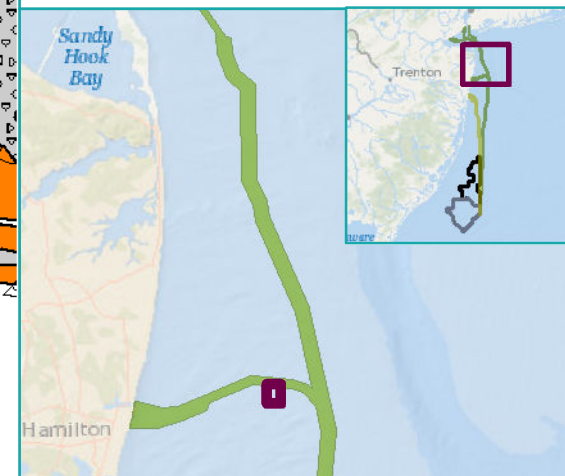
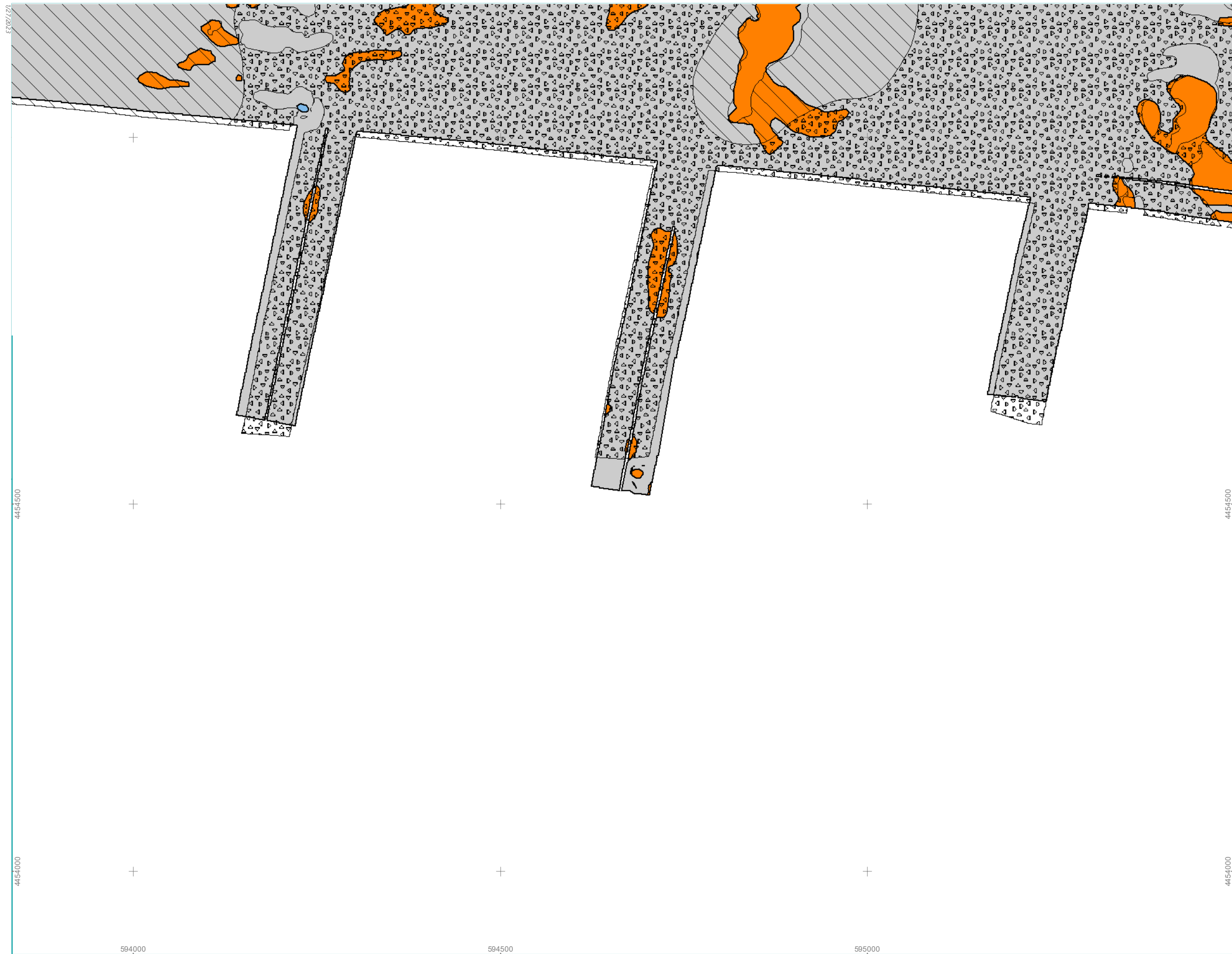
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 144

Northern Export Cable Corridor (ECC)
Slide 144 of 337



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Ripple
-  SandWave
-  Complex Habitat
-  Heterogeneous Complex Habitat
-  Soft Bottom Habitat
-  Northern Export Cable Corridor (ECC)

Figure 145

Northern Export Cable Corridor (ECC)
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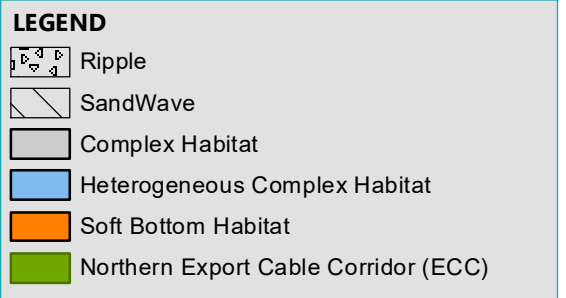
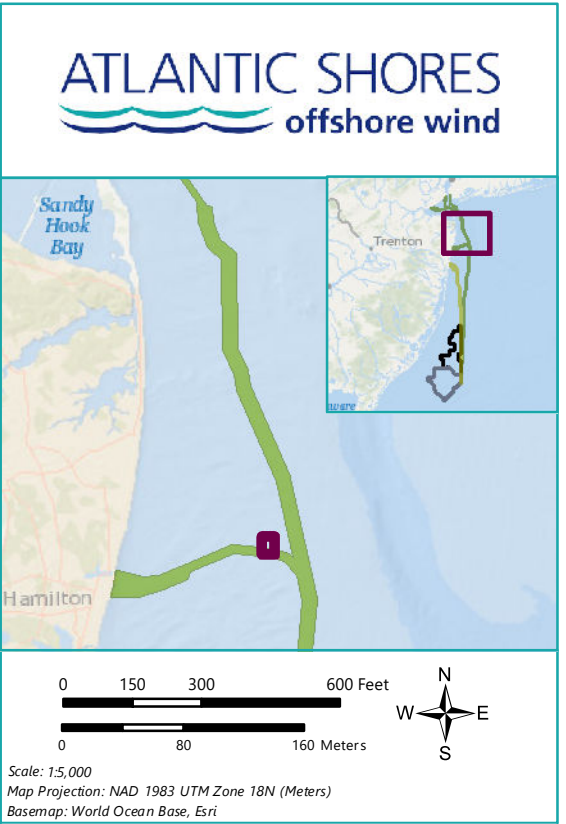
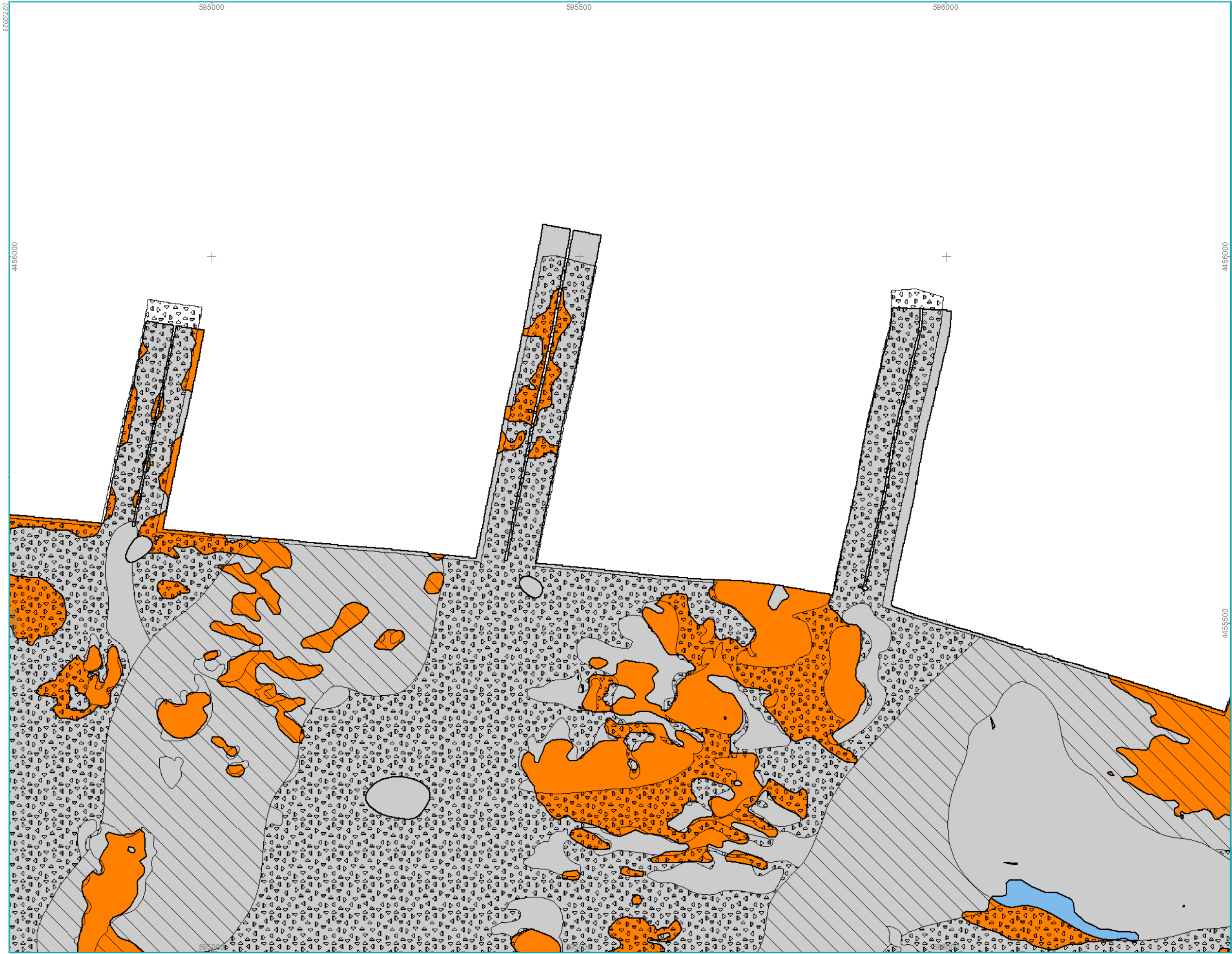
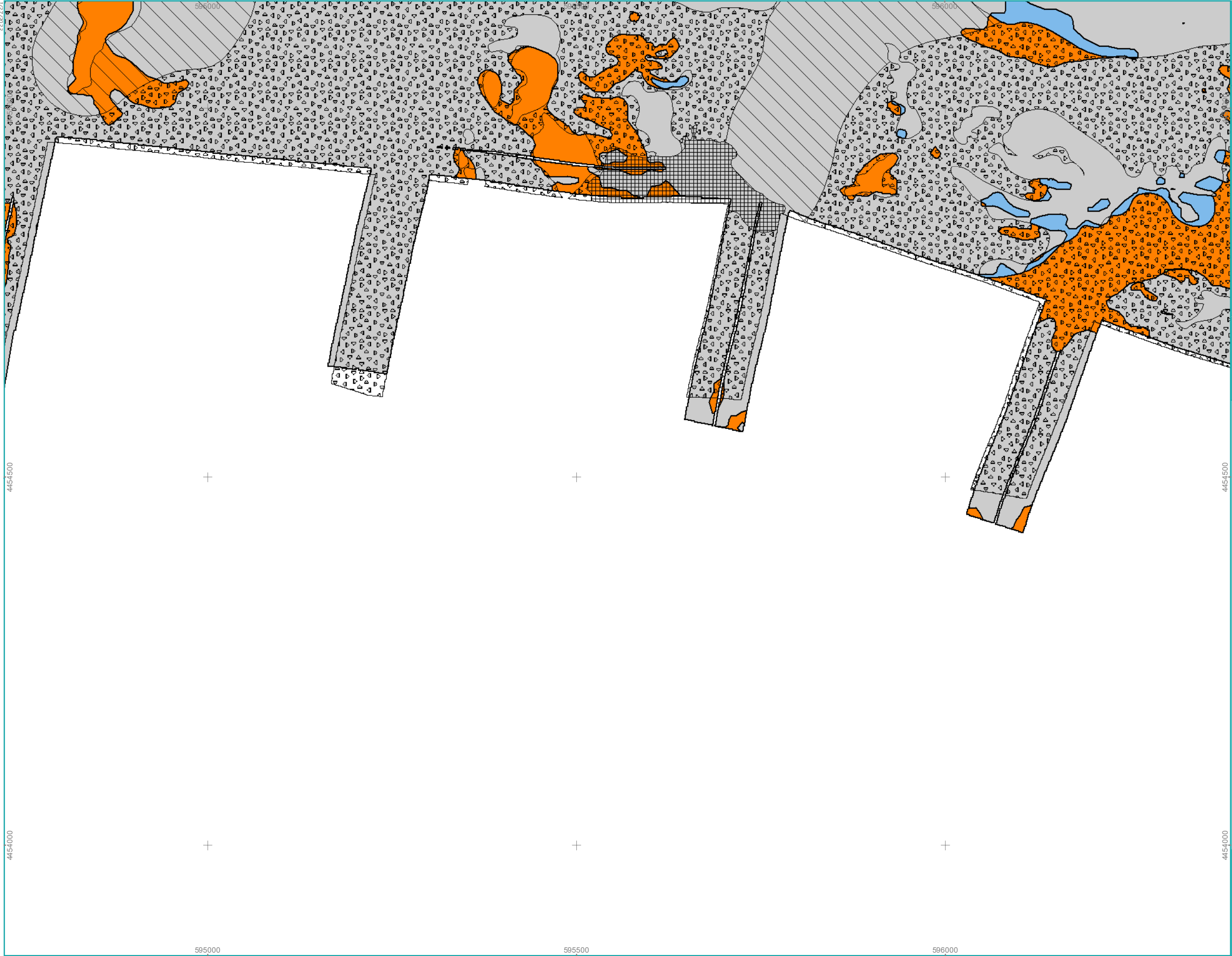


Figure 146
Northern Export Cable Corridor (ECC)
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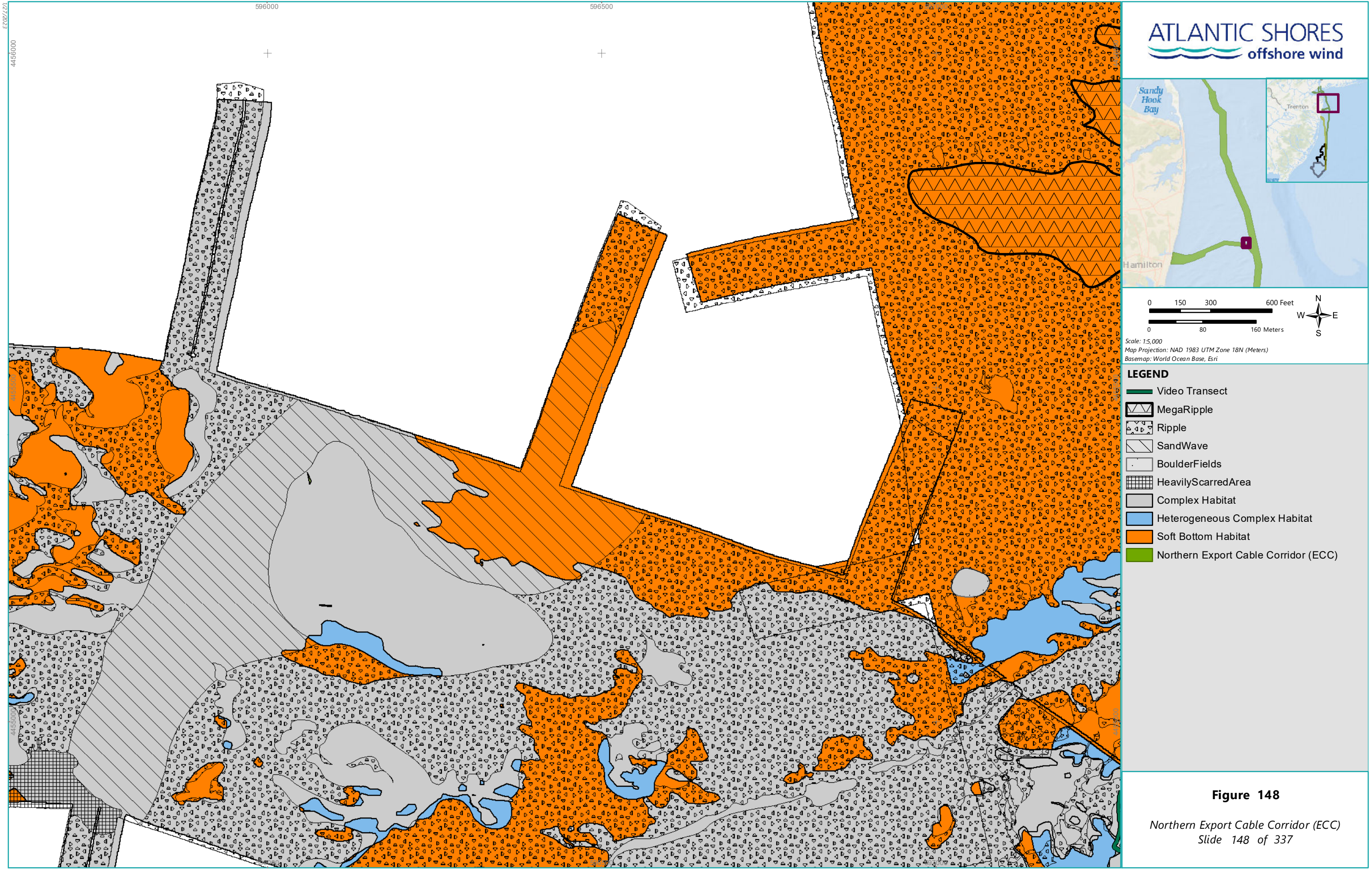


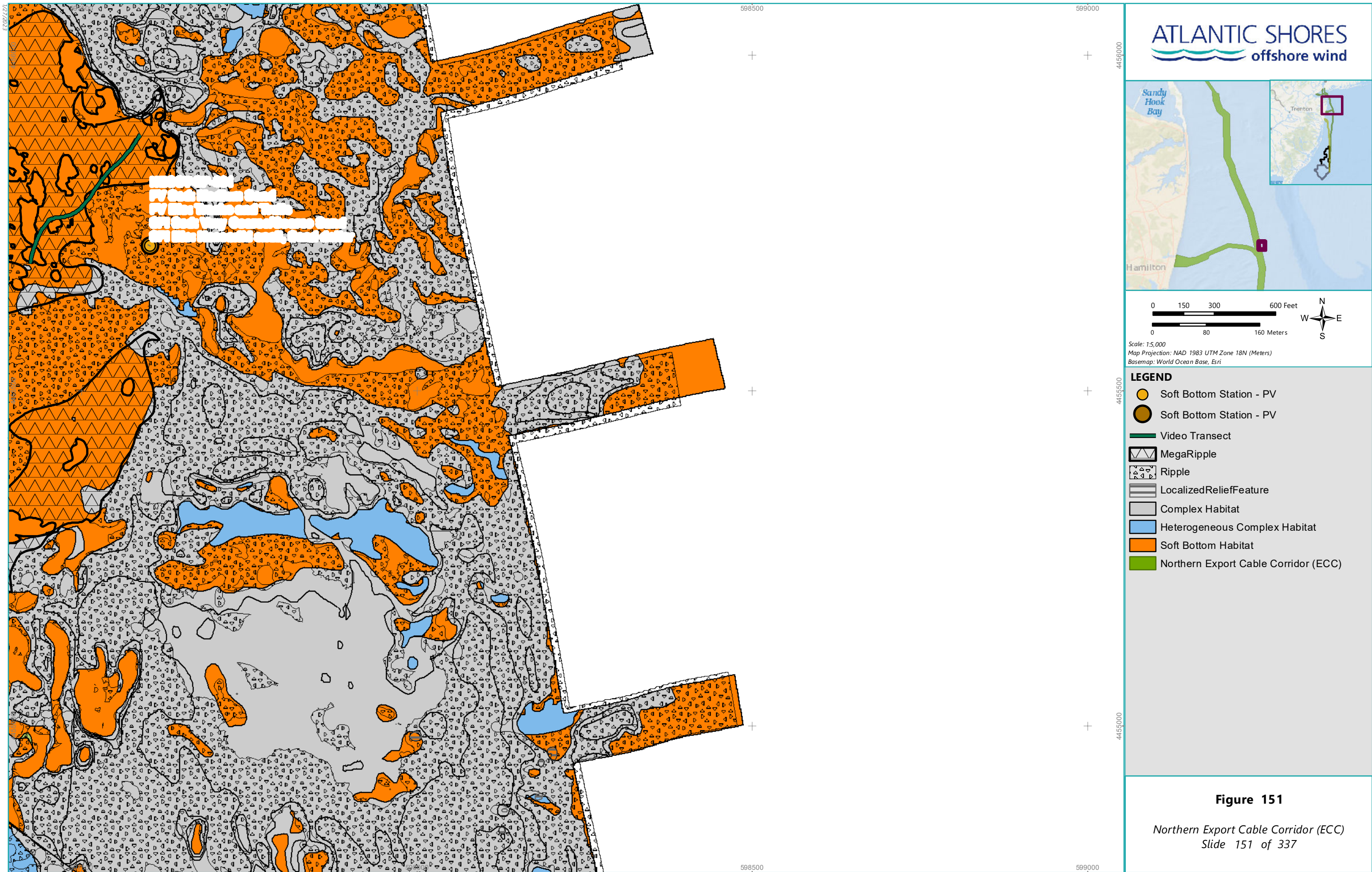
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

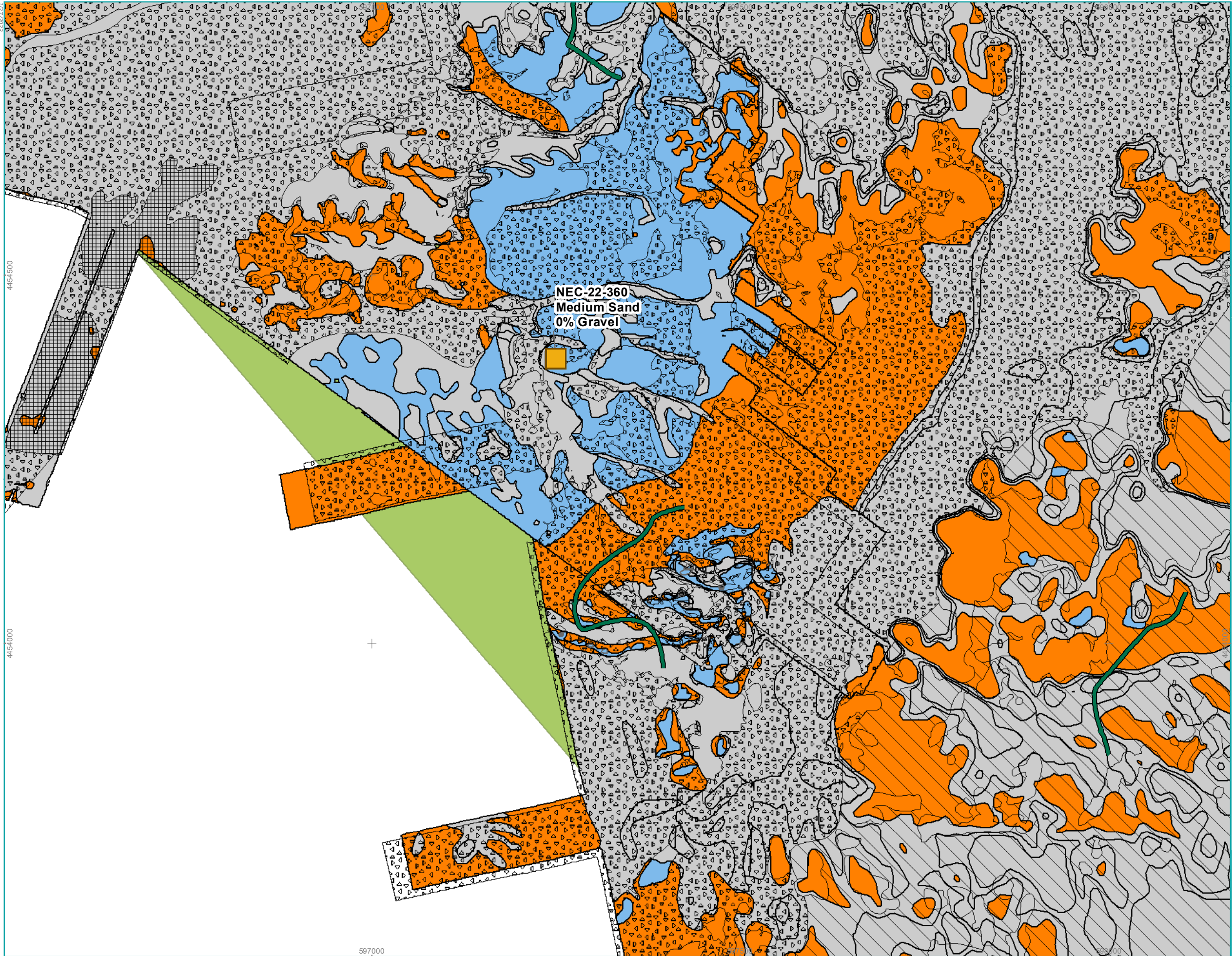
LEGEND

	Ripple
	SandWave
	HeavilyScarredArea
	Complex Habitat
	Heterogeneous Complex Habitat
	Soft Bottom Habitat
	Northern Export Cable Corridor (ECC)

Figure 147
Northern Export Cable Corridor (ECC)
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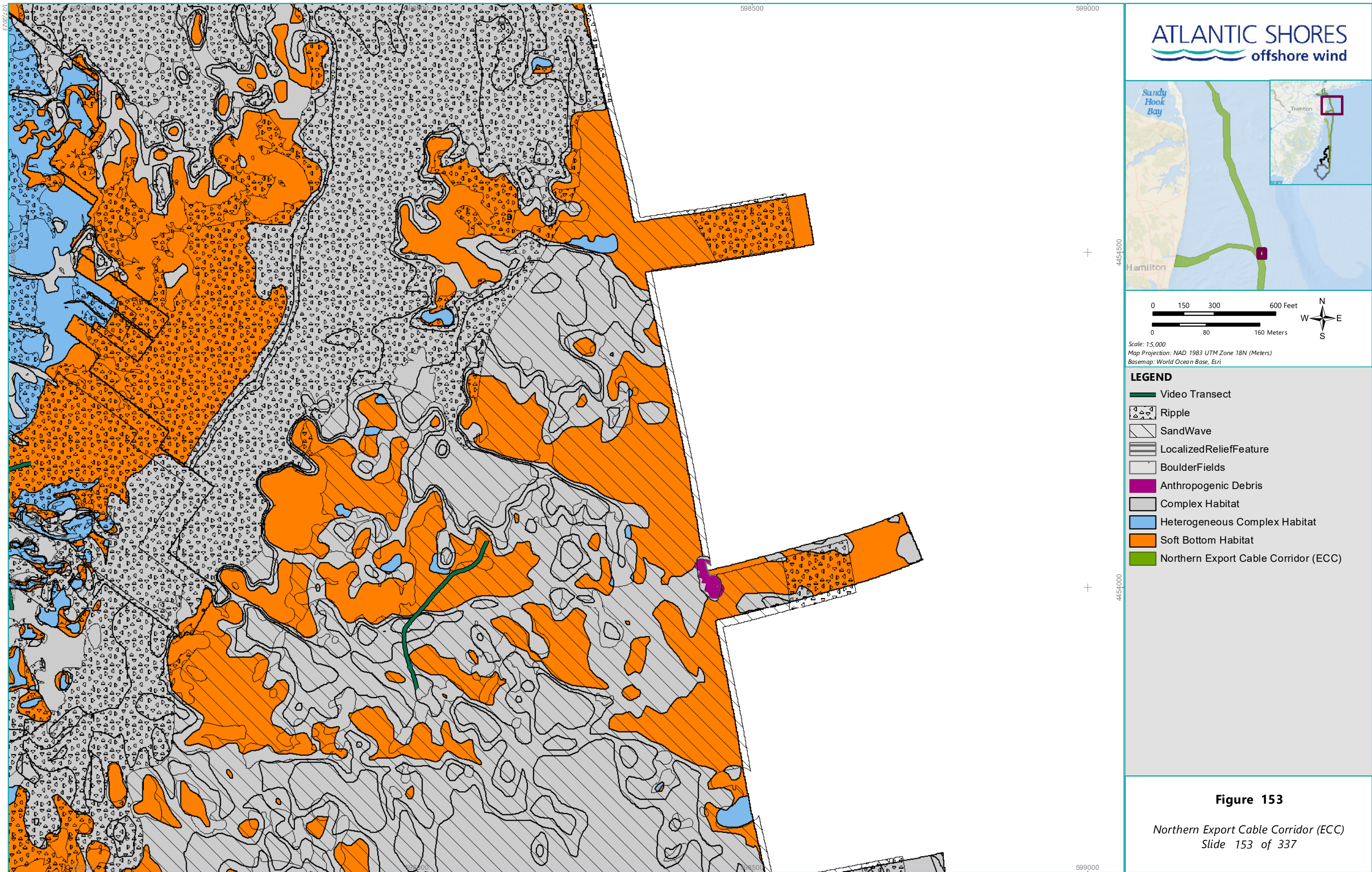


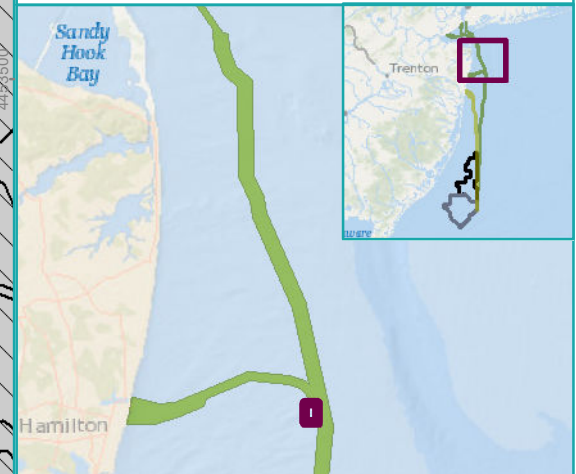
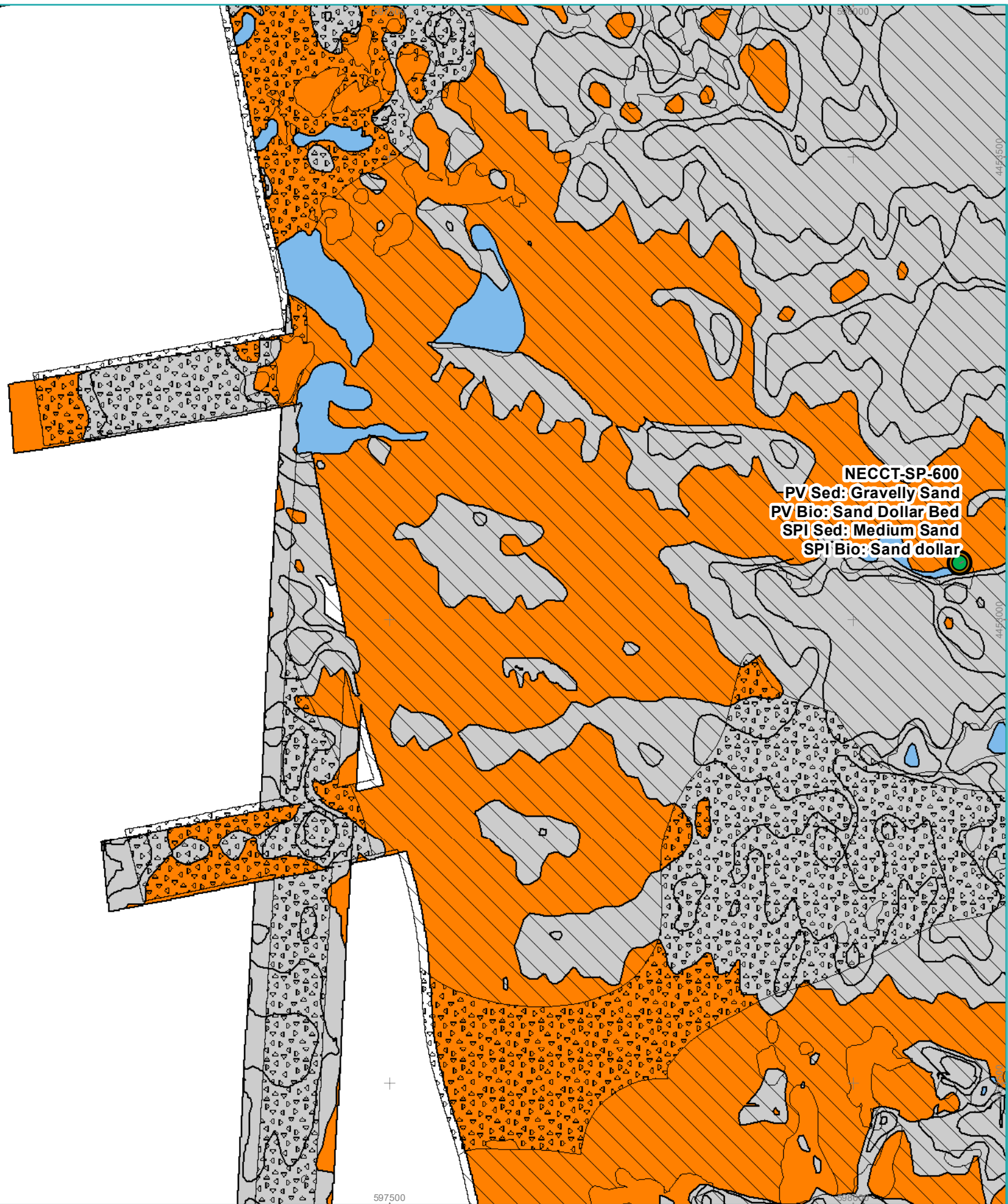
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - Grab Sample
- Video Transect
- Ripple
- SandWave
- LocalizedReliefFeature
- BoulderFields
- HeavilyScarredArea
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 152
Northern Export Cable Corridor (ECC)
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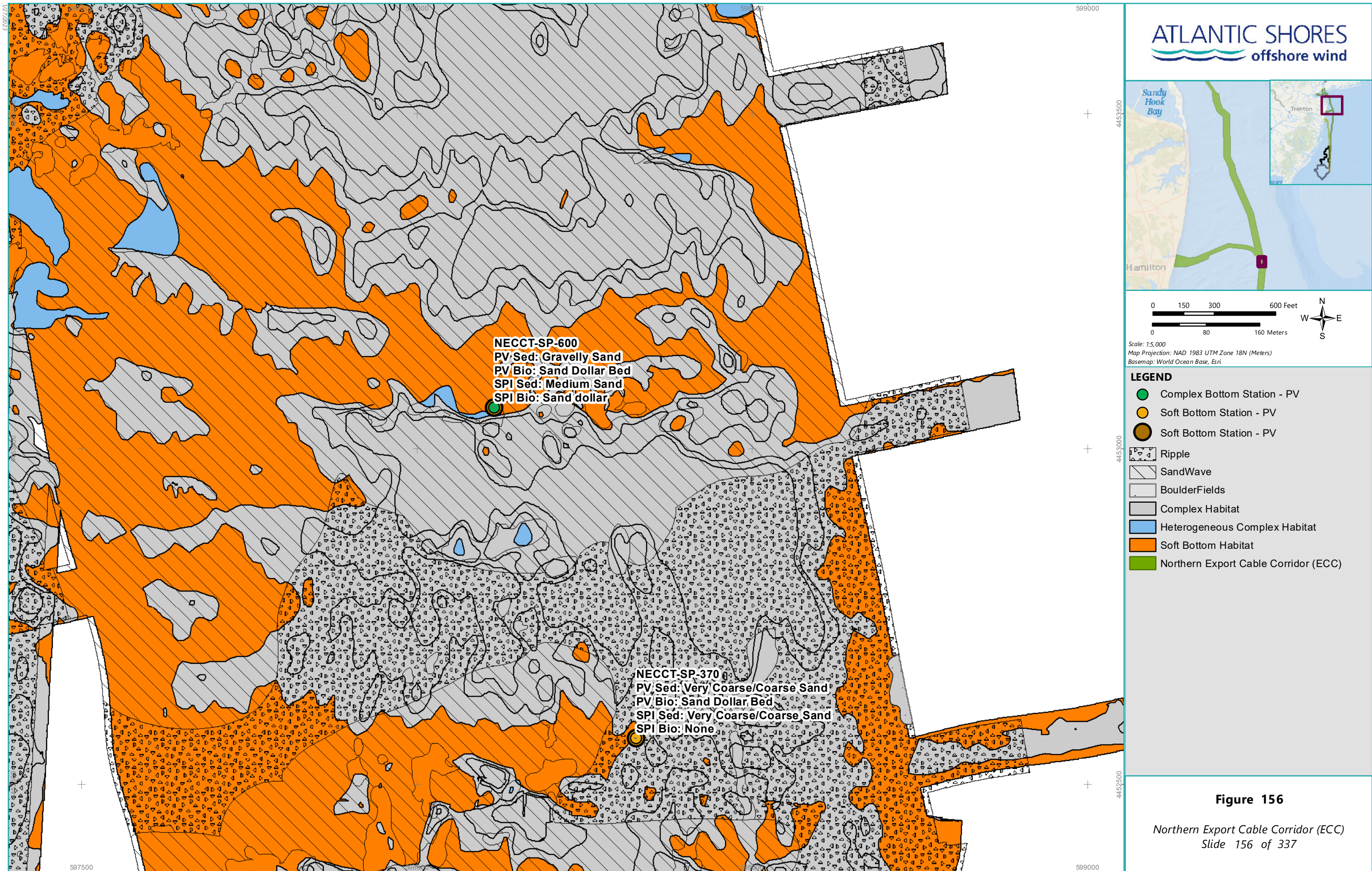
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

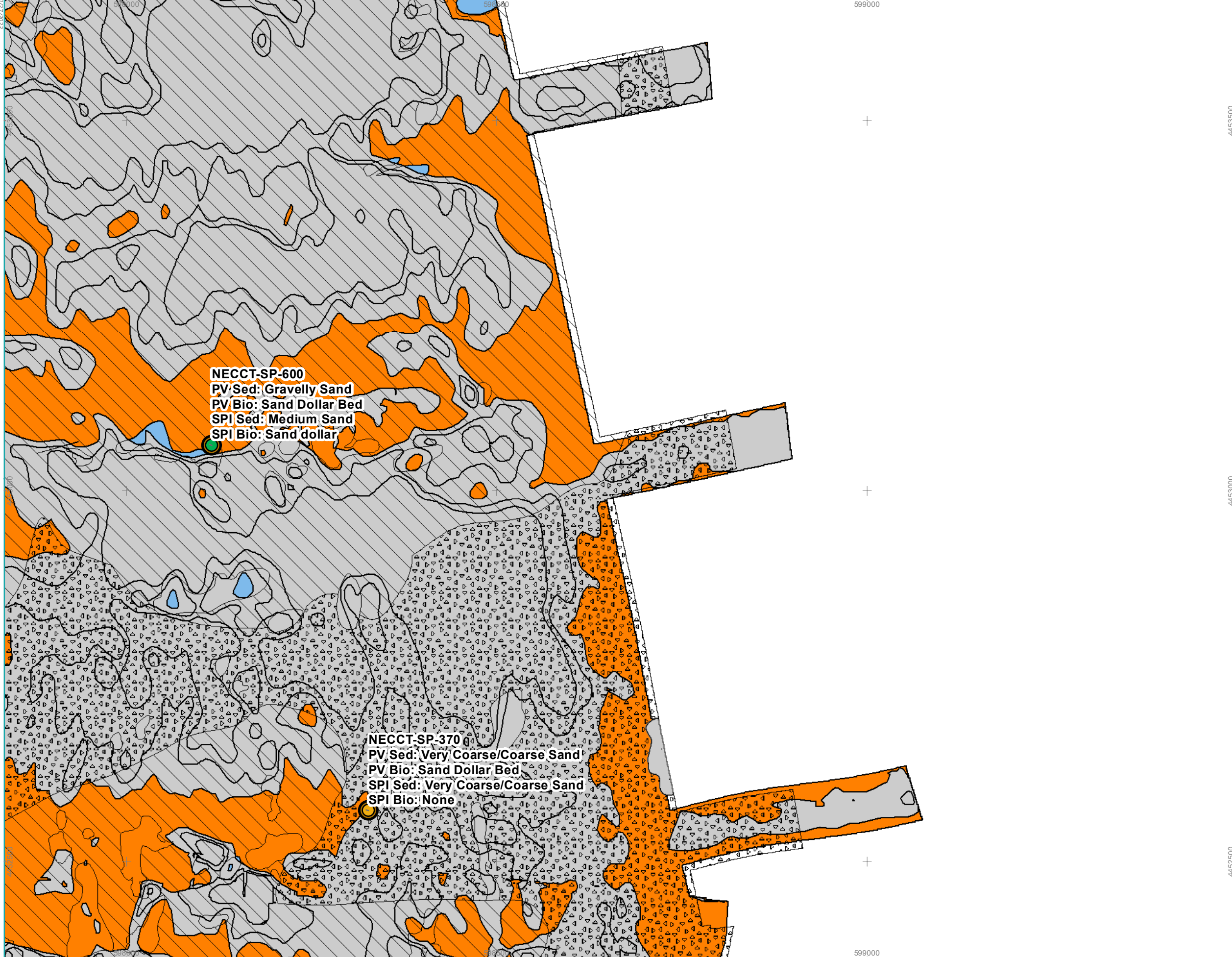
LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 155

Northern Export Cable Corridor (ECC)
Slide 155 of 337





Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

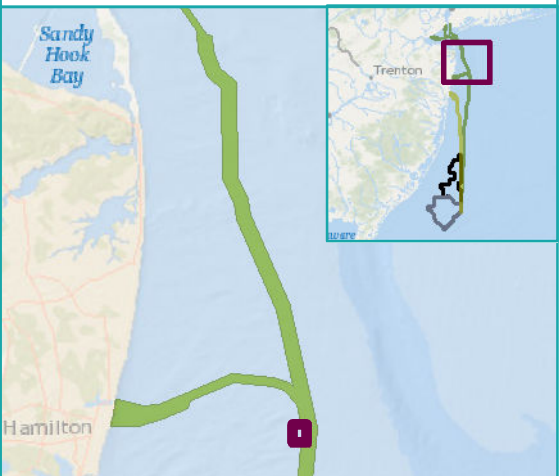
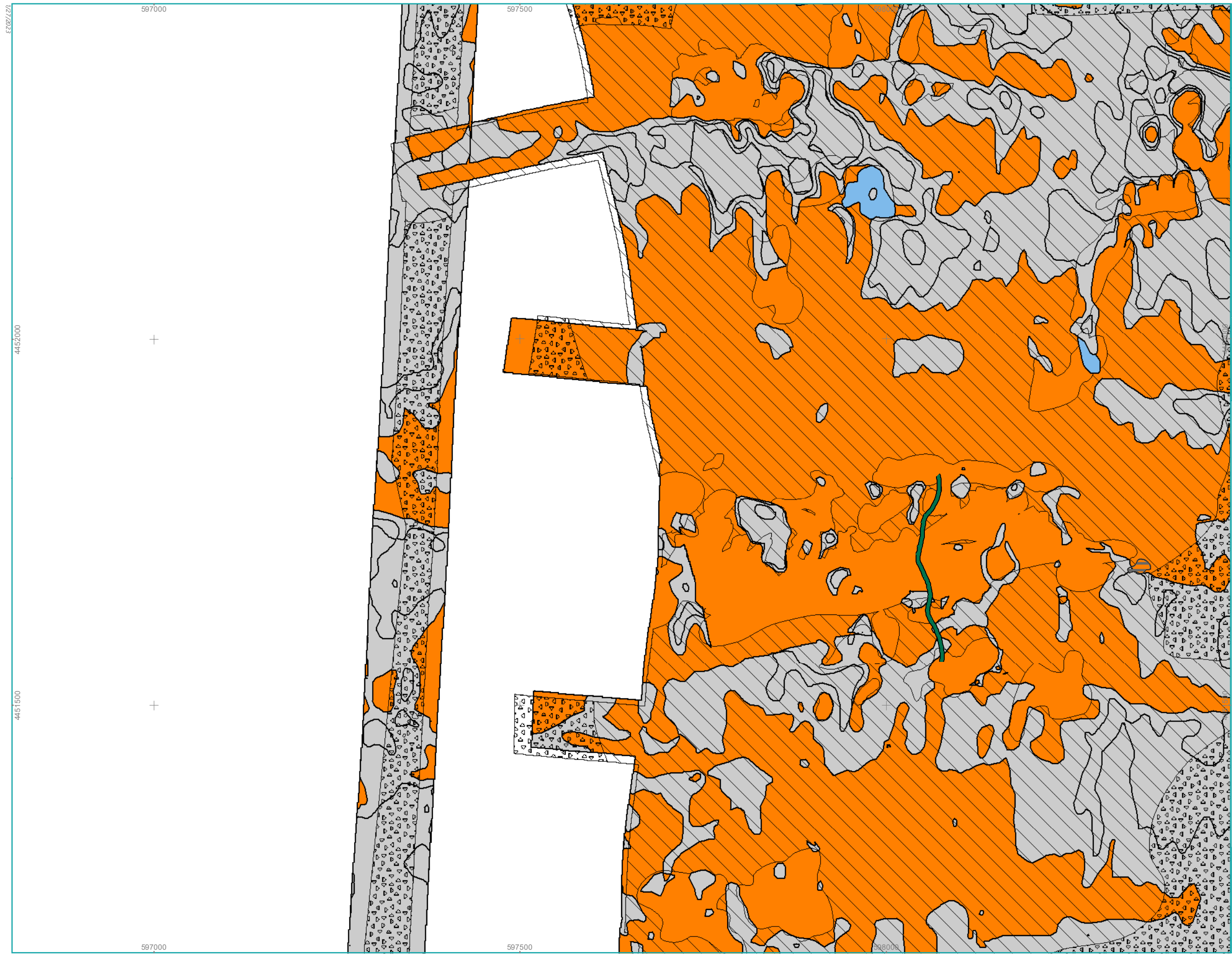
LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Soft Bottom Station - PV
- ▤ Ripple
- ▤ SandWave
- ▤ BoulderFields
- ▤ Complex Habitat
- ▤ Heterogeneous Complex Habitat
- ▤ Soft Bottom Habitat
- ▤ Northern Export Cable Corridor (ECC)

Figure 157

Northern Export Cable Corridor (ECC)

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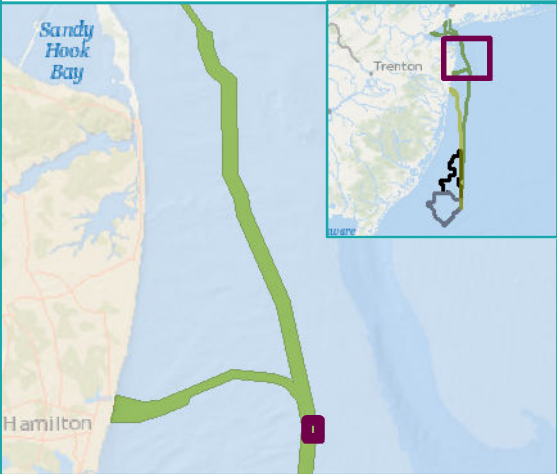
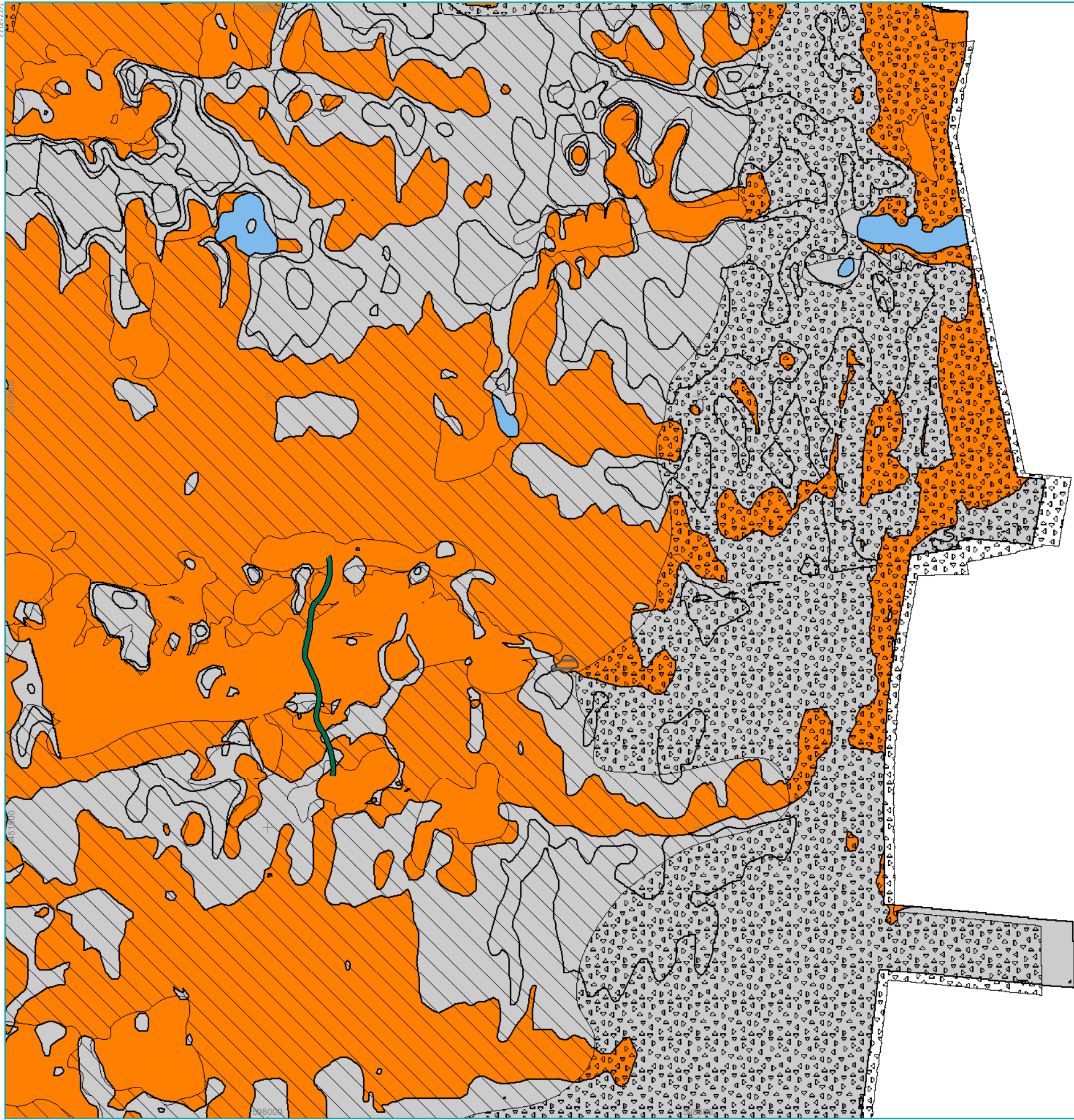


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 158

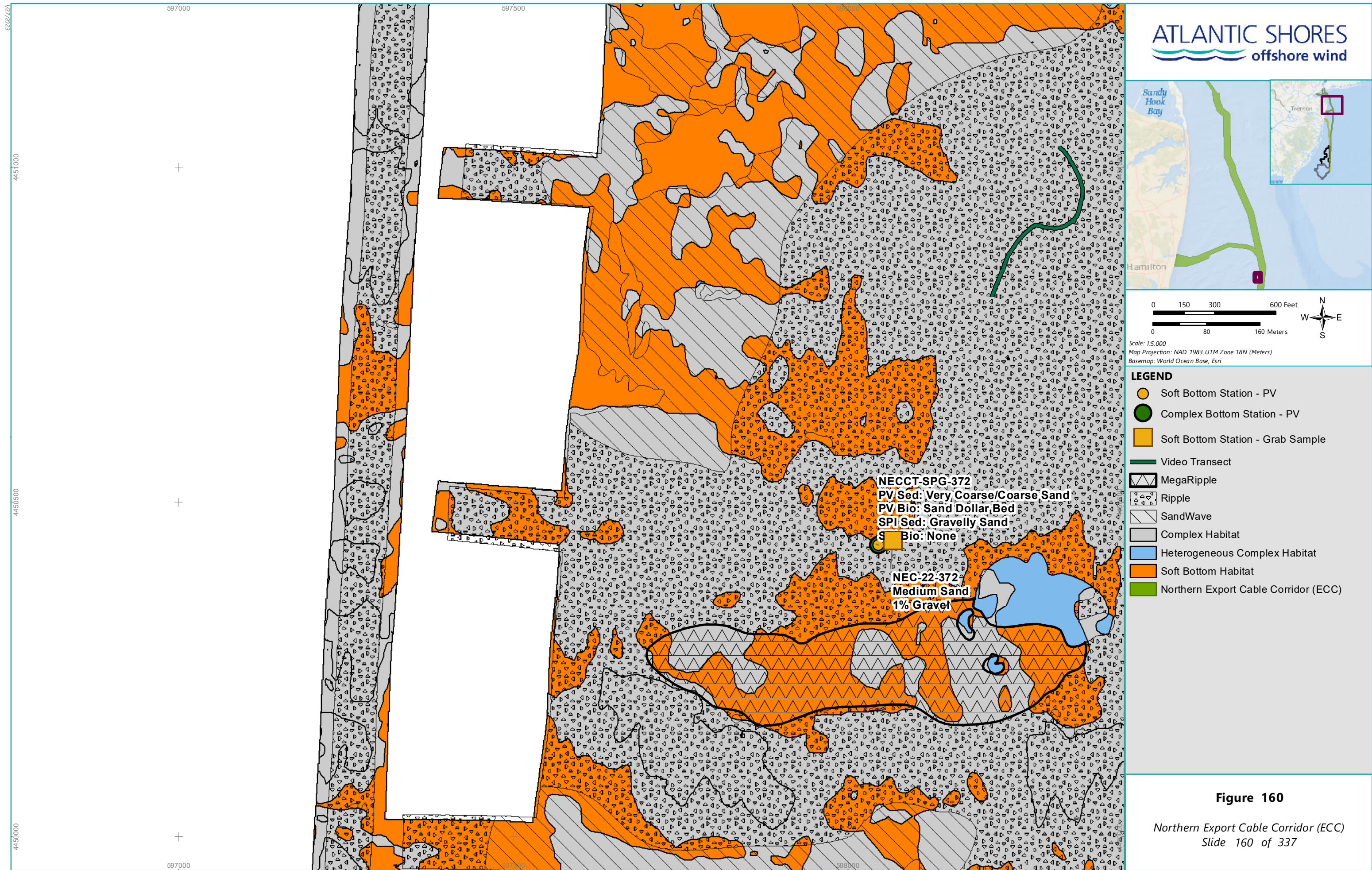
Northern Export Cable Corridor (ECC)
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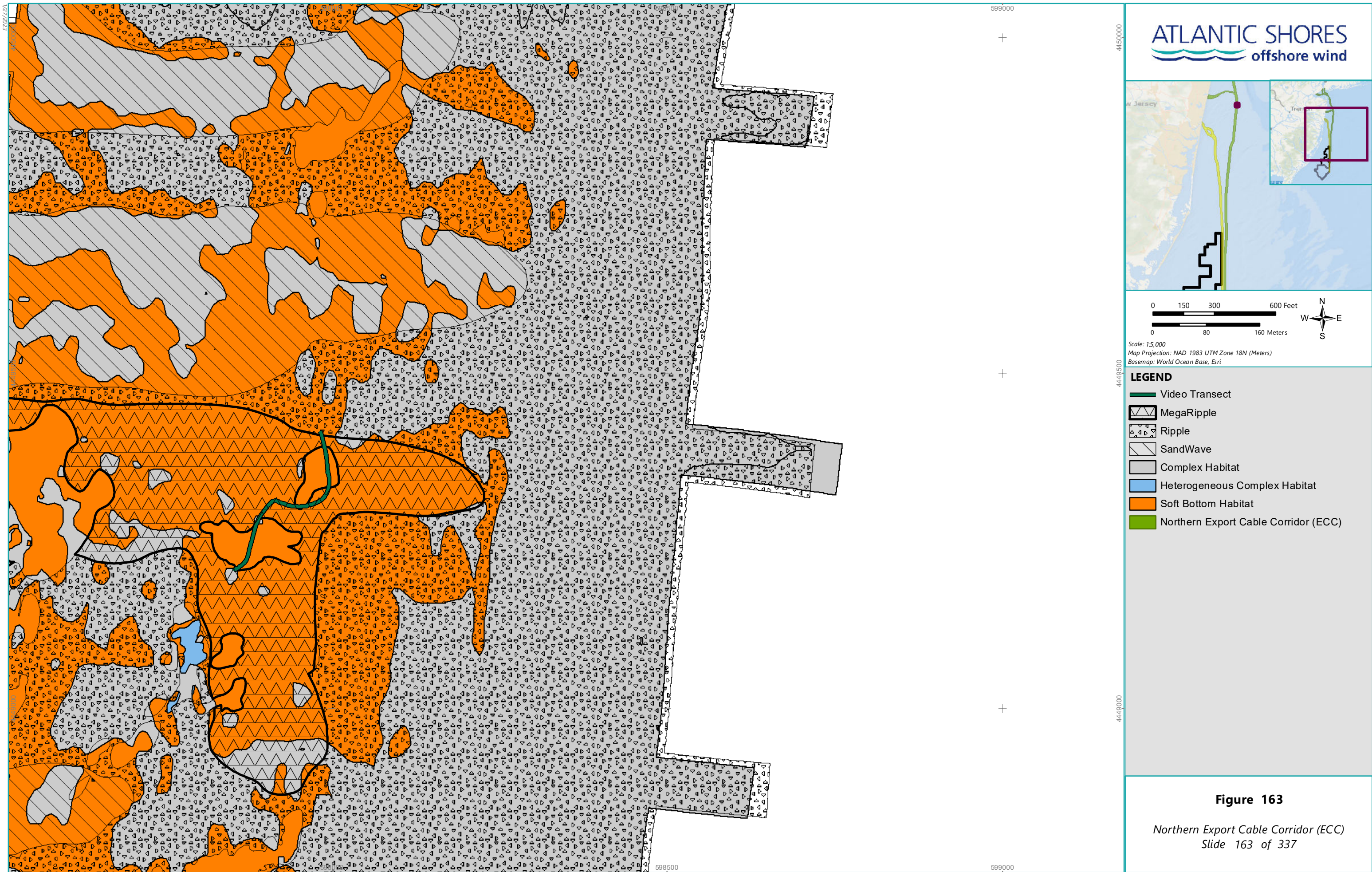


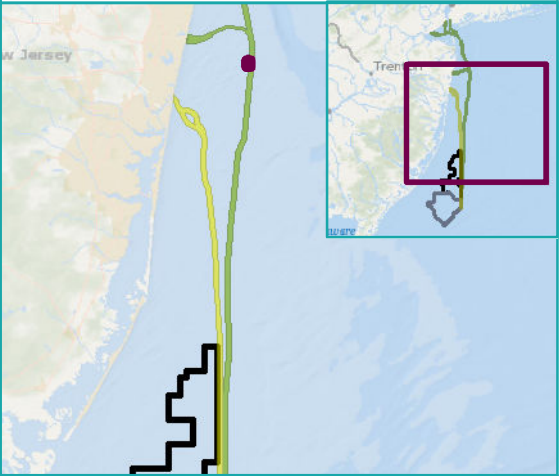
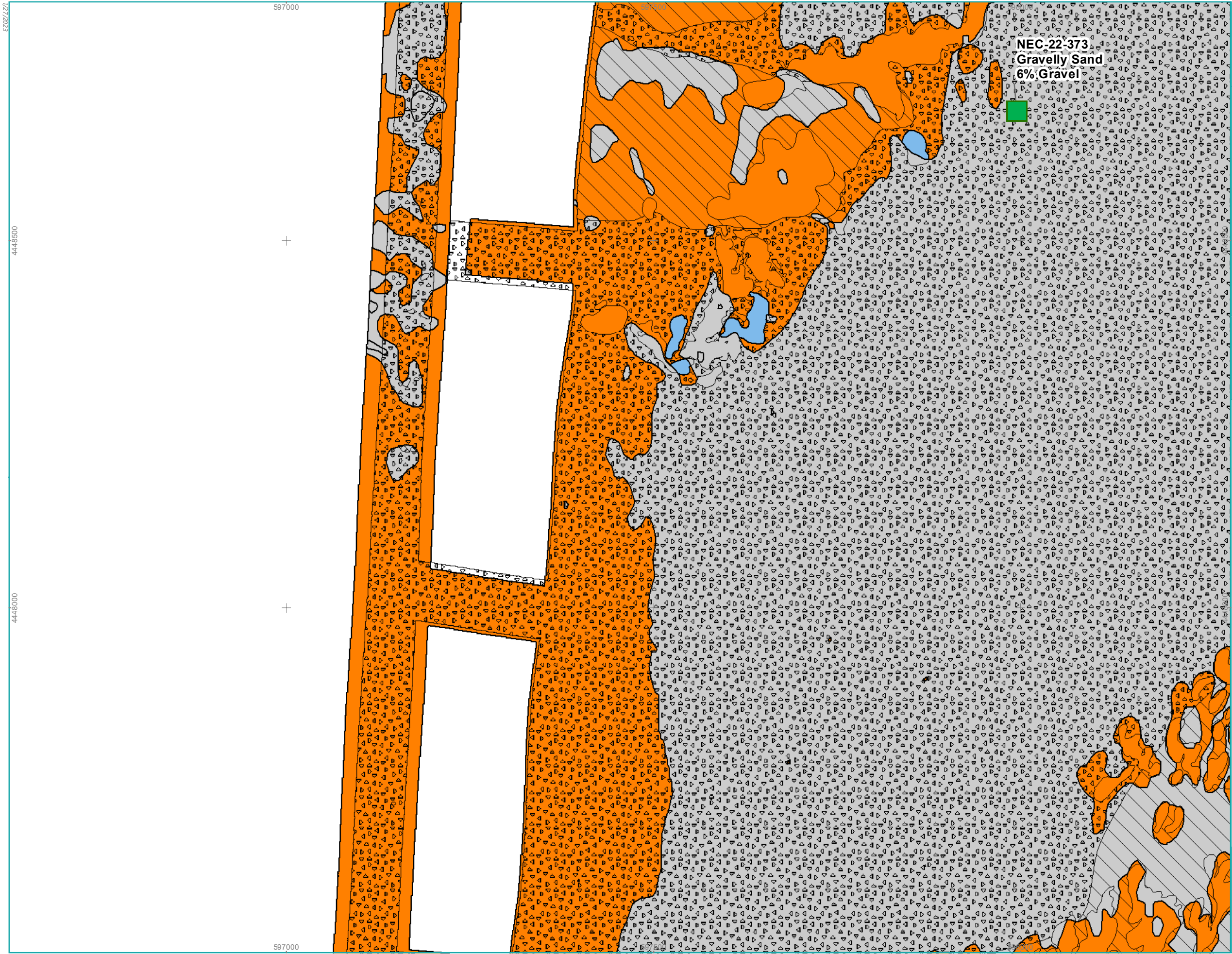
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 159



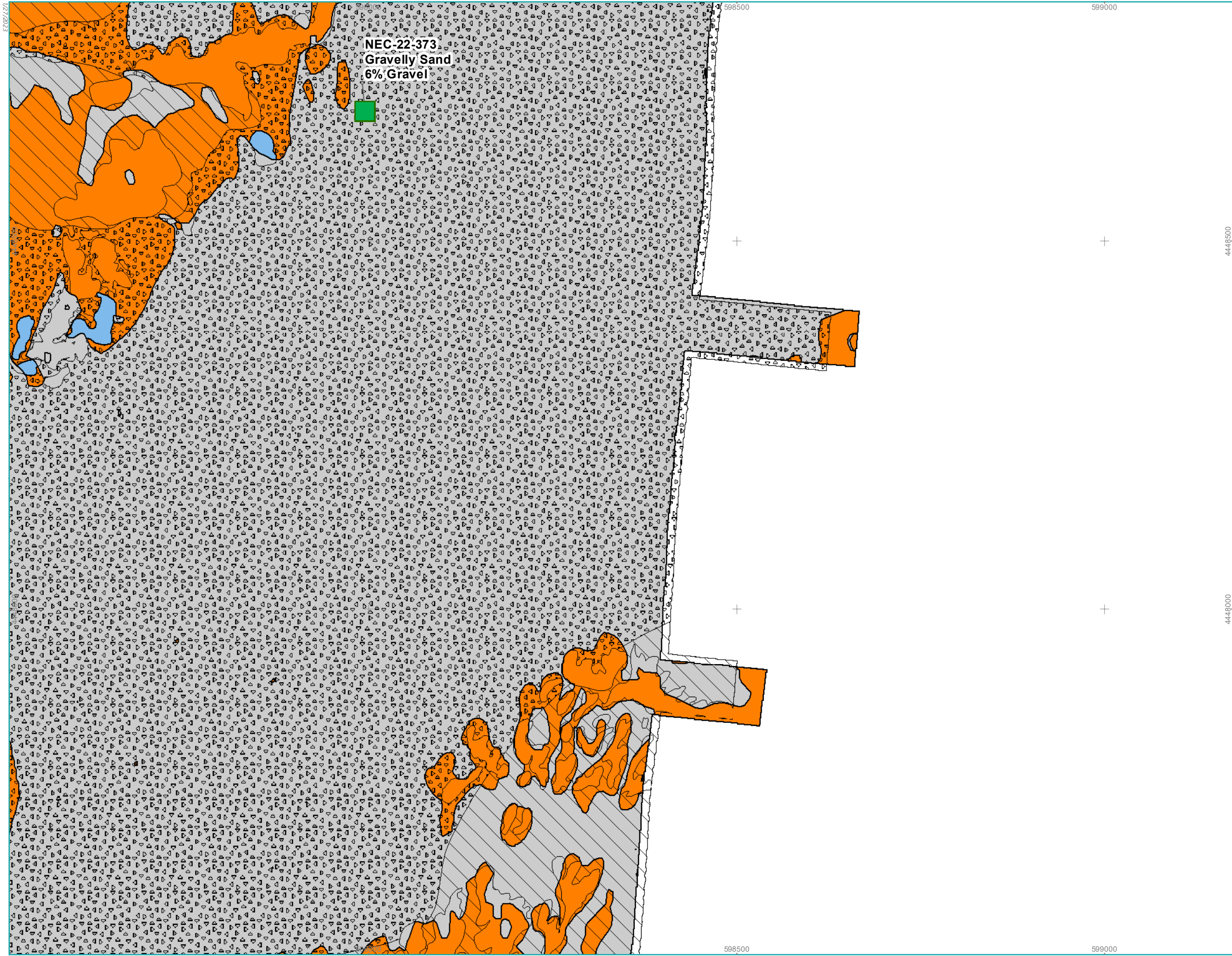




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 164



0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

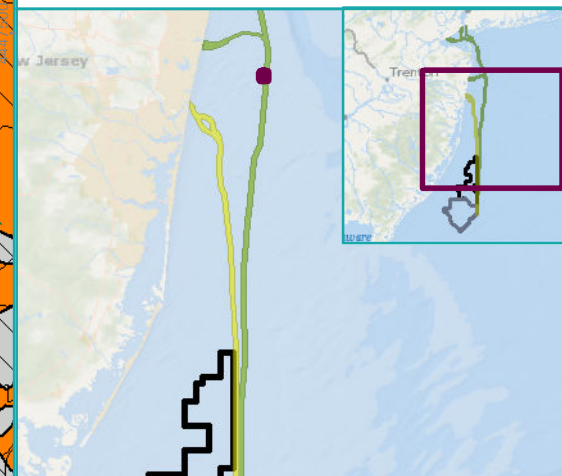
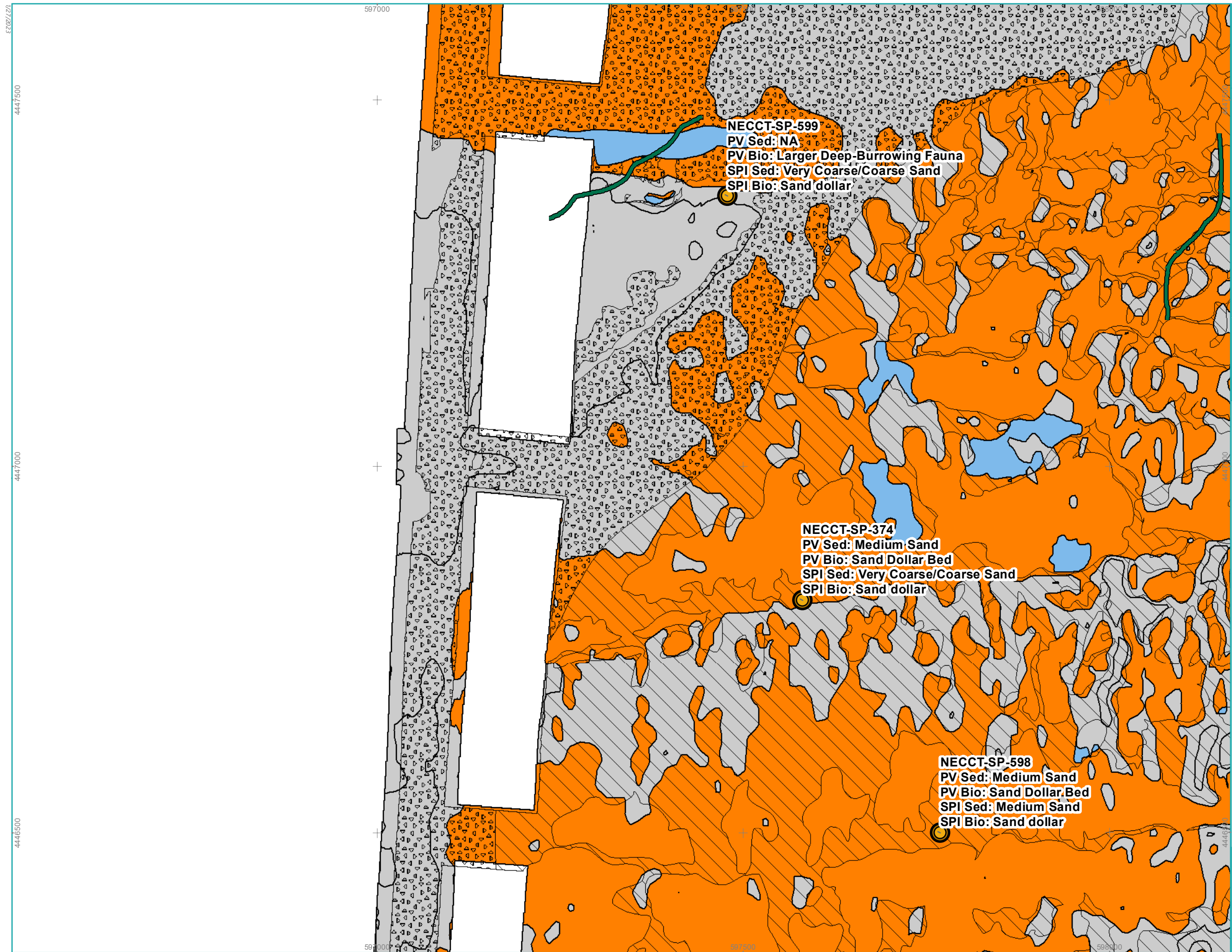
LEGEND

- Complex Bottom Station - Grab Sample
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 165

Northern Export Cable Corridor (ECC)

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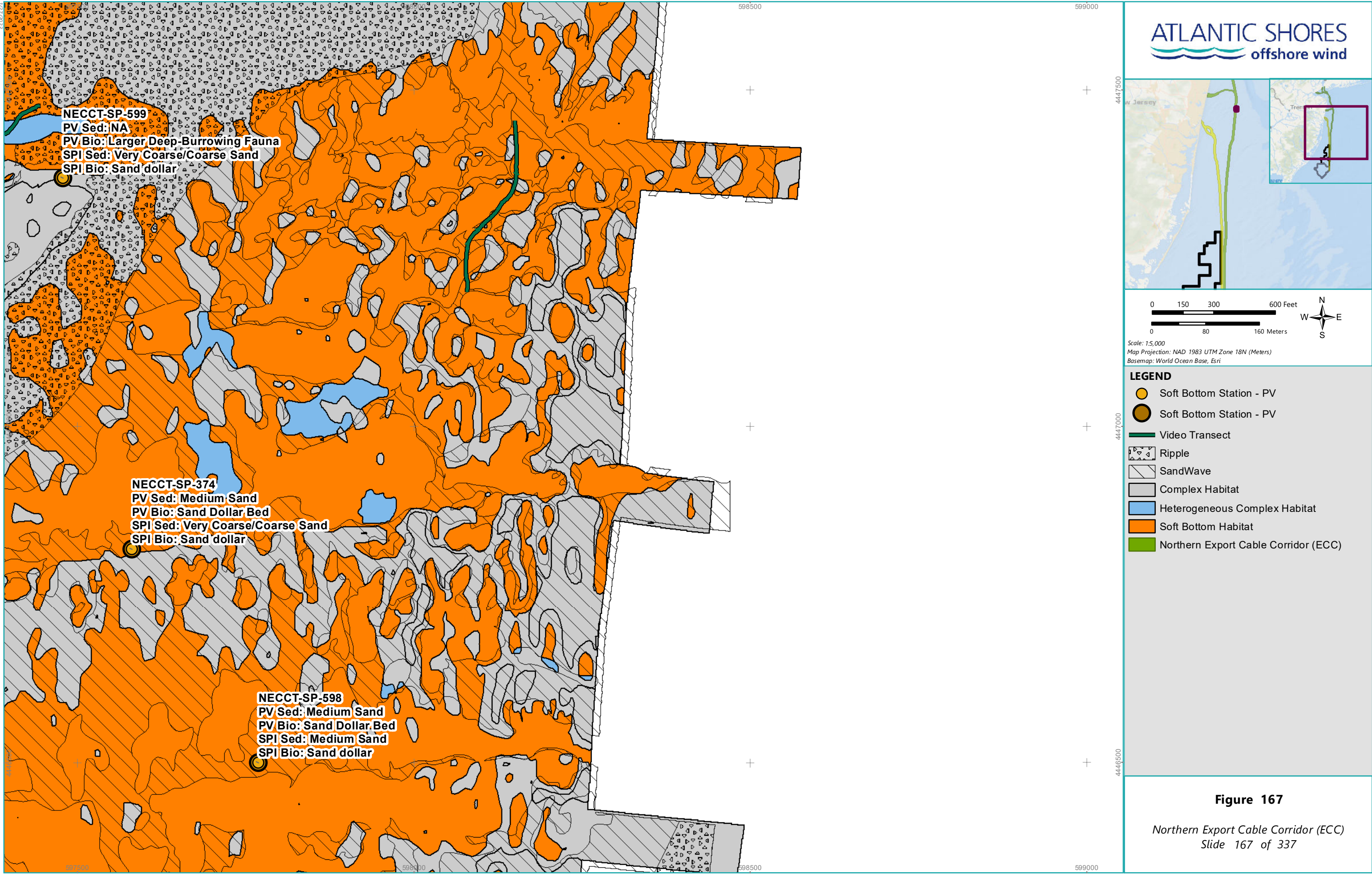
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

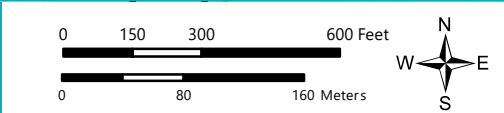
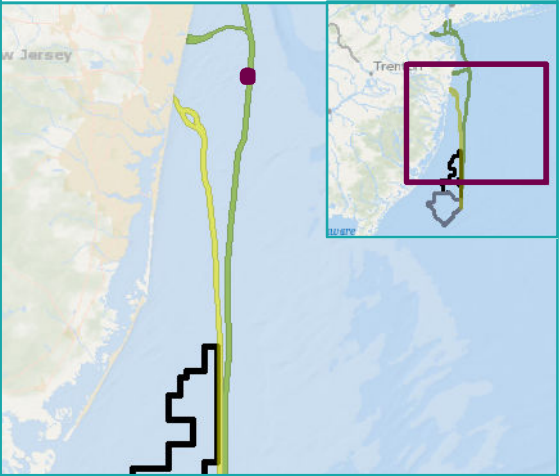
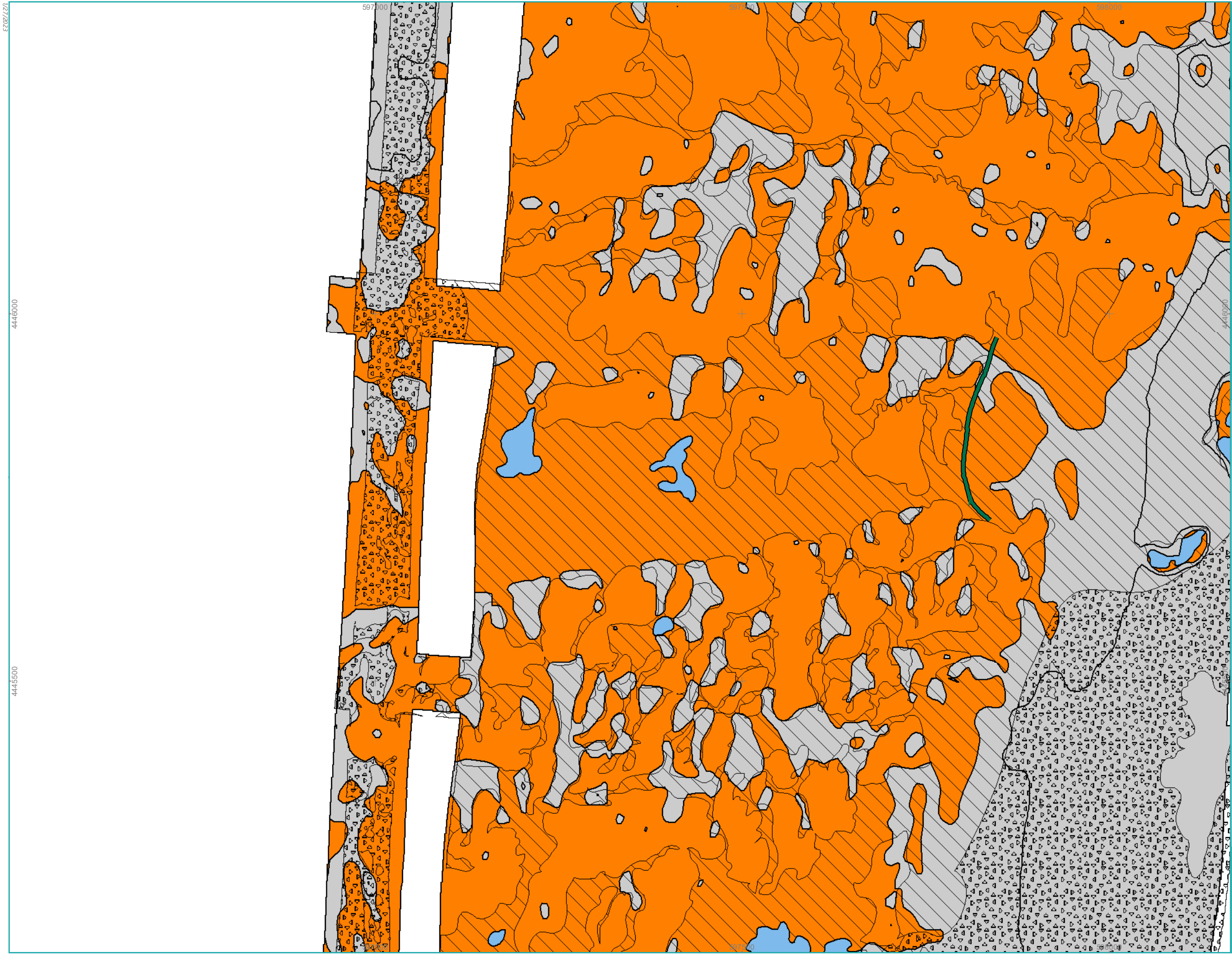
LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Video Transect
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 166

Northern Export Cable Corridor (ECC)
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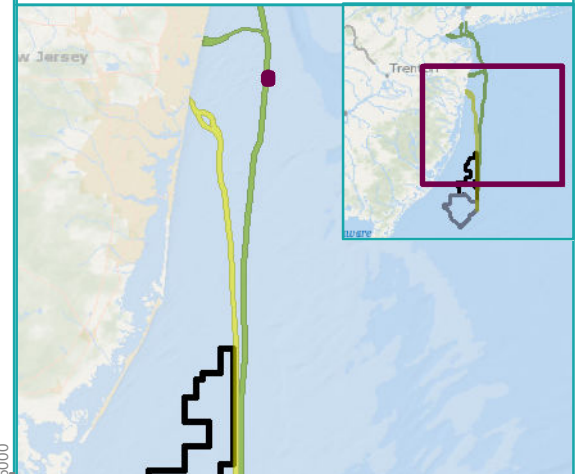




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 168

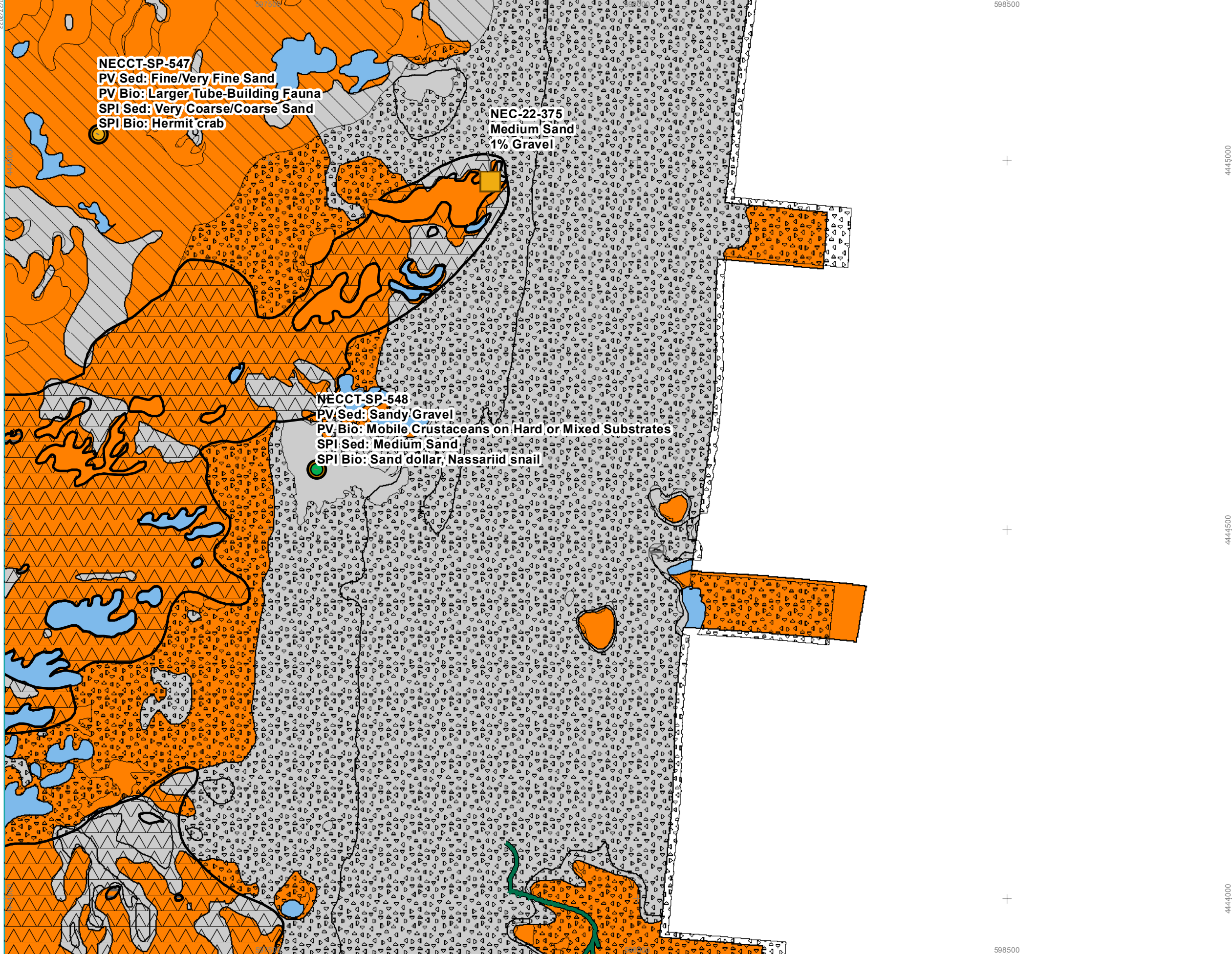


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Video Transect
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 169

Northern Export Cable Corridor (ECC)
Slide 169 of 337



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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

Complex Bottom Station - PV

Soft Bottom Station - PV

Soft Bottom Station - PV

Soft Bottom Station - Grab Sample

Video Transect

MegaRipple

Ripple

SandWave

LocalizedReliefFeature

Complex Habitat

Heterogeneous Complex Habitat

Soft Bottom Habitat

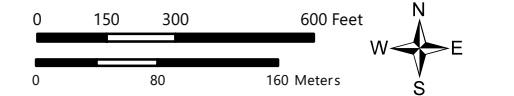
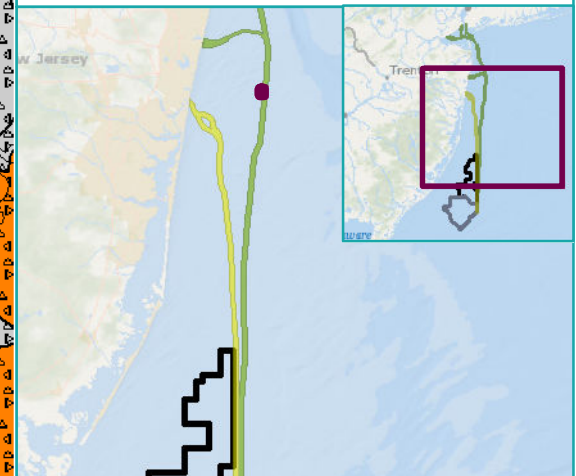
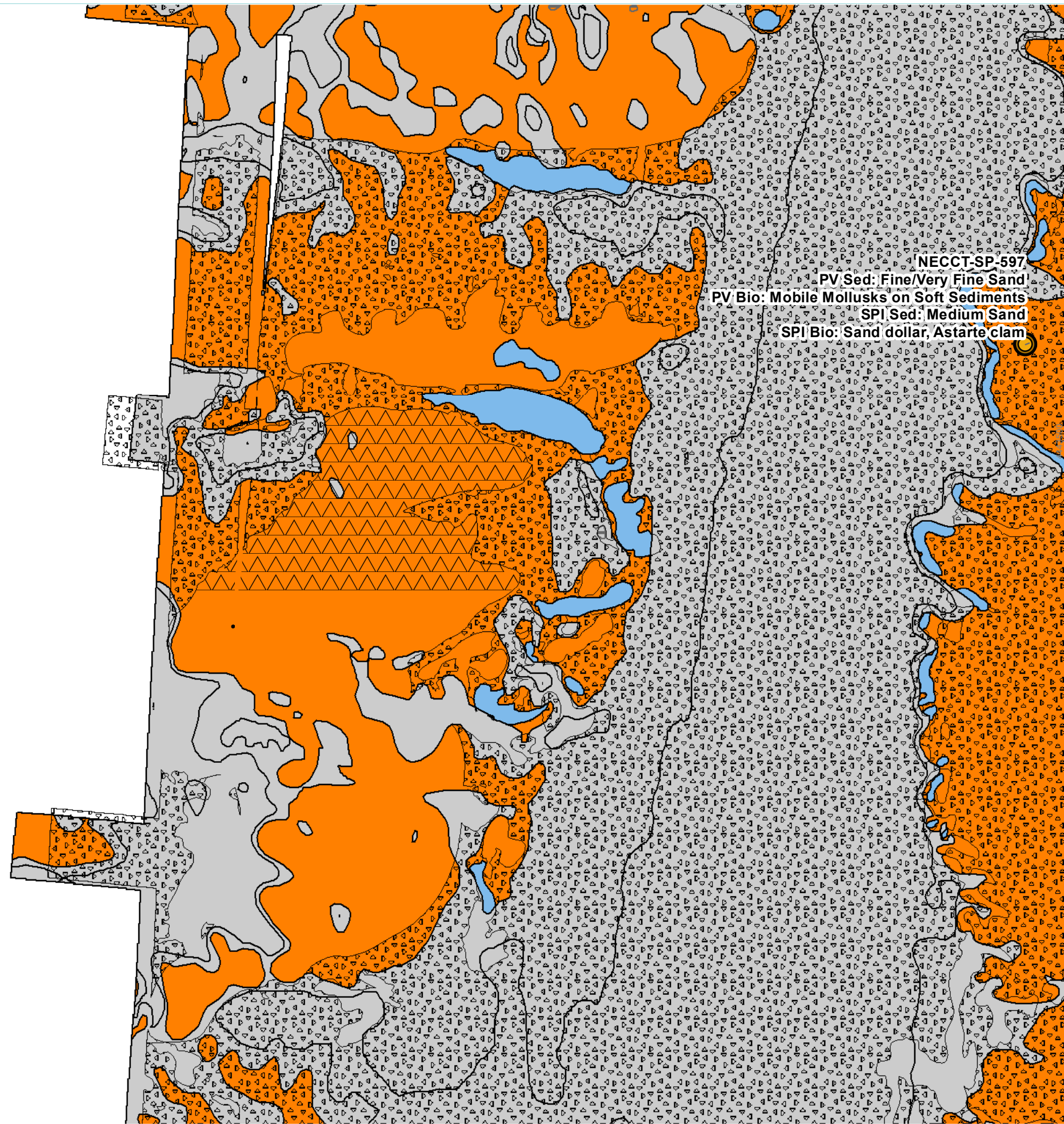
Northern Export Cable Corridor (ECC)

Figure 171

Northern Export Cable Corridor (ECC)

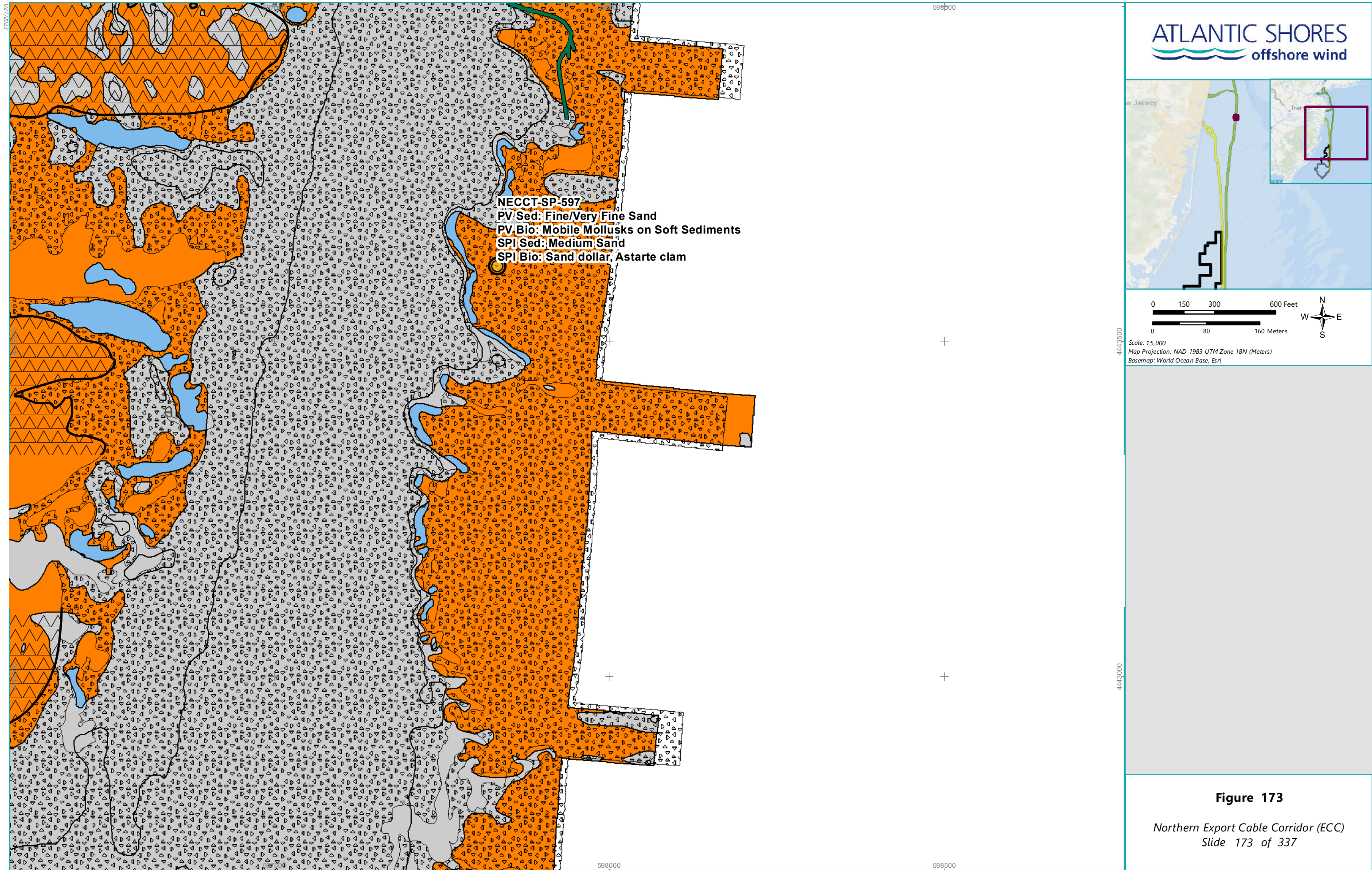
Slide 171 of 337

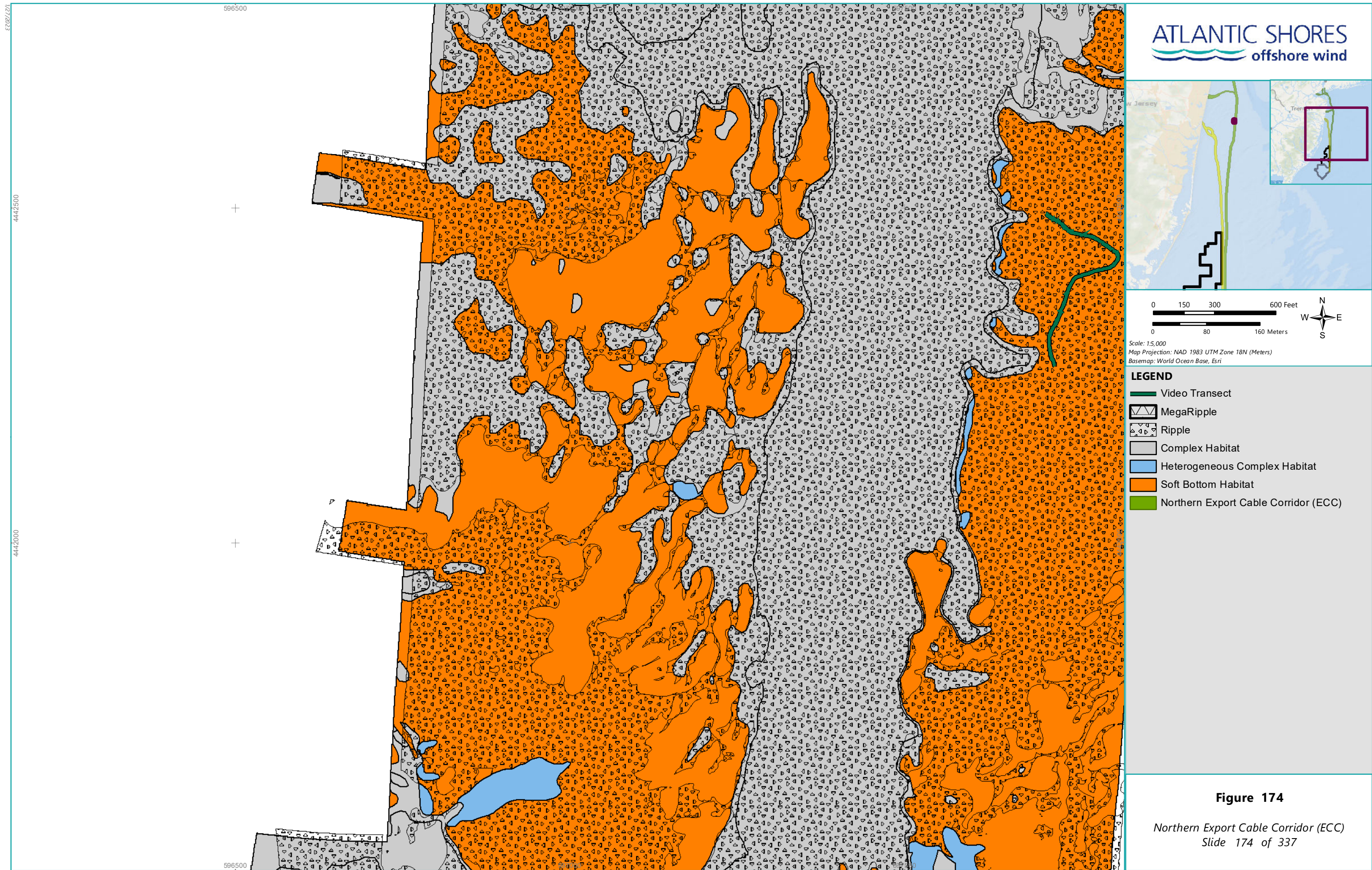
+

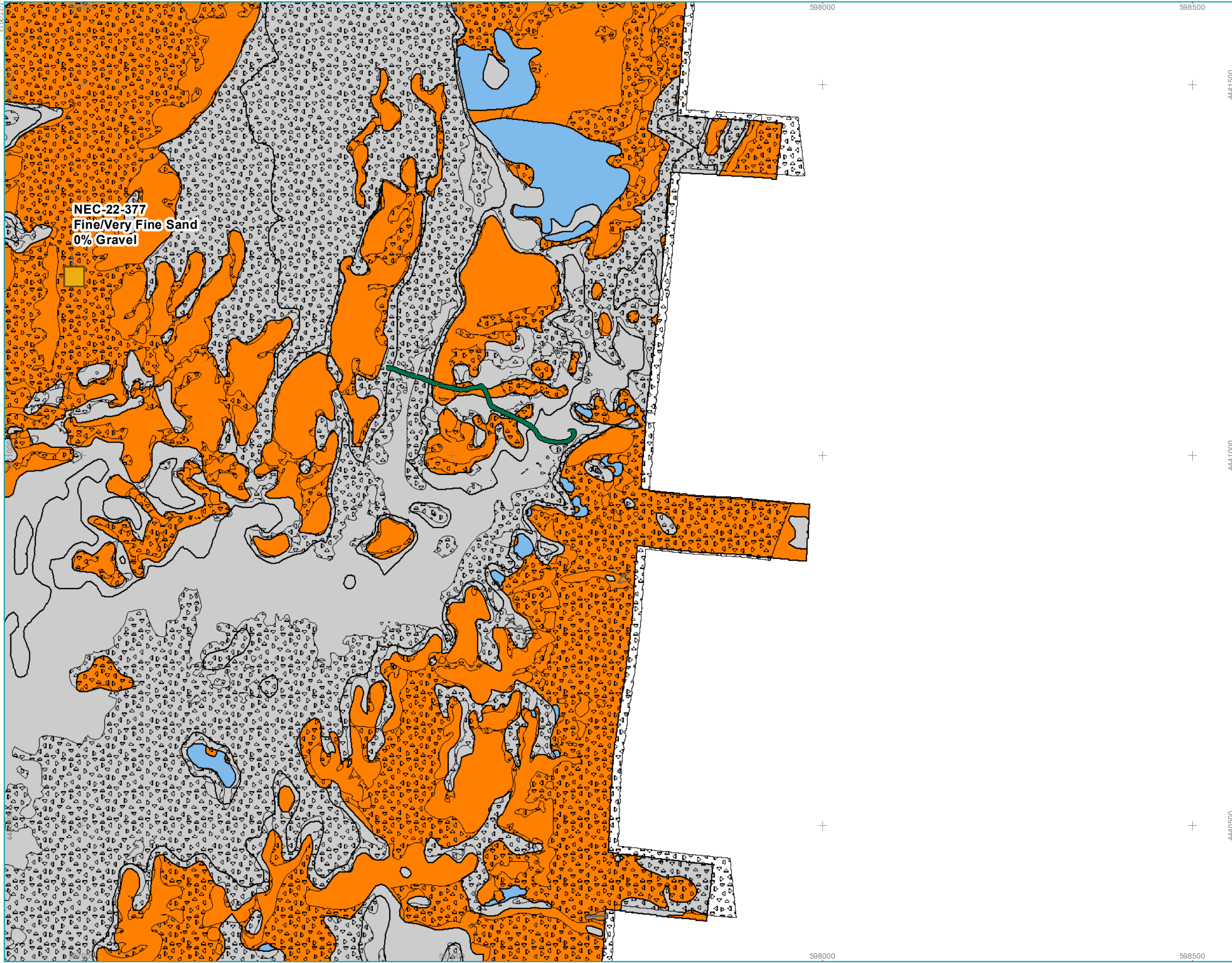


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

Figure 172







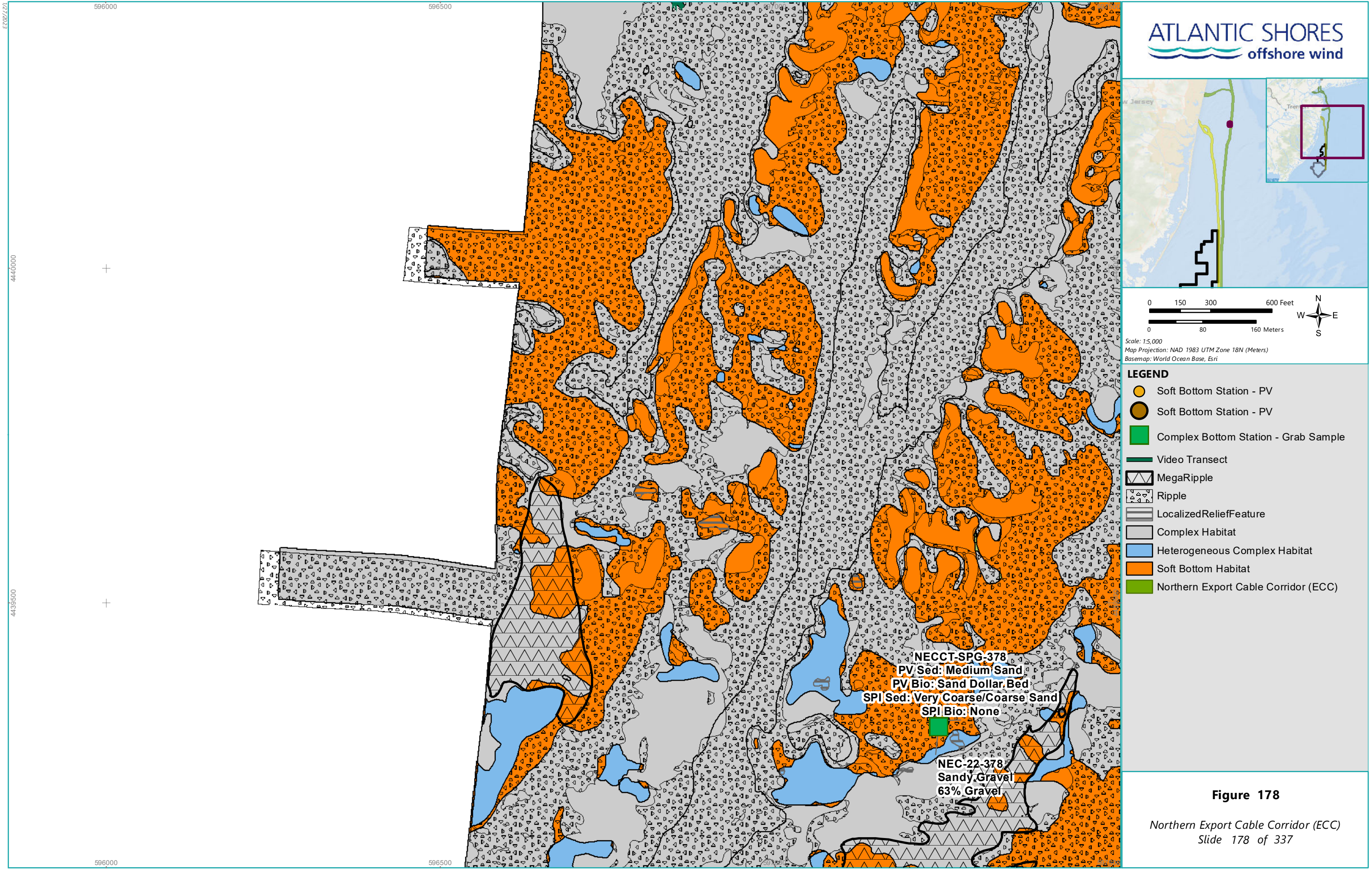
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

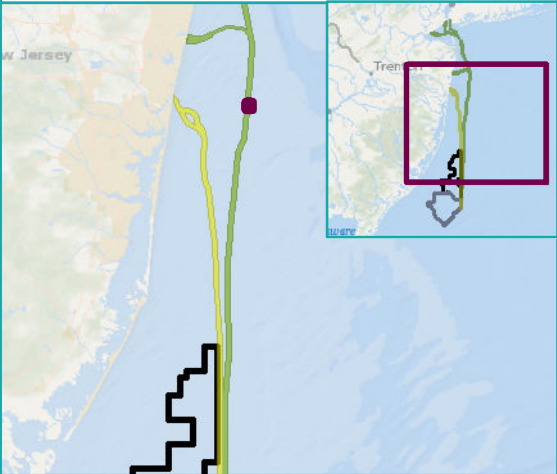
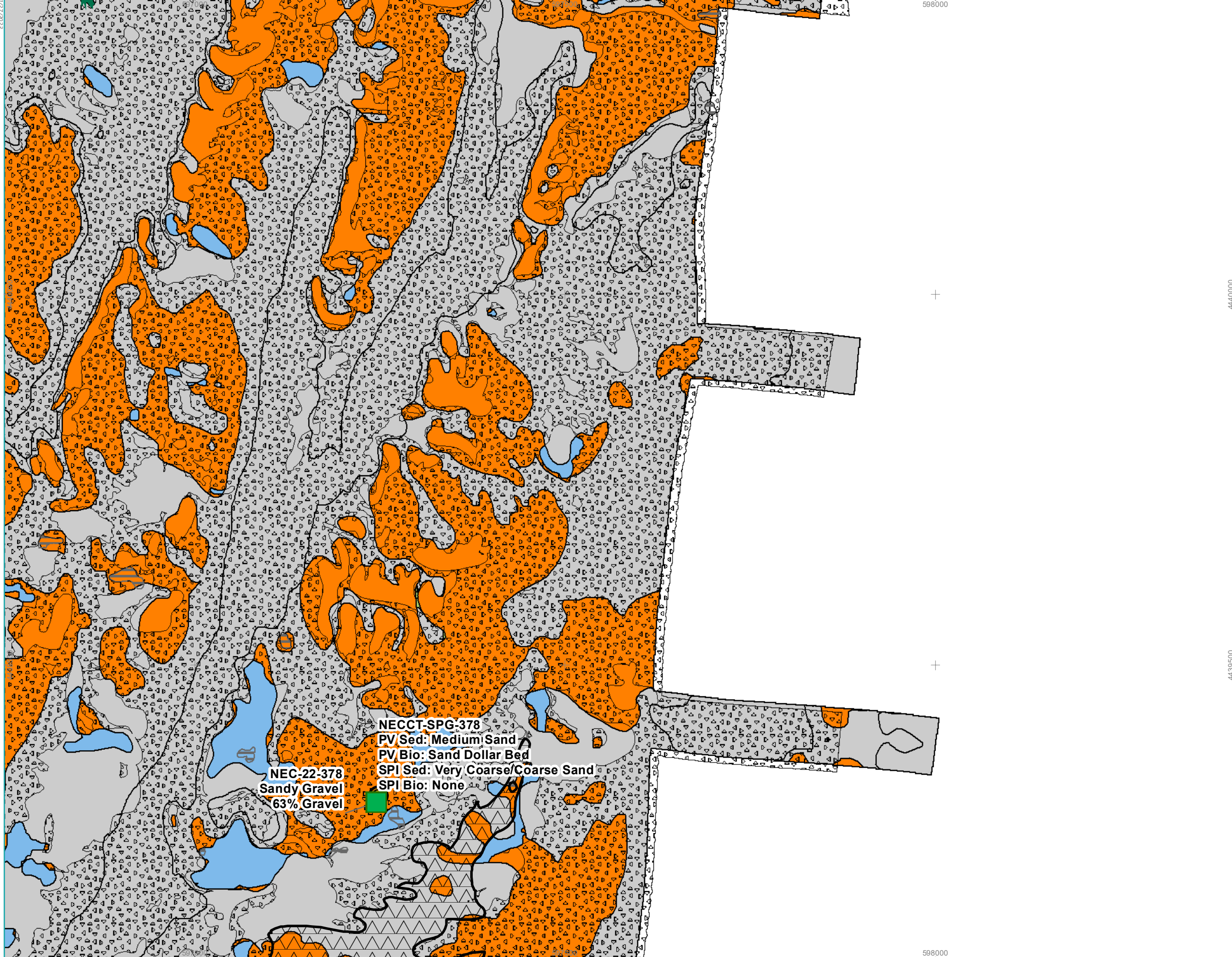
- LEGEND**
- Soft Bottom Station - Grab Sample
 - Video Transect
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 177

Northern Export Cable Corridor (ECC)

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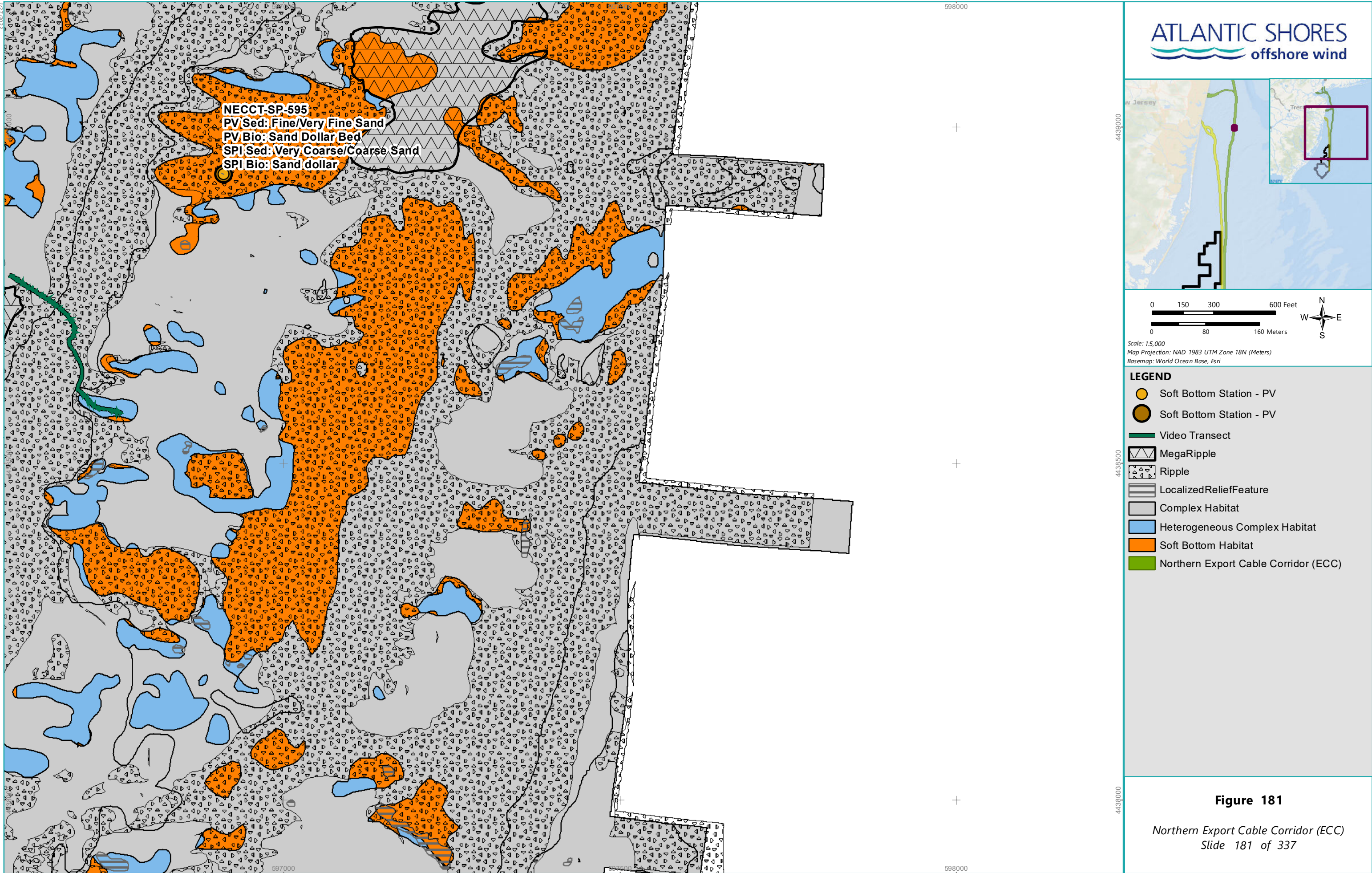


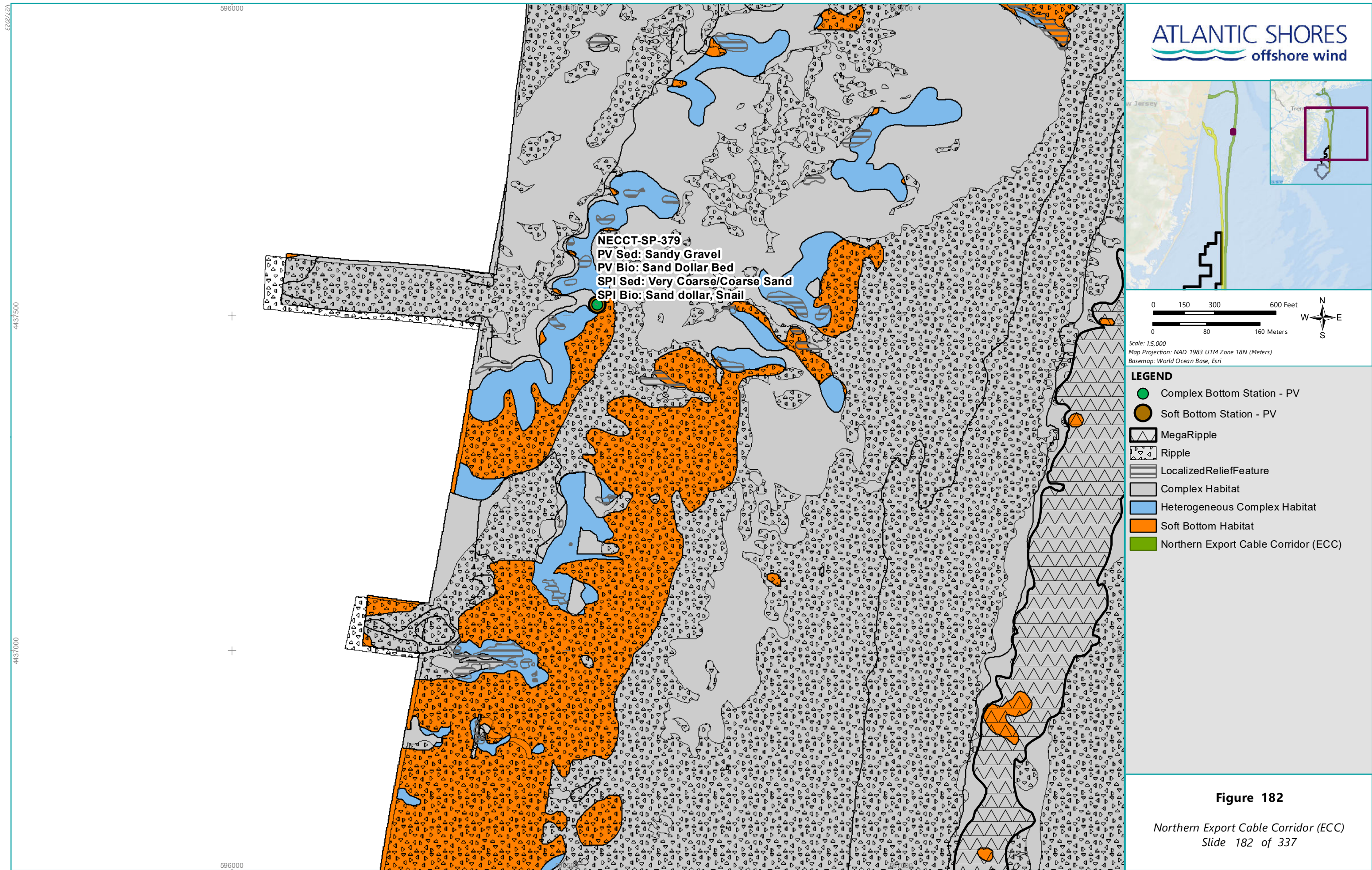


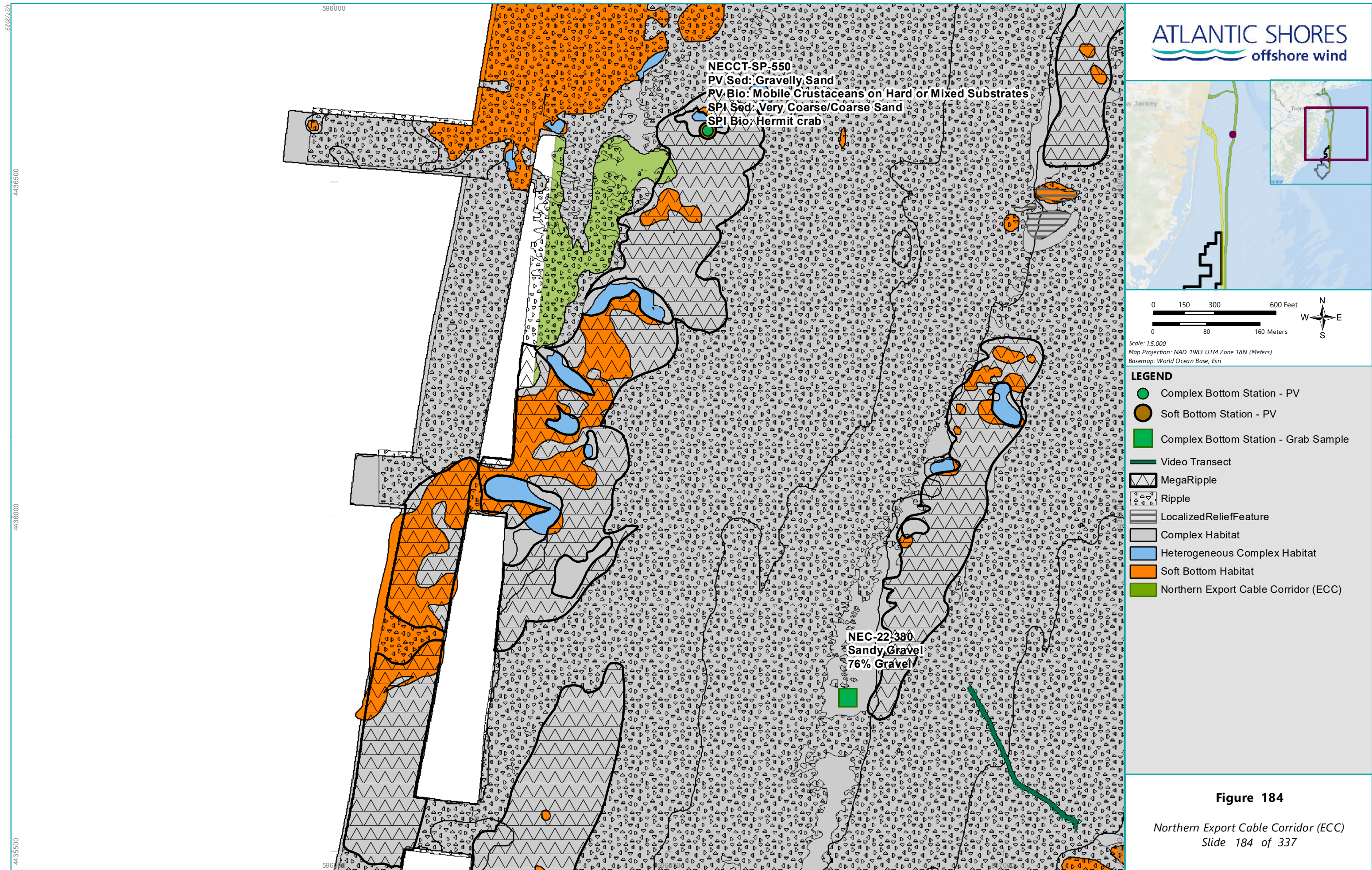
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

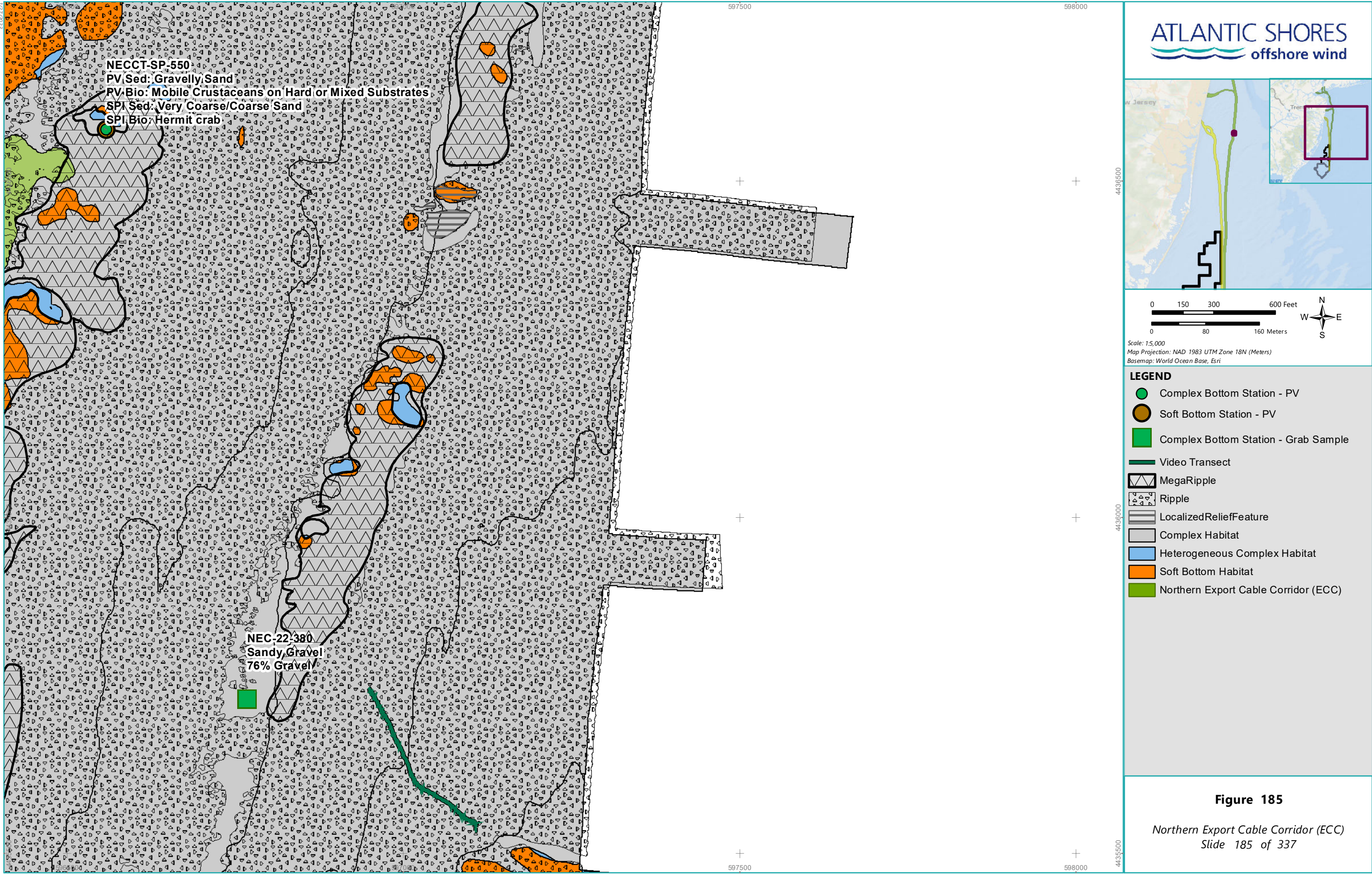
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Complex Bottom Station - Grab Sample
 - Video Transect
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

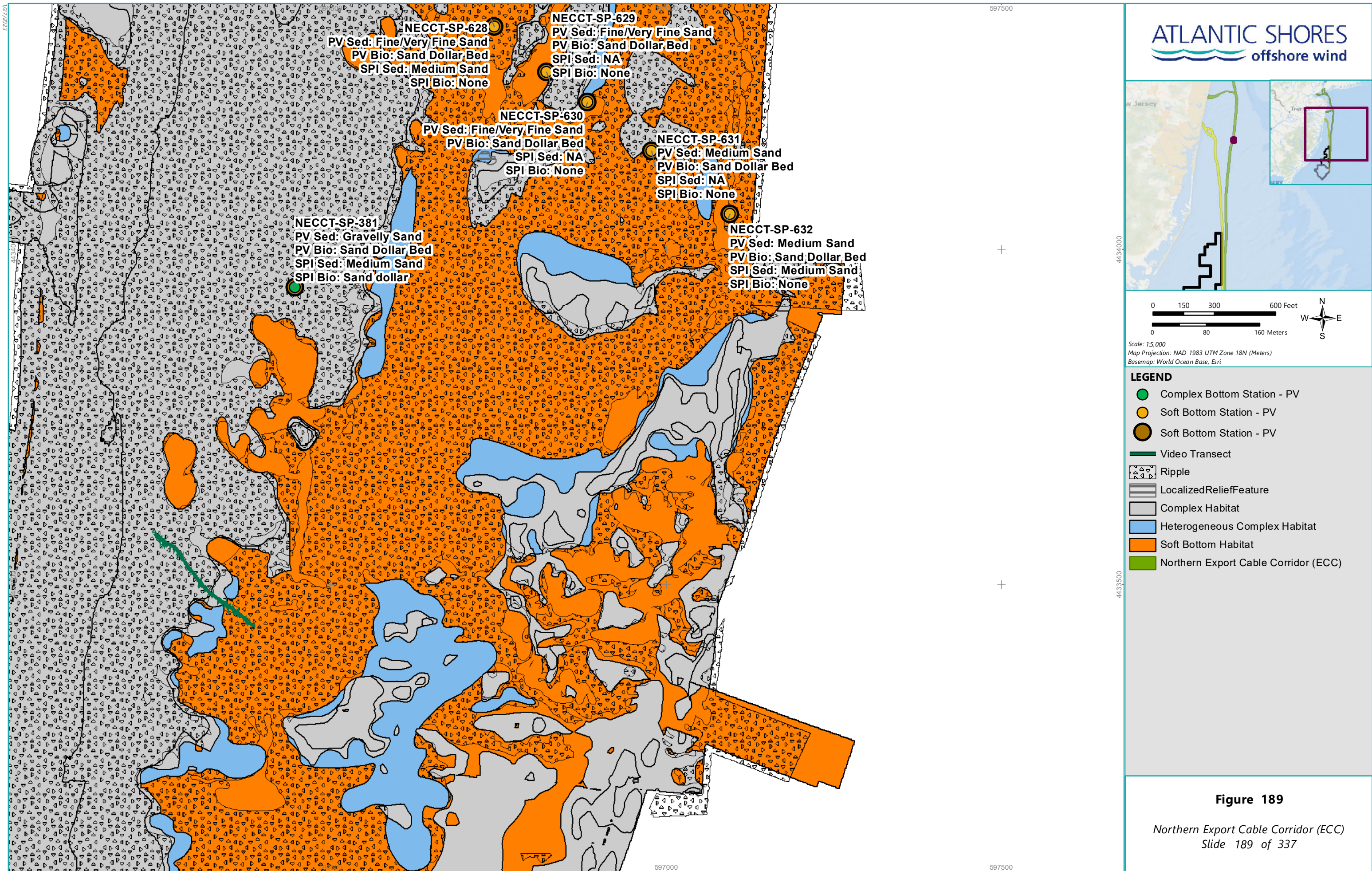
Figure 179

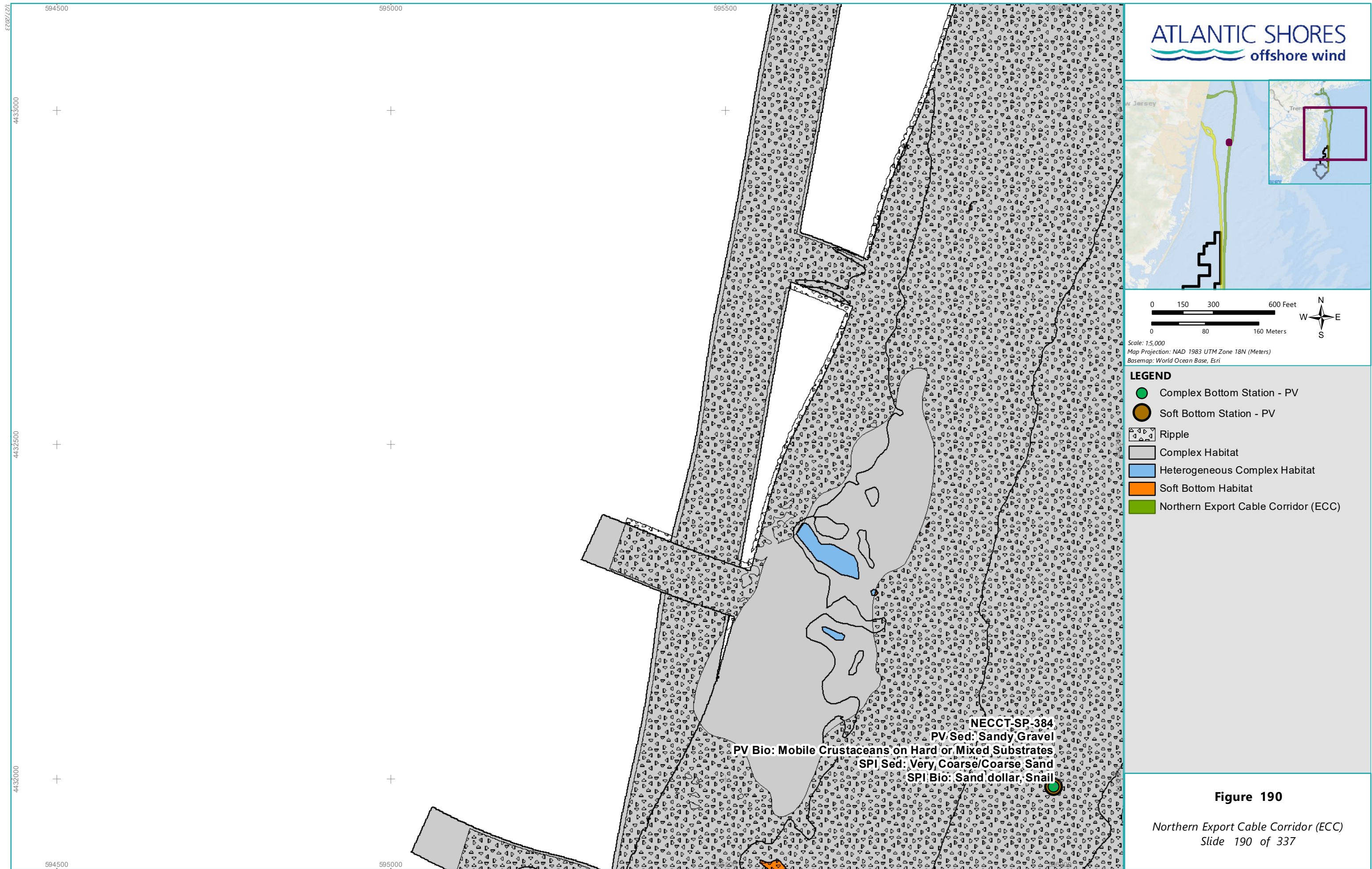


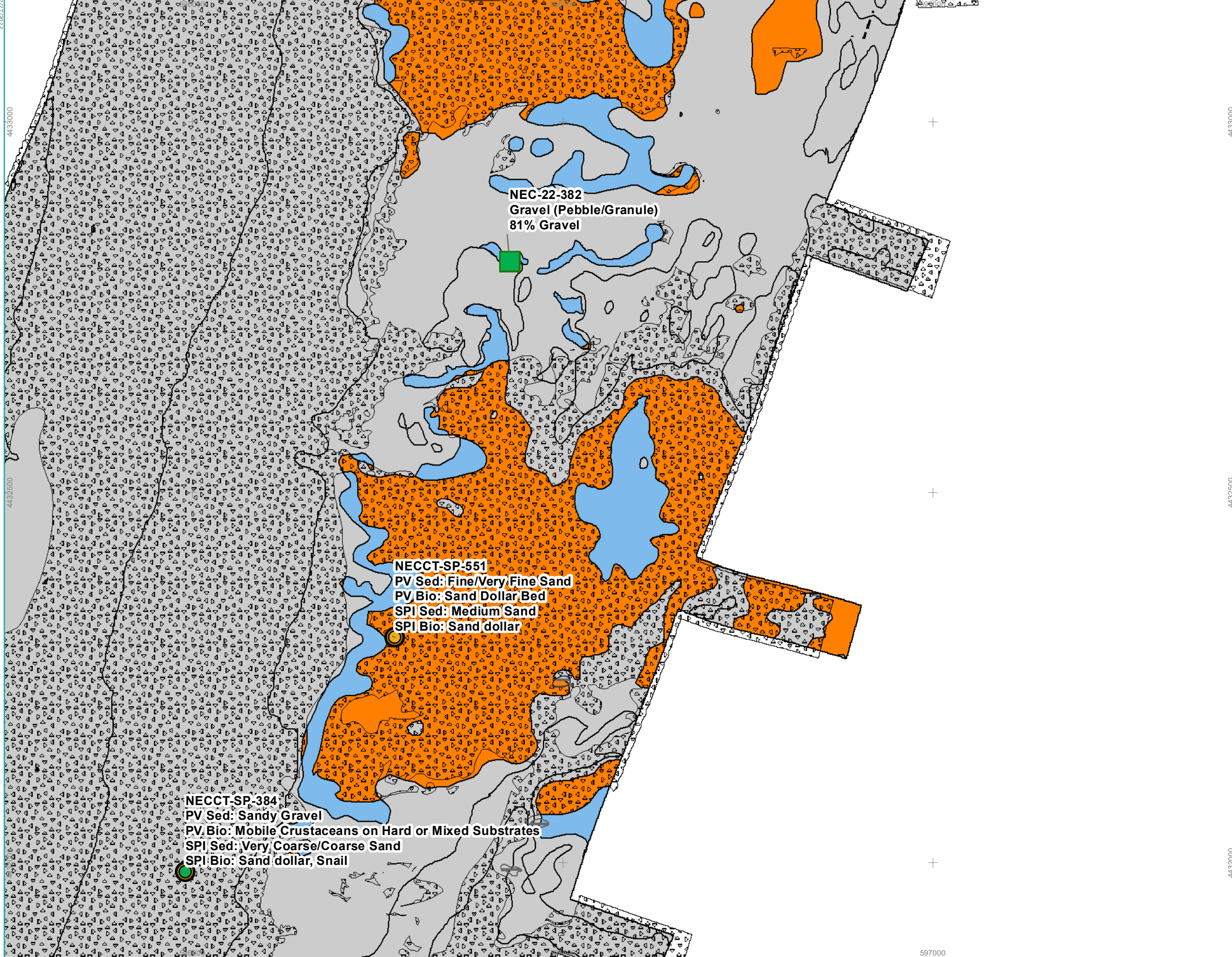












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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

Complex Bottom Station - PV

Soft Bottom Station - PV

Soft Bottom Station - PV

Complex Bottom Station - Grab Sample

Ripple

LocalizedReliefFeature

Complex Habitat

Heterogeneous Complex Habitat

Soft Bottom Habitat

Northern Export Cable Corridor (ECC)

Figure 192

Northern Export Cable Corridor (ECC)
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7/27/2023

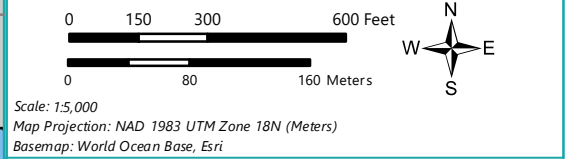
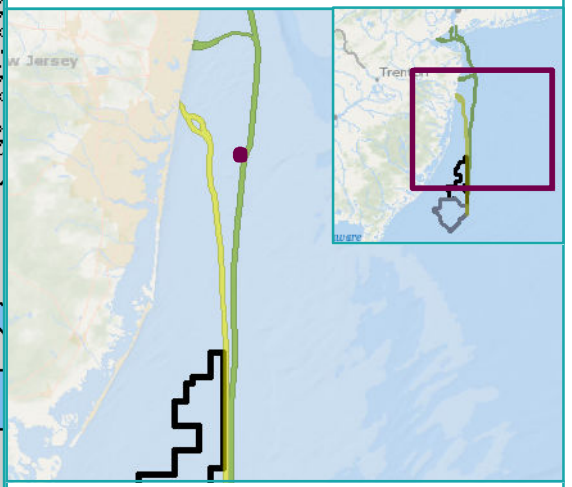
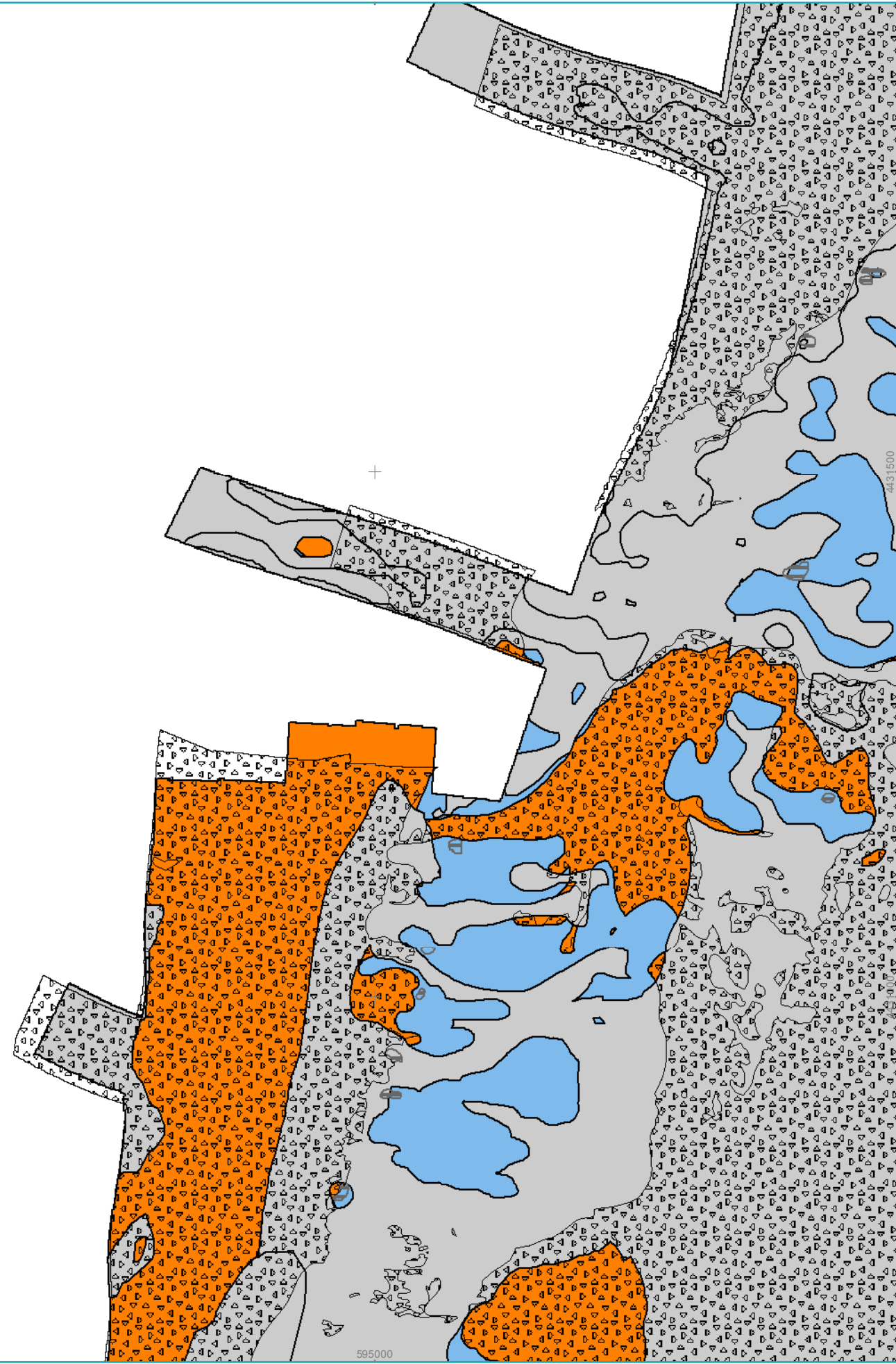
4431500

4431000

594000

594500

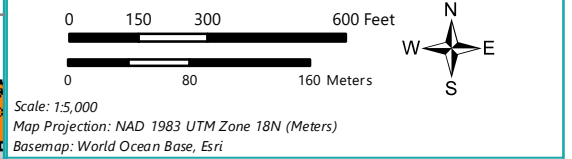
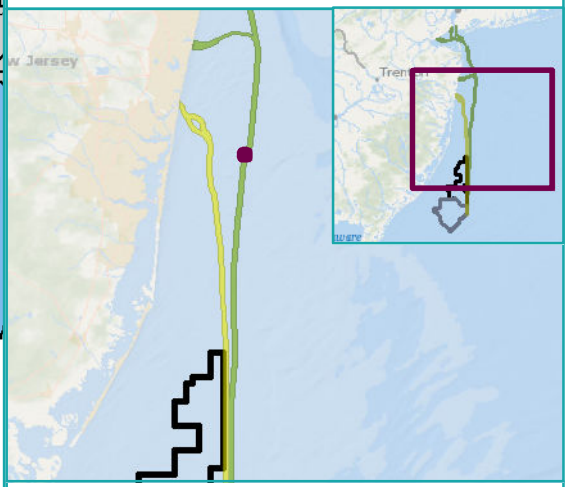
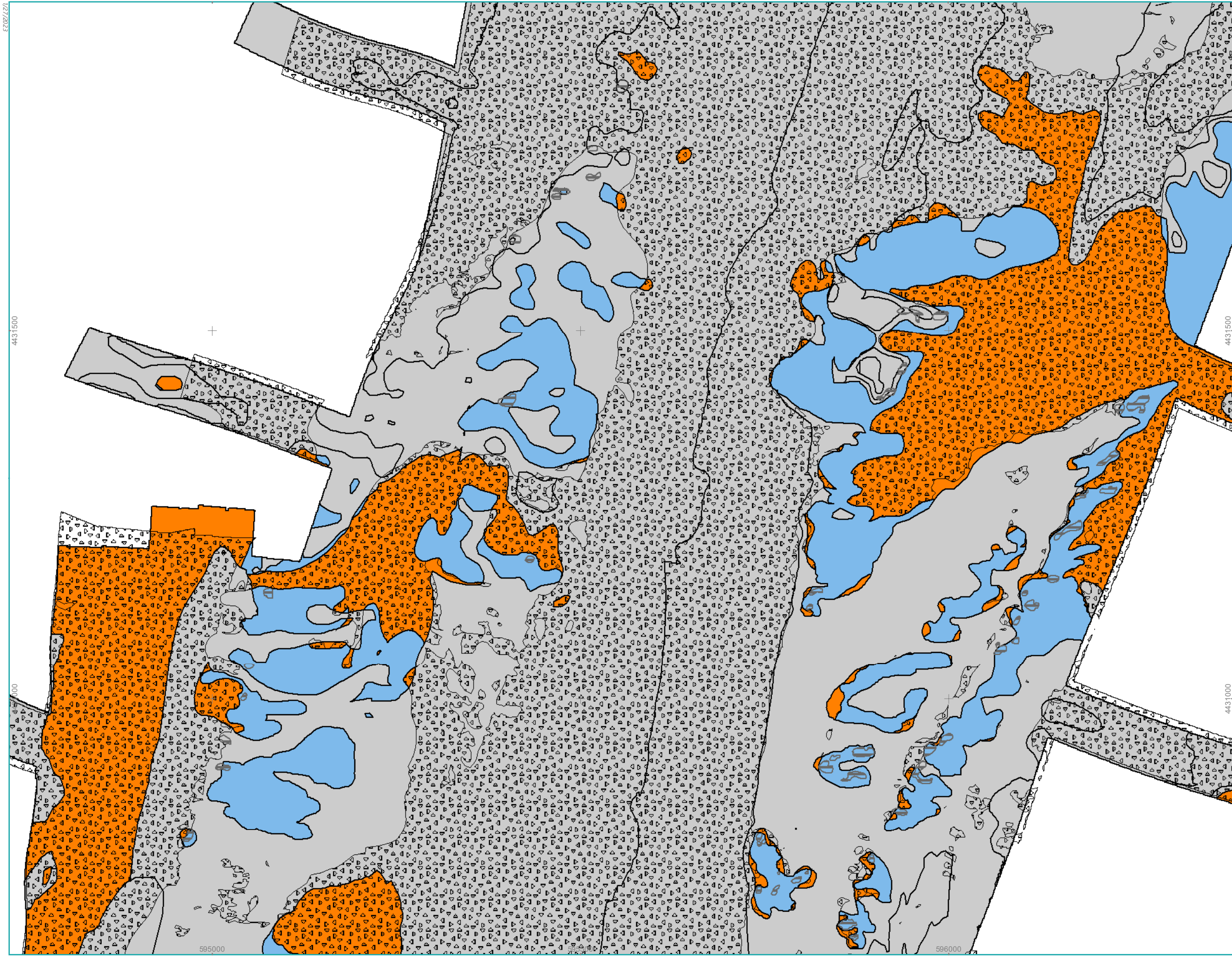
595000



- LEGEND**
- Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

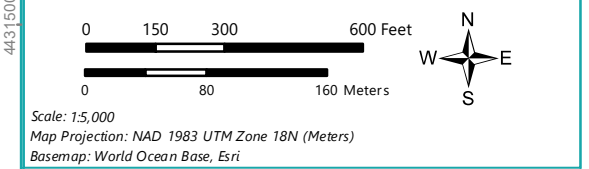
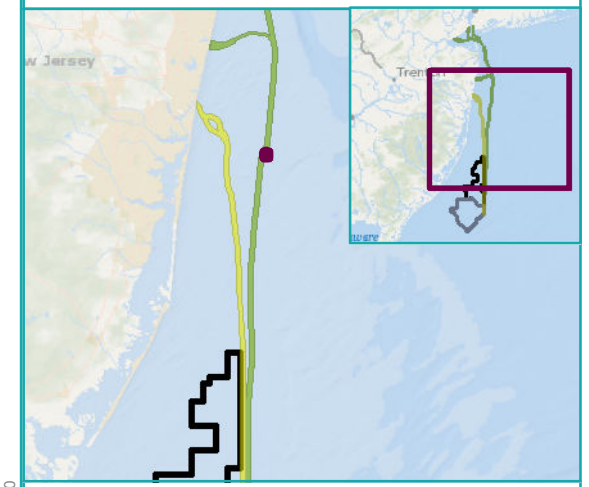
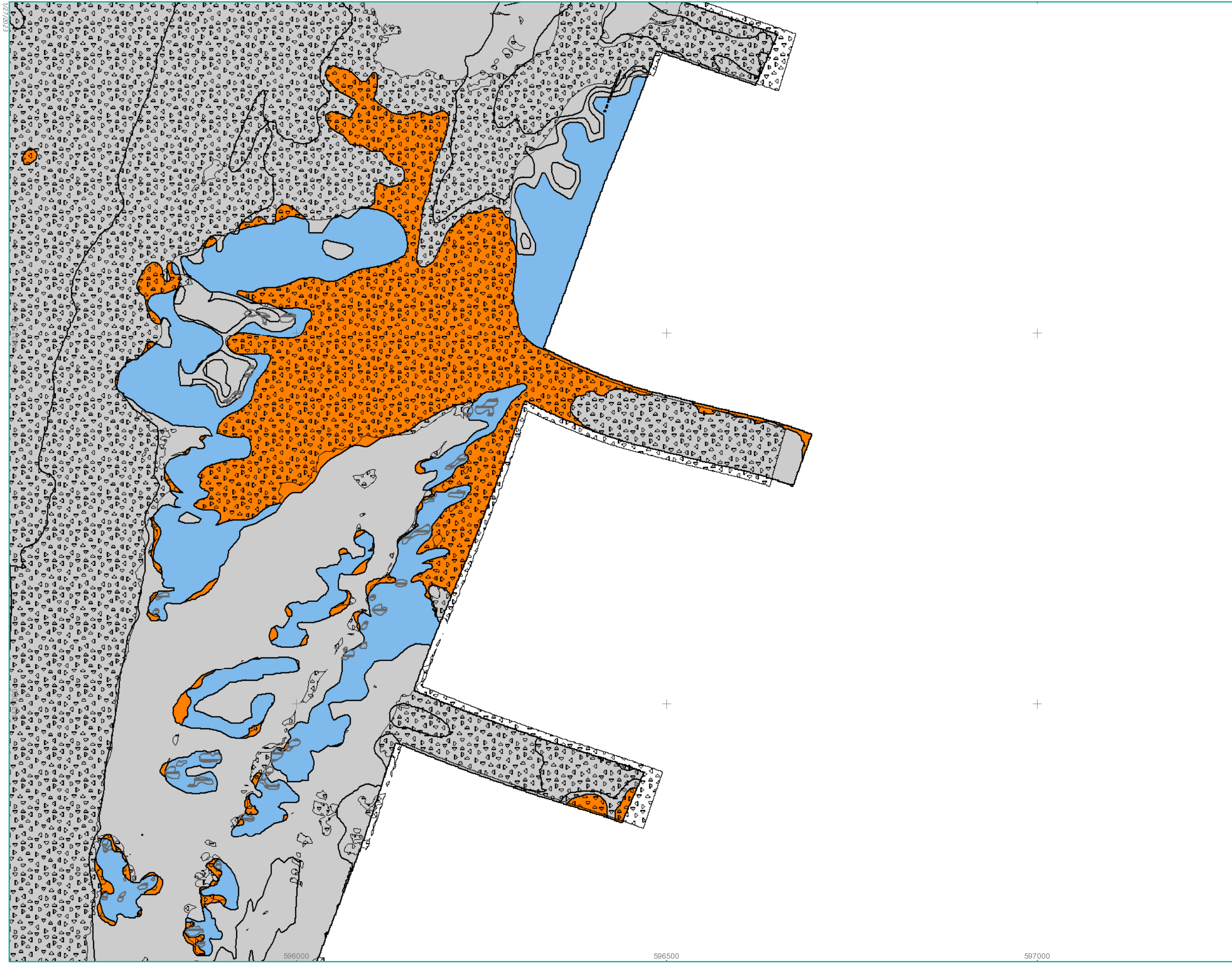
Figure 193

Northern Export Cable Corridor (ECC)
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- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

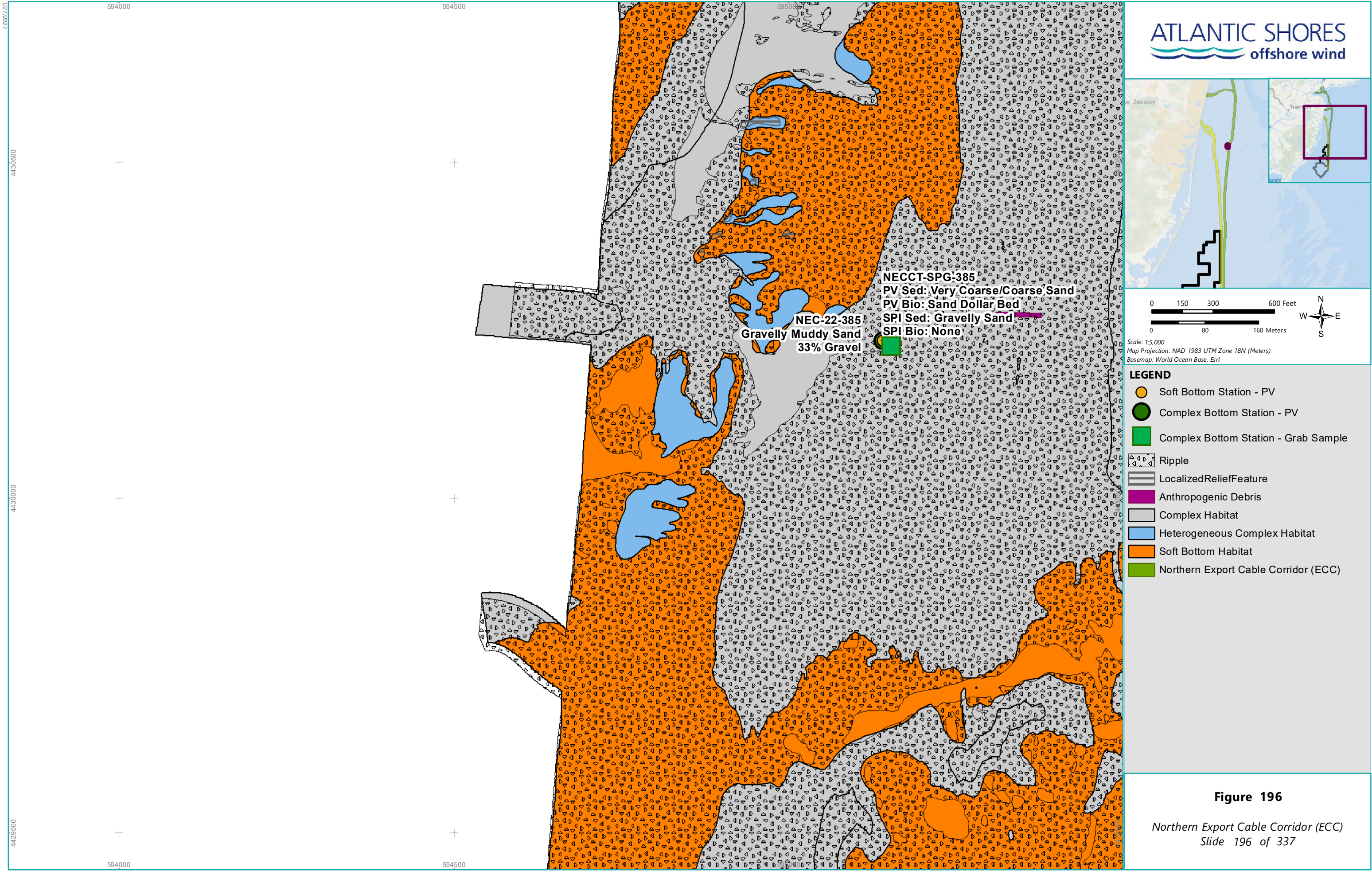
Figure 194

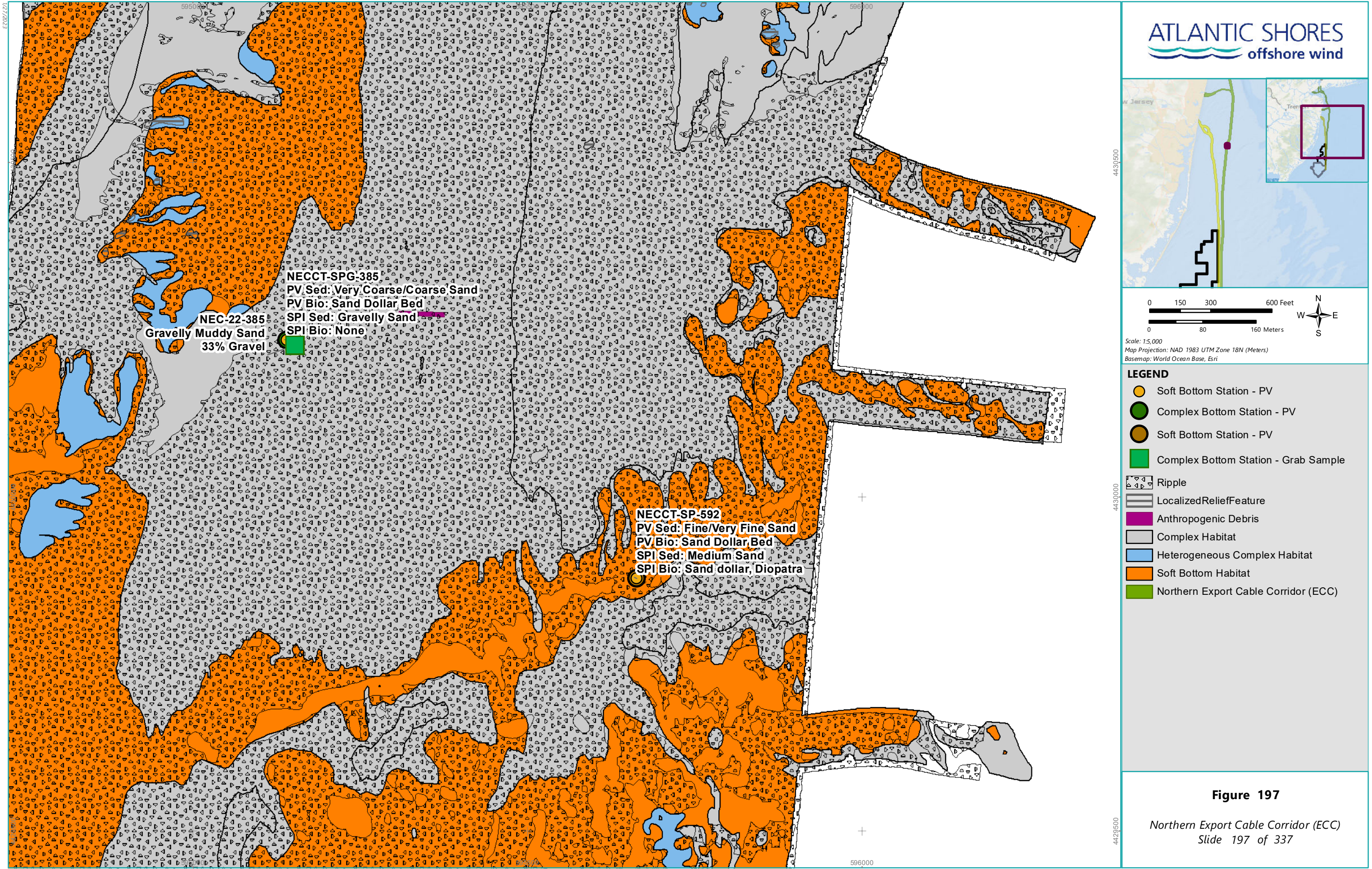


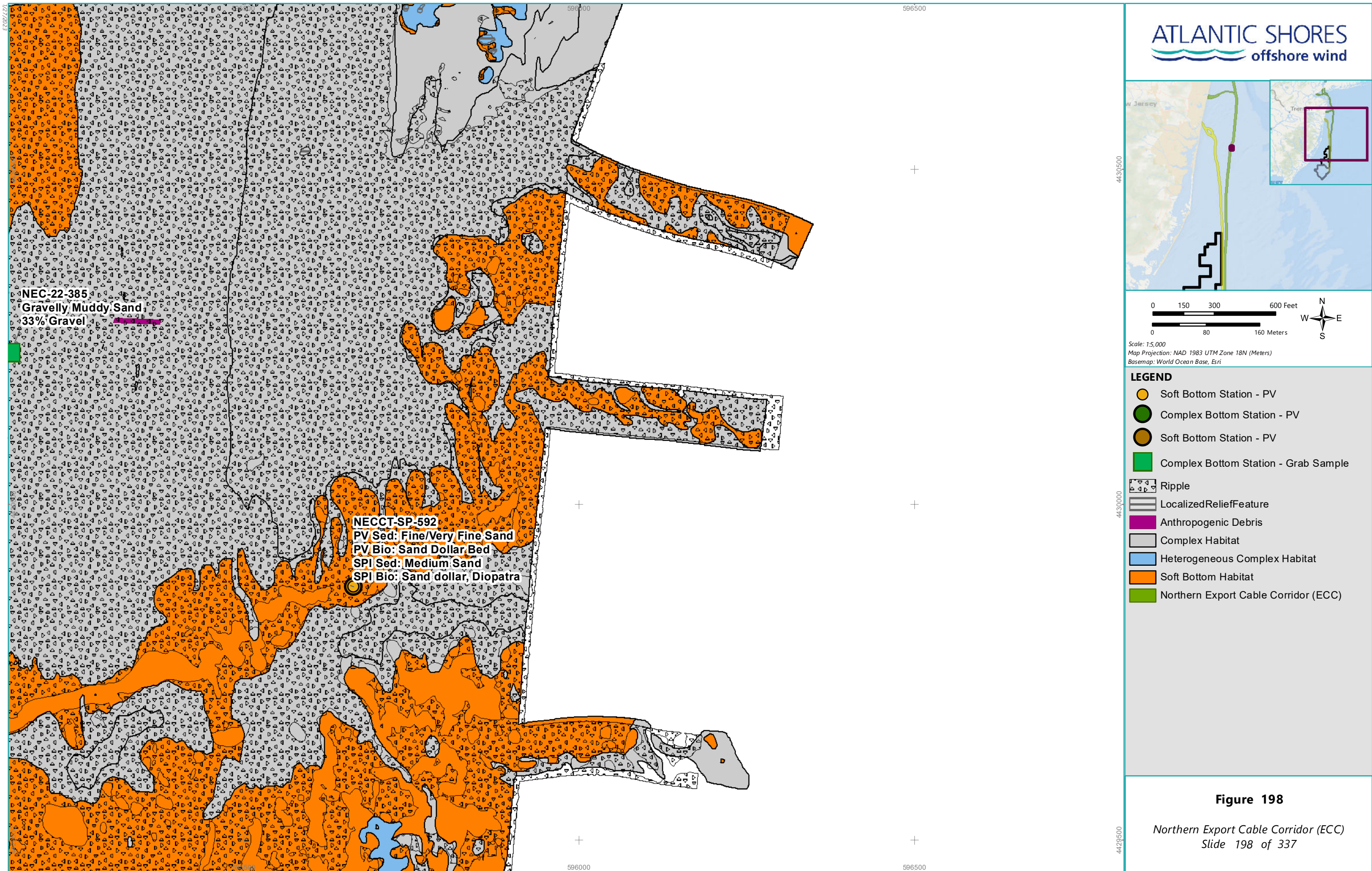
- LEGEND**
- Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

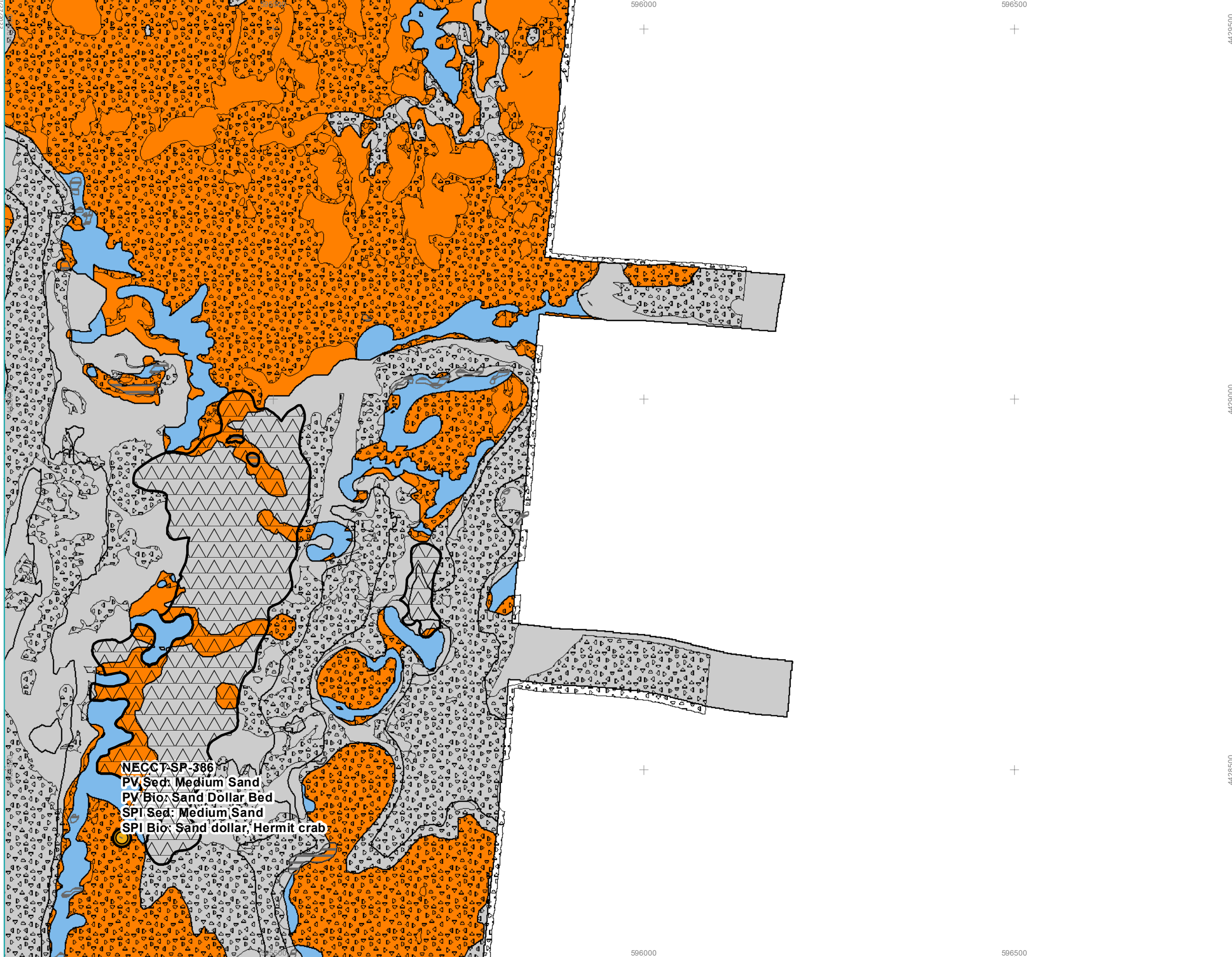
Figure 195

Northern Export Cable Corridor (ECC)
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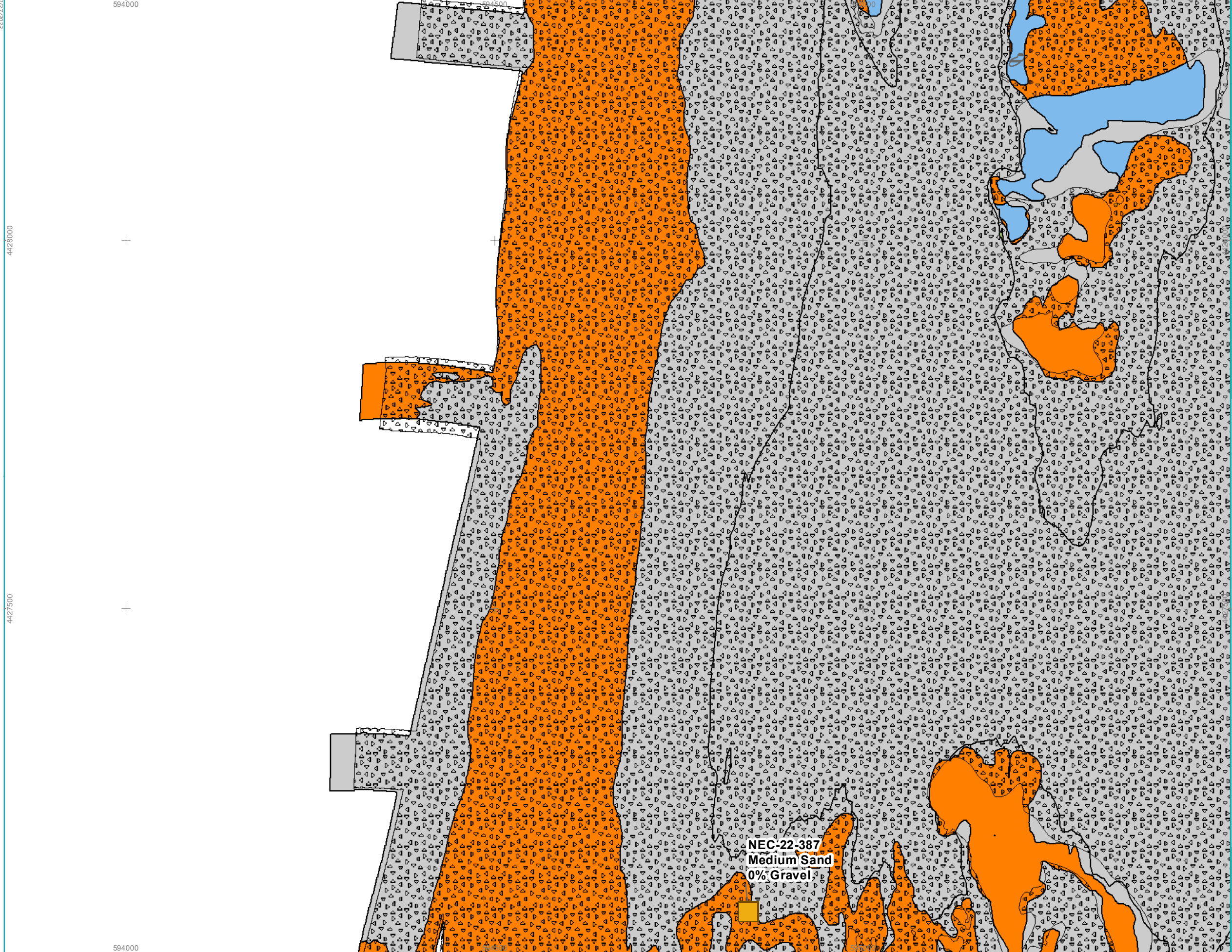


NECC7-SP-386
PV Sed: Medium Sand
PV Bio: Sand Dollar Bed
SPI Sed: Medium Sand
SPI Bio: Sand dollar, Hermit crab

Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 201
Northern Export Cable Corridor (ECC)
Slide 201 of 337



0150300600

Feet

080160

Meters

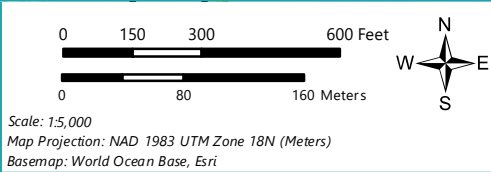
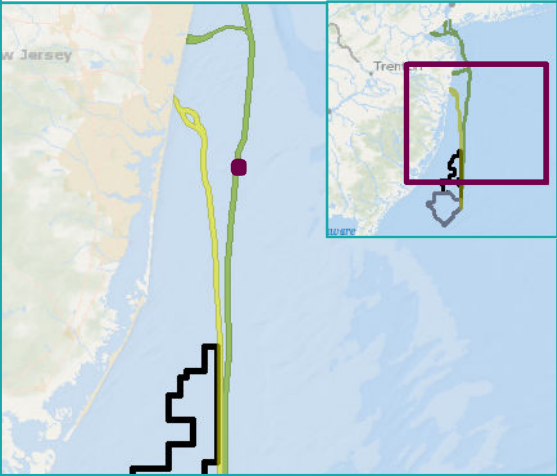
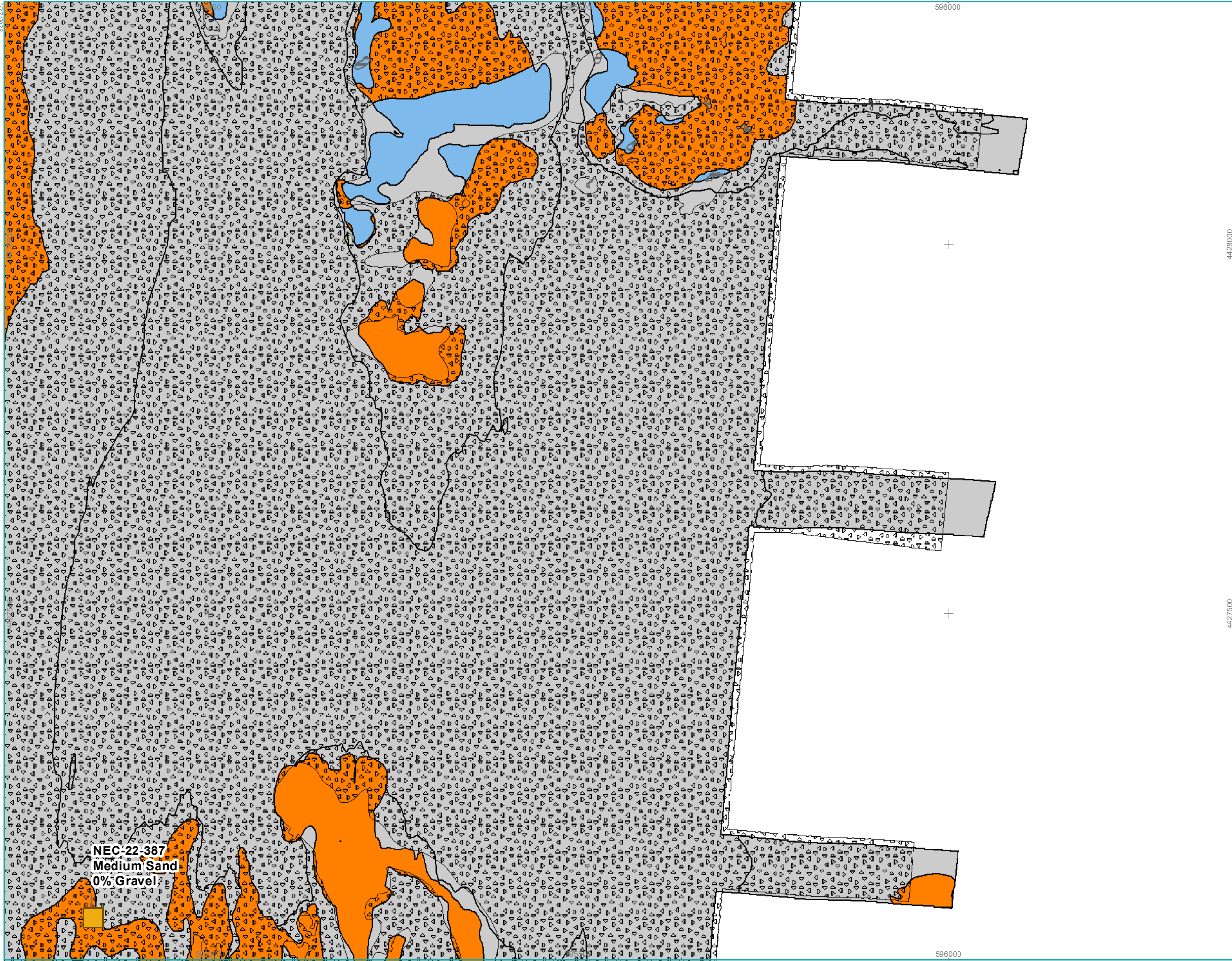
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 202

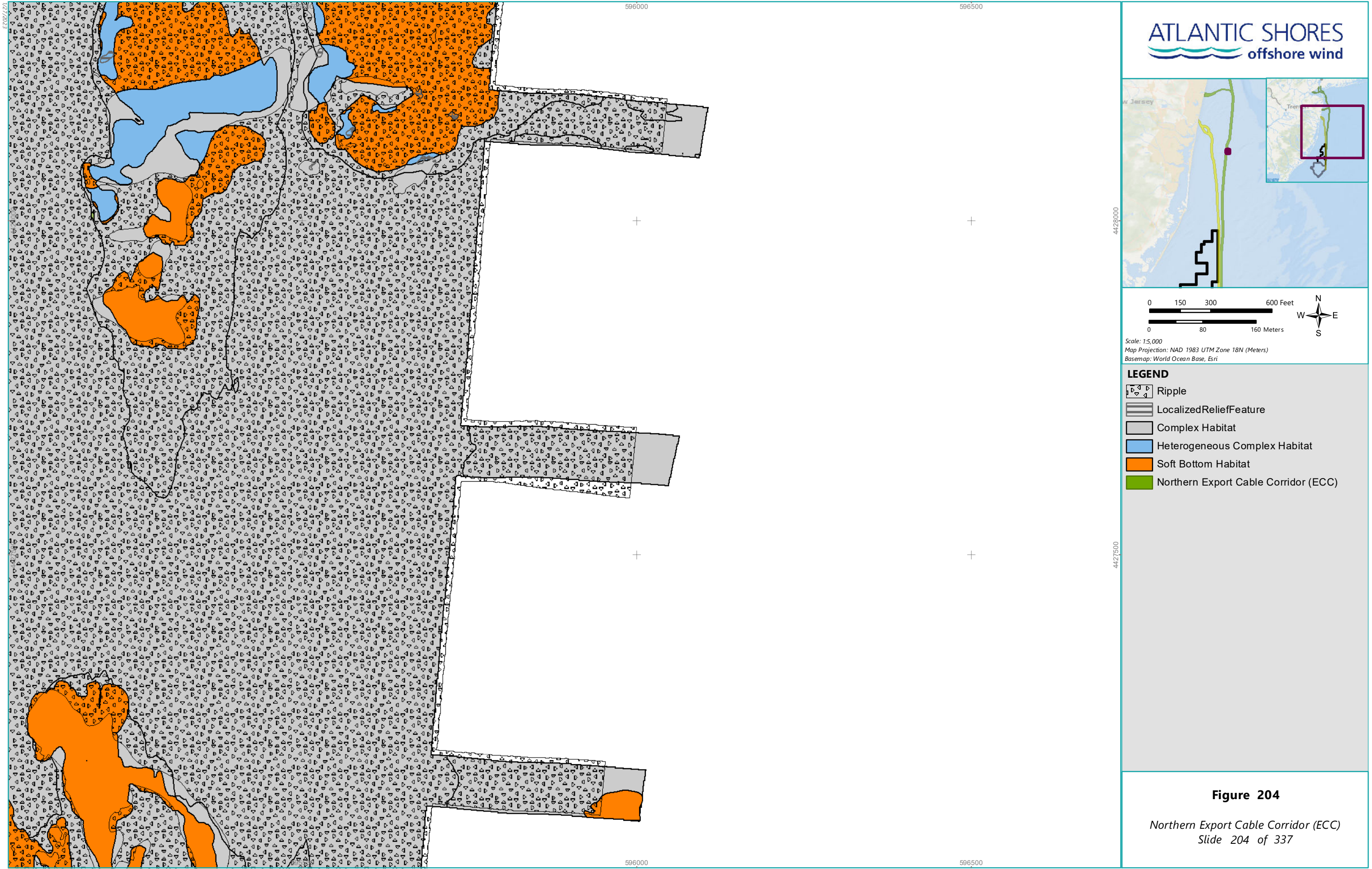
Northern Export Cable Corridor (ECC)

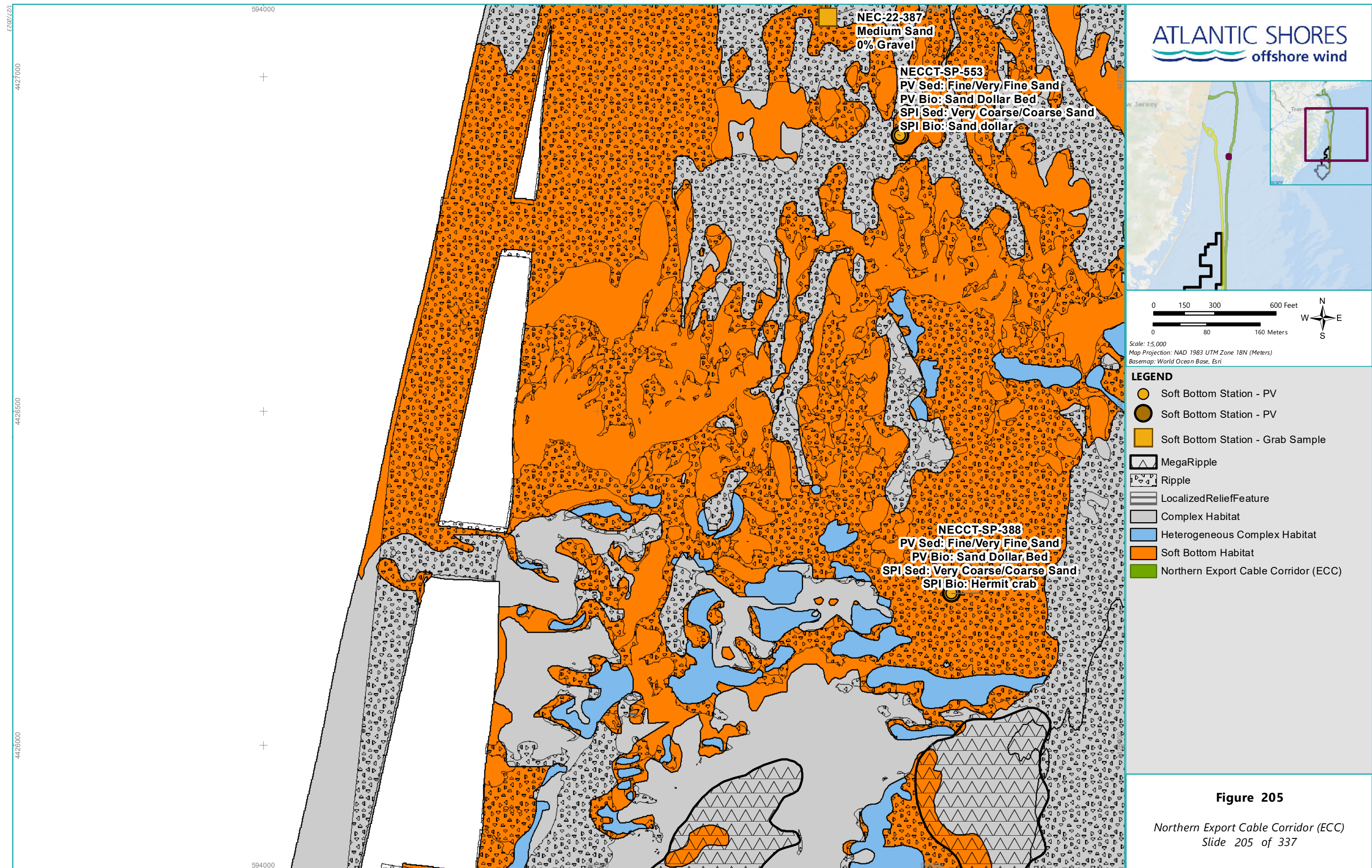
Slide 202 of 337

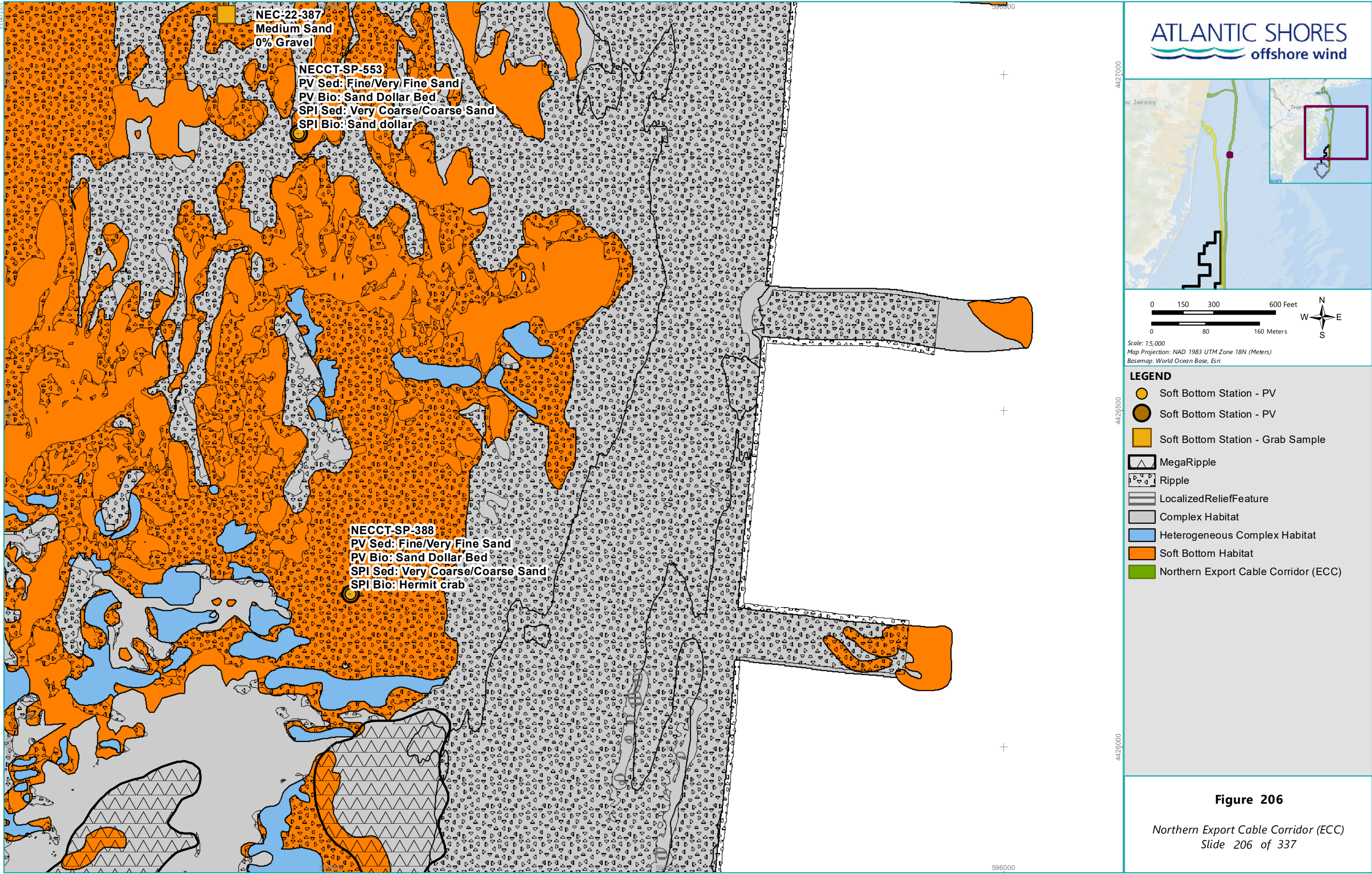


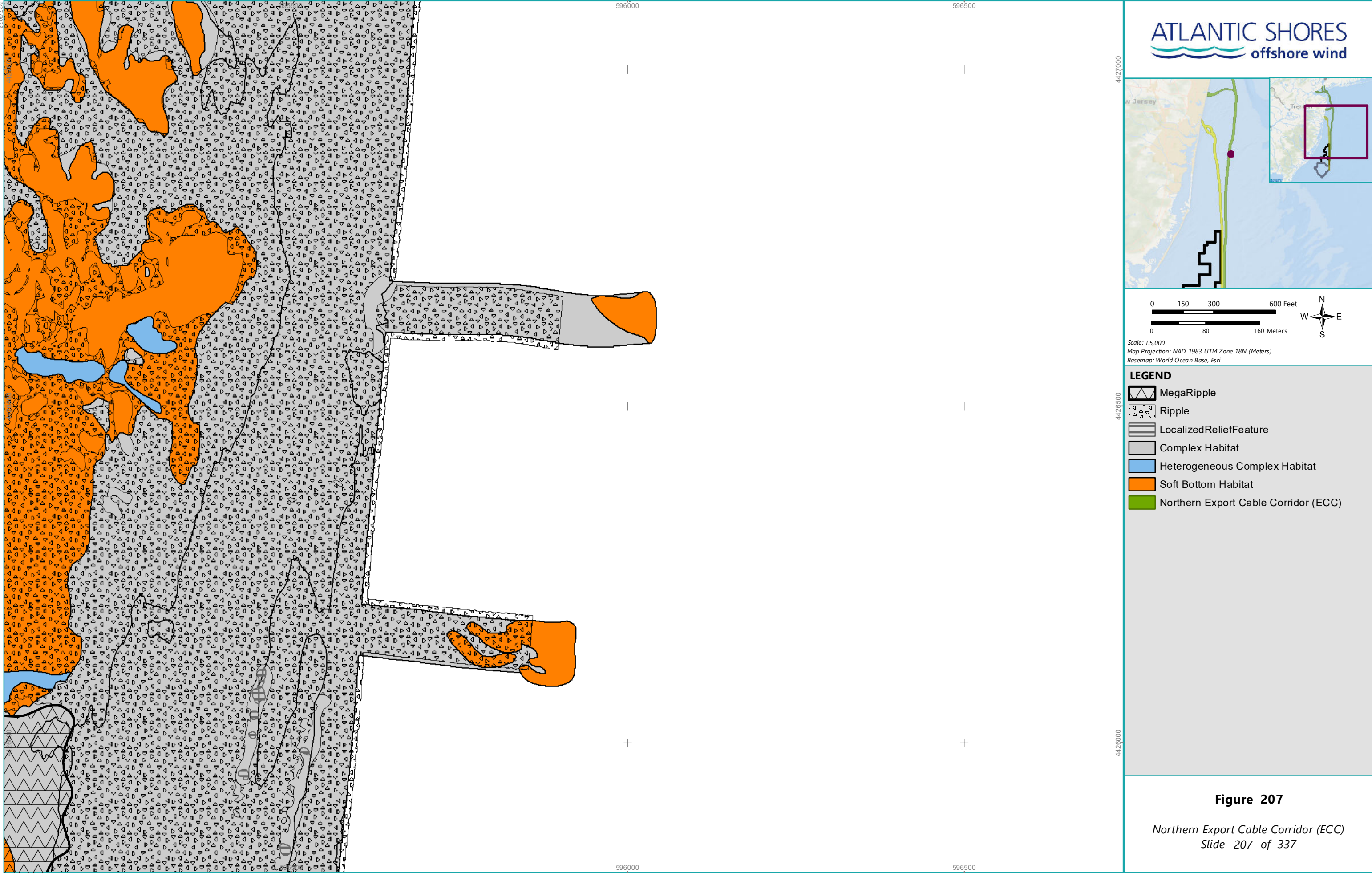
- Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri
- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

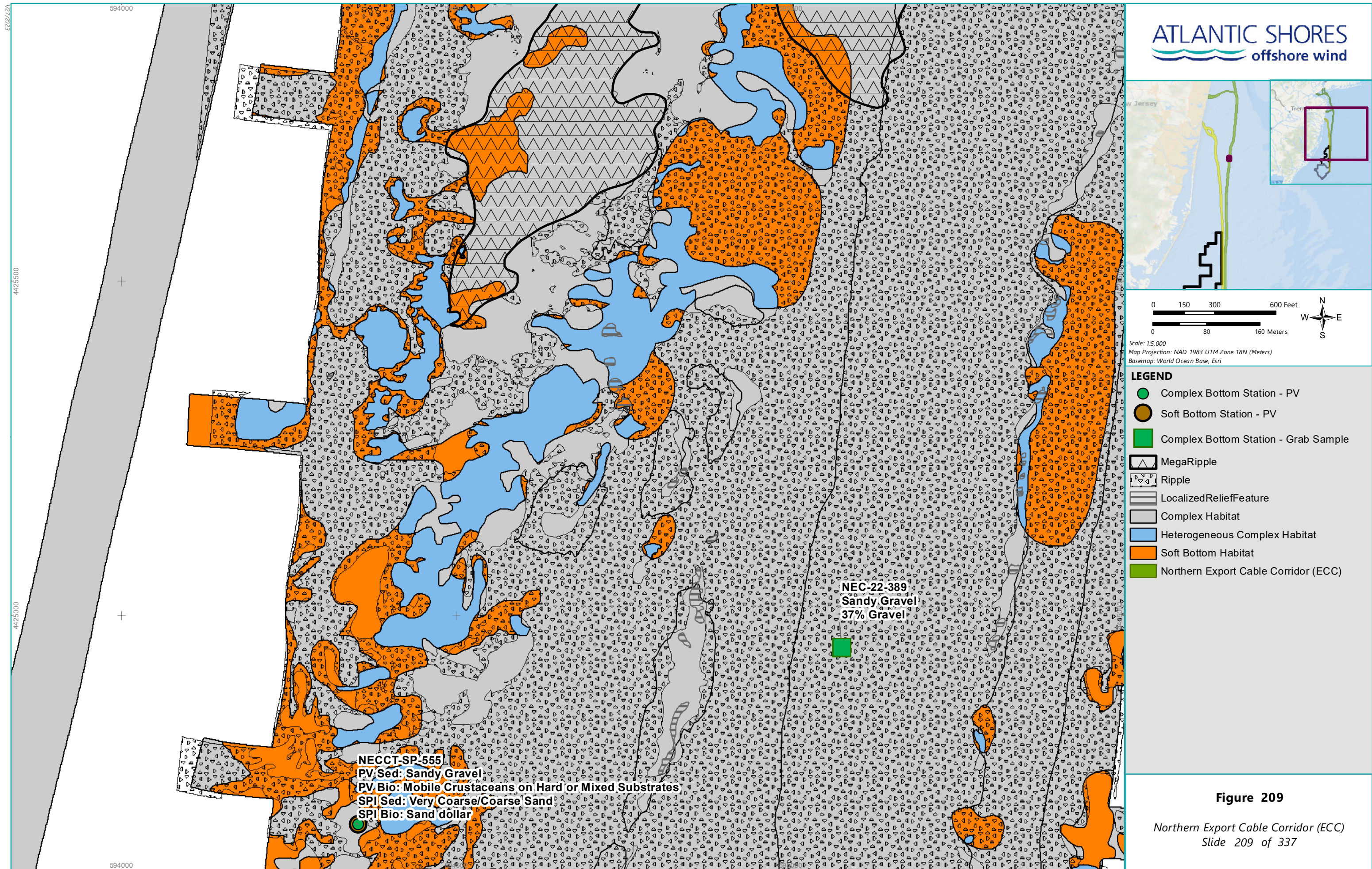
Figure 203

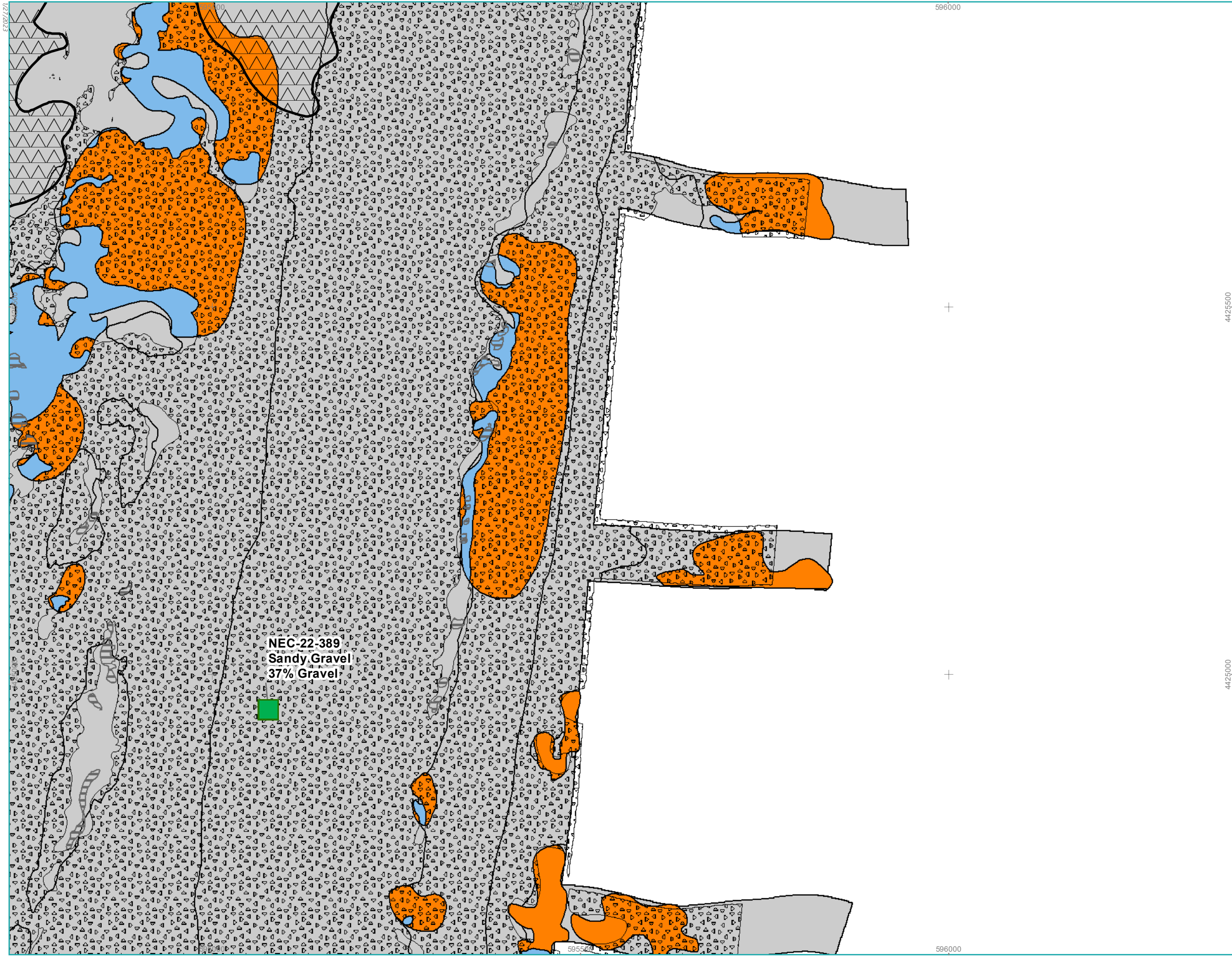












0 150 300 600 Feet

0 80 160 Meters

N
S
E
W

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

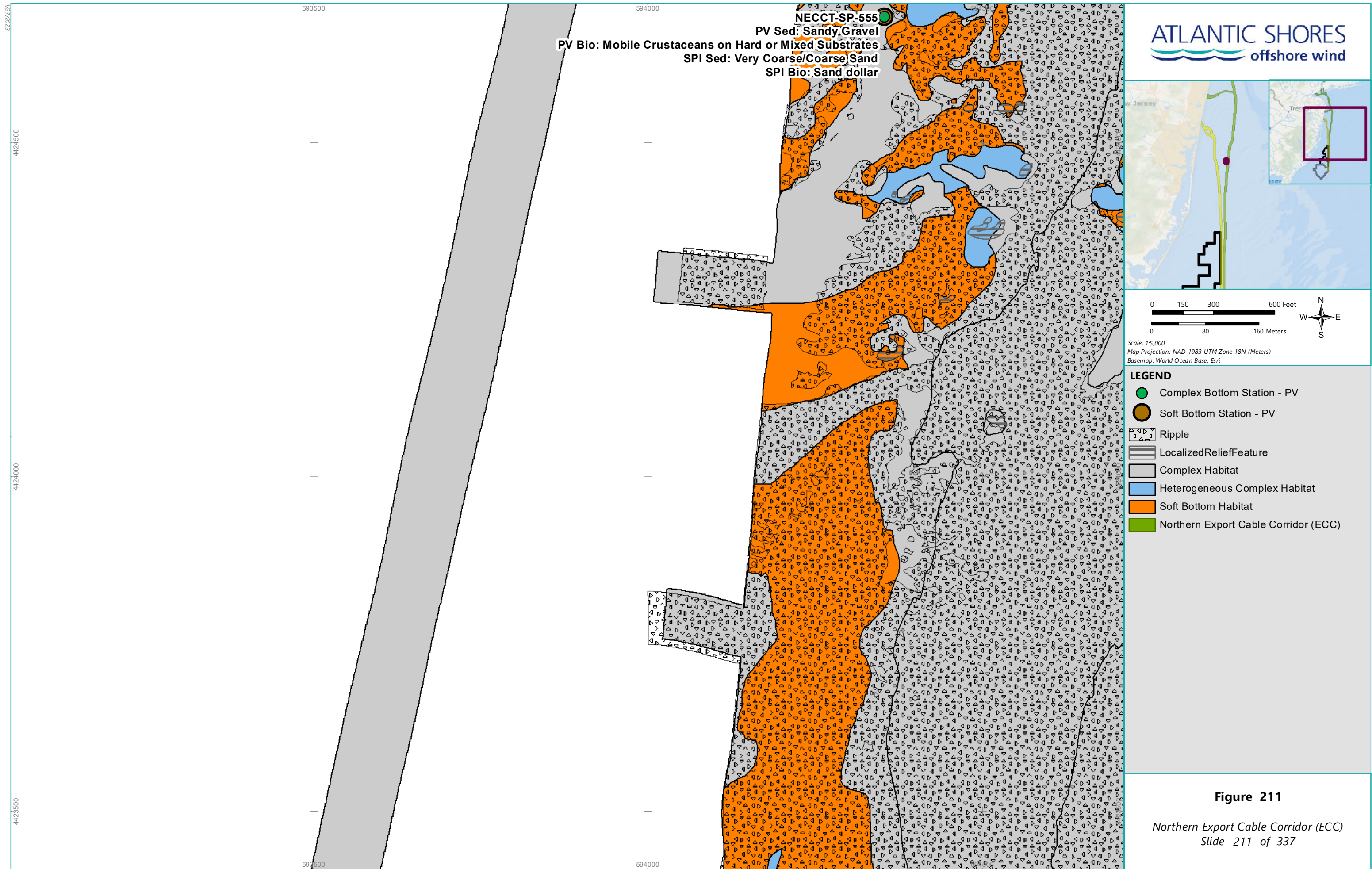
LEGEND

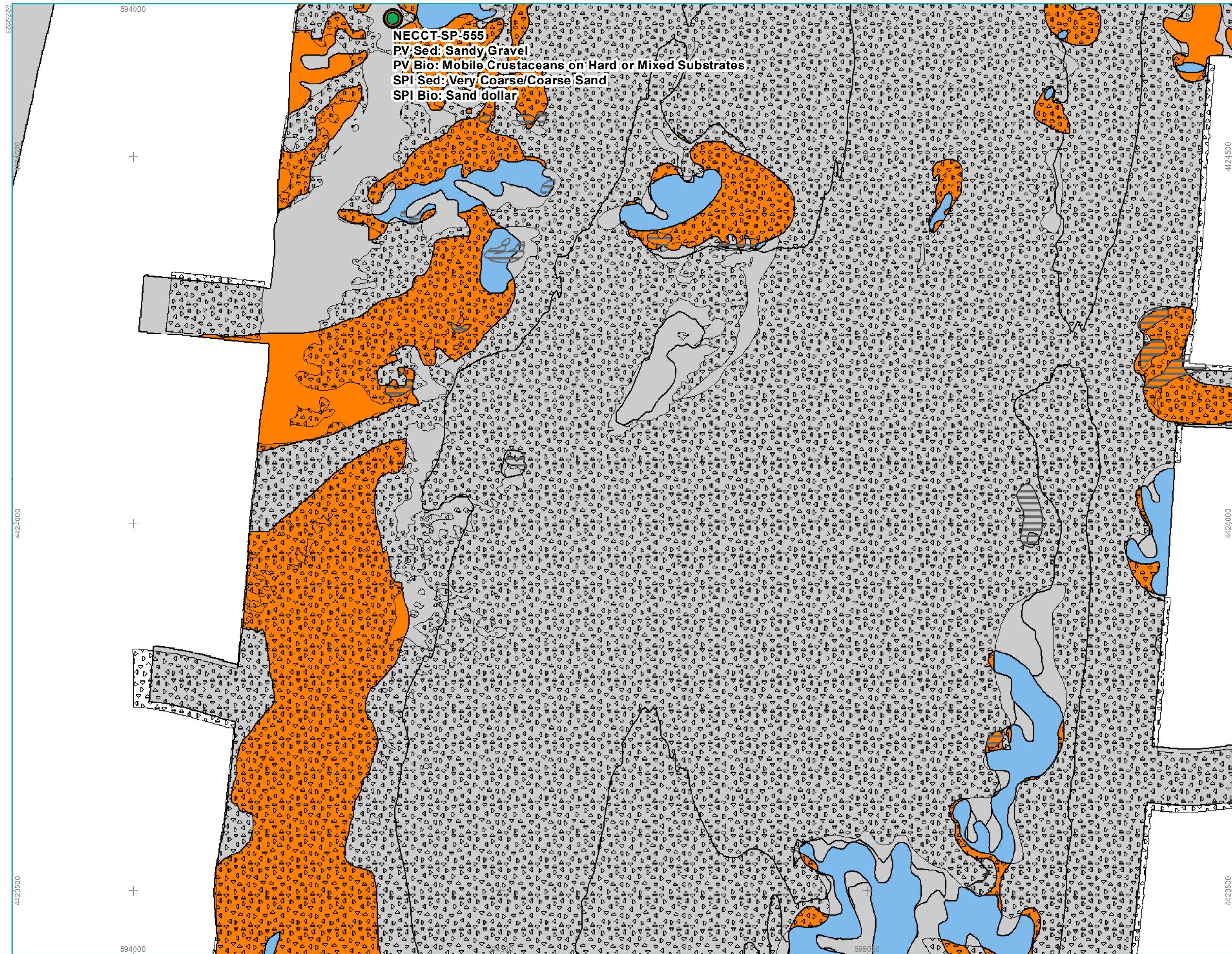
- Complex Bottom Station - Grab Sample
- MegaRipple
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

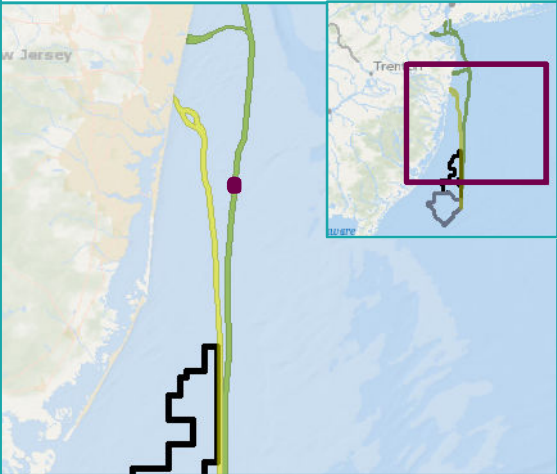
Figure 210

Northern Export Cable Corridor (ECC)

Slide 210 of 337







0150300600

080160

FeetMeters

N

W

E

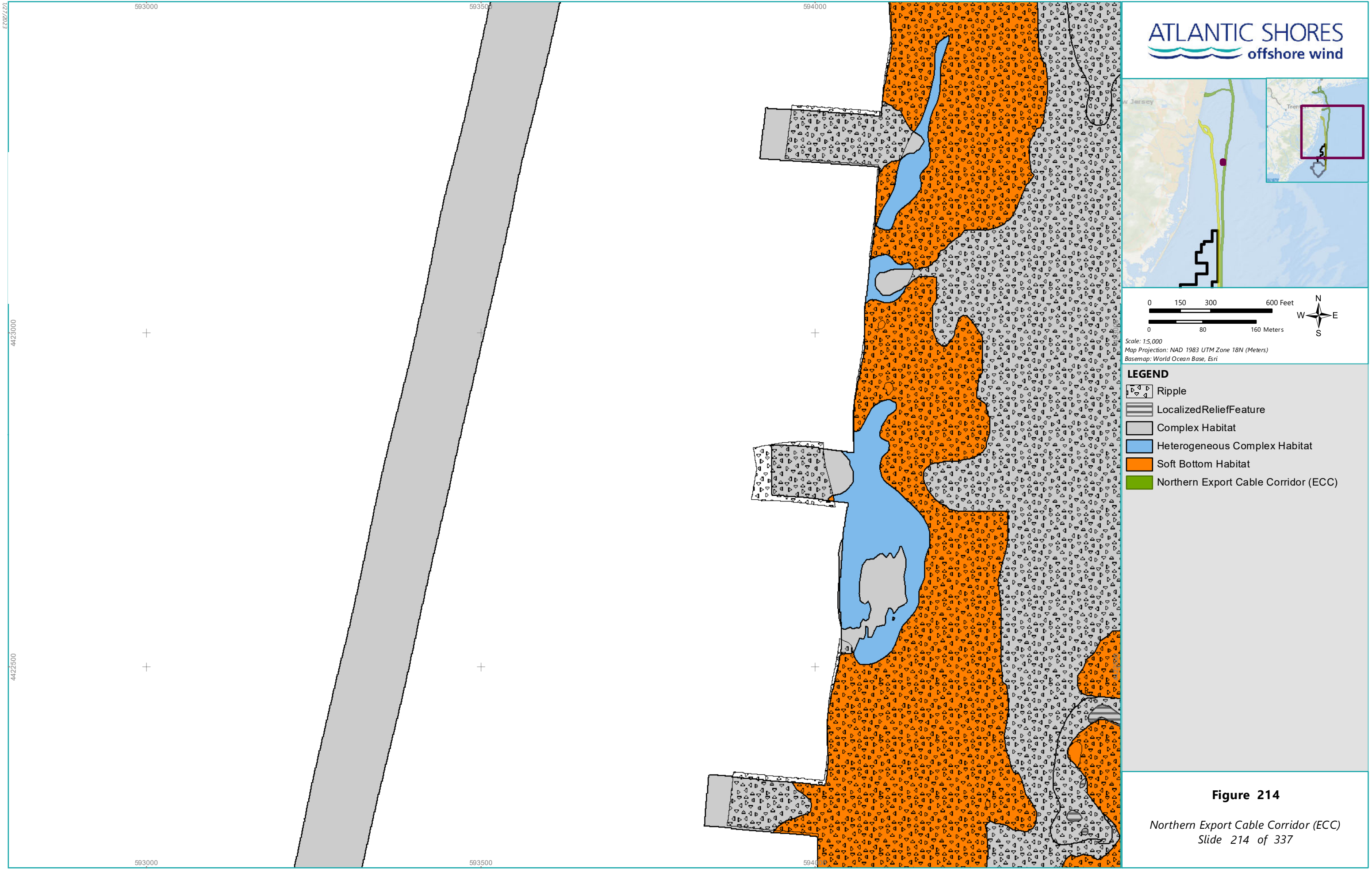
S

Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

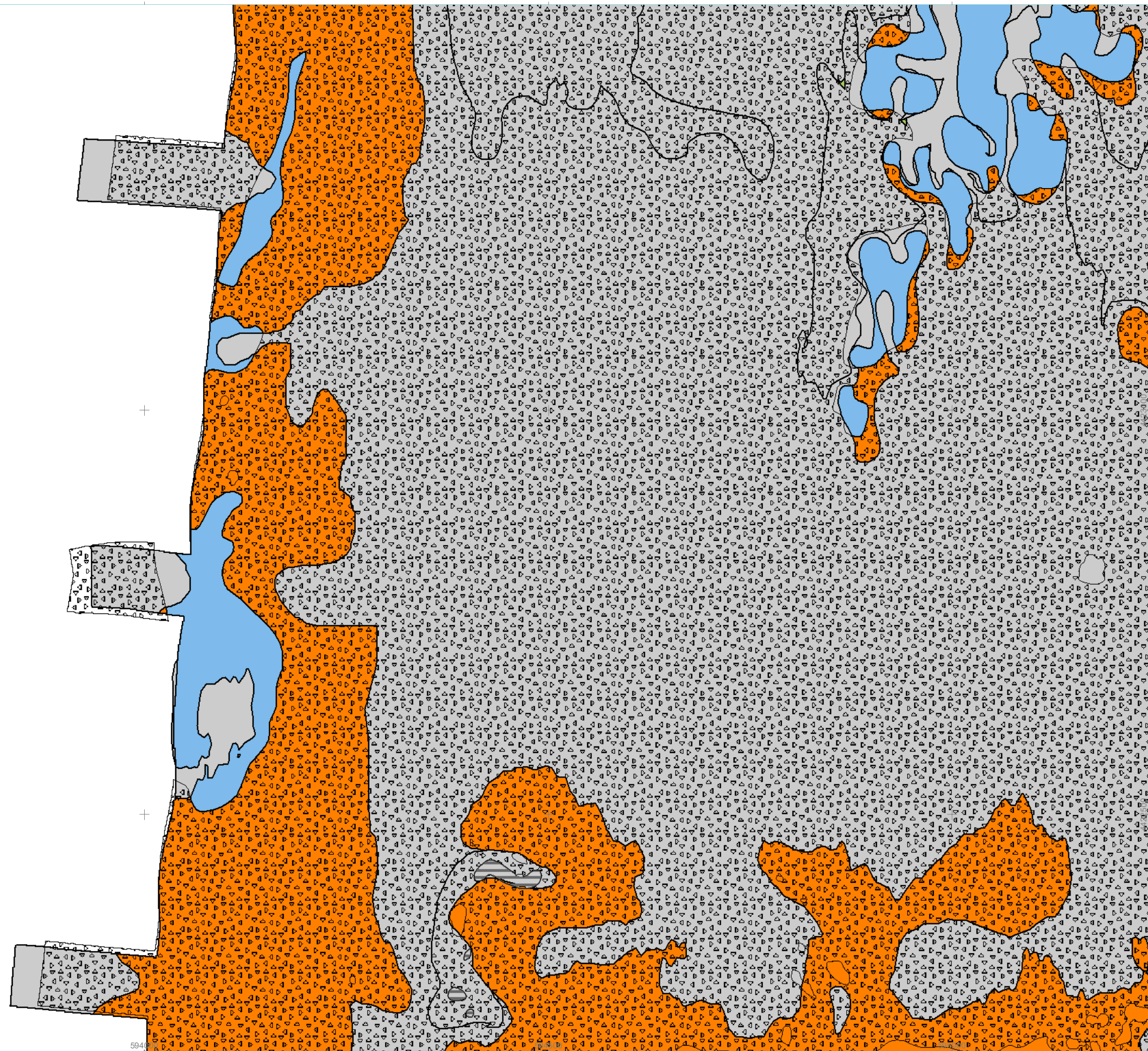
Figure 212
Northern Export Cable Corridor (ECC)
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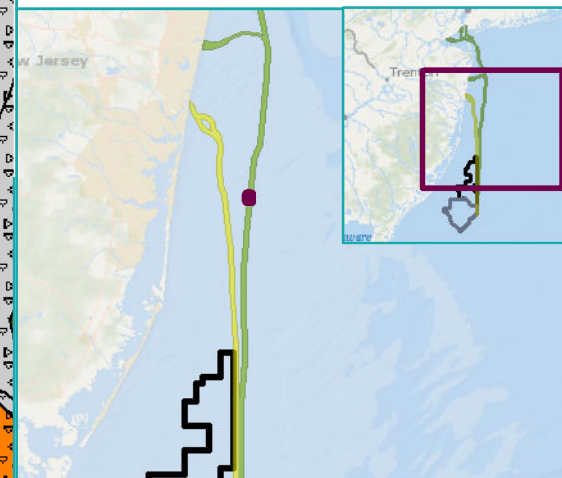
1/27/2023

4423000

4422500



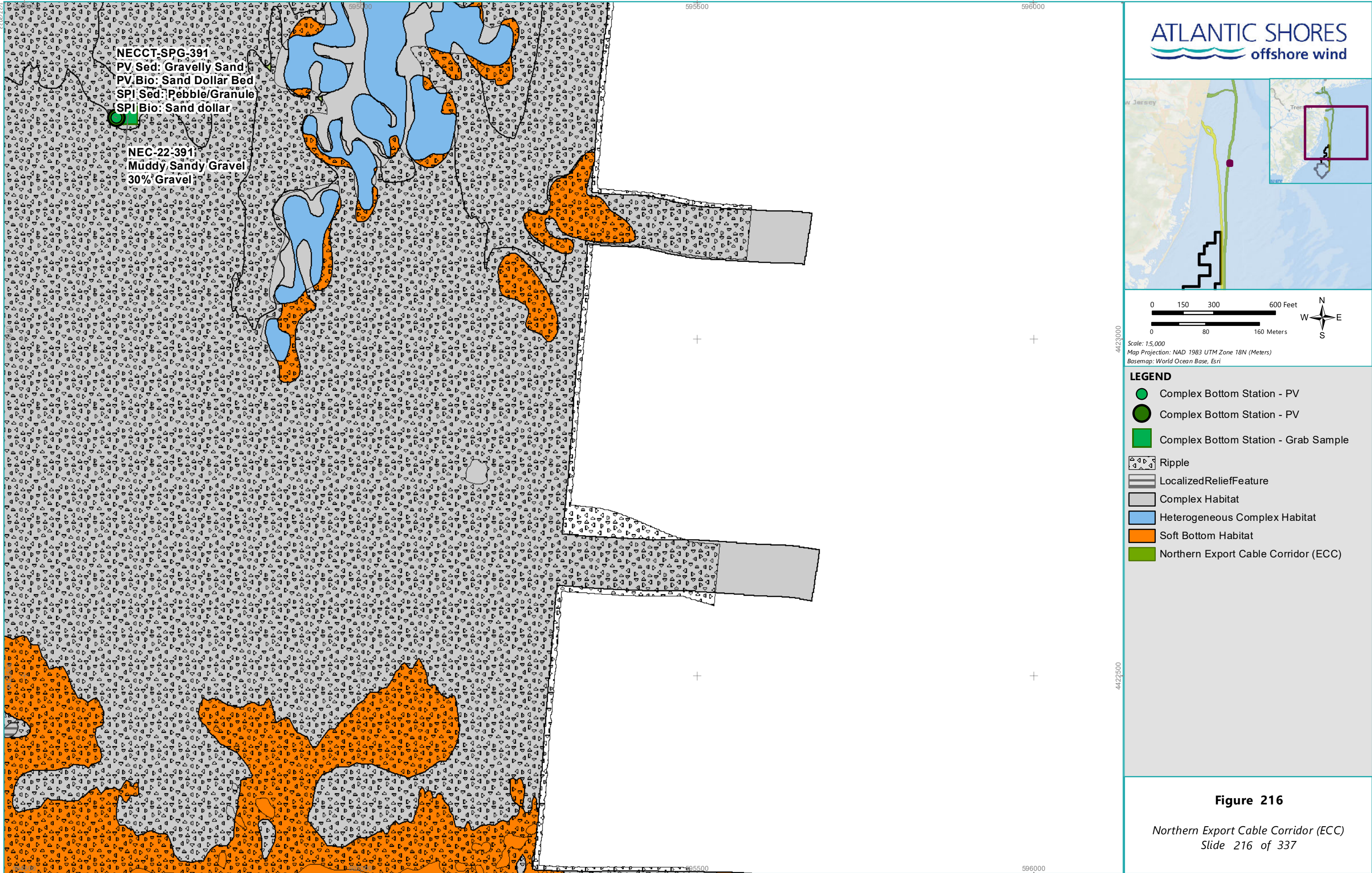
ATLANTIC SHORES
offshore wind

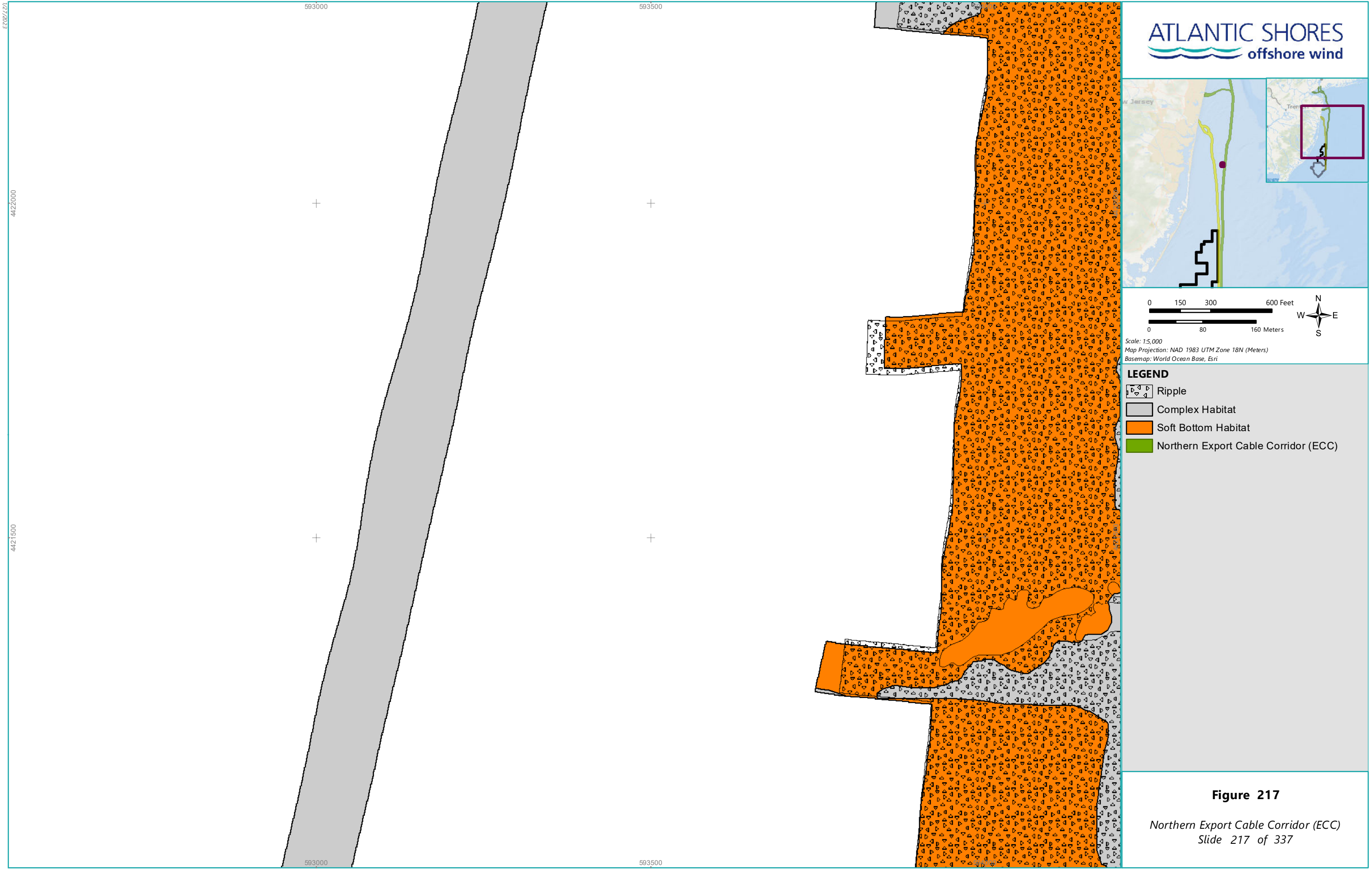


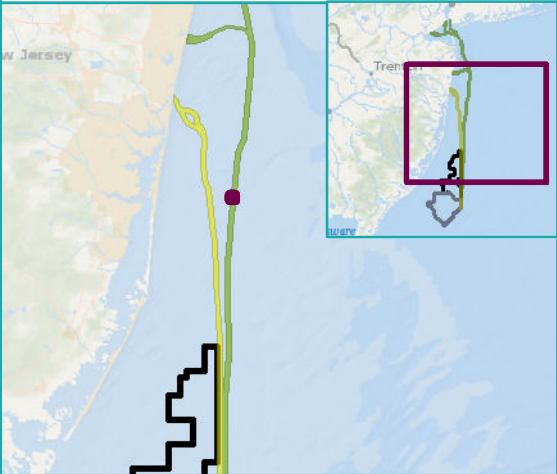
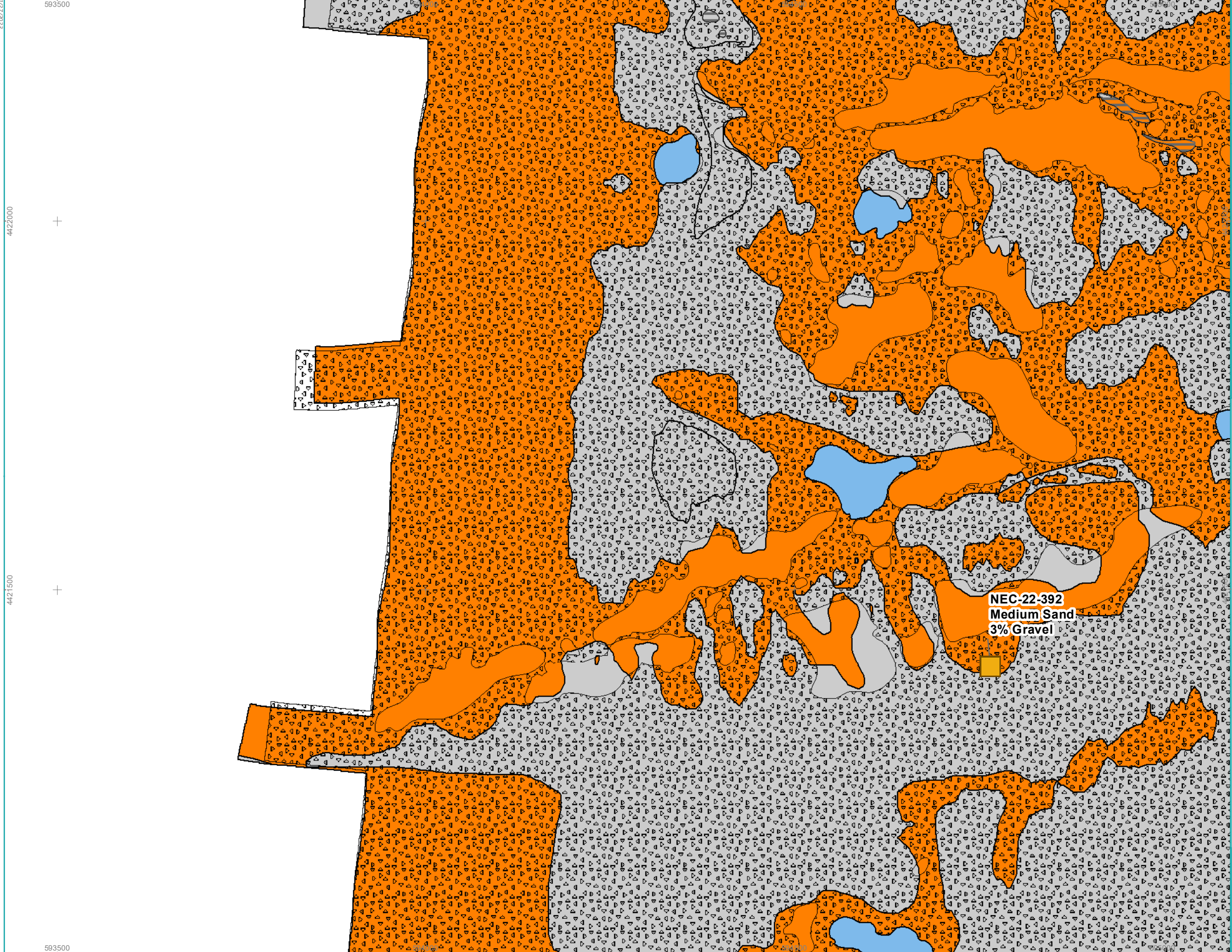
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

Figure 215

Northern Export Cable Corridor (ECC)
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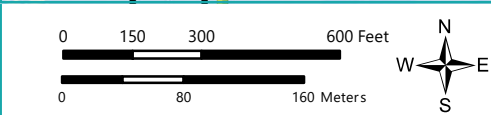
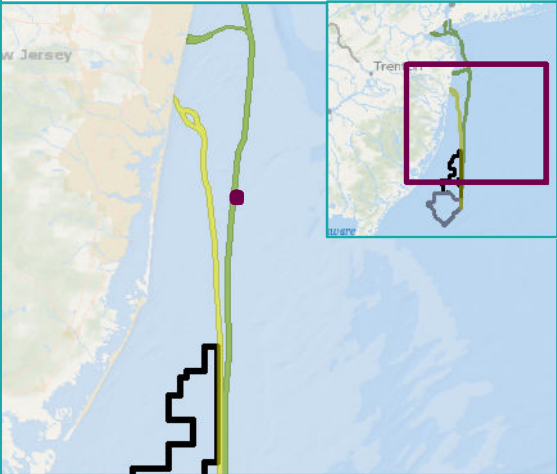
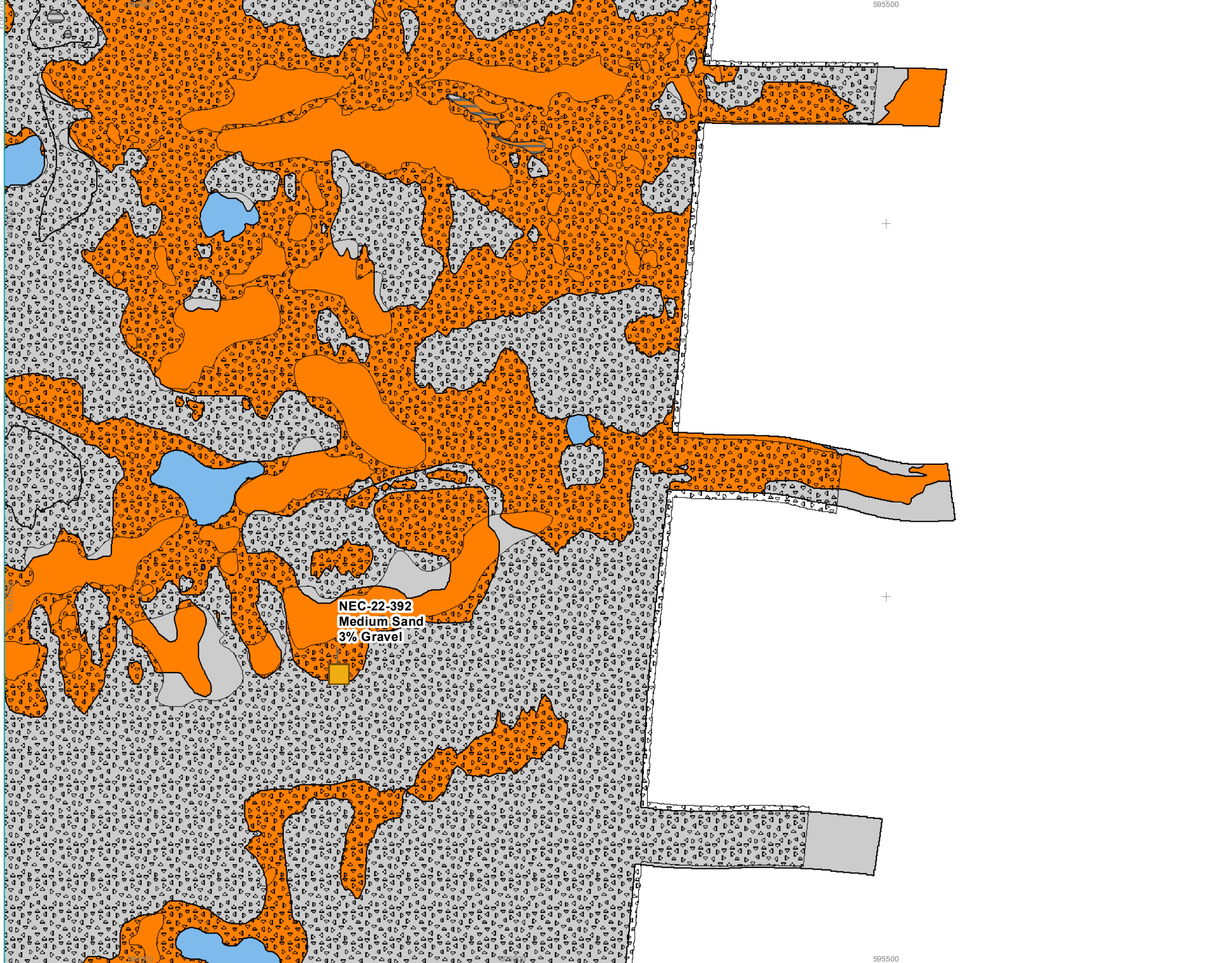




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

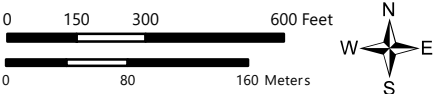
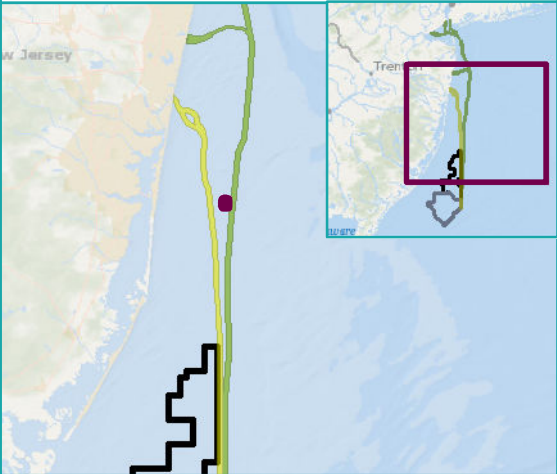
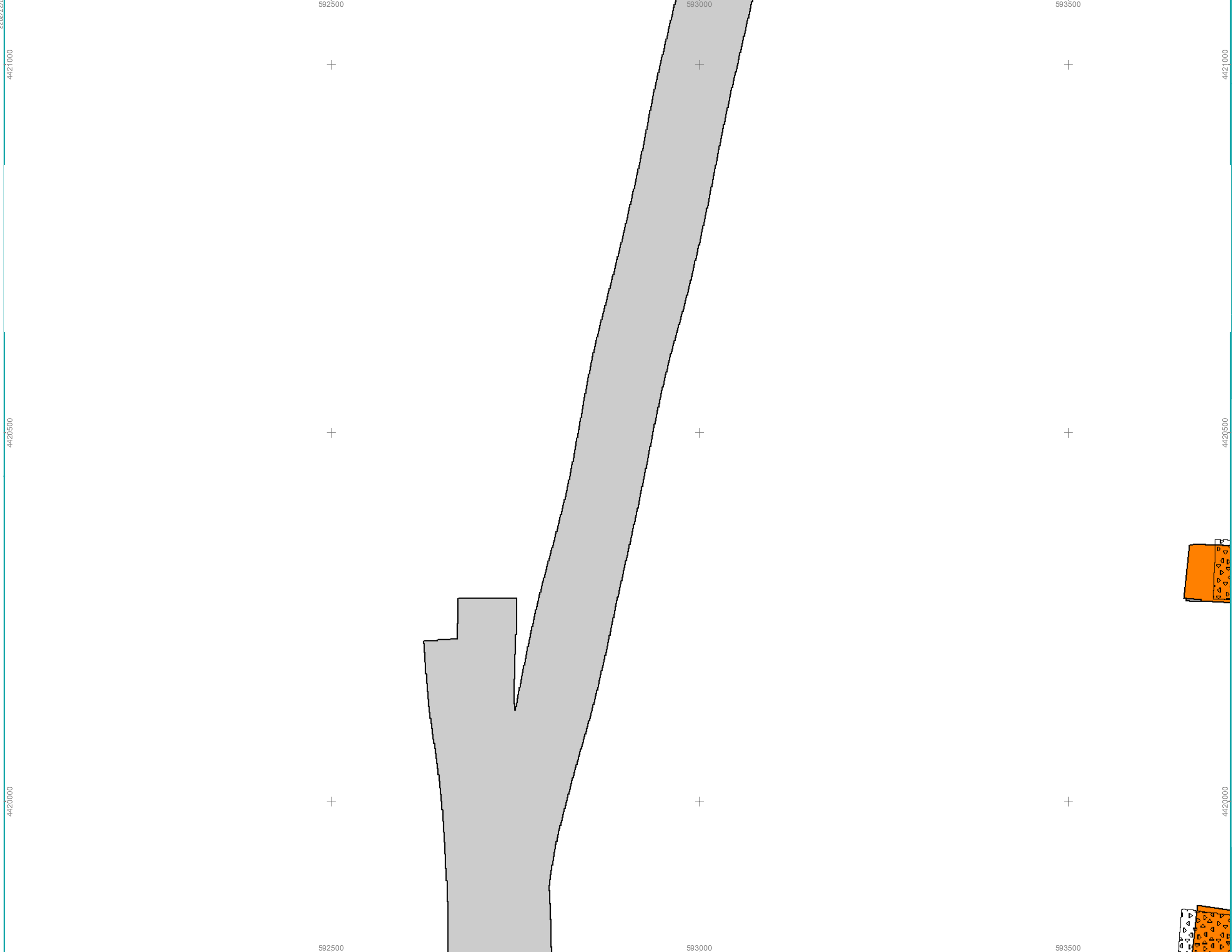
Figure 218



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 219



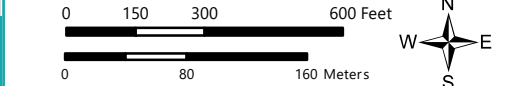
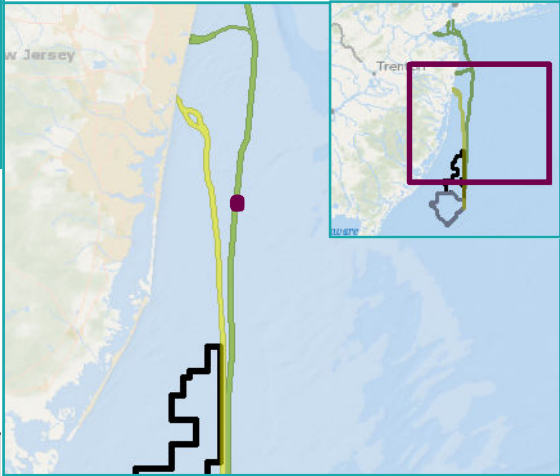
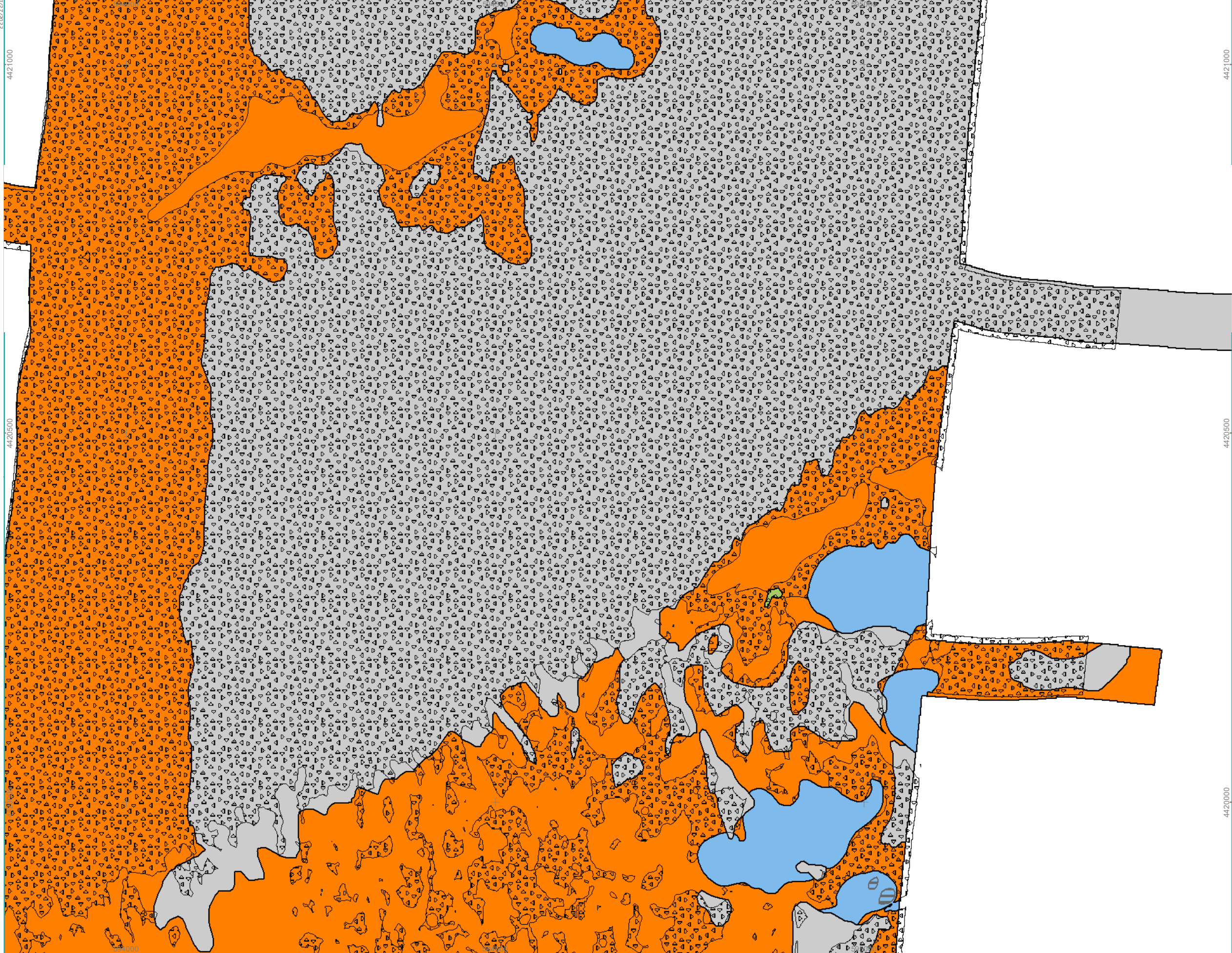
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Ripple
-  Complex Habitat
-  Soft Bottom Habitat

Figure 220

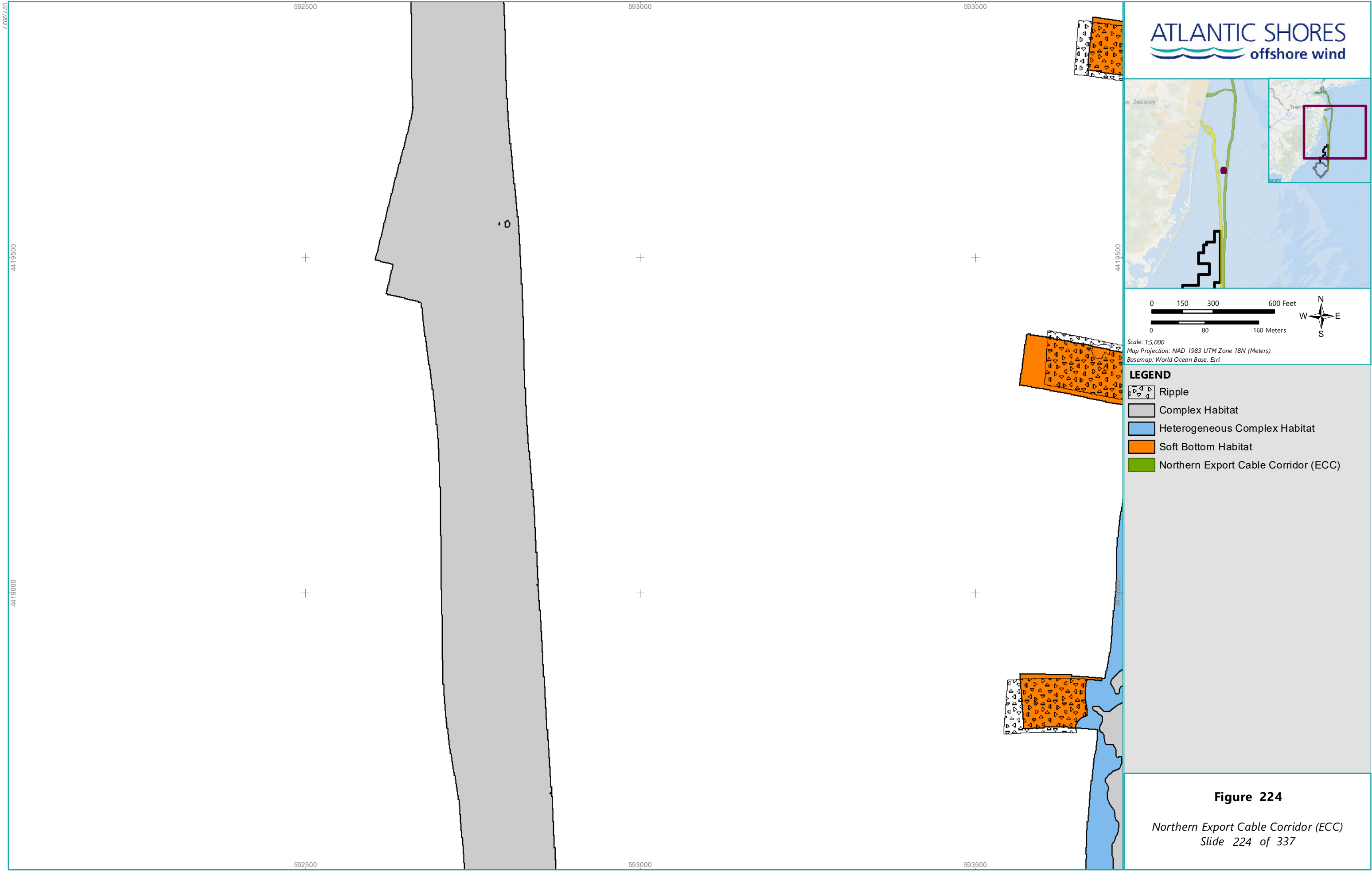
Northern Export Cable Corridor (ECC)
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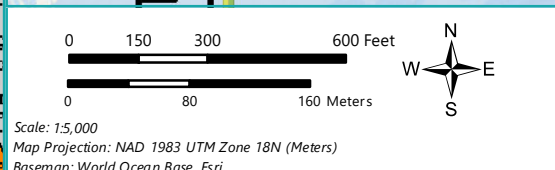
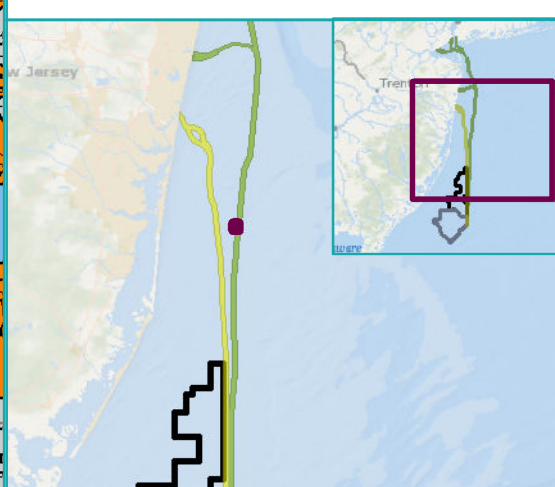
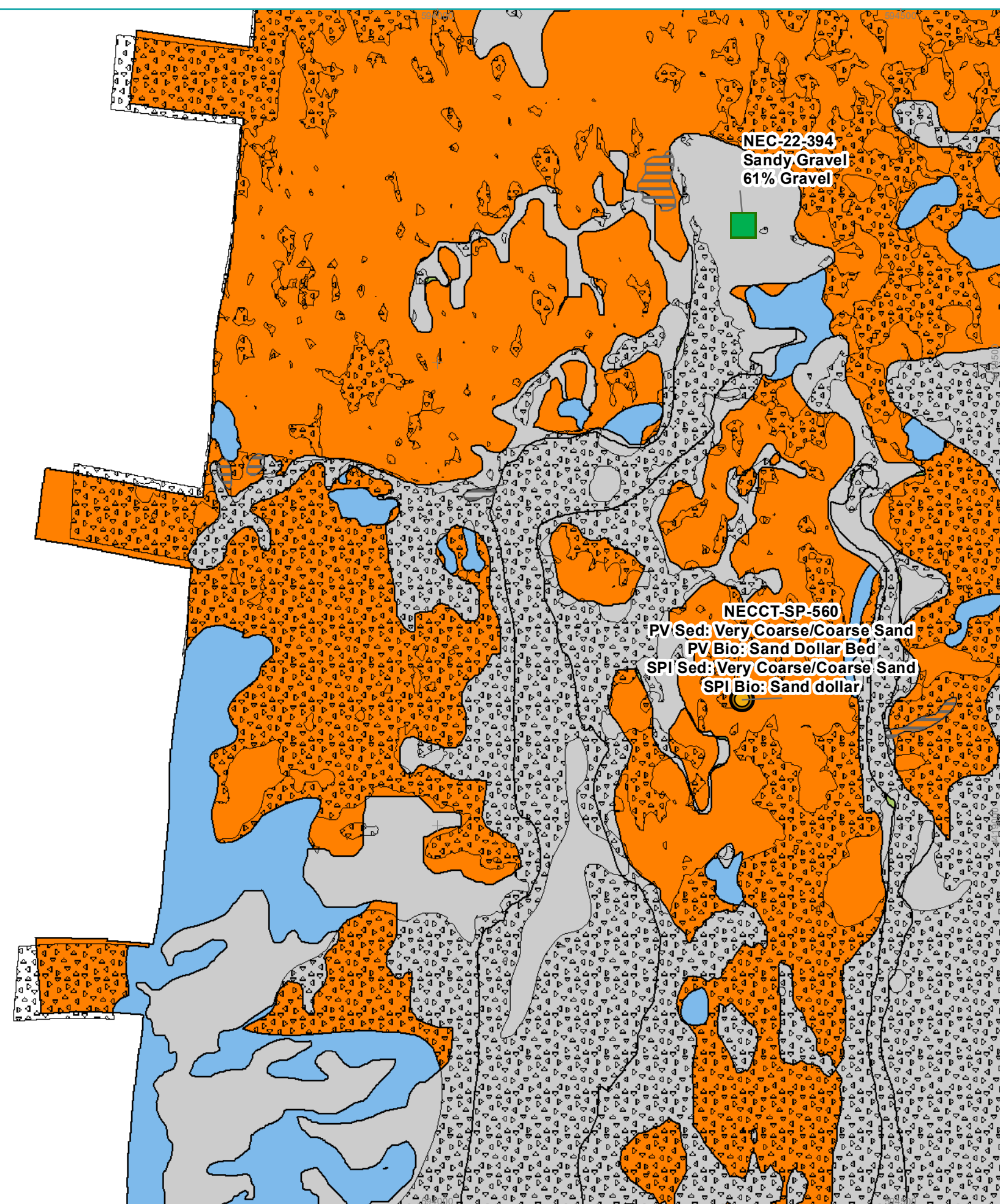


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 222





- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Complex Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 225

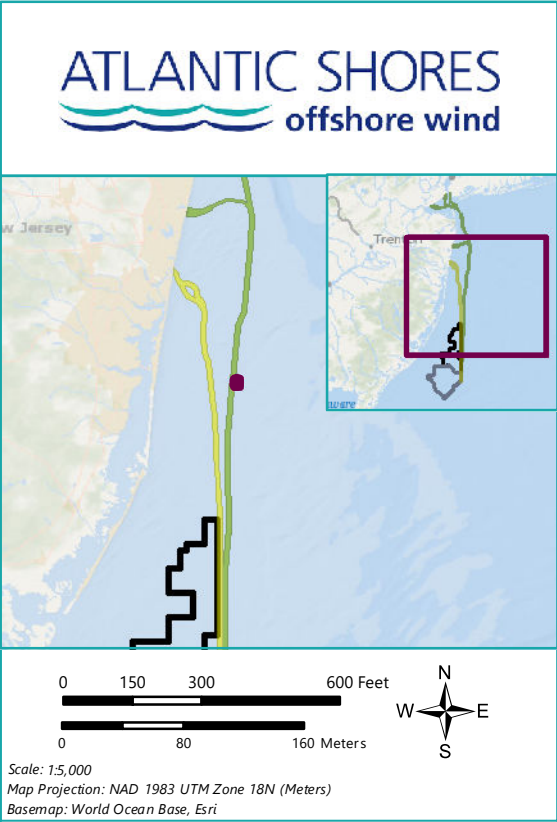
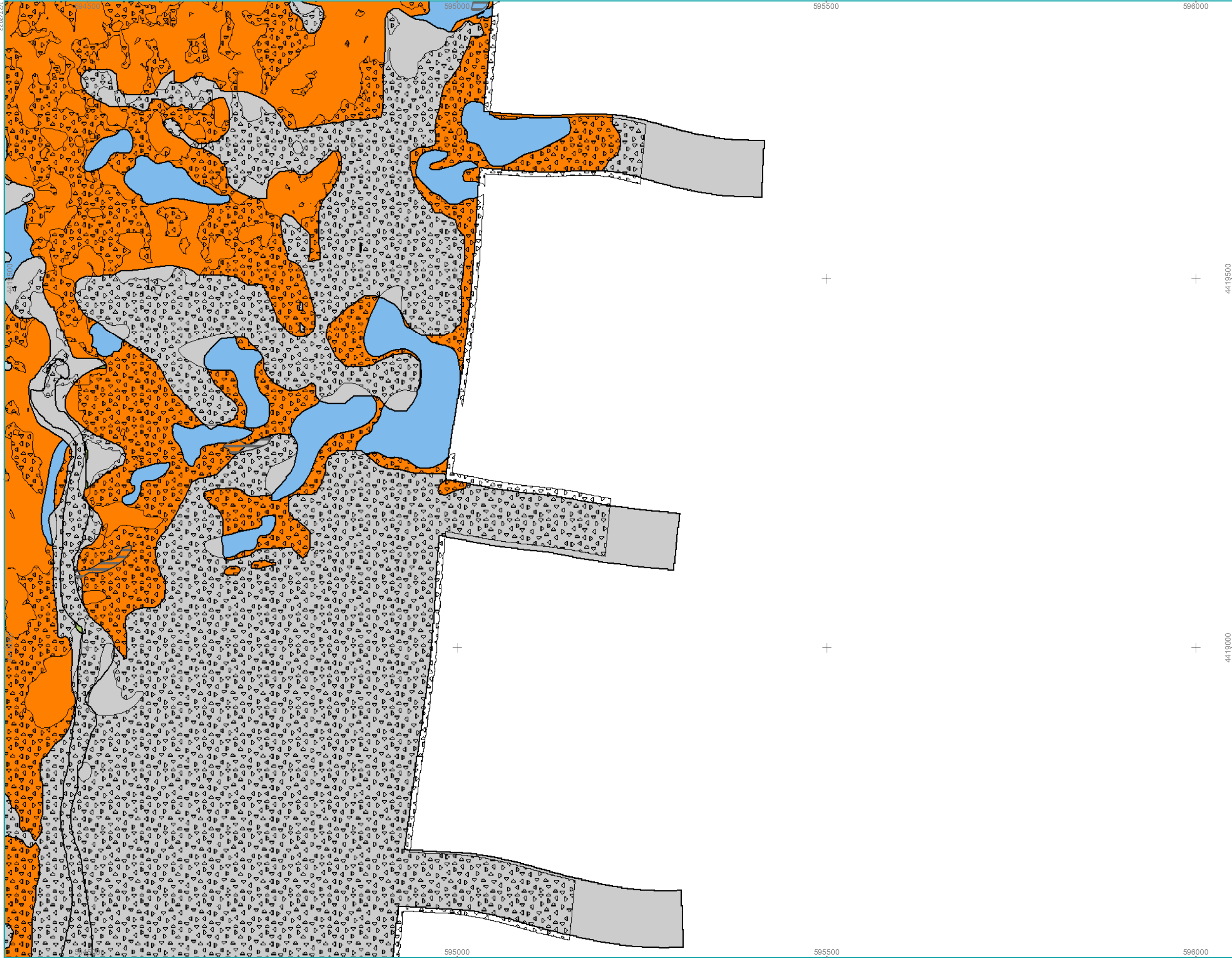


Figure 227

Northern Export Cable Corridor (ECC)
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7/27/2023

4418000

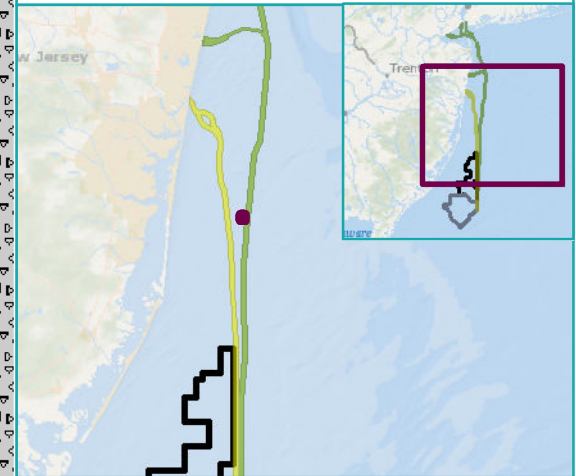
4417500

592500

593000

593500

ATLANTIC SHORES
offshore wind



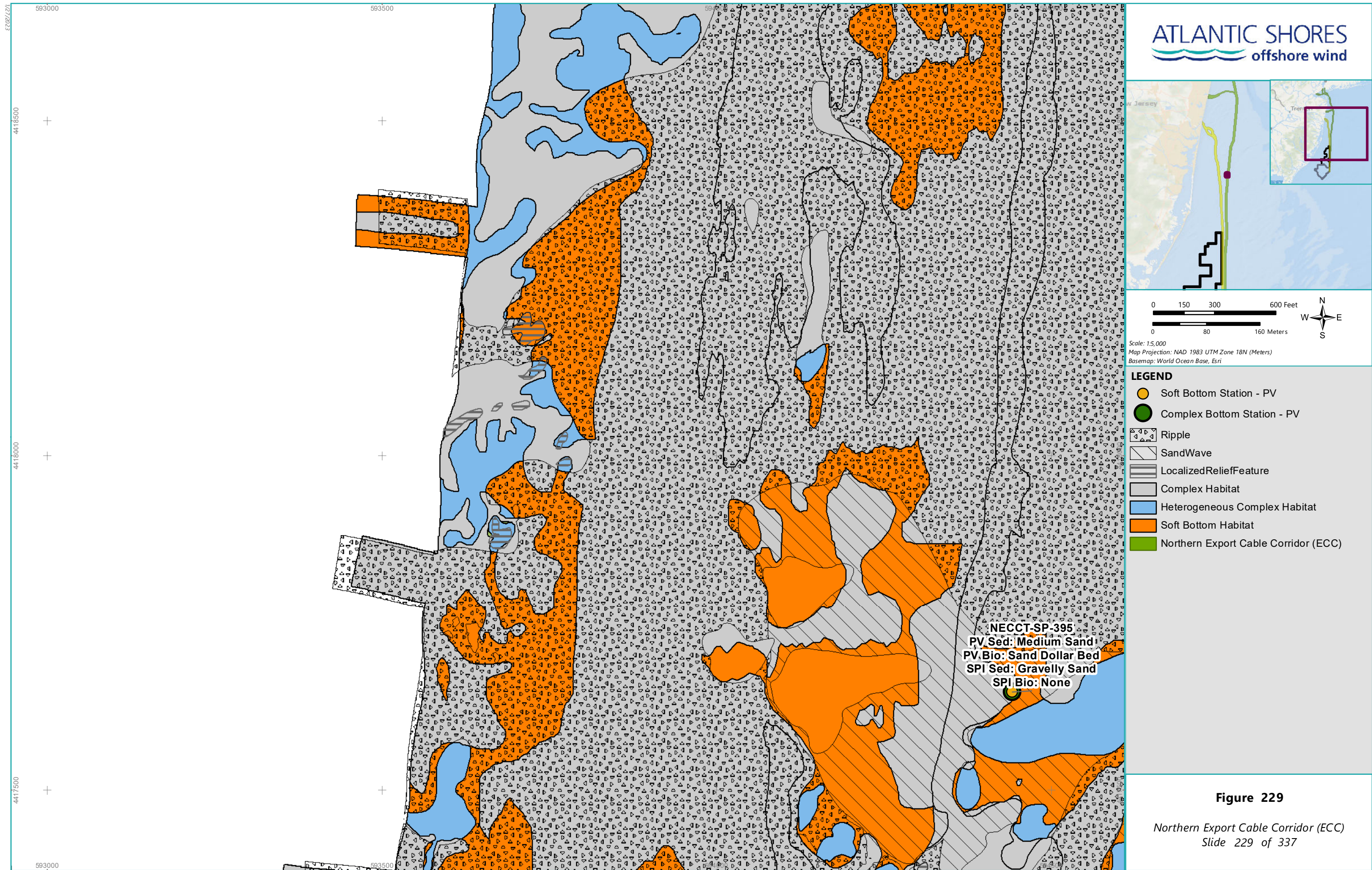
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

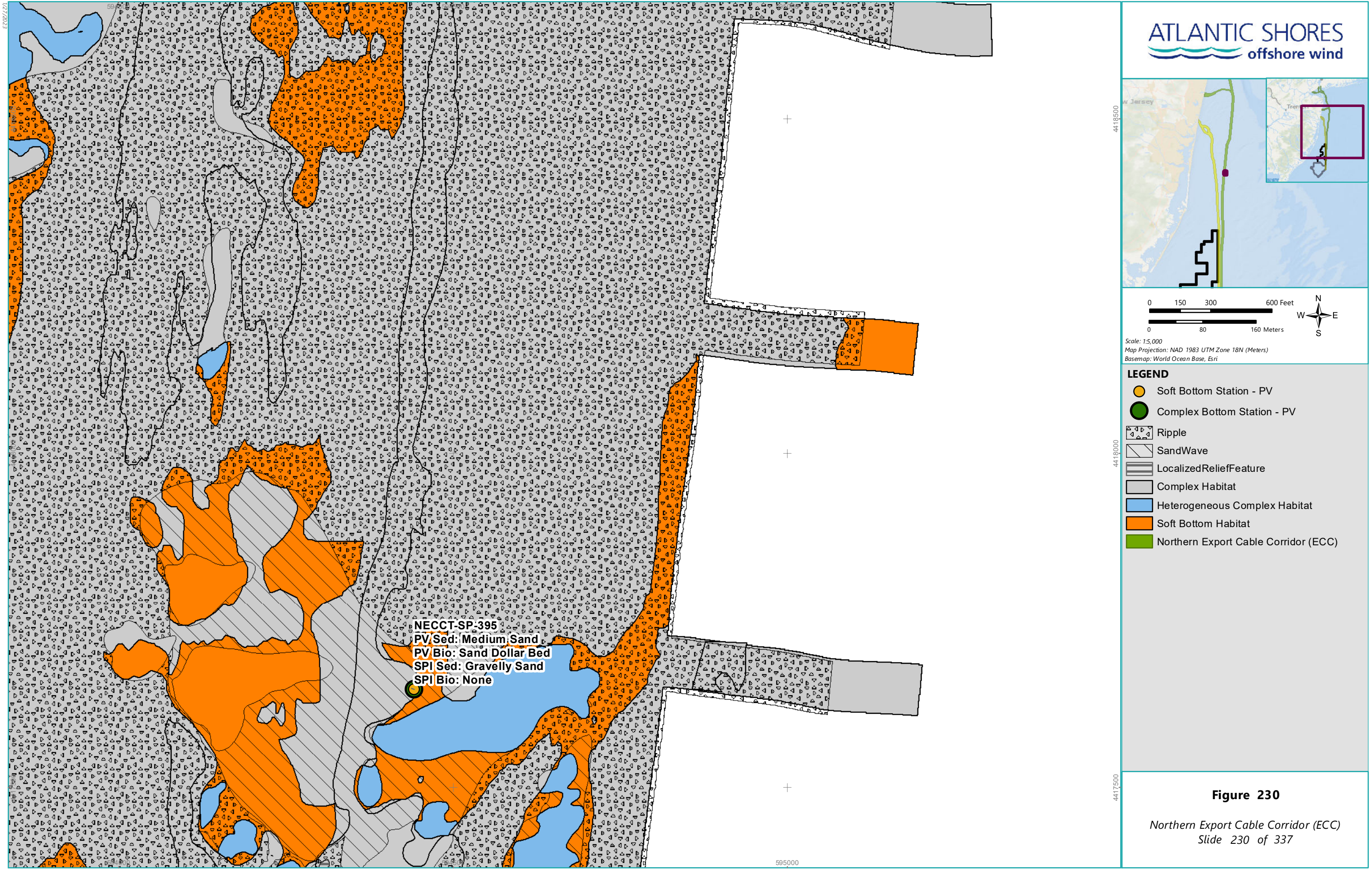
LEGEND

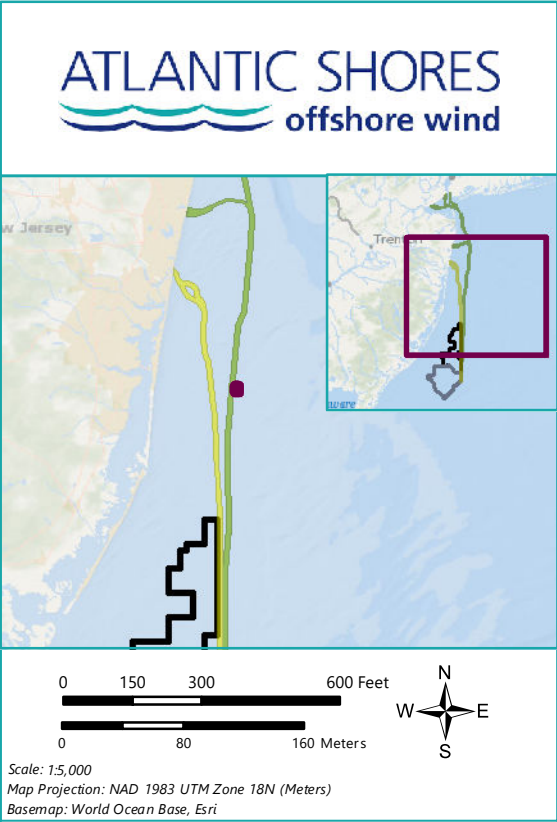
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 228

Northern Export Cable Corridor (ECC)
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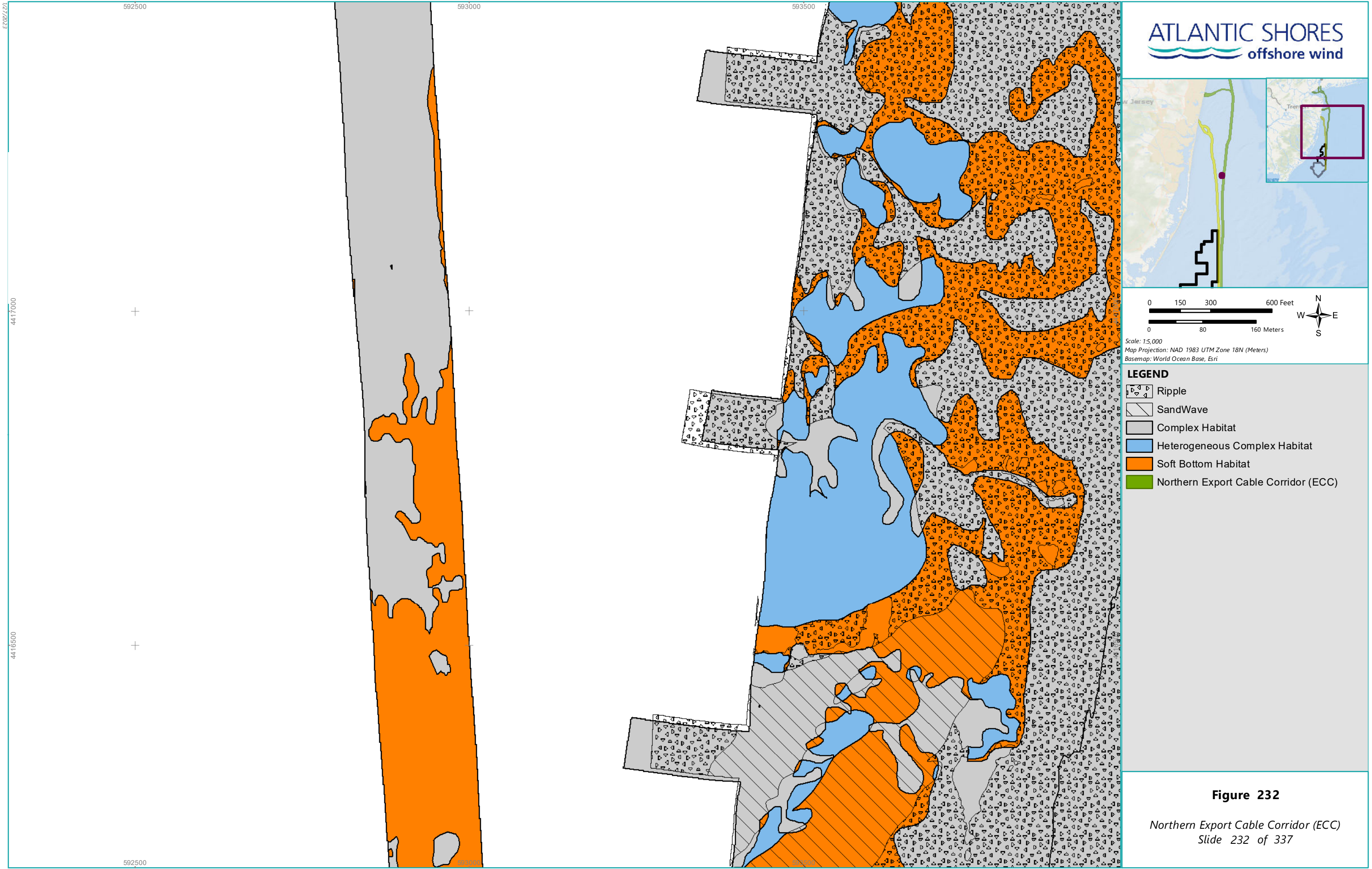




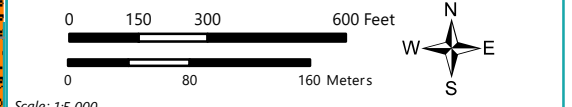
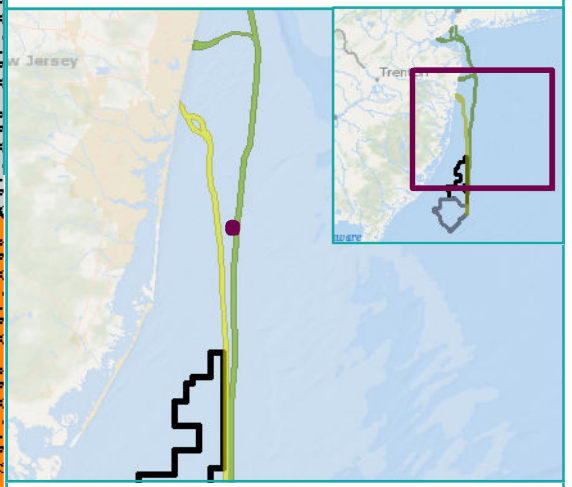


- LEGEND**
- Soft Bottom Station - PV
 - Complex Bottom Station - PV
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 231
Northern Export Cable Corridor (ECC)
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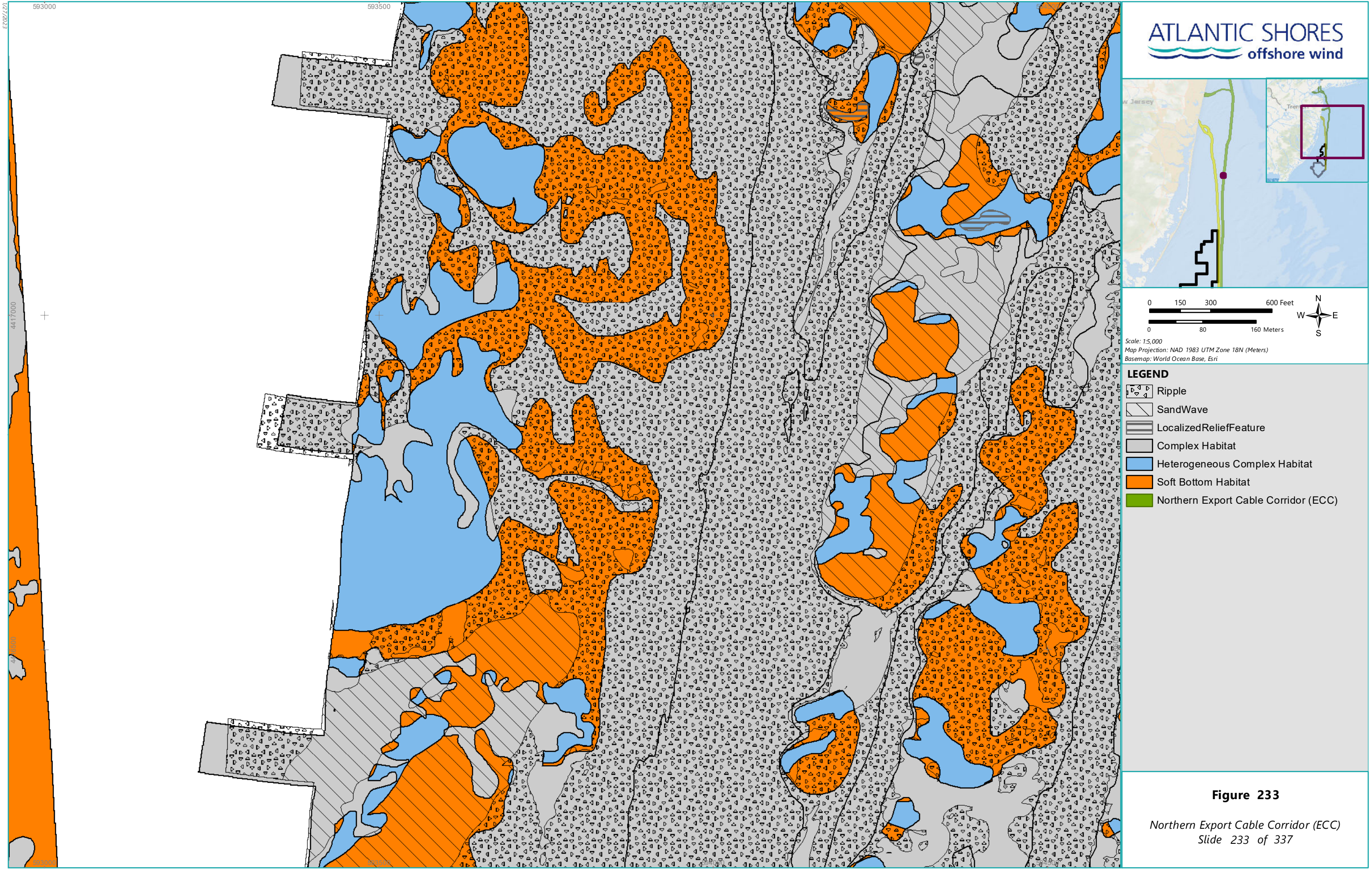
ATLANTIC SHORES
offshore wind

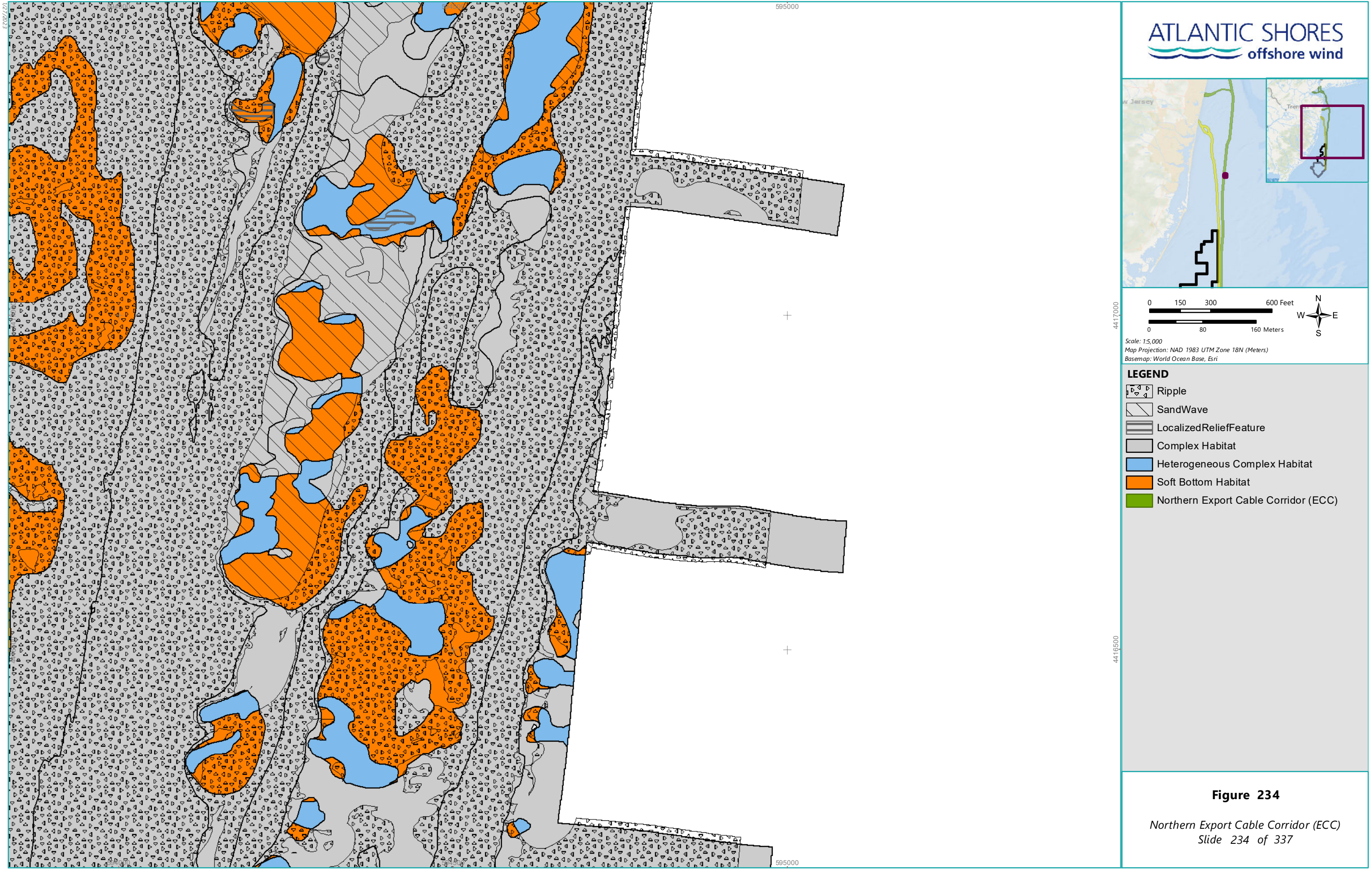


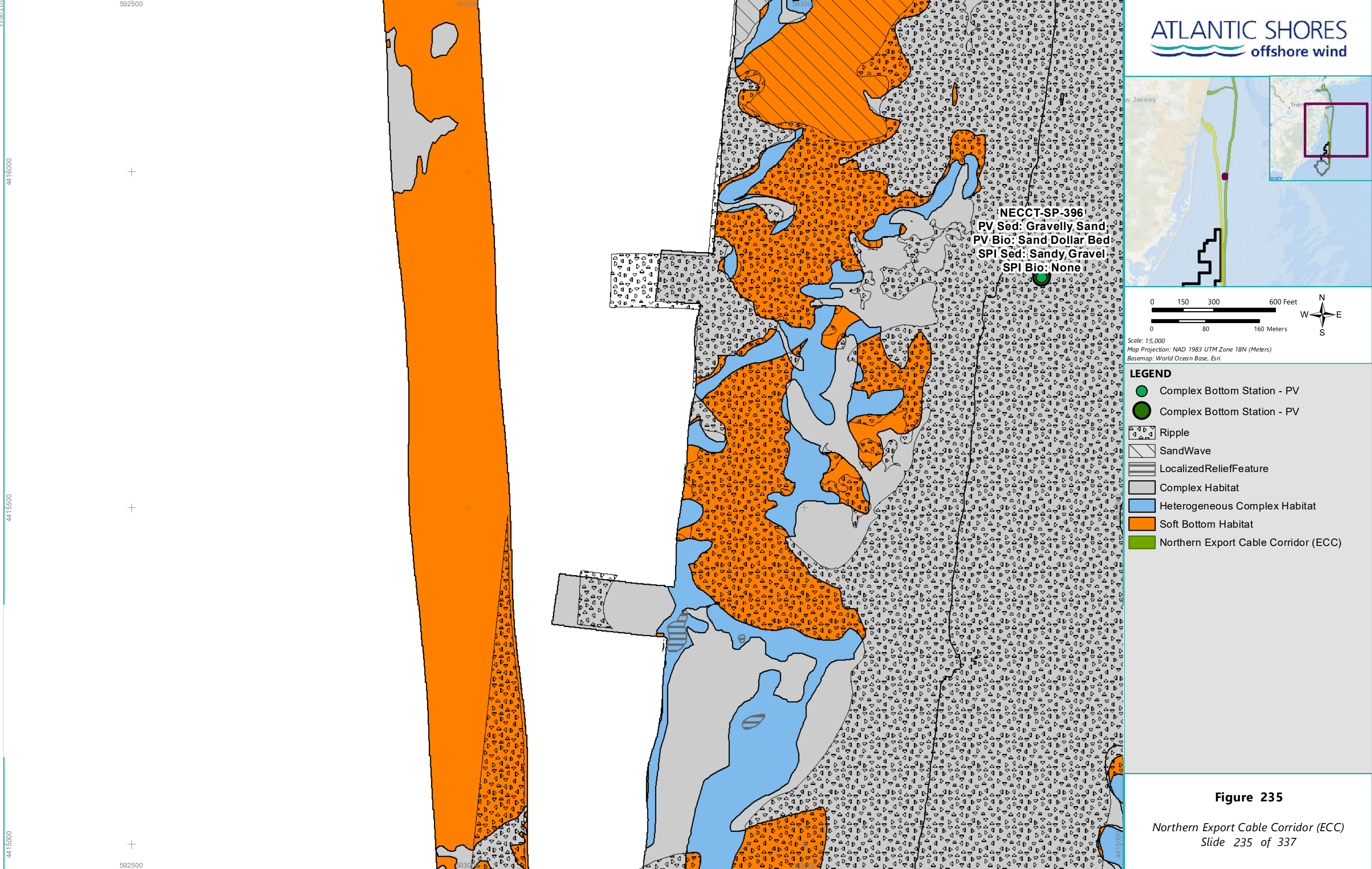
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

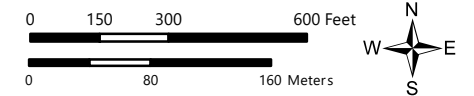
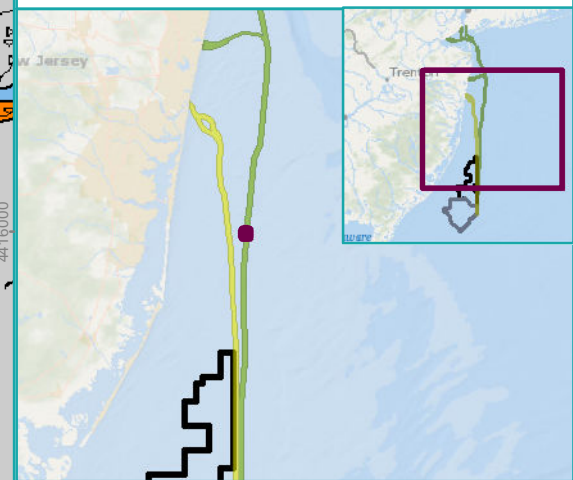
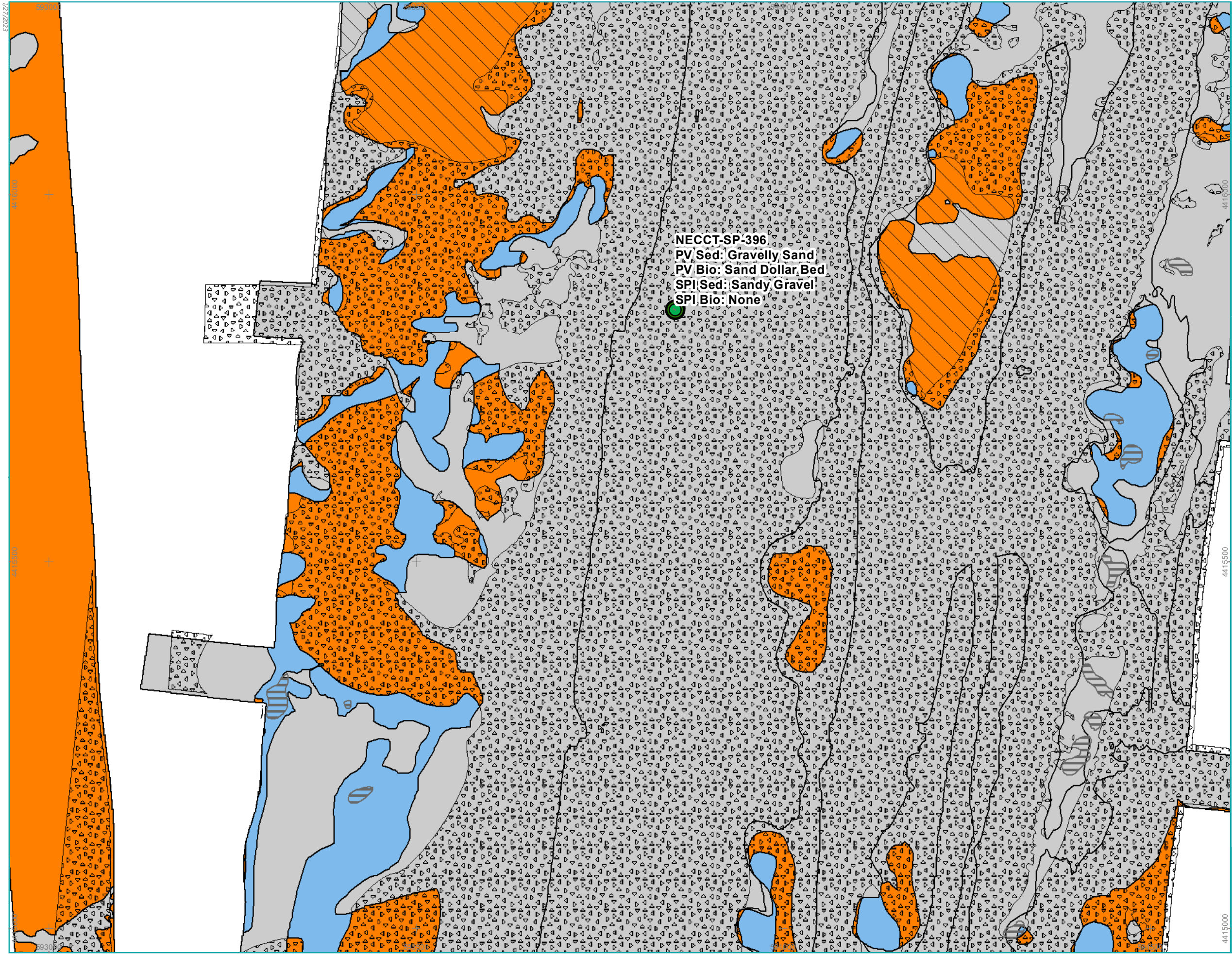
- LEGEND**
- Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 232
Northern Export Cable Corridor (ECC)
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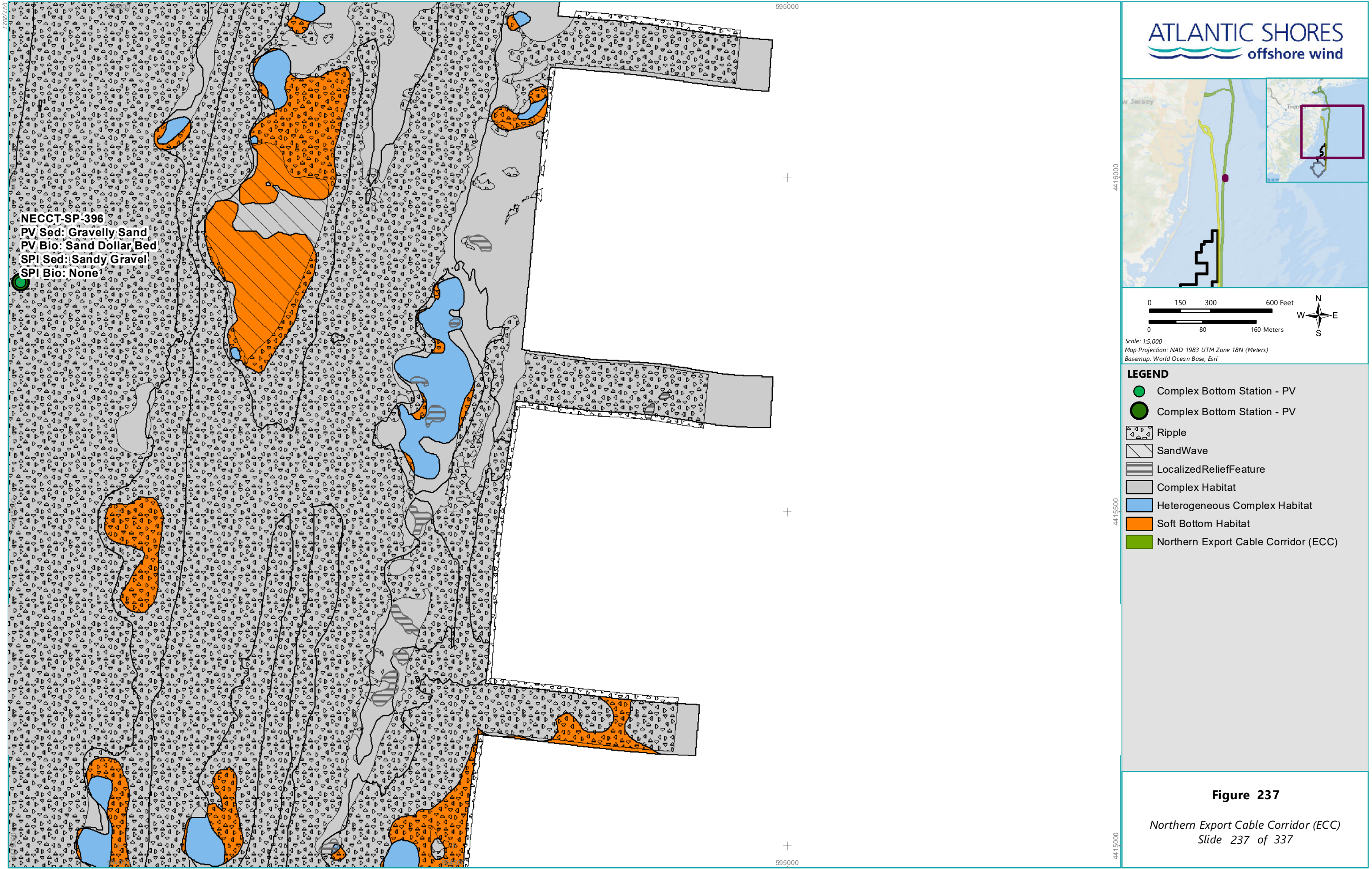


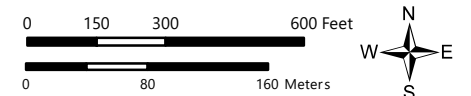
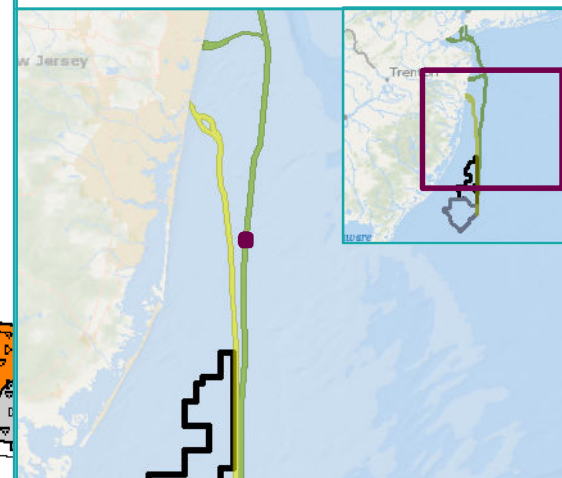
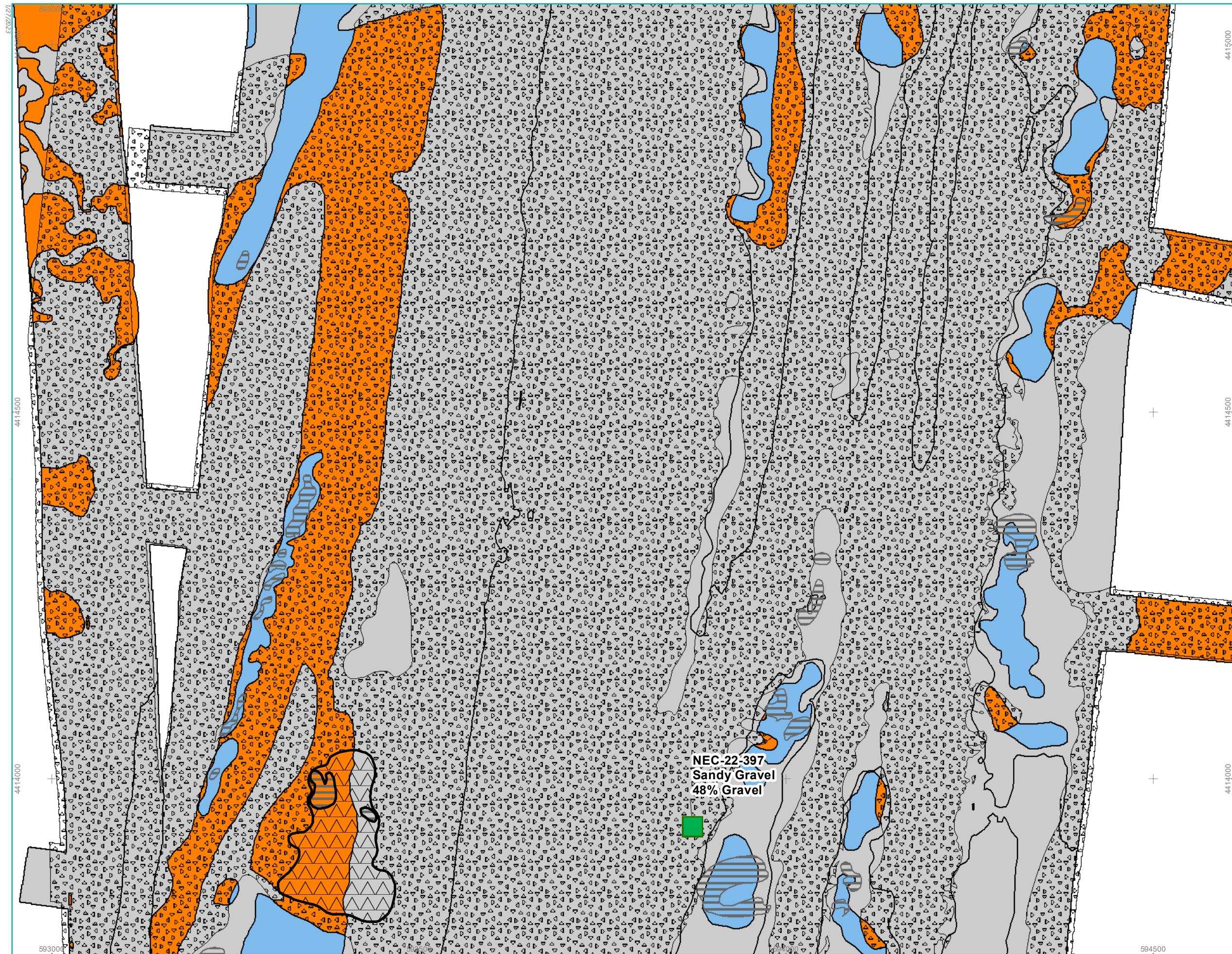
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Complex Bottom Station - PV
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 236

Northern Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- MegaRipple
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 239

Northern Export Cable Corridor (ECC)
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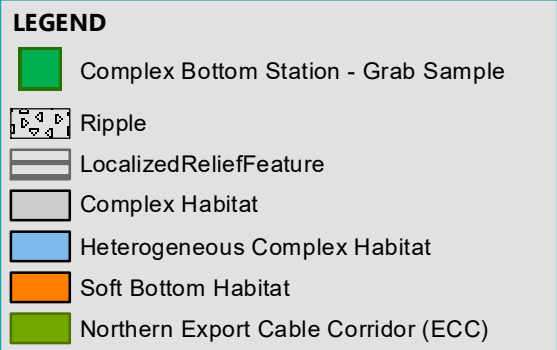
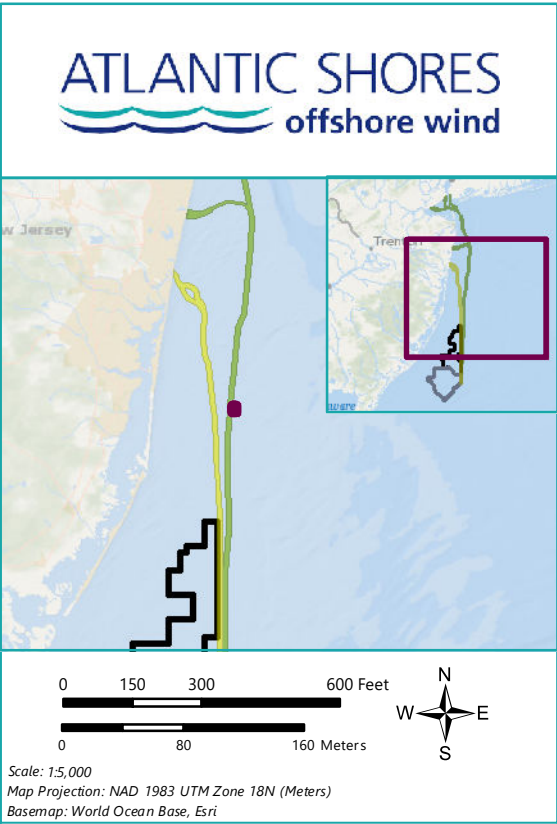
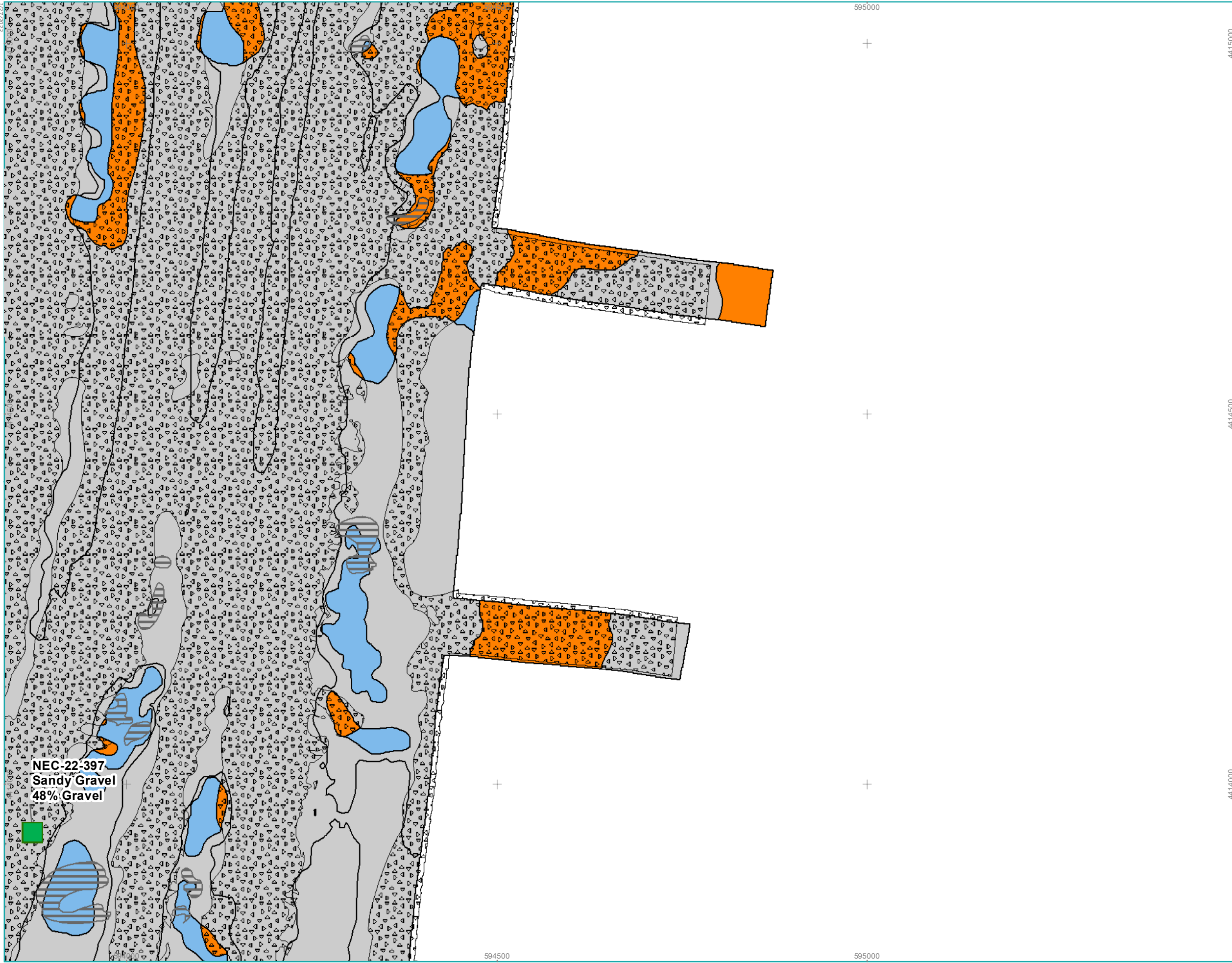
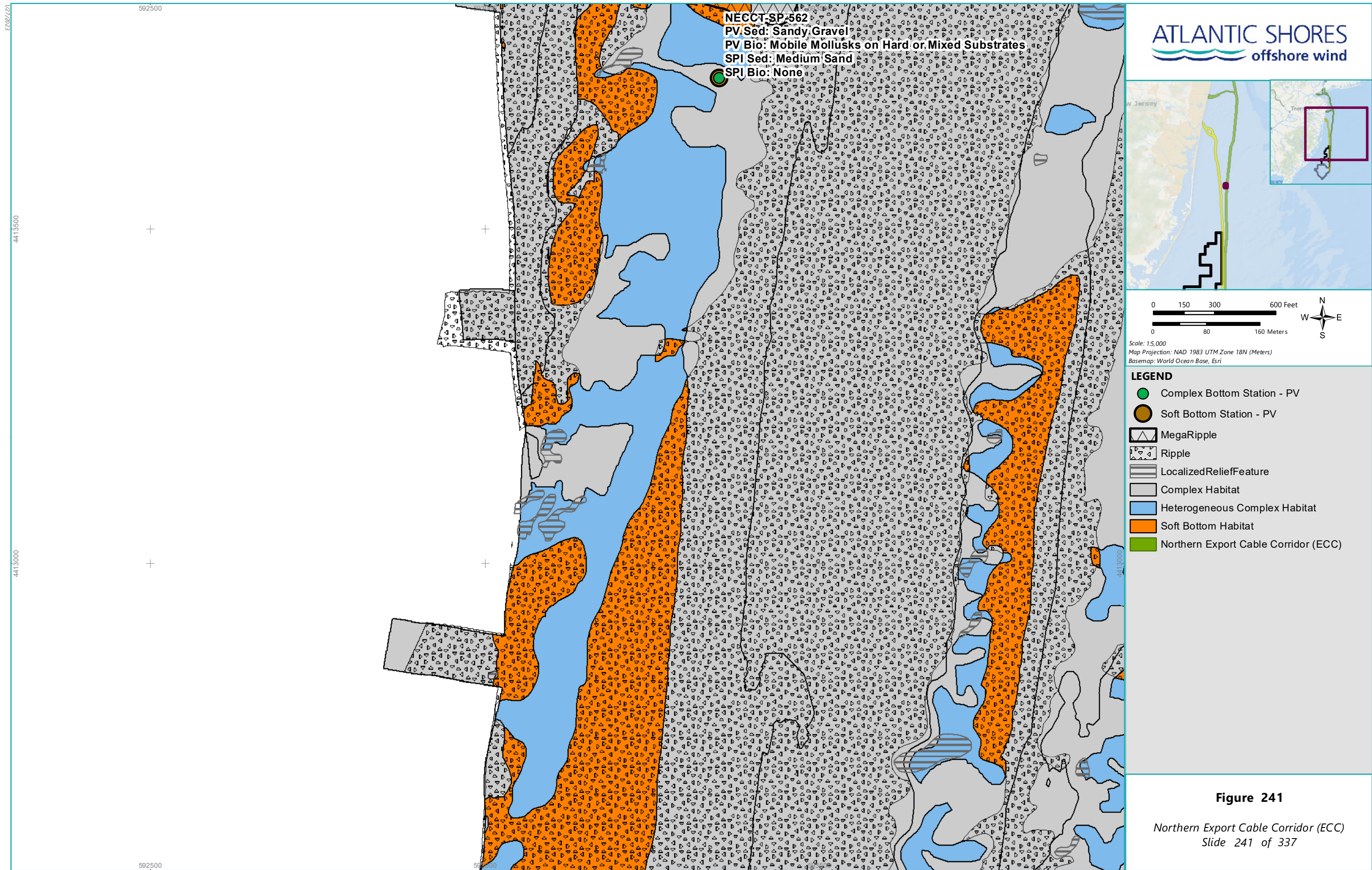


Figure 240

Northern Export Cable Corridor (ECC)

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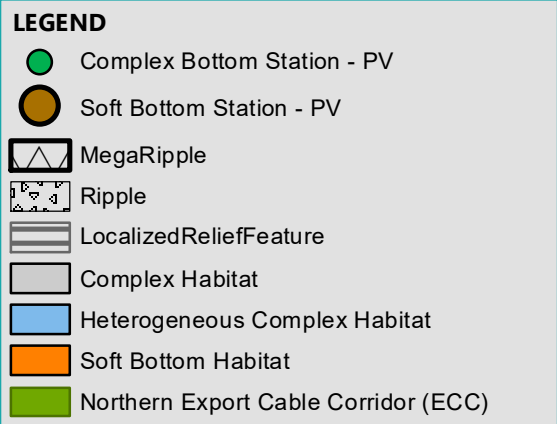
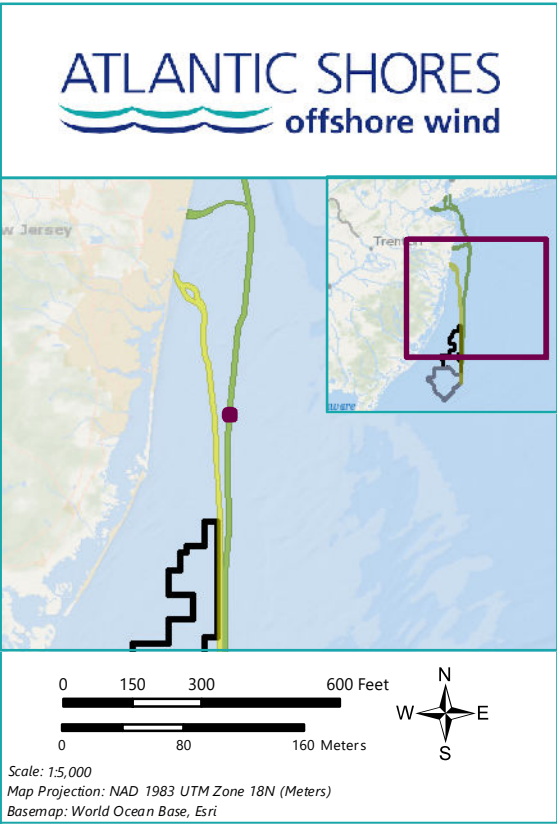
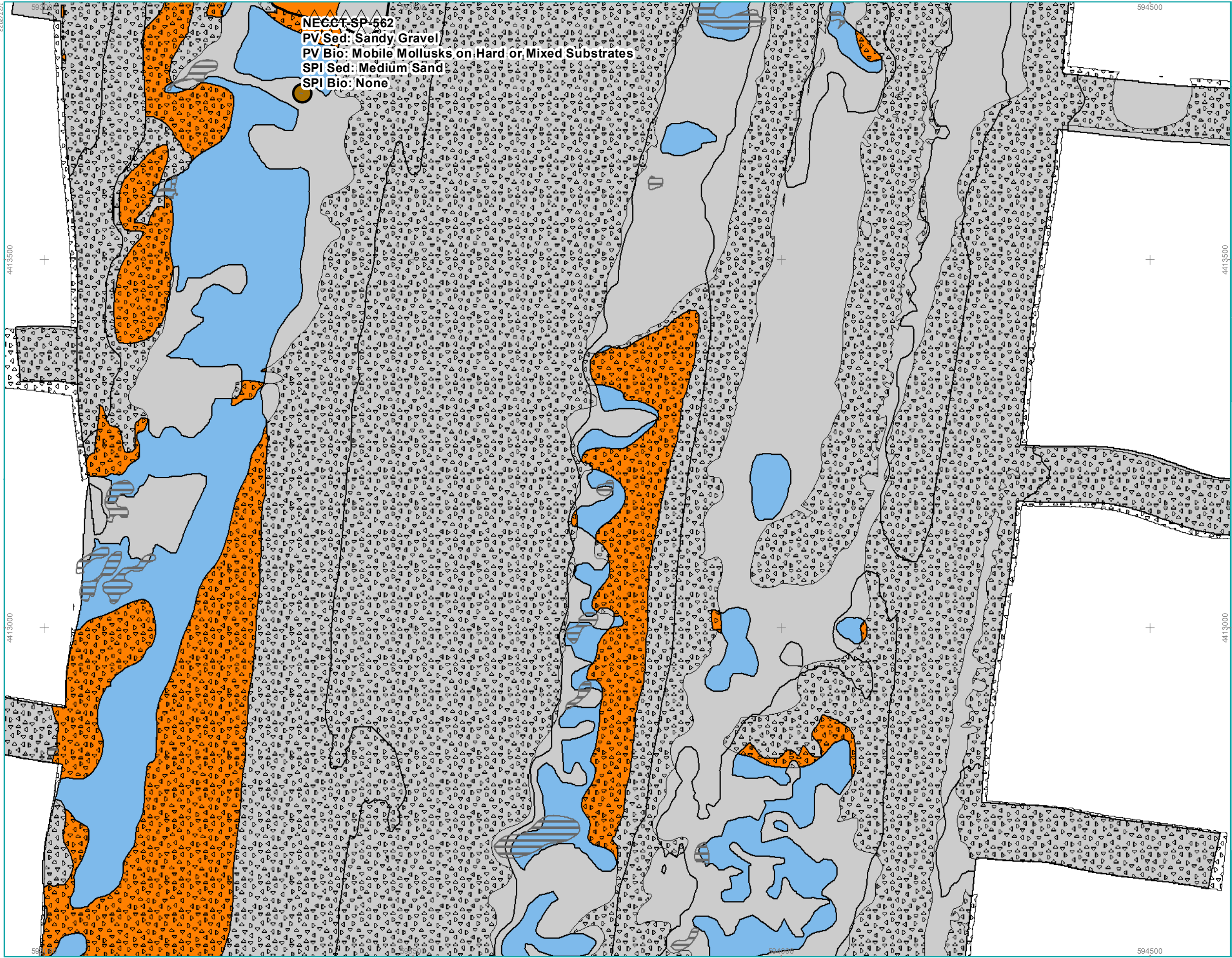
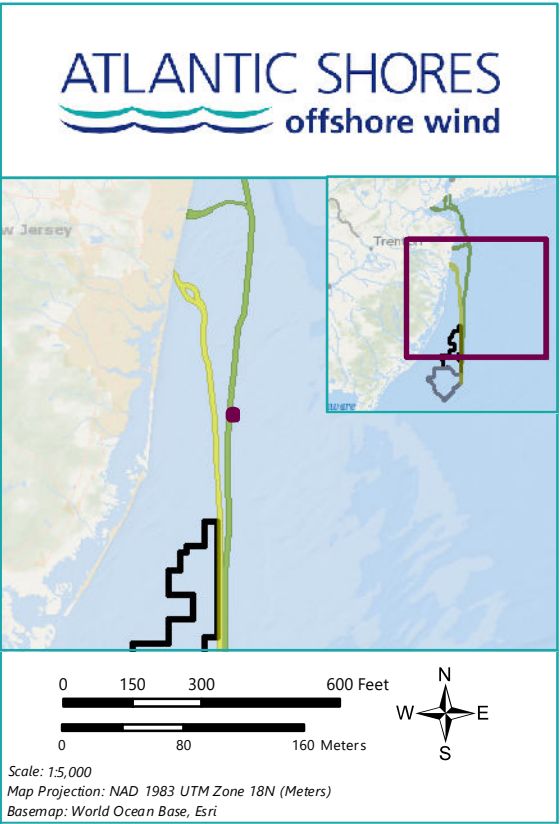
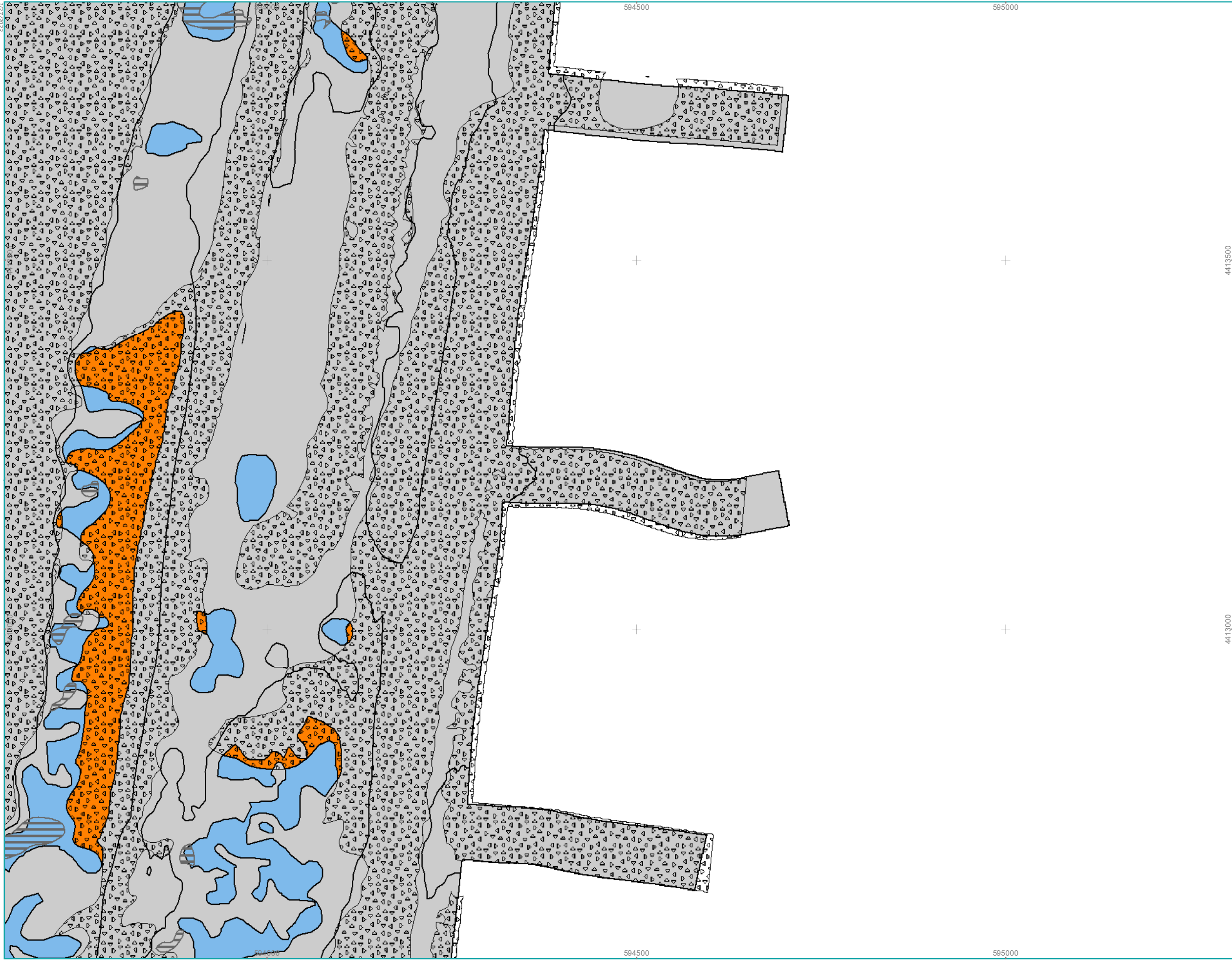


Figure 242



- LEGEND**
- Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 243
Northern Export Cable Corridor (ECC)
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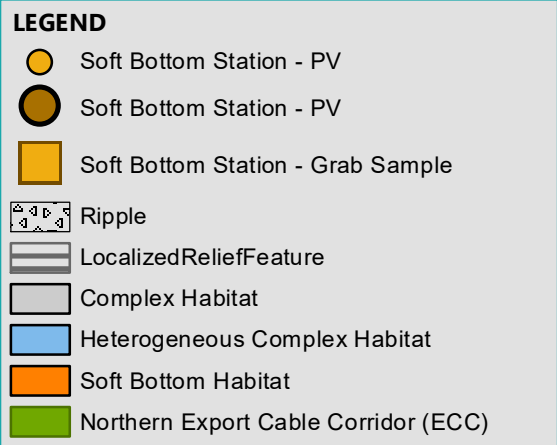
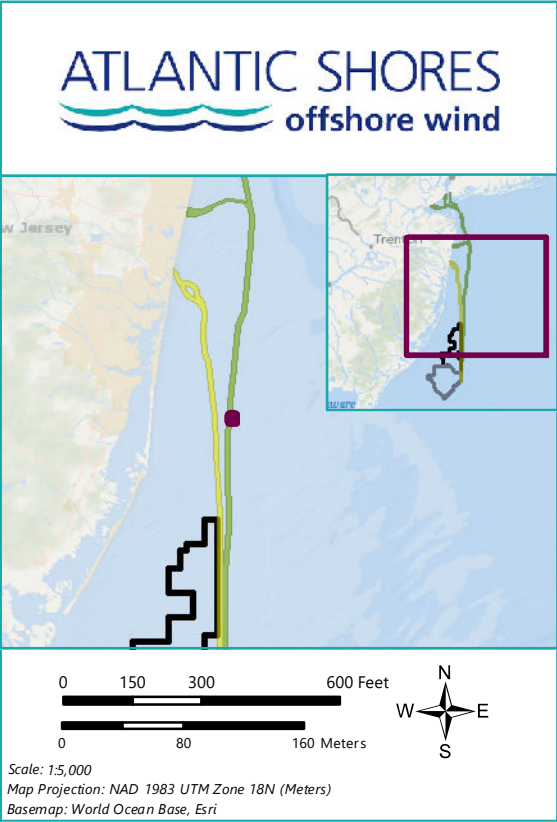
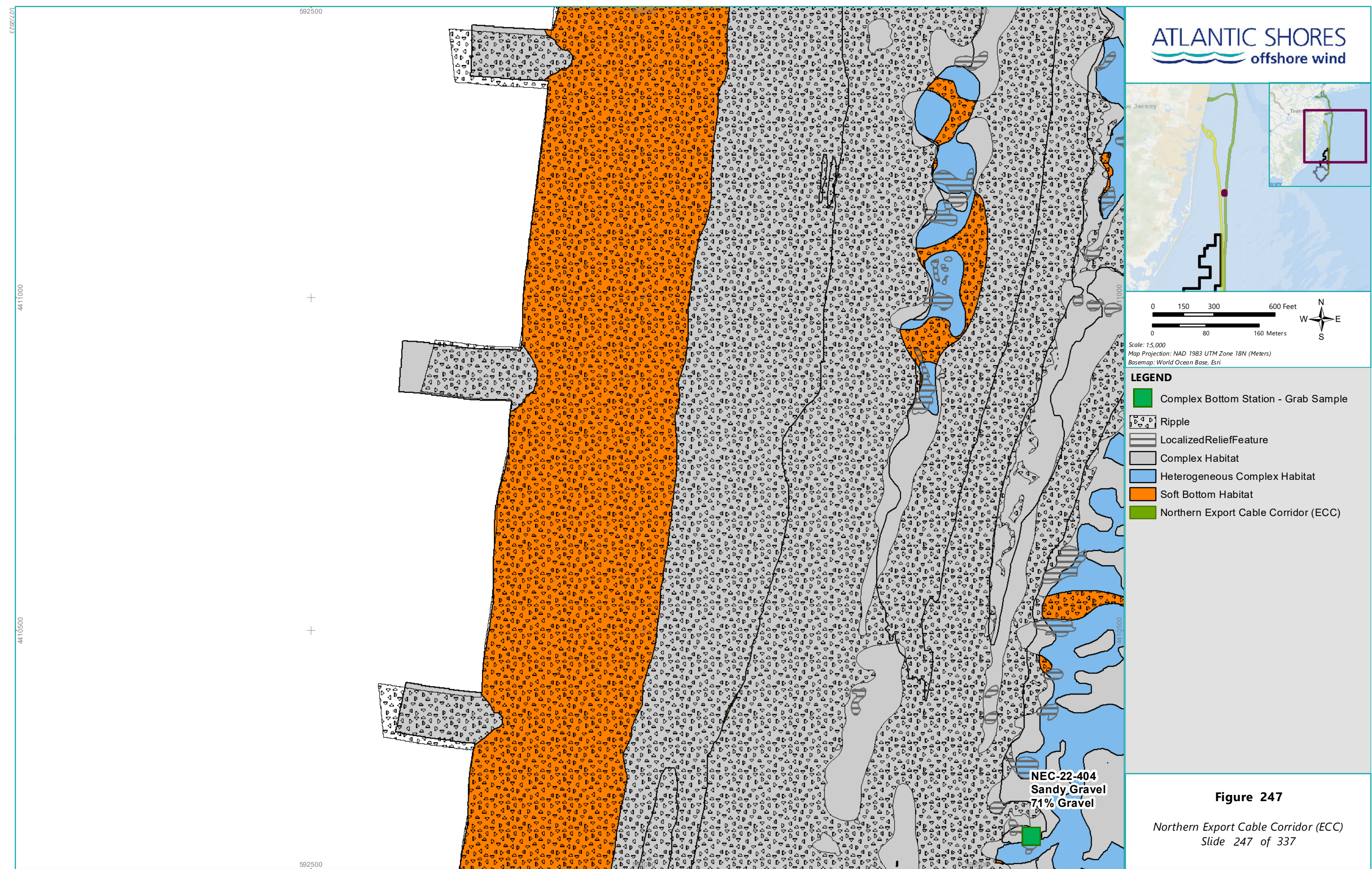


Figure 246

Northern Export Cable Corridor (ECC)
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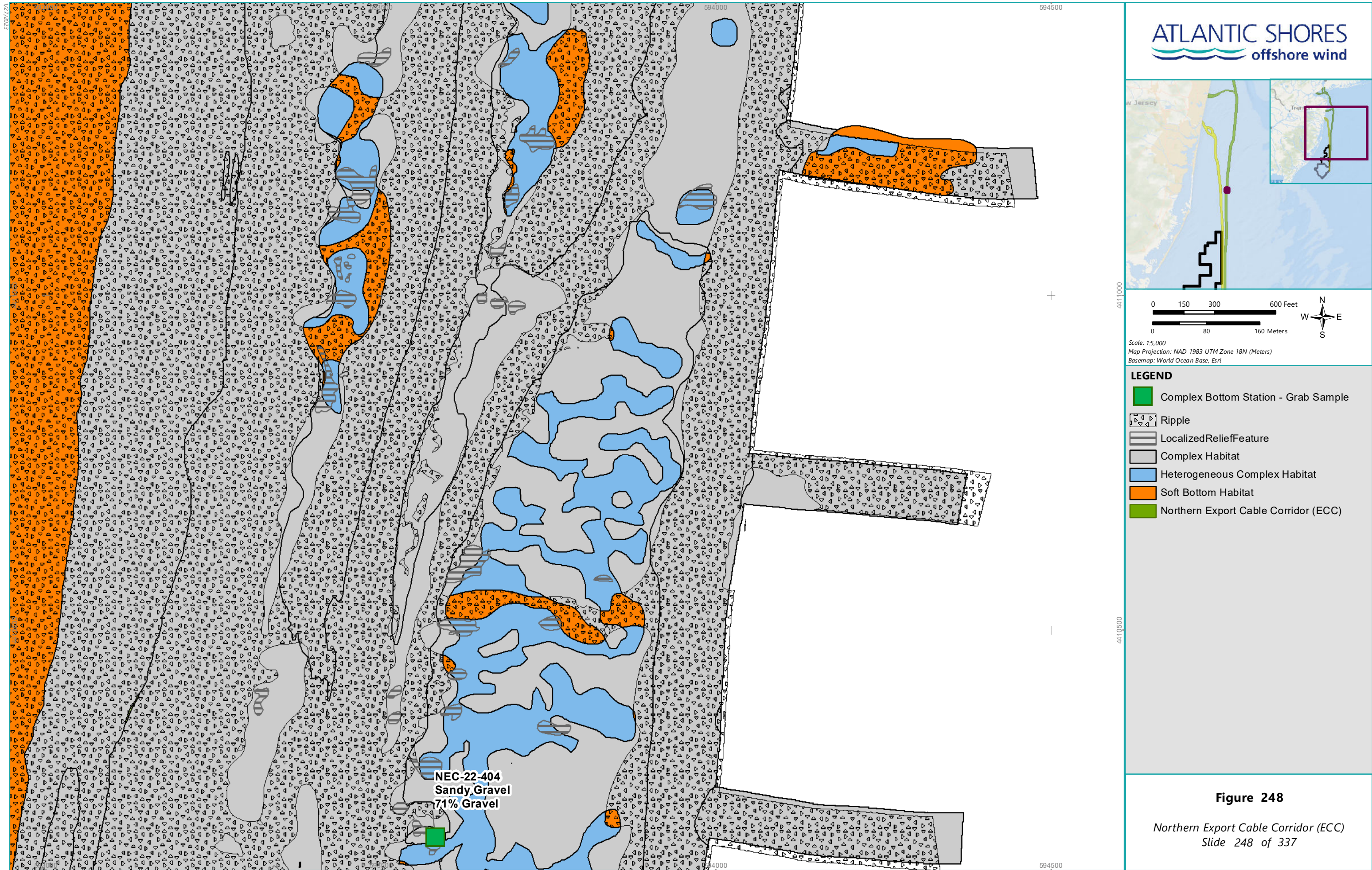
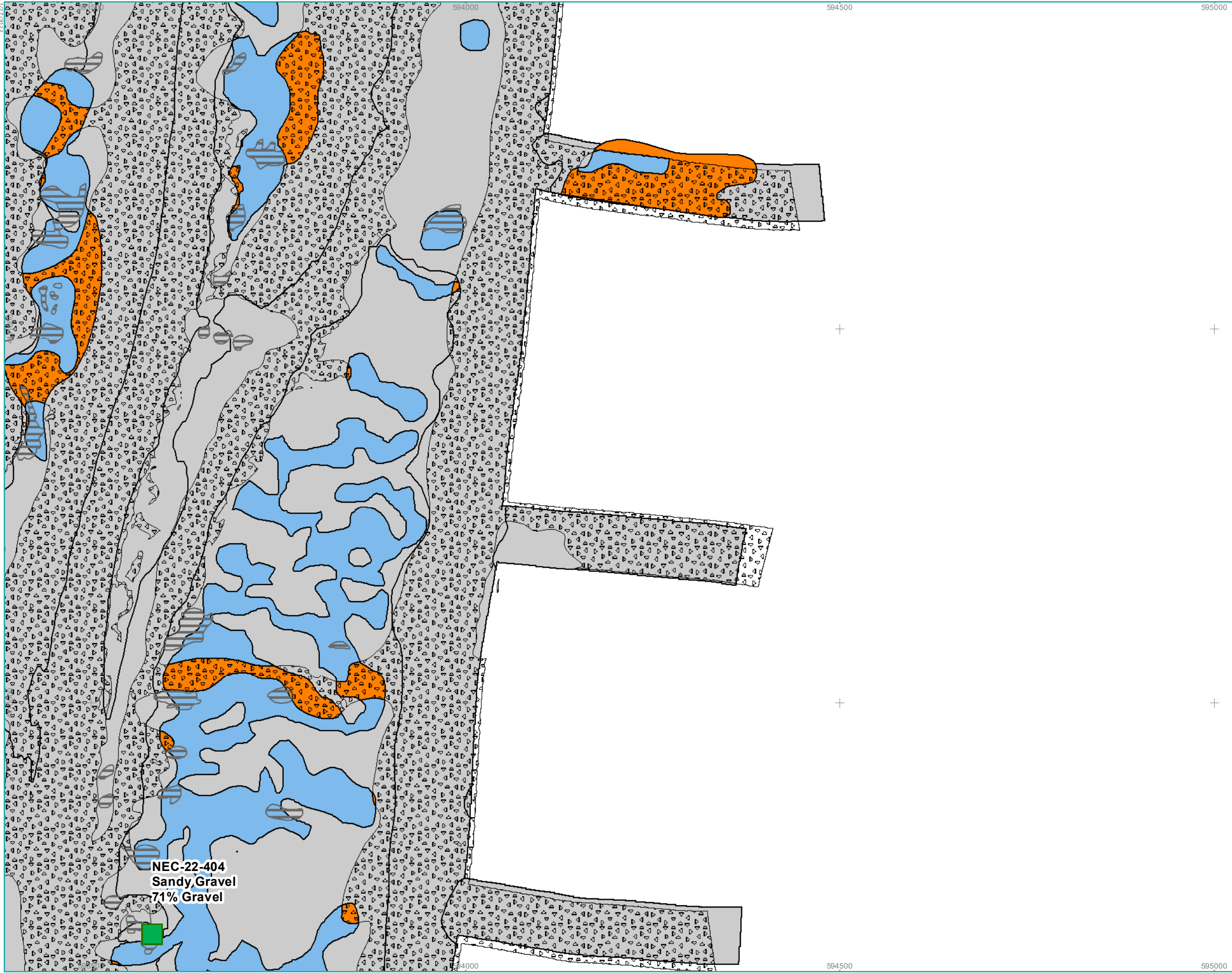
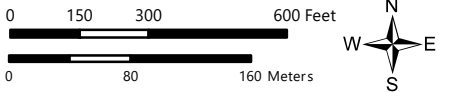
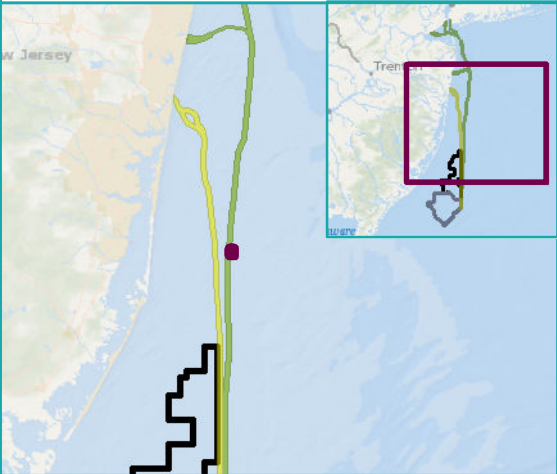


Figure 248



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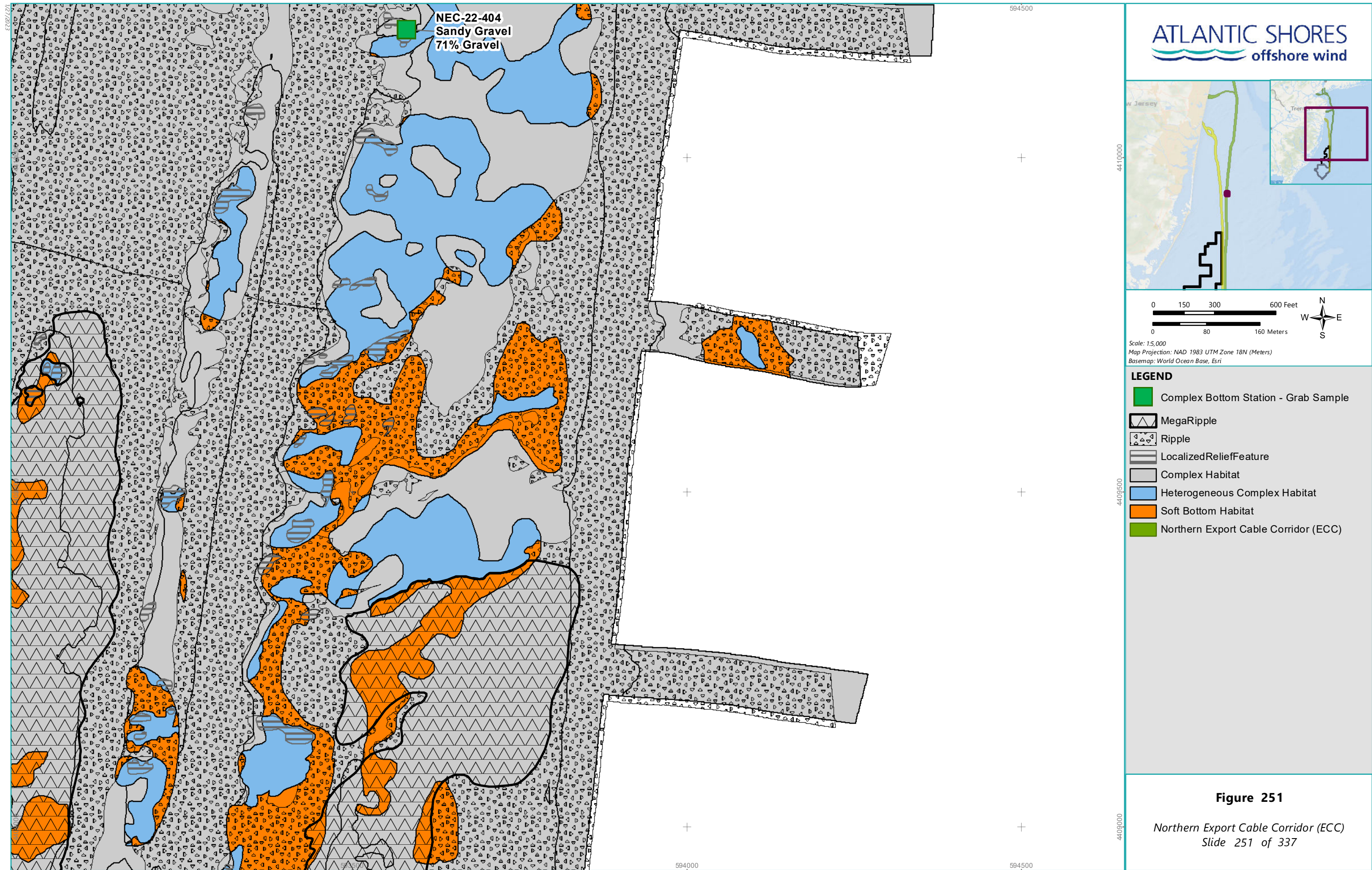


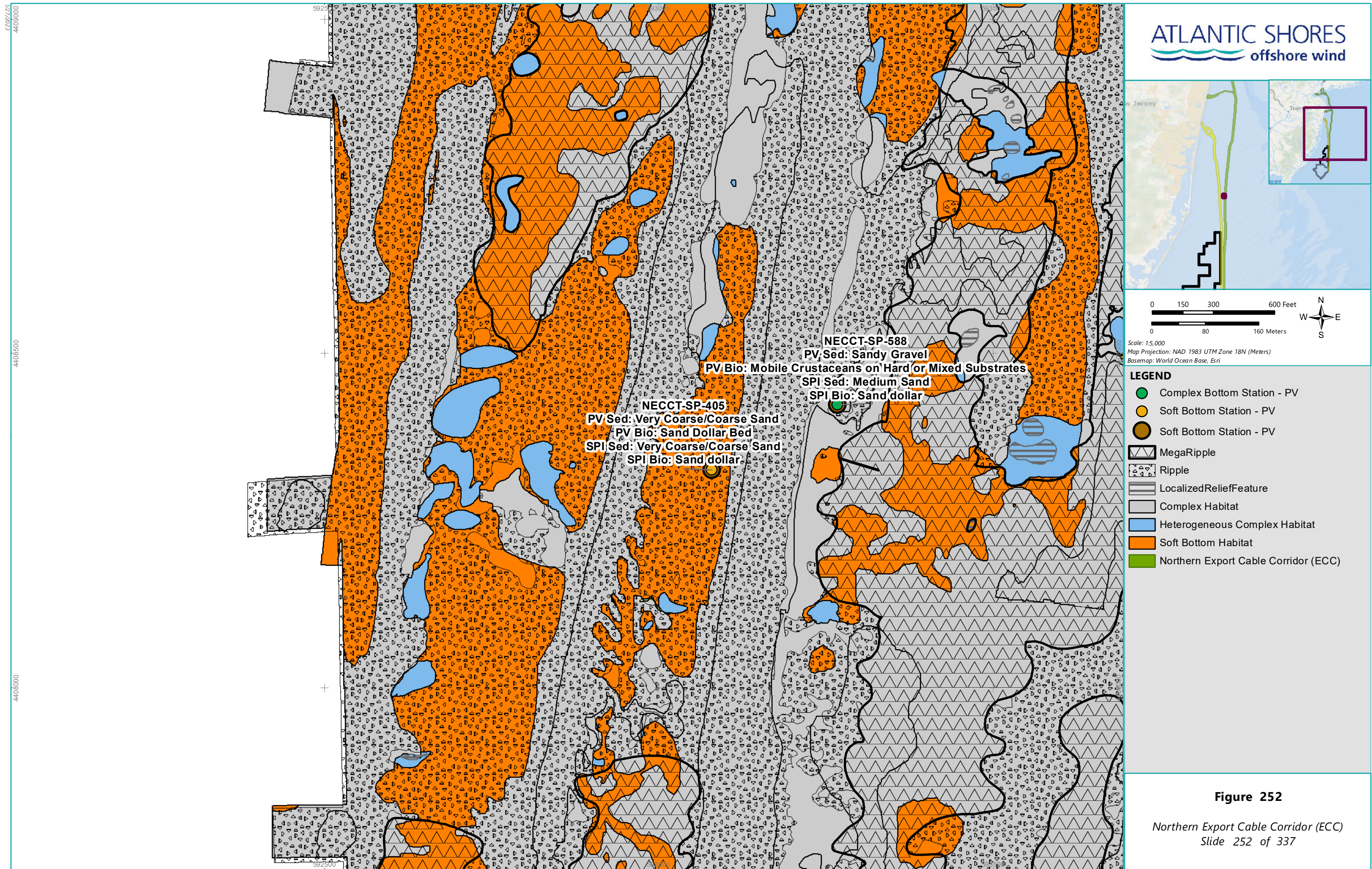
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - Grab Sample
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 249

Northern Export Cable Corridor (ECC)
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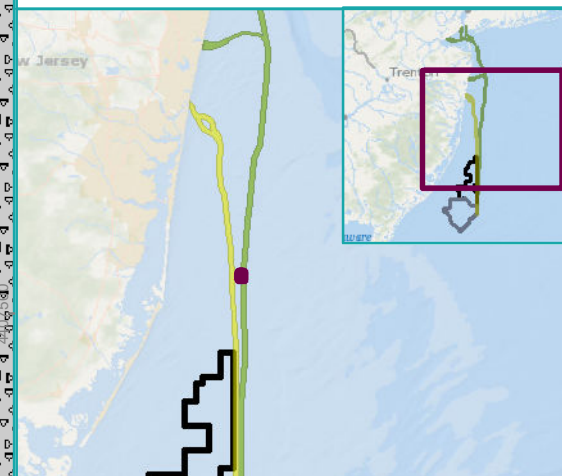
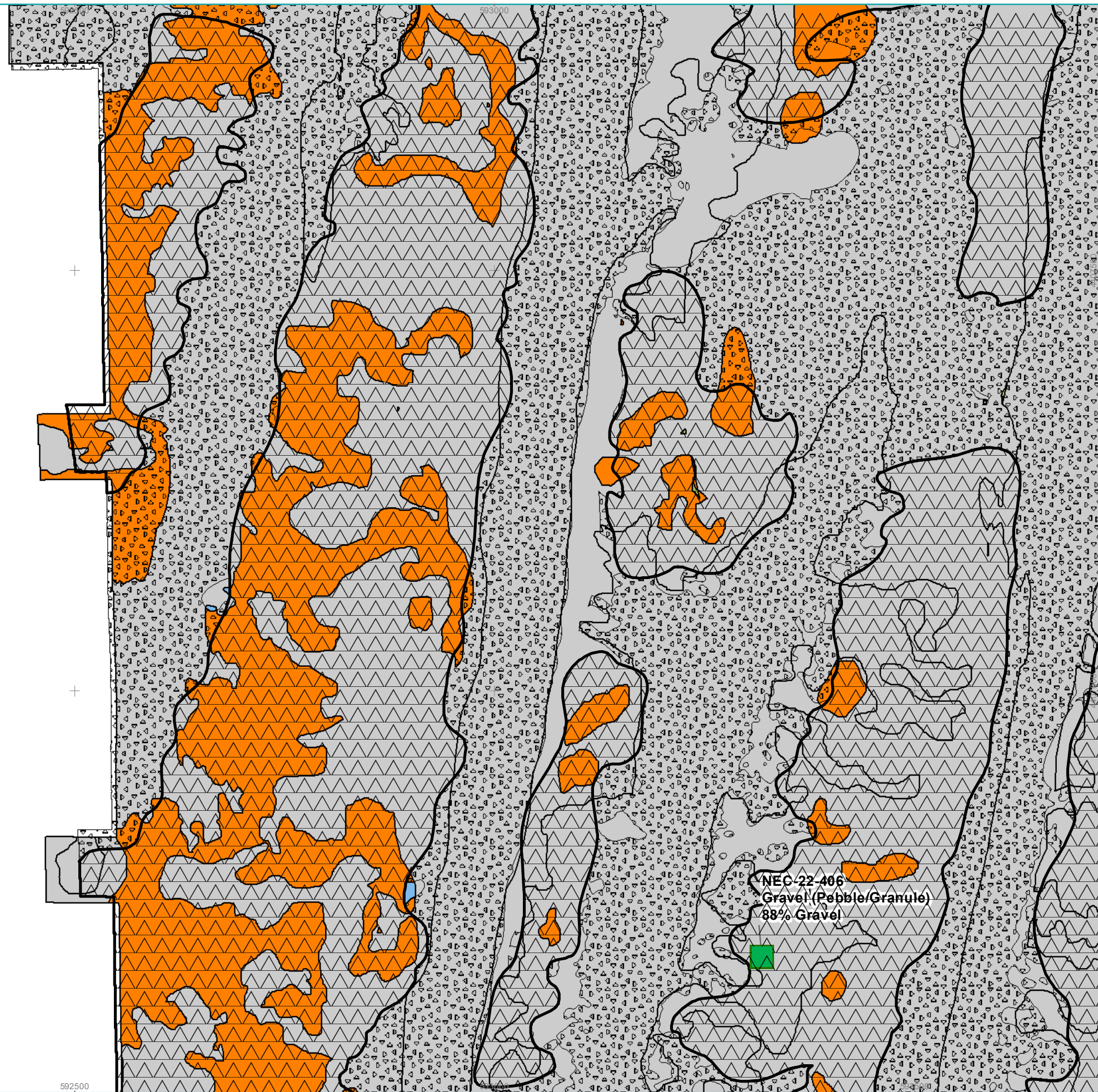




7/27/2023

4407500

4407000



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - Grab Sample
- MegaRipple
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 254

Northern Export Cable Corridor (ECC)
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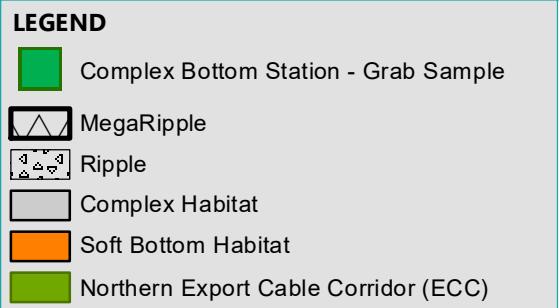
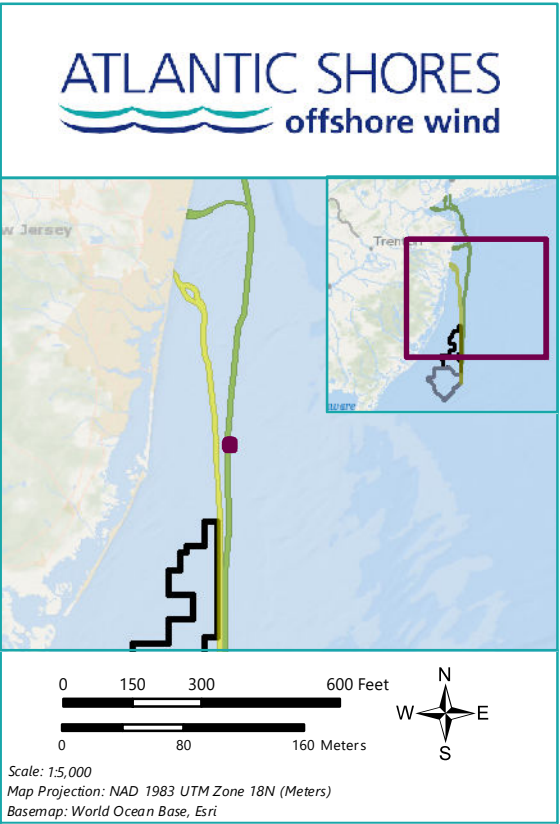
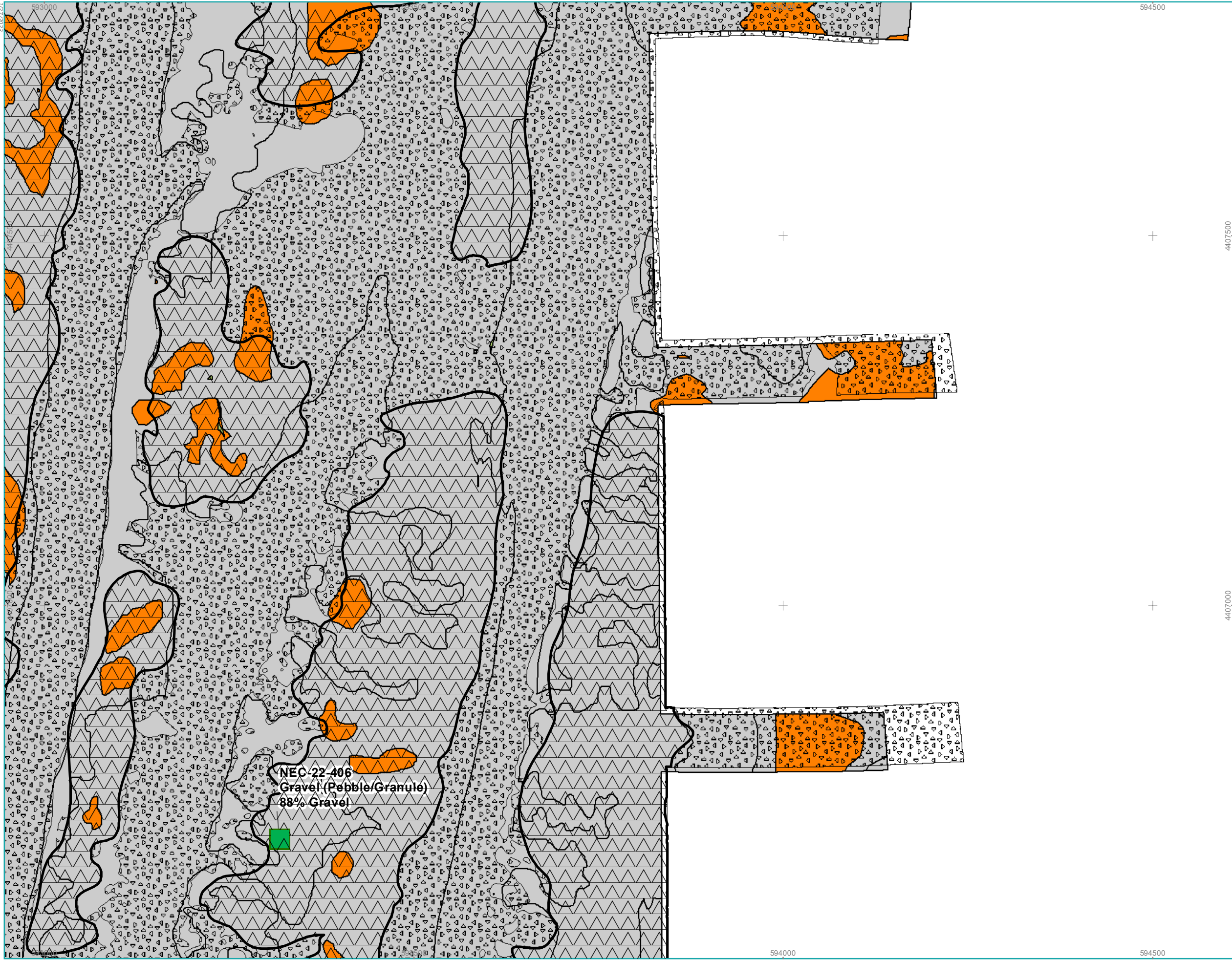
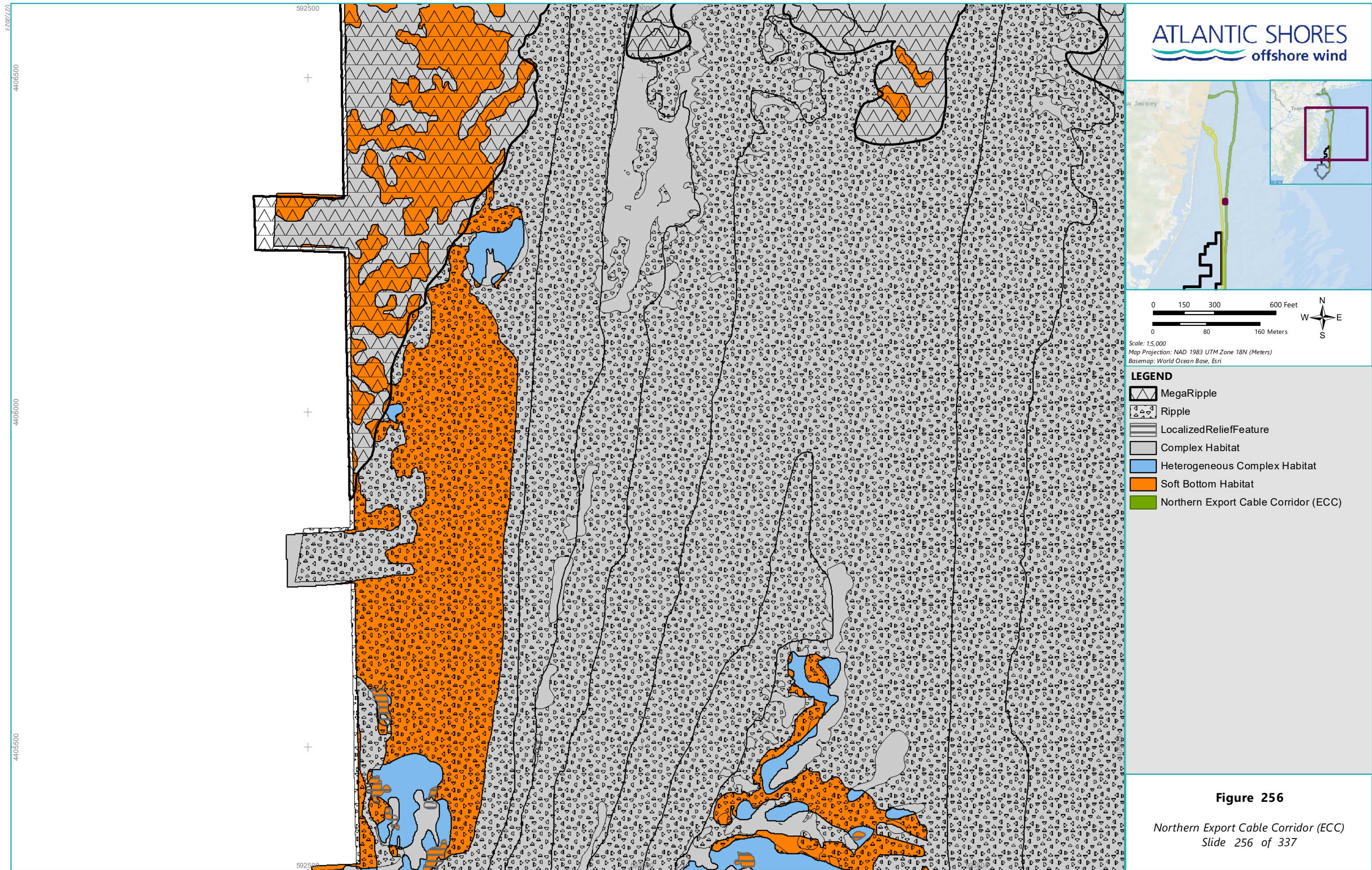
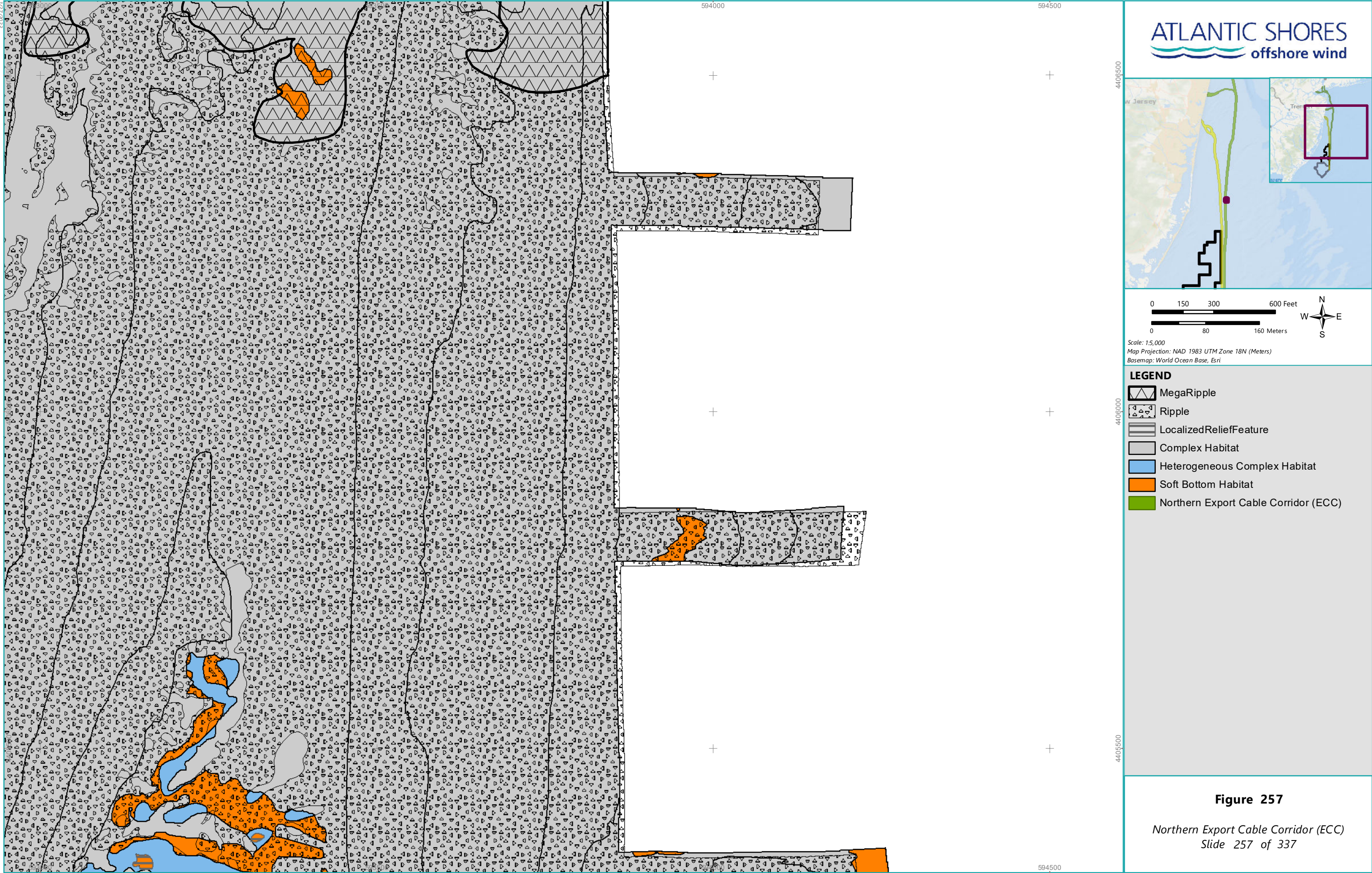


Figure 255

Northern Export Cable Corridor (ECC)

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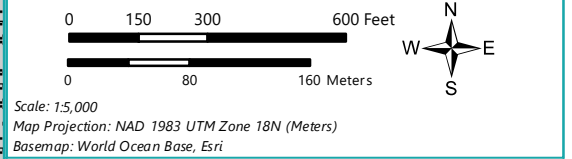
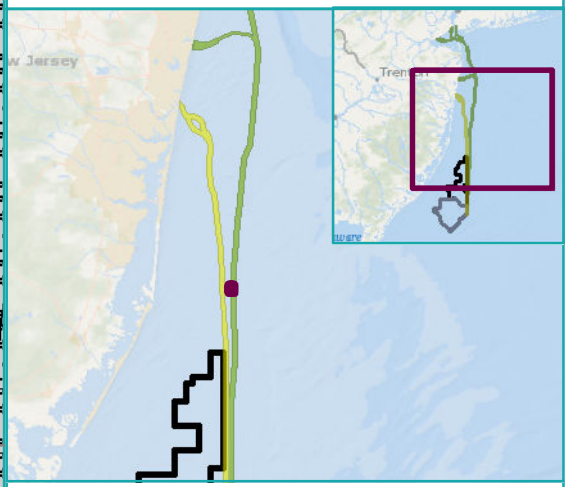
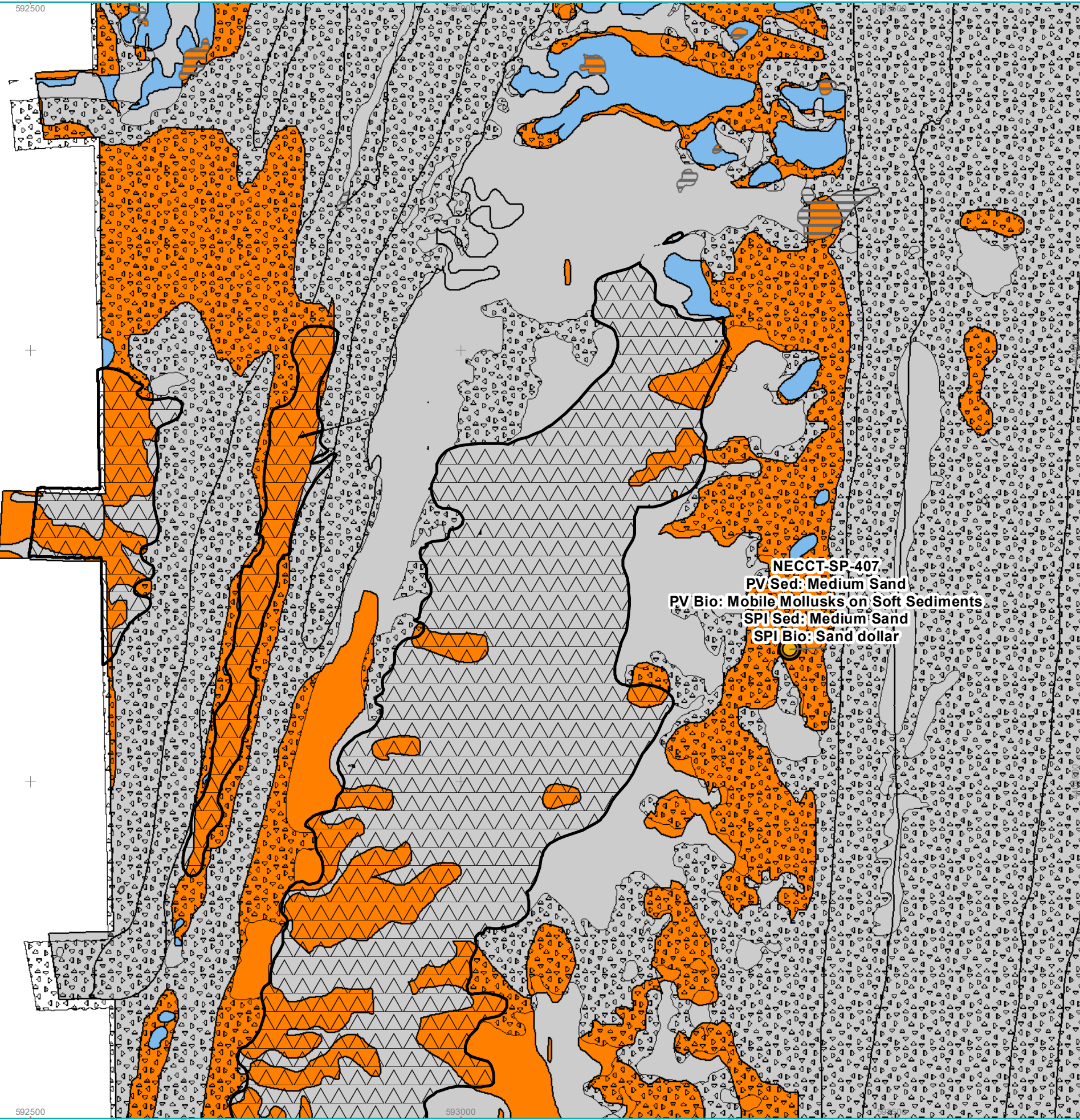




7/27/2023

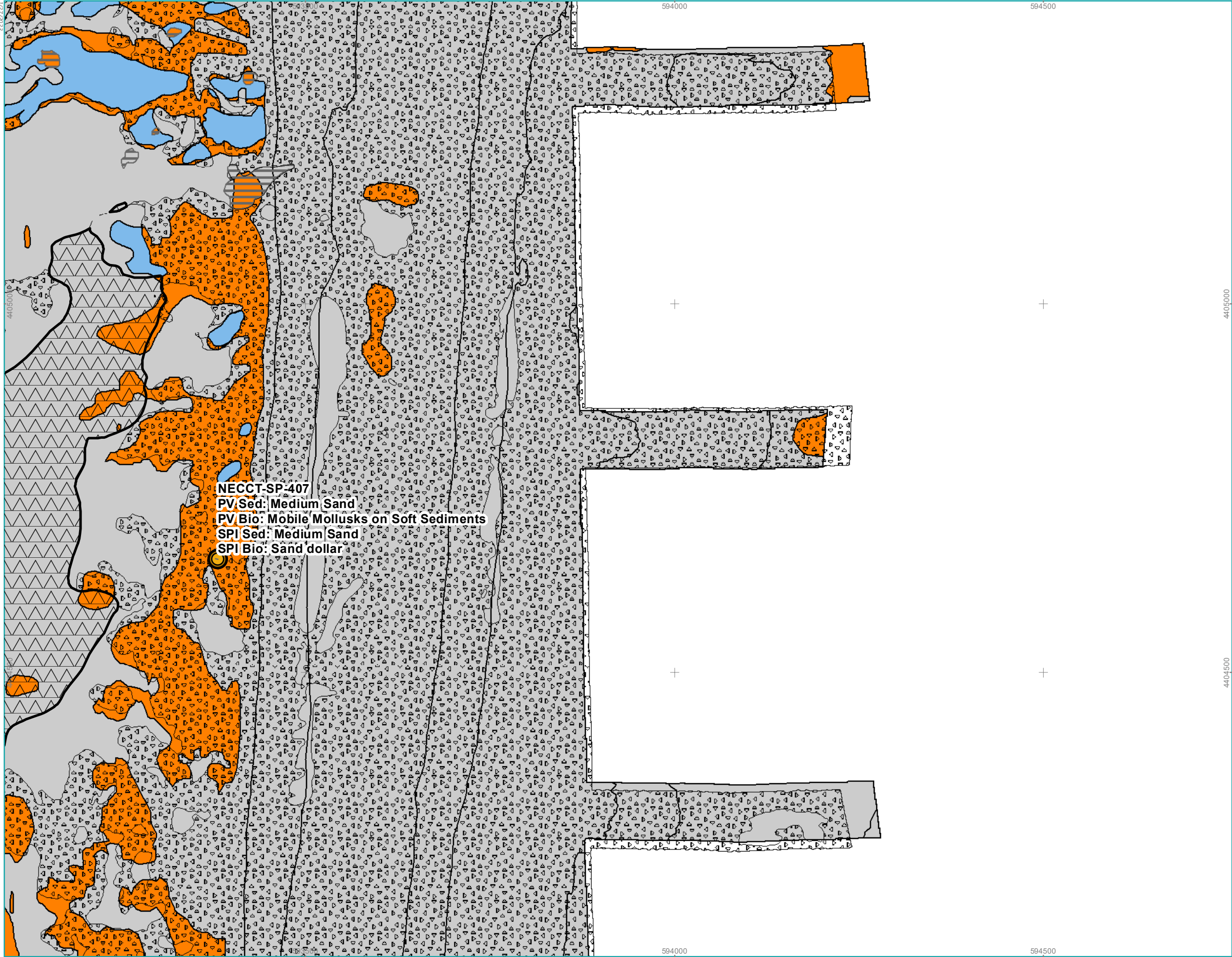
4405000

4404500



- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 258



0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

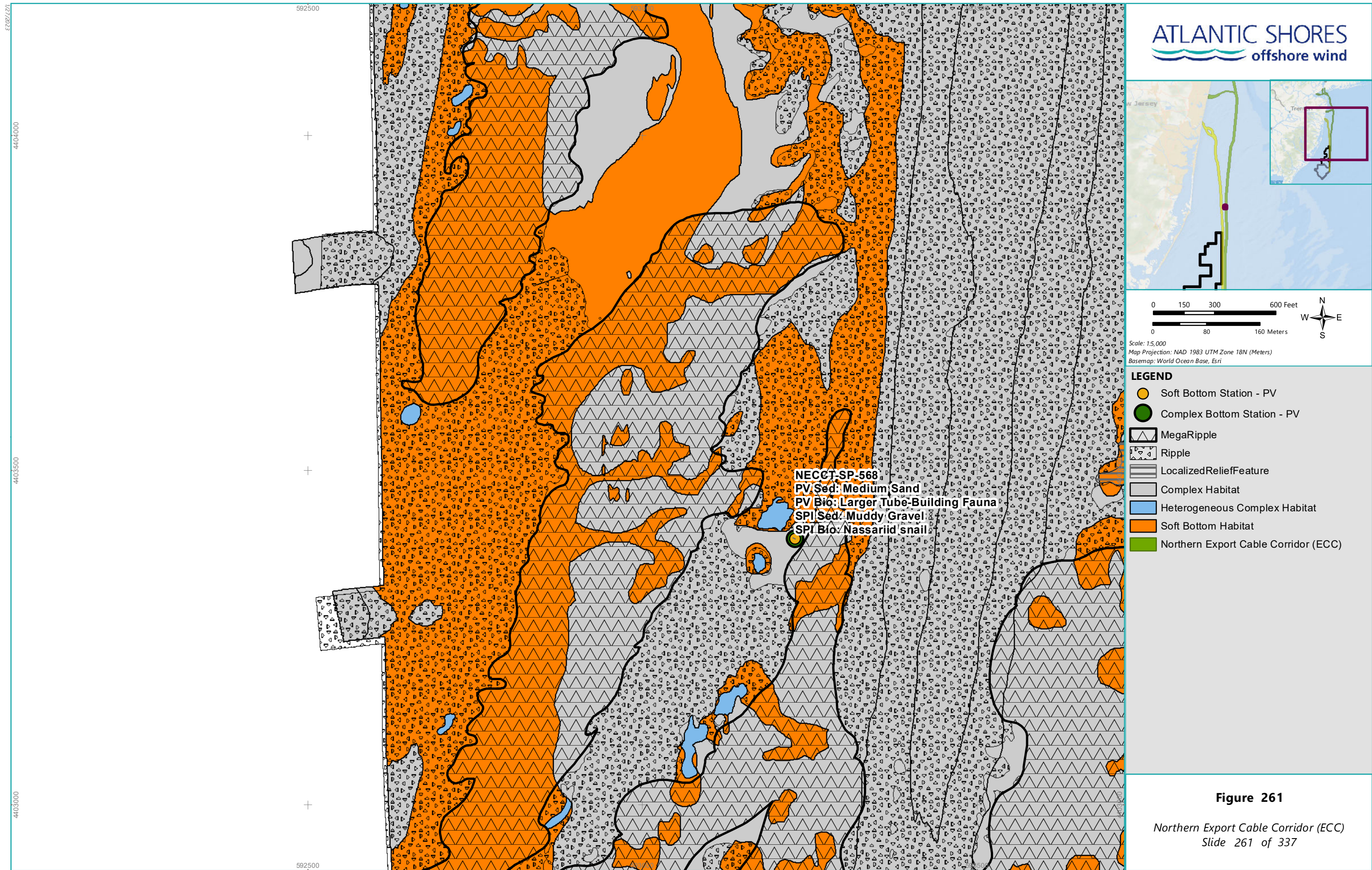
LEGEND

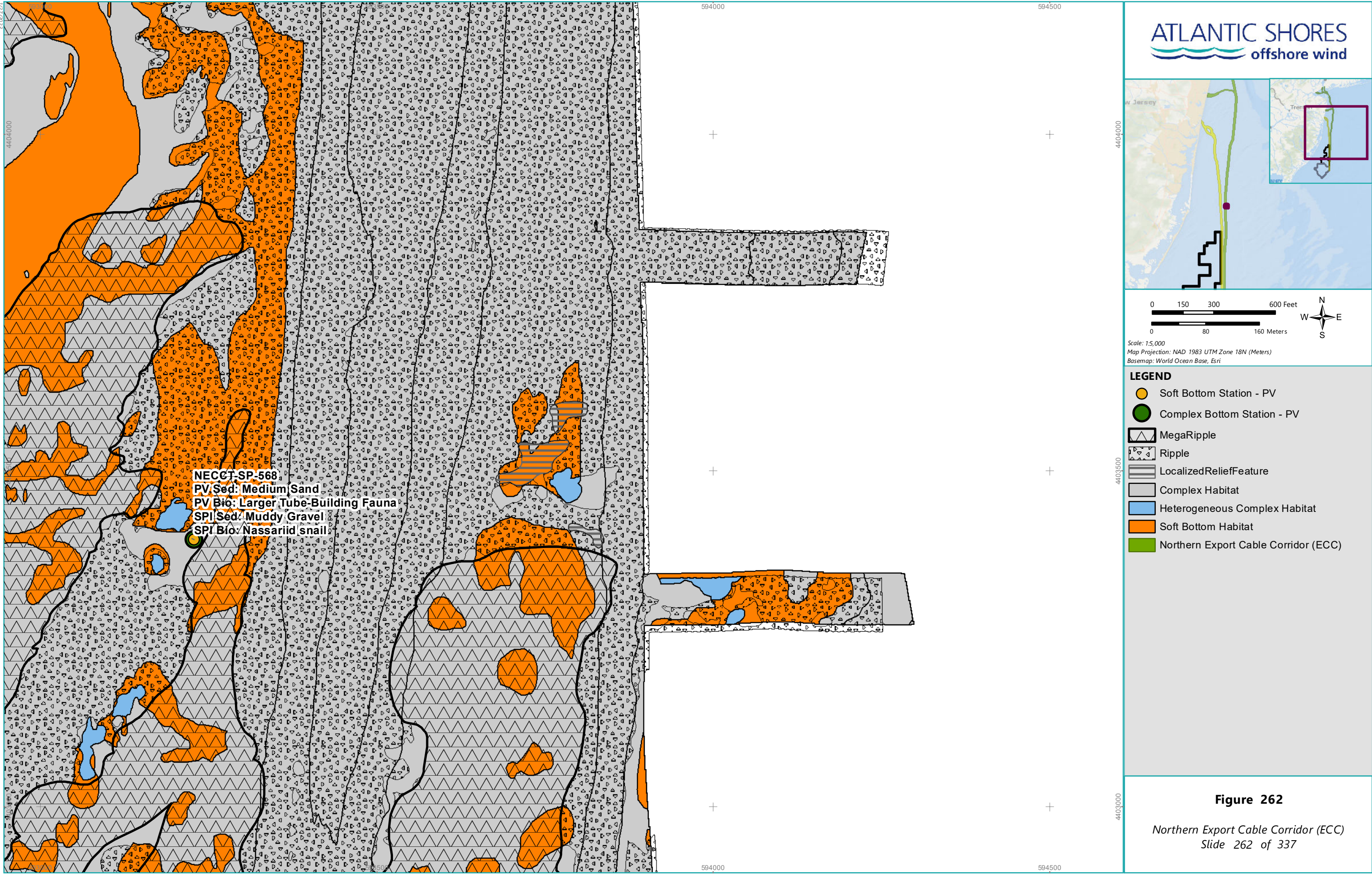
- Soft Bottom Station - PV
- Soft Bottom Station - PV
- MegaRipple
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

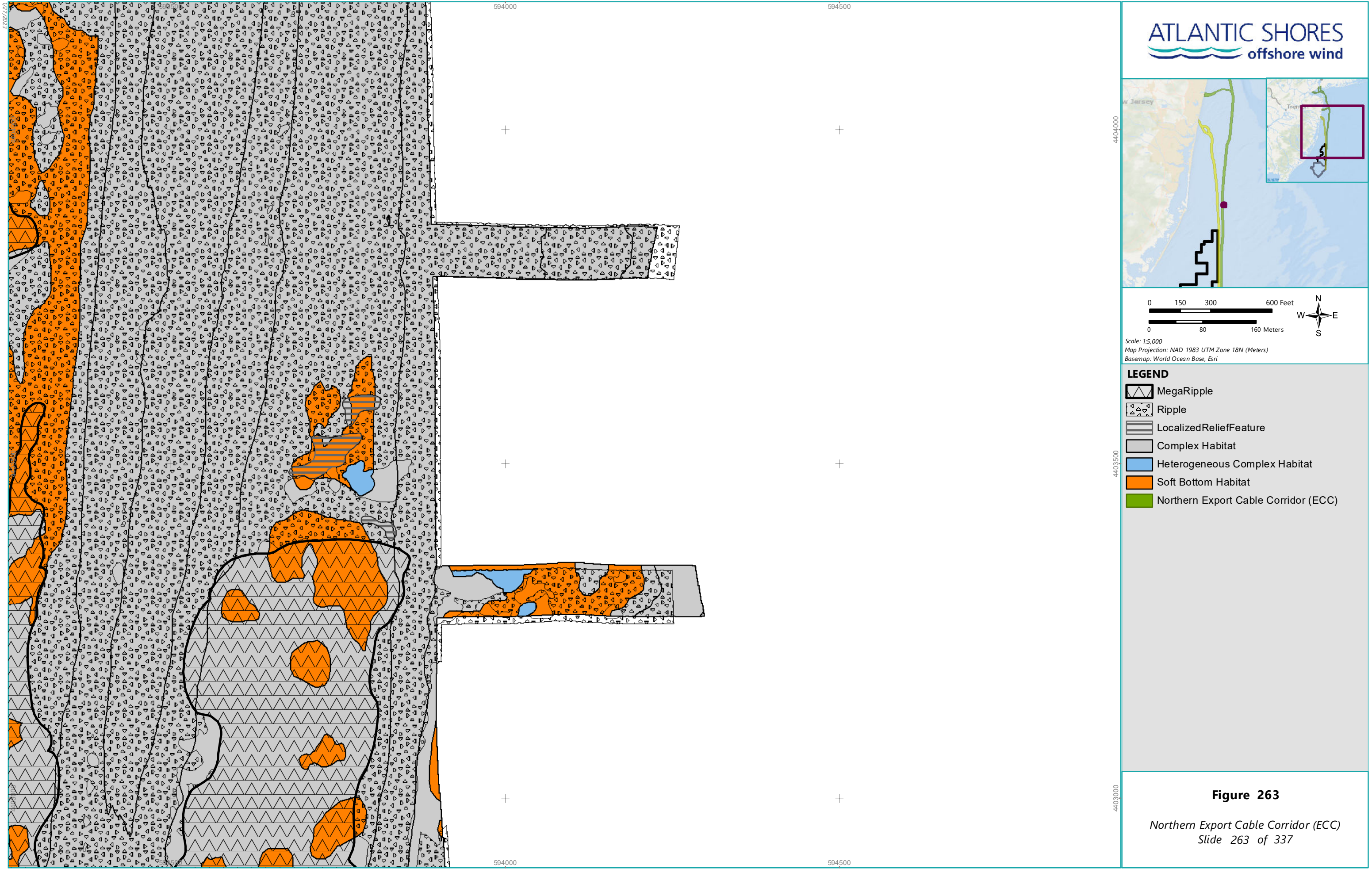
Figure 260

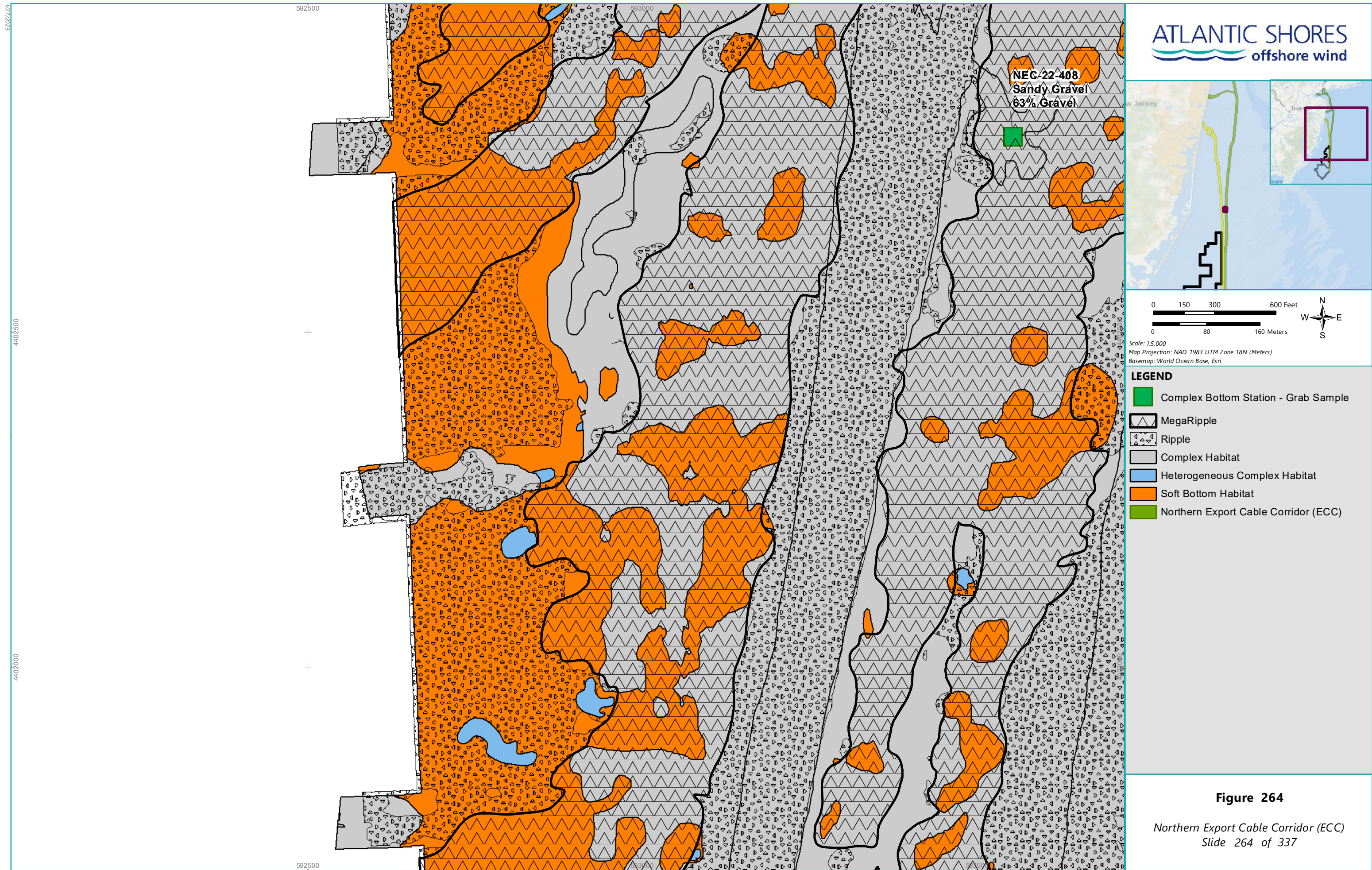
Northern Export Cable Corridor (ECC)

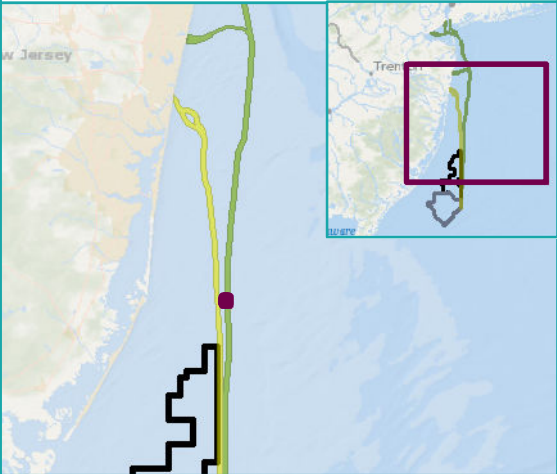
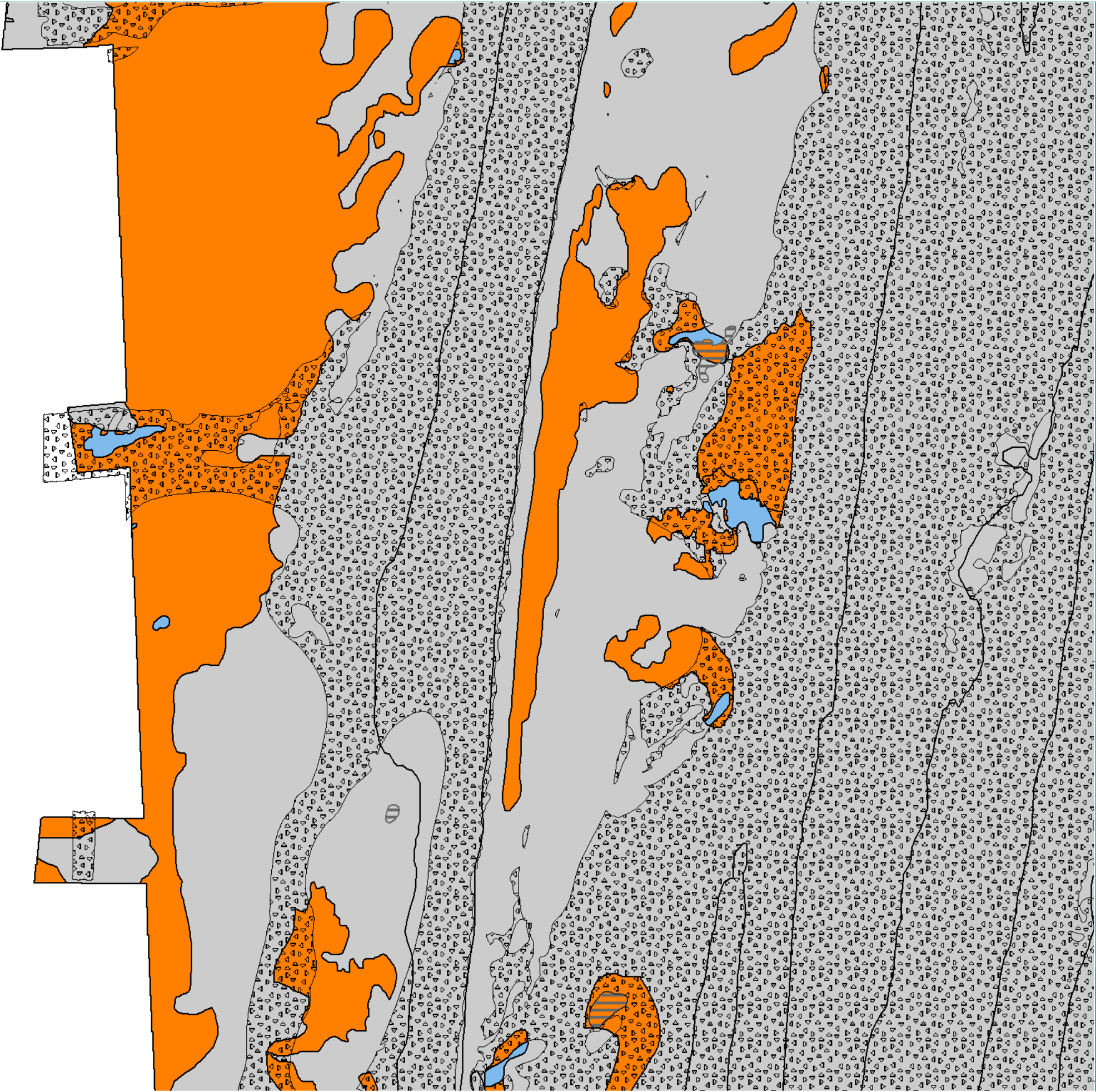
Slide 260 of 337







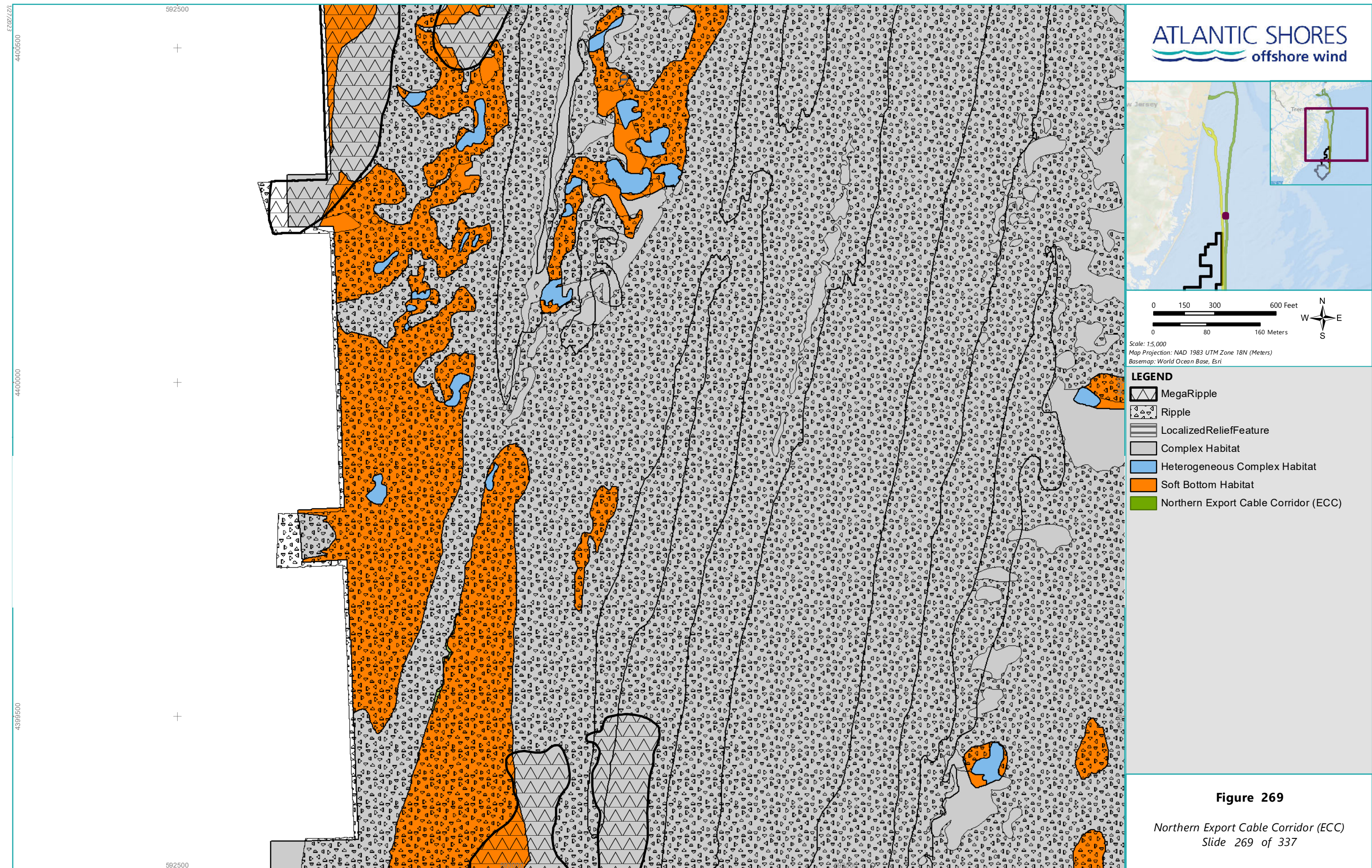


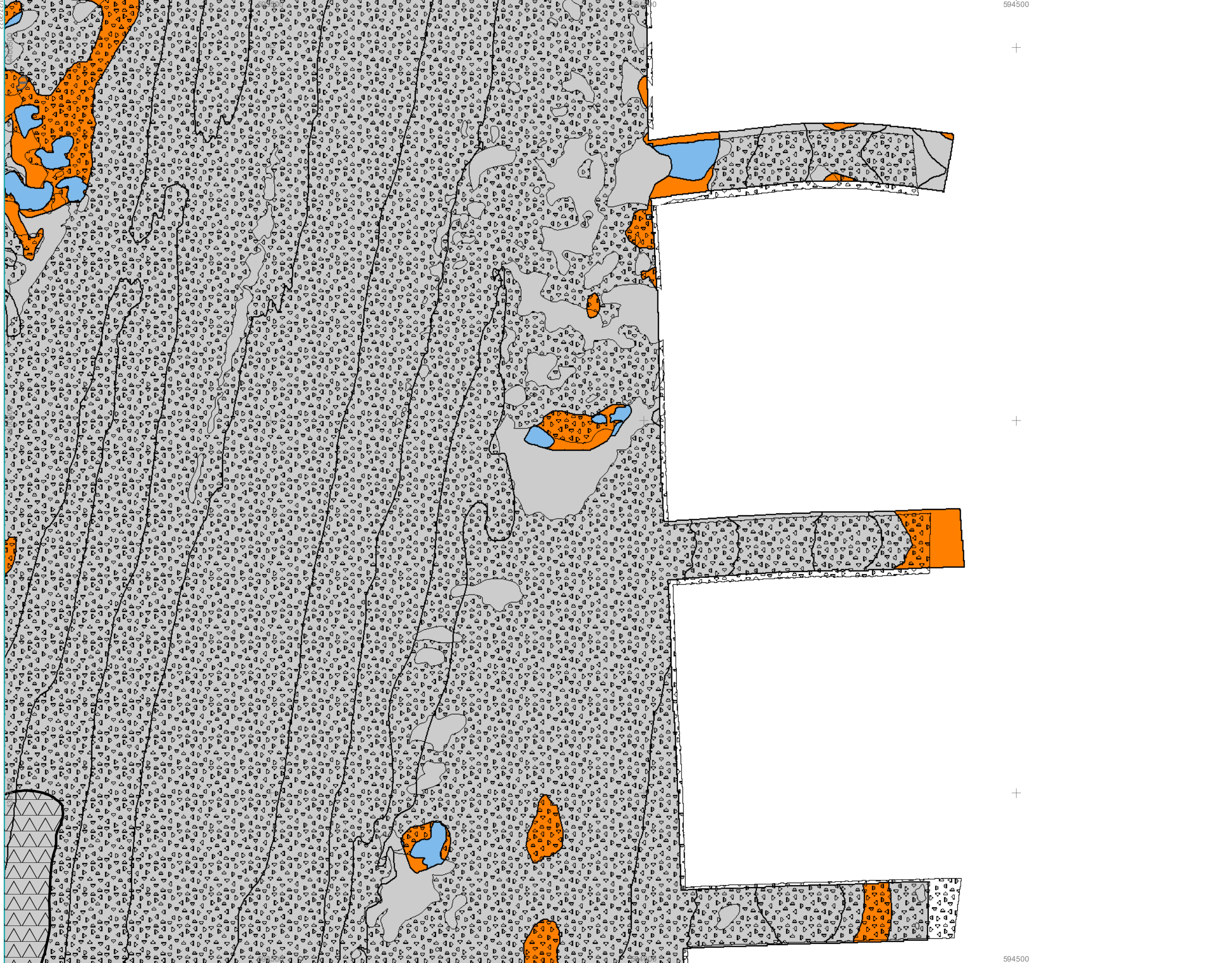


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

Figure 267

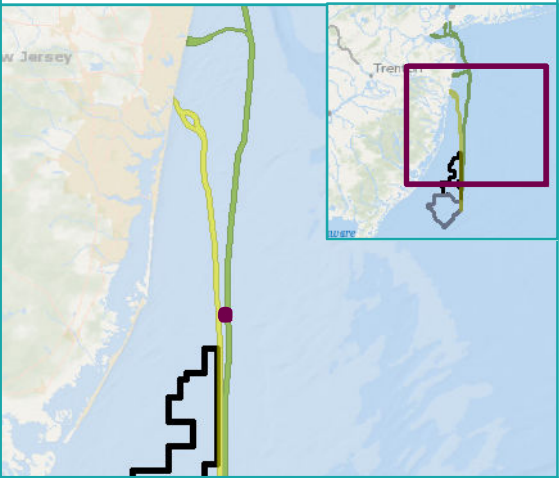
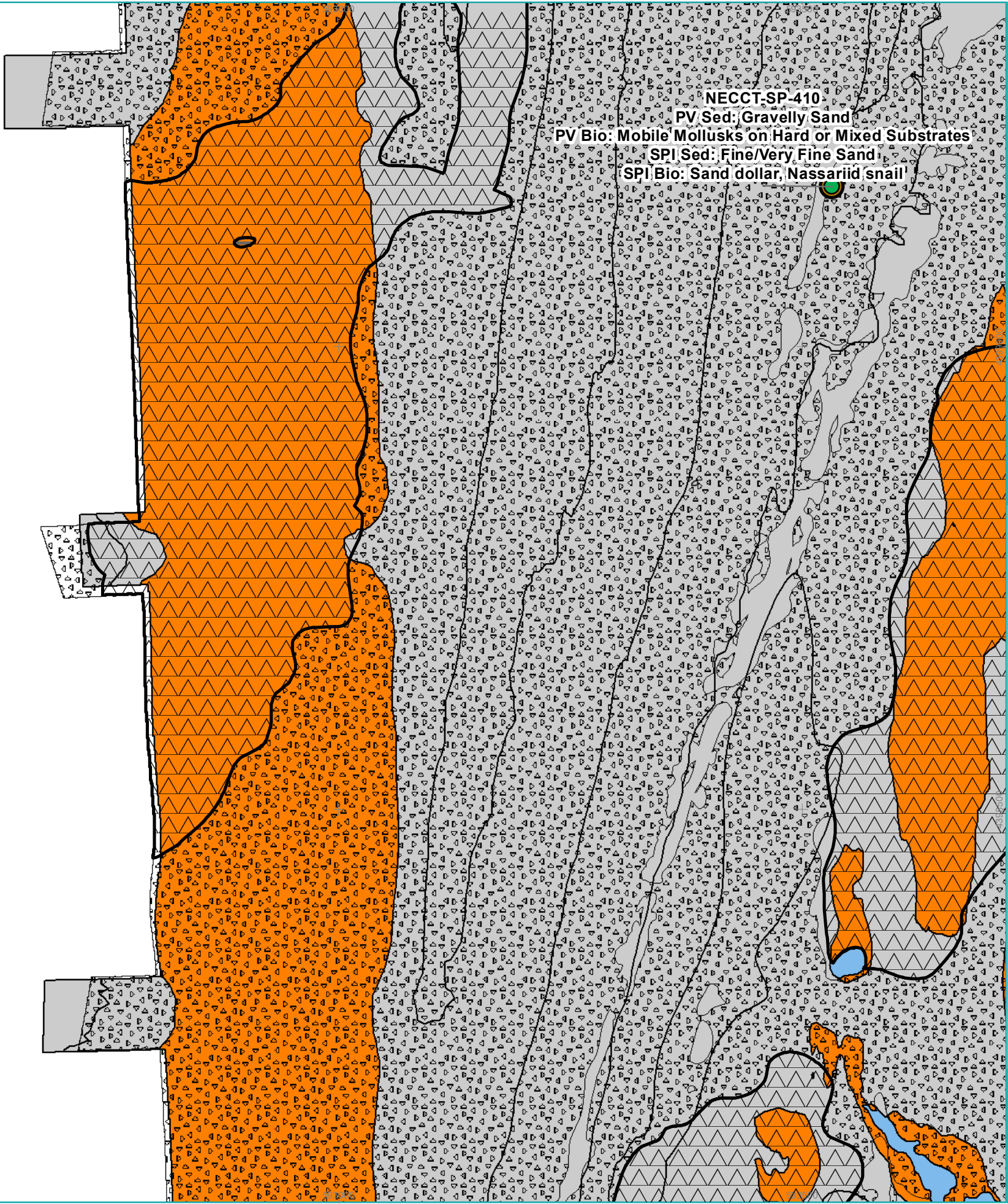




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 270

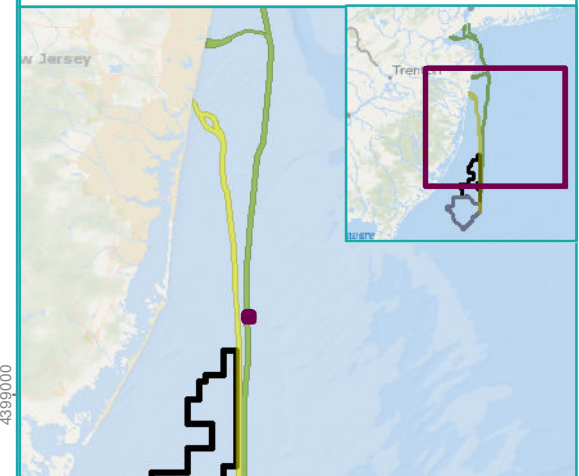


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 271

NECCT-SP-410
PV Sed: Gravelly Sand
PV Bio: Mobile Mollusks on Hard or Mixed Substrates
SPI Sed: Fine/Very Fine Sand
SPI Bio: Sand dollar, Nassariid snail



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- MegaRipple
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 272

Northern Export Cable Corridor (ECC)
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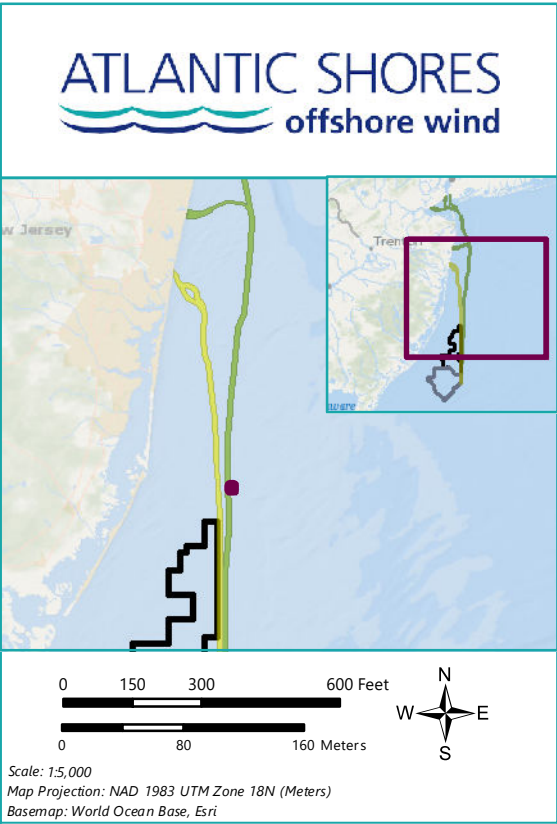
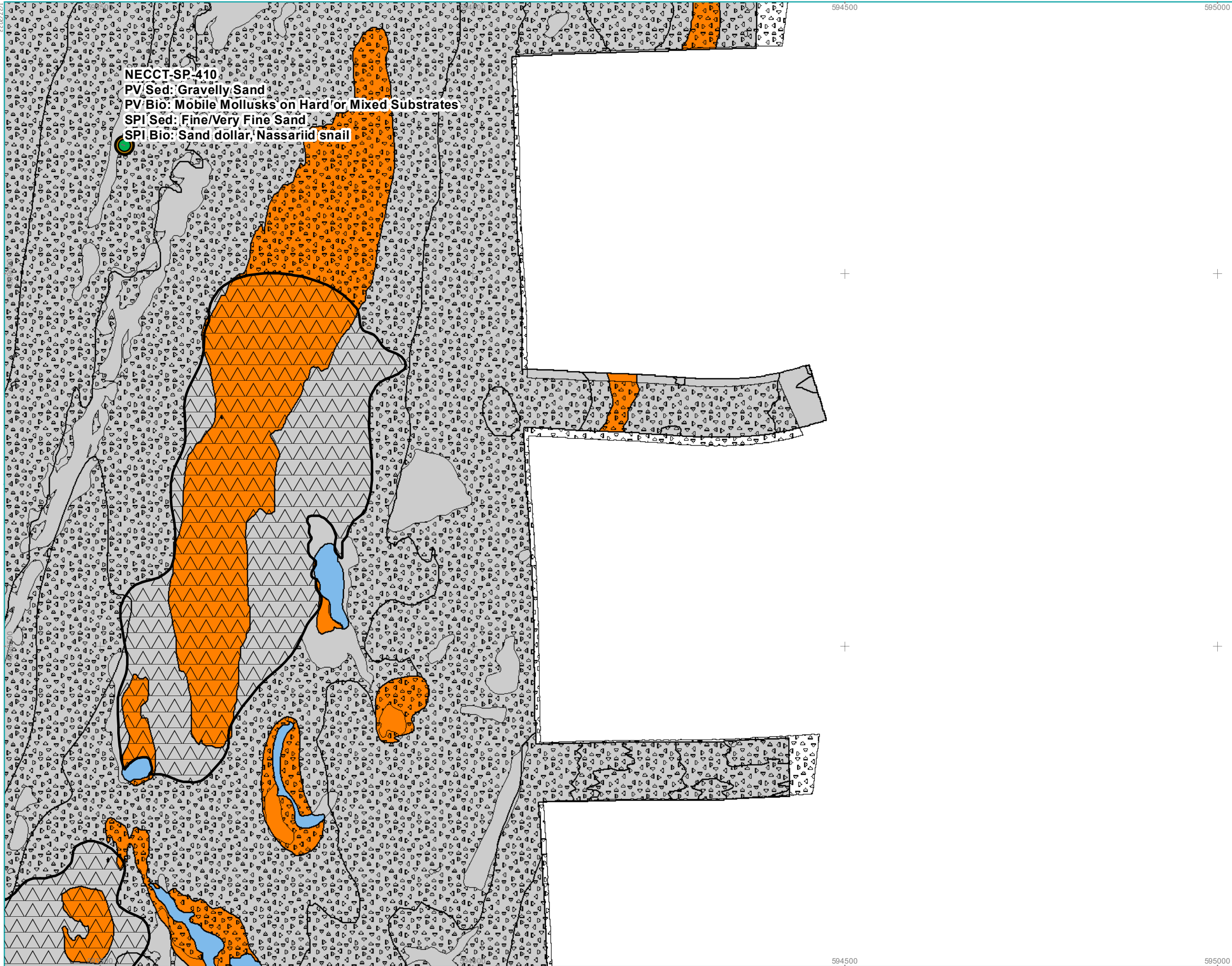
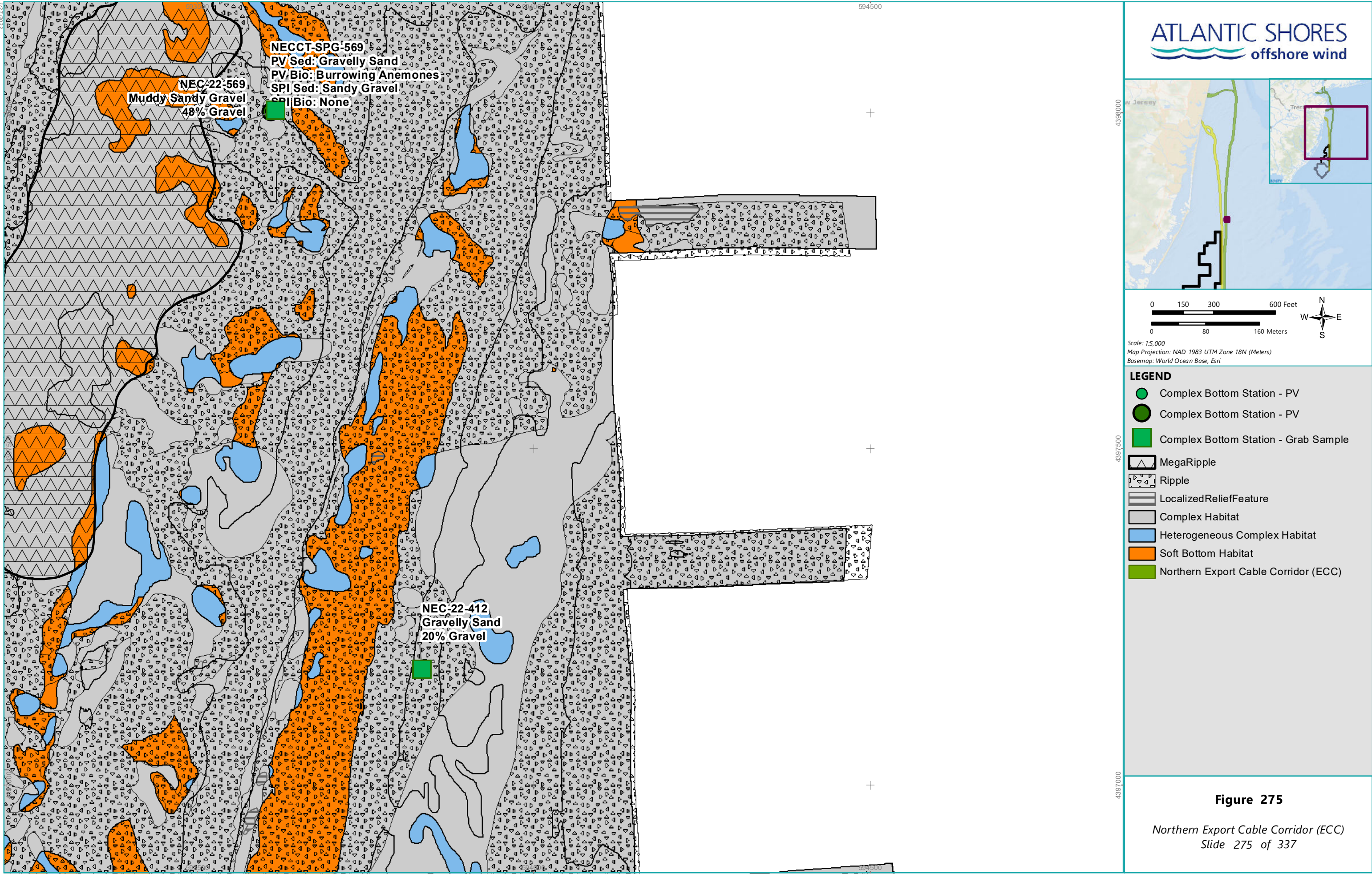
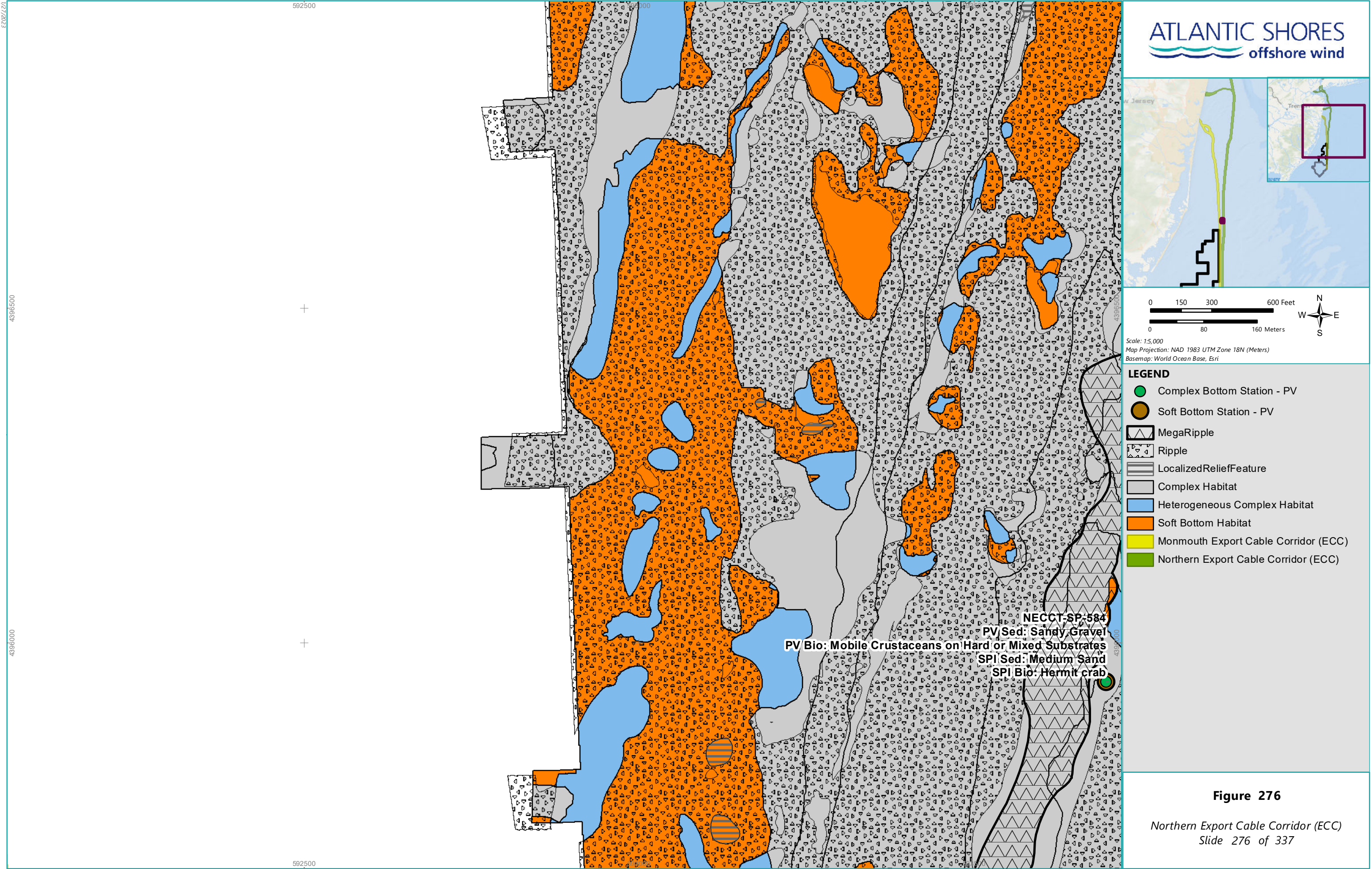


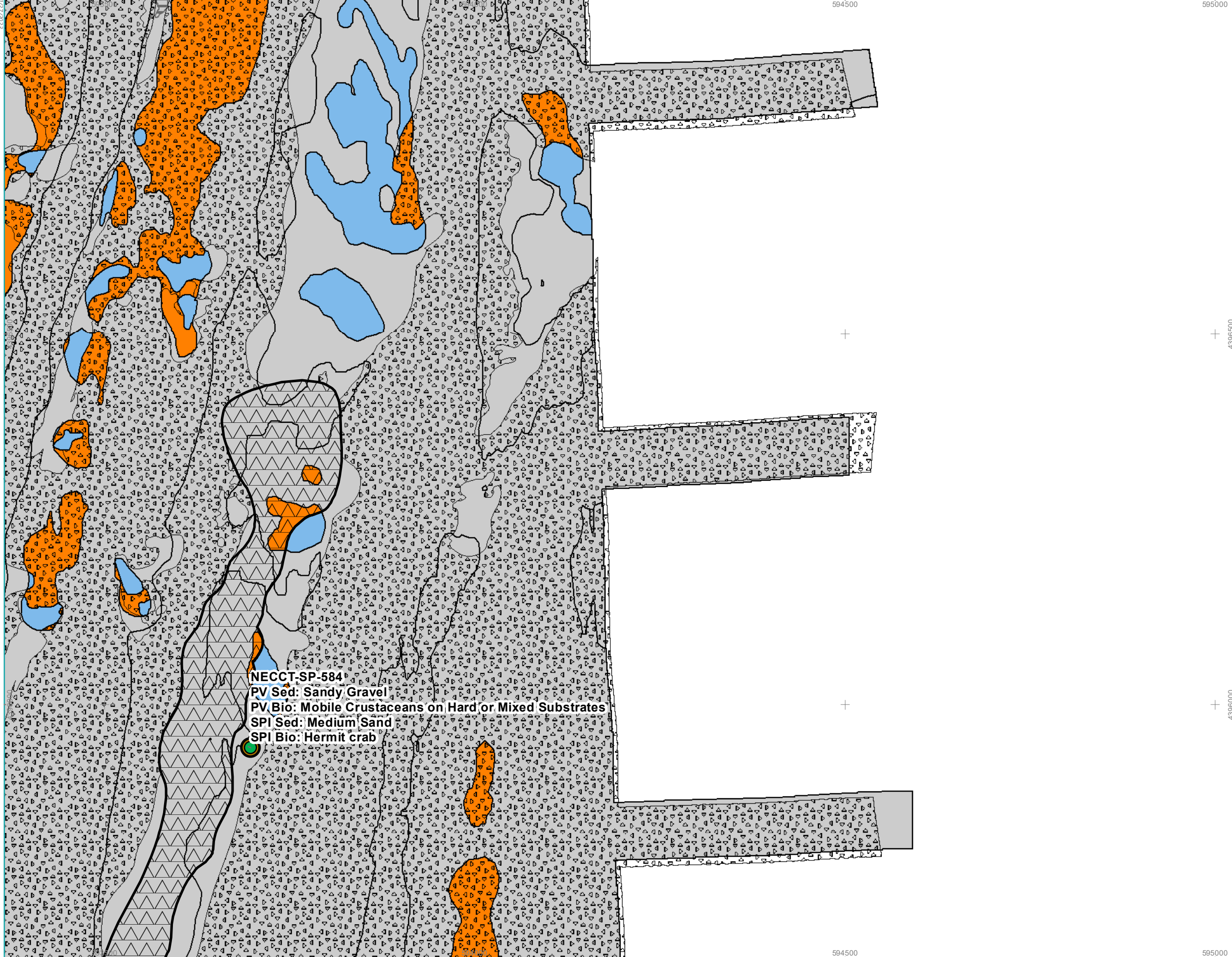
Figure 273

Northern Export Cable Corridor (ECC)

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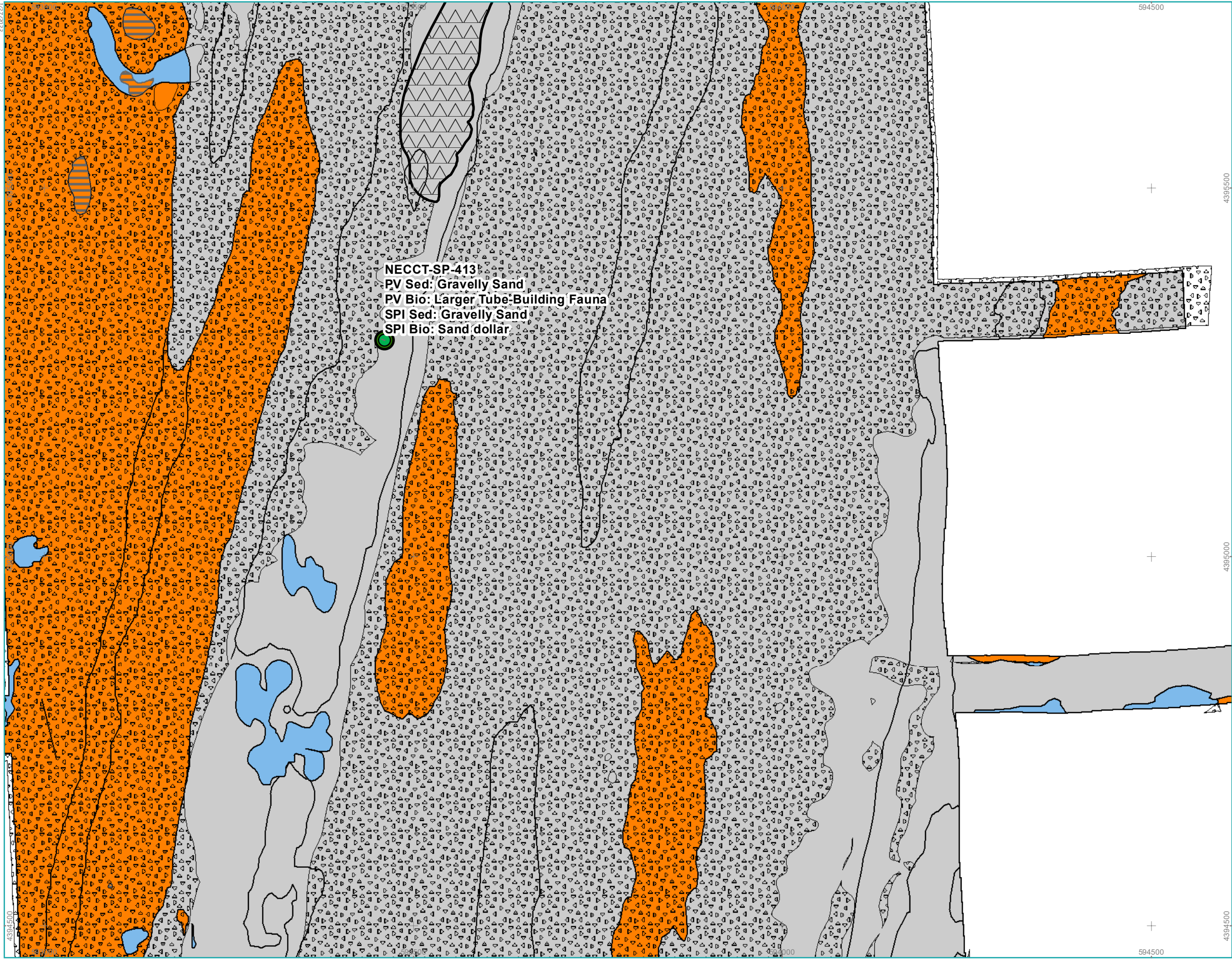


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

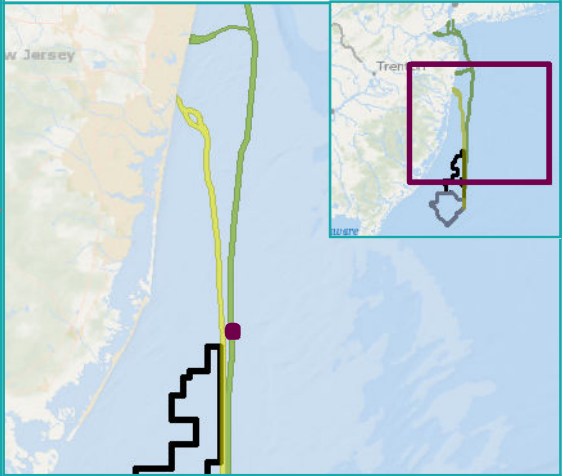
- LEGEND**
- Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - △ MegaRipple
 - ▽ Ripple
 - ▨ LocalizedReliefFeature
 - ▩ Complex Habitat
 - ▒ Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 278

Northern Export Cable Corridor (ECC)
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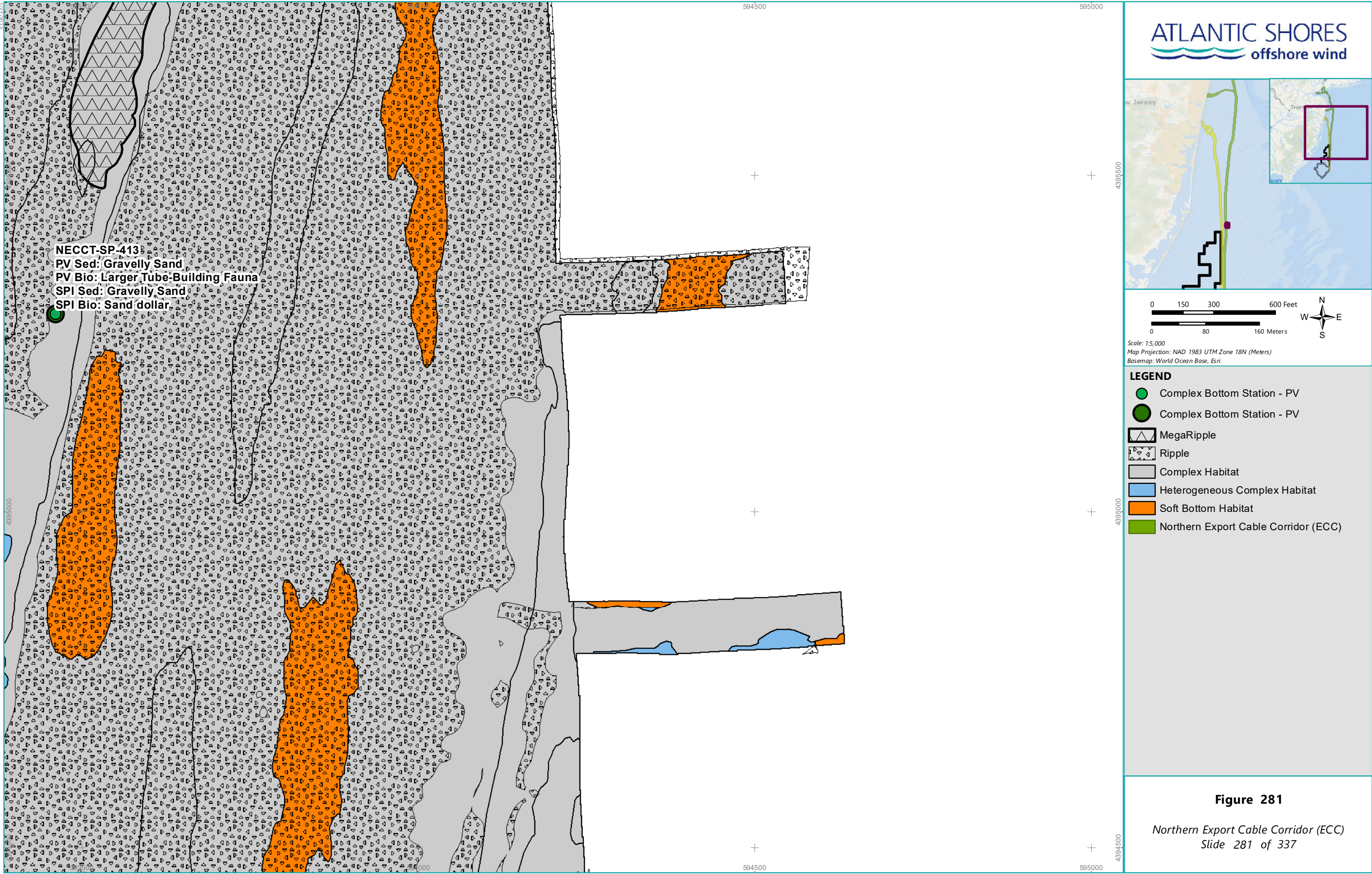
NECCT-SP-413
PV Sed: Gravelly Sand
PV Bio: Larger Tube-Building Fauna
SPI Sed: Gravelly Sand
SPI Bio: Sand dollar

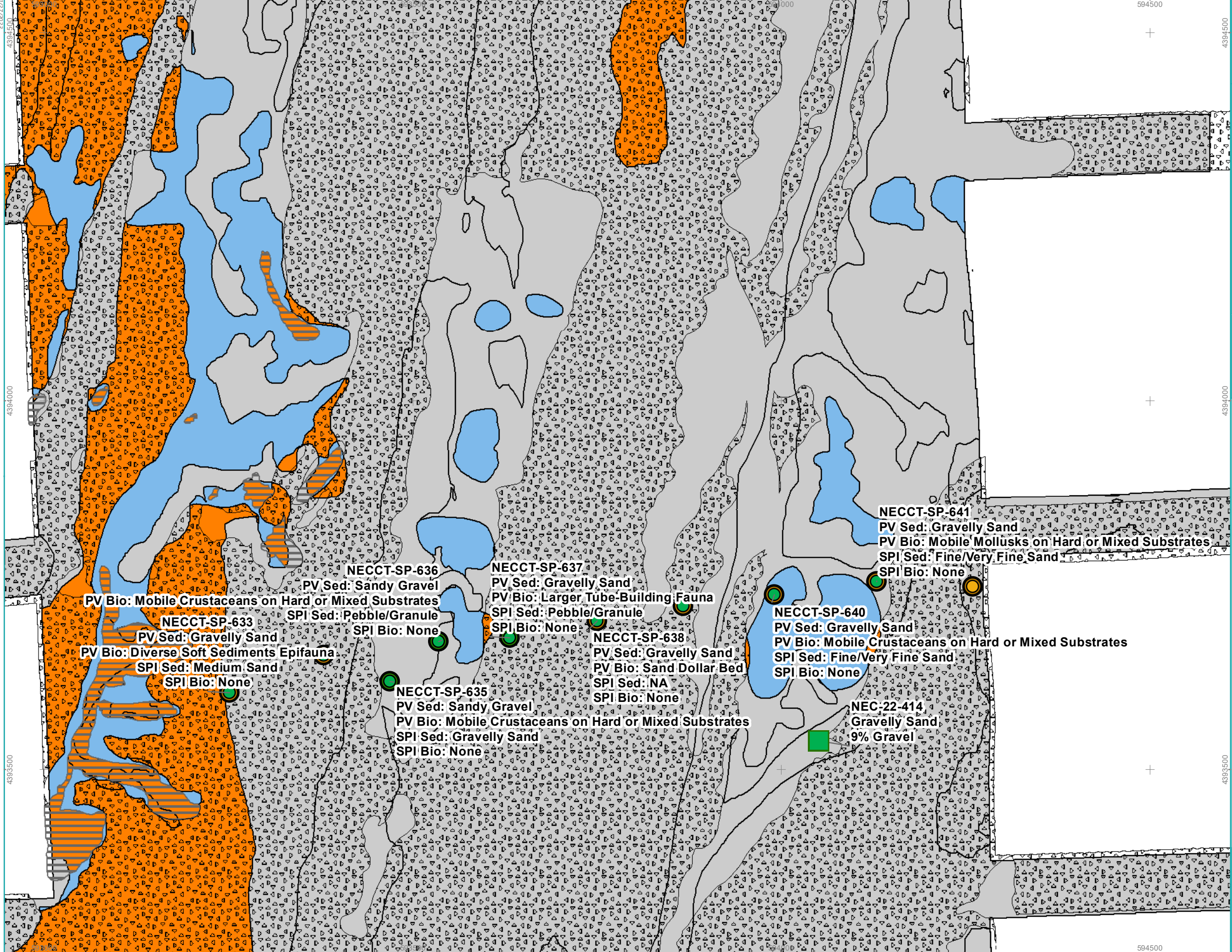


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Complex Bottom Station - PV
 - Complex Bottom Station - PV
 - MegaRipple
 - Ripple
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 280





Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - Grab Sample
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 283

Northern Export Cable Corridor (ECC)

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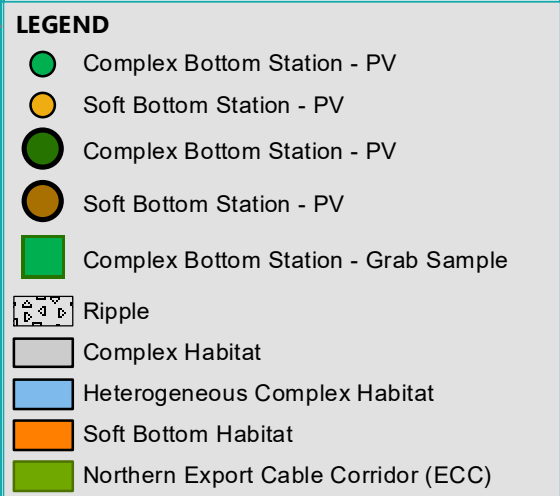
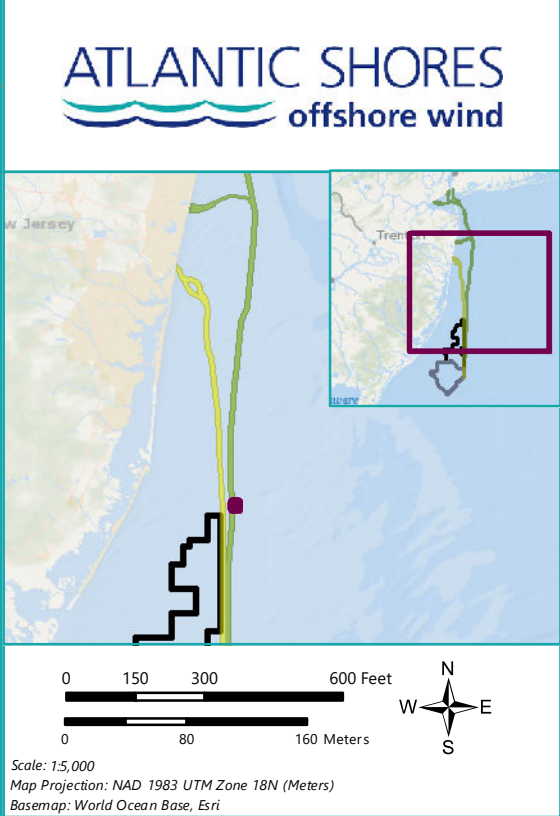
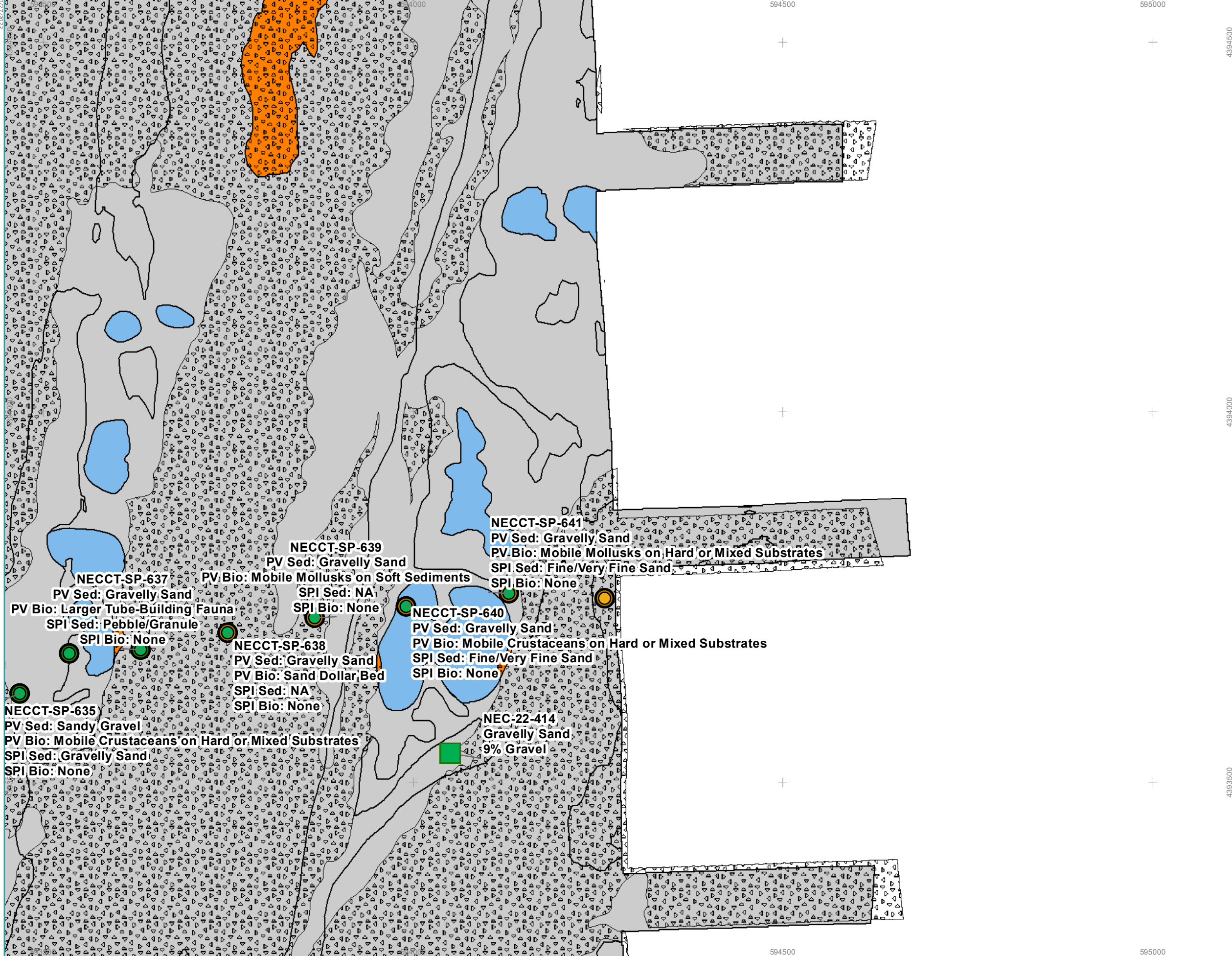
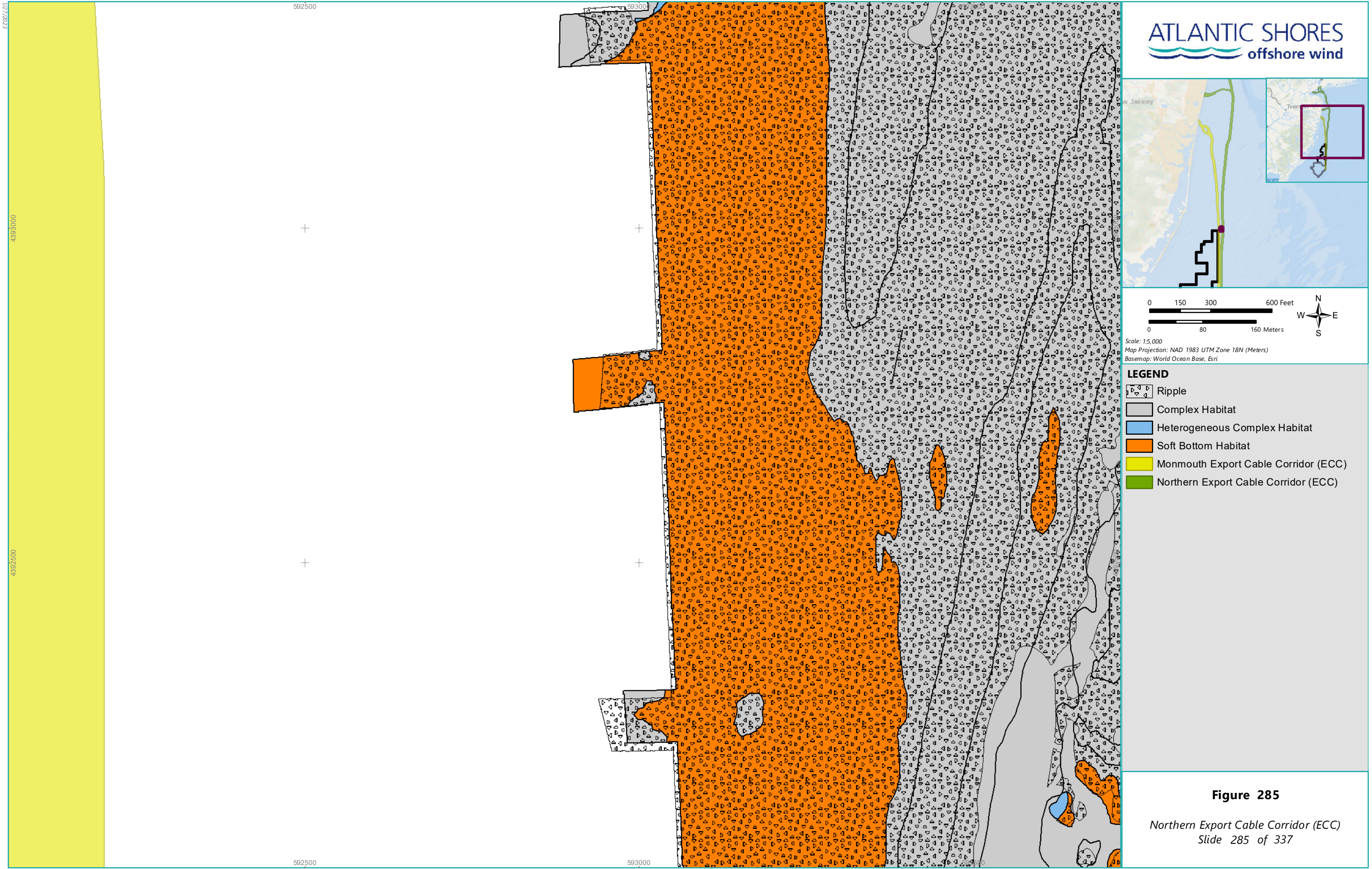


Figure 284

Northern Export Cable Corridor (ECC)

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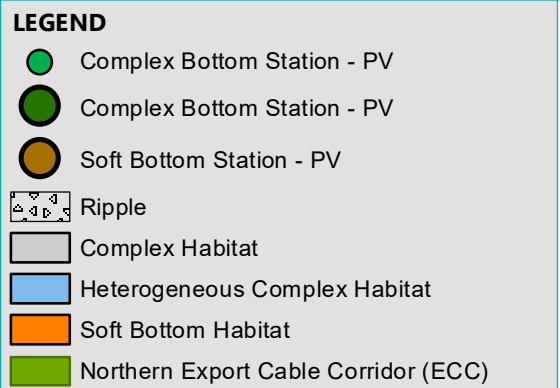
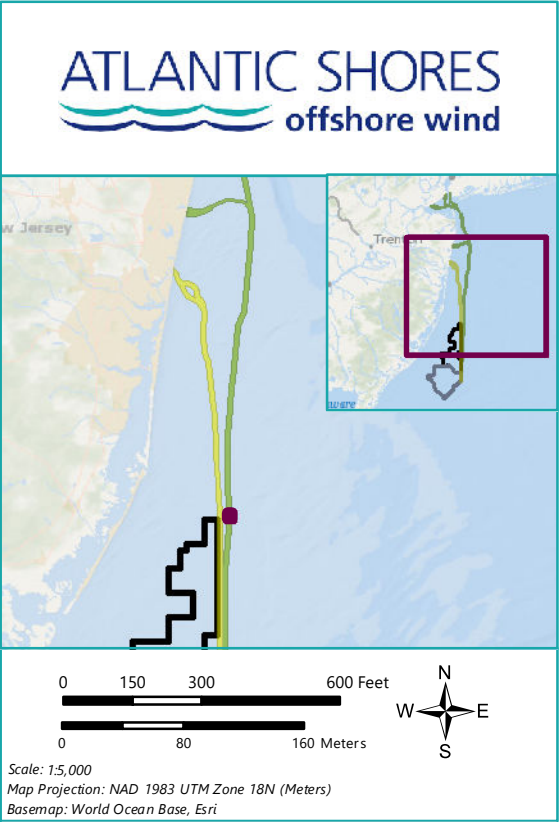
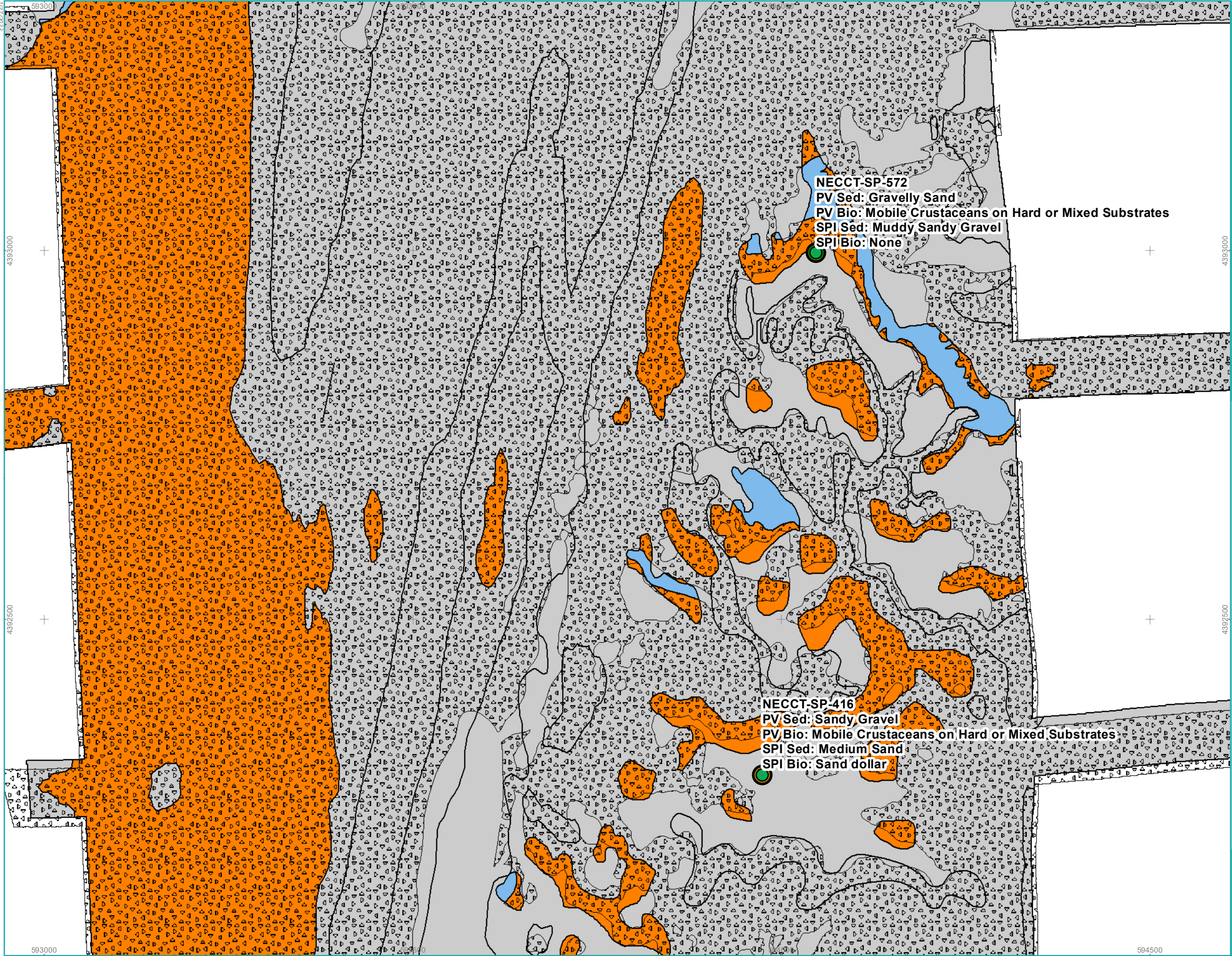
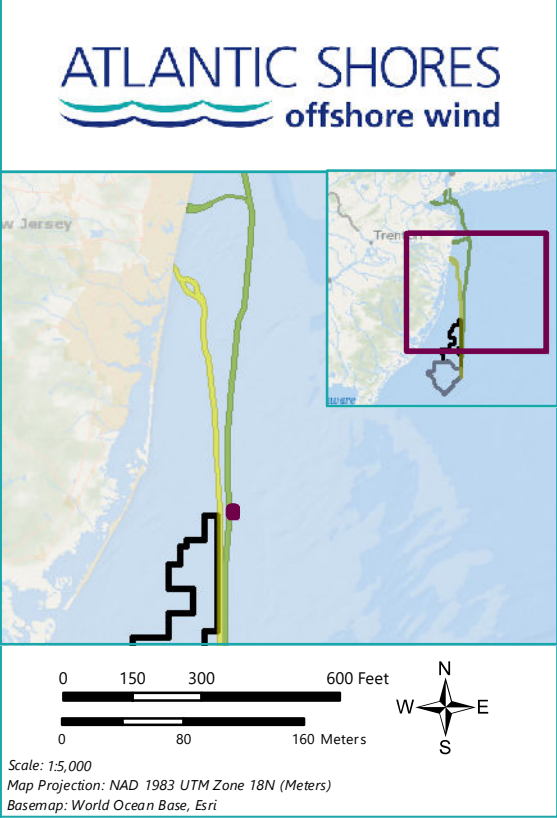


Figure 286



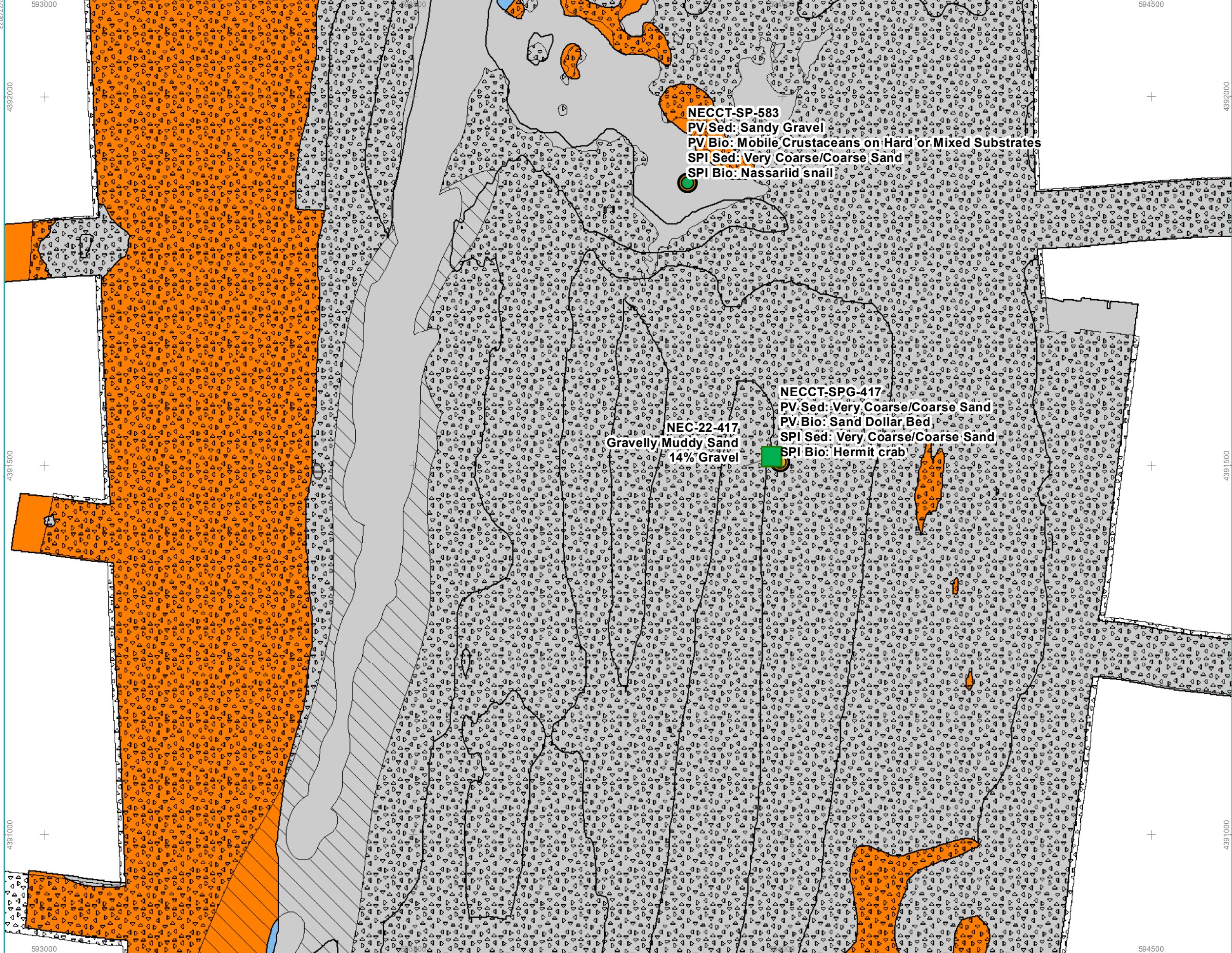
- LEGEND**
- Complex Bottom Station - PV
 - Complex Bottom Station - PV
 - Soft Bottom Station - PV
 - ▨ Ripple
 - ▨ Complex Habitat
 - ▨ Heterogeneous Complex Habitat
 - ▨ Soft Bottom Habitat
 - ▨ Northern Export Cable Corridor (ECC)

Figure 287

Northern Export Cable Corridor (ECC)

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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

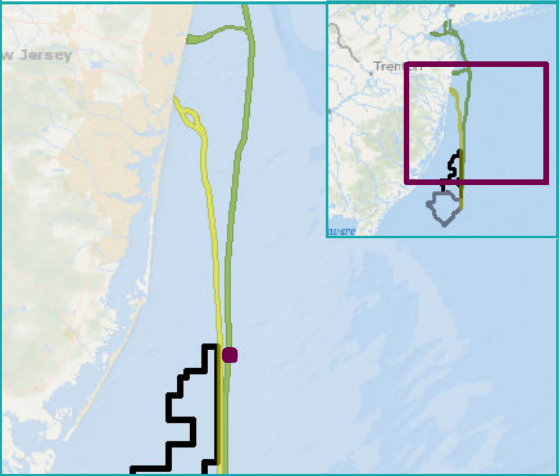
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - Grab Sample
- Ripple
- SandWave
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 289

Northern Export Cable Corridor (ECC)

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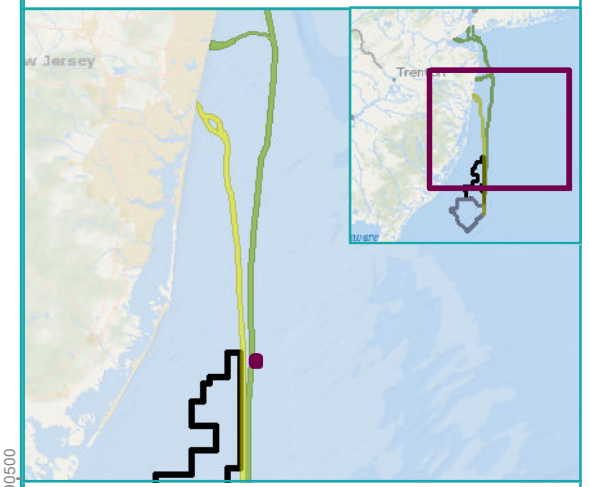
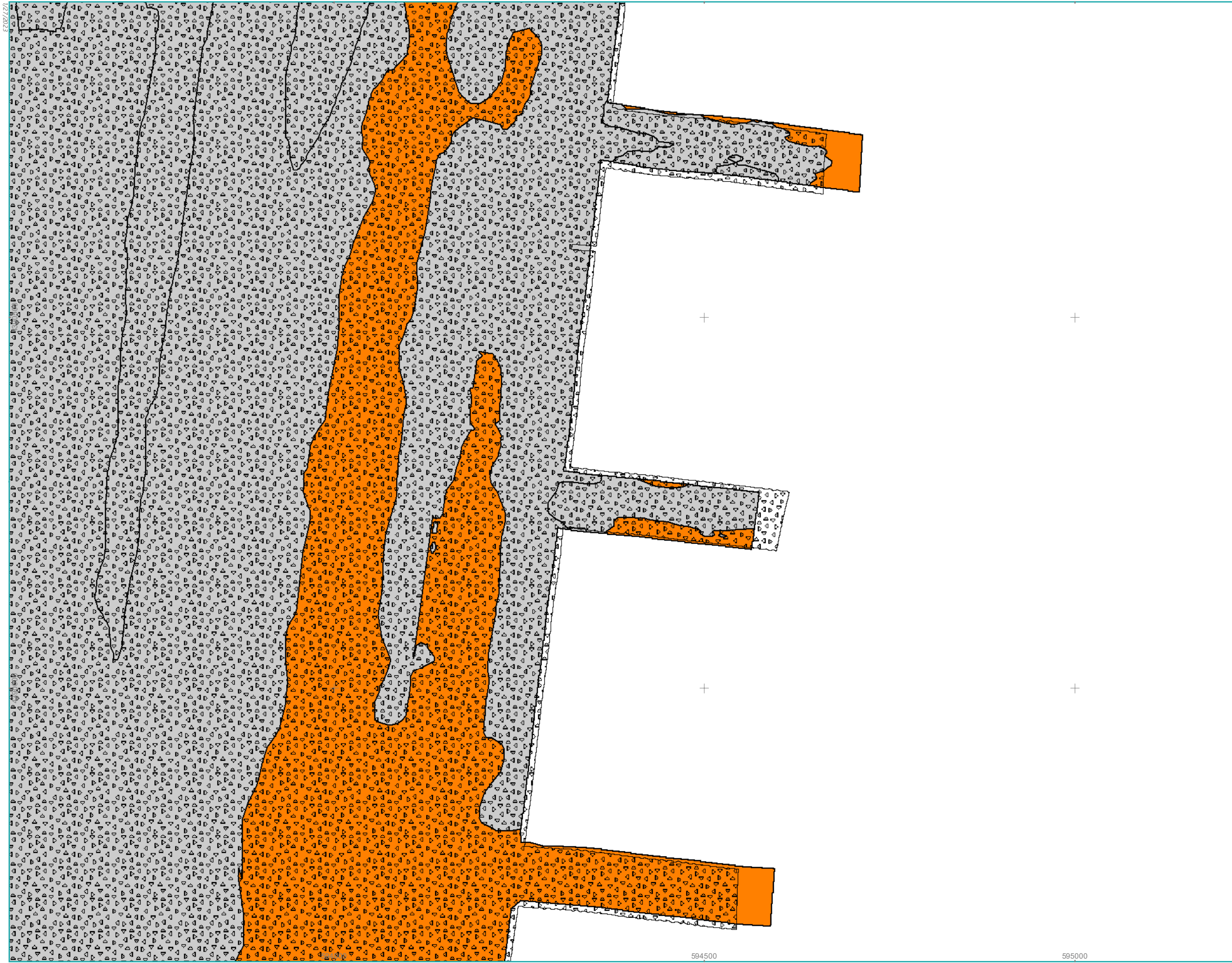


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 292

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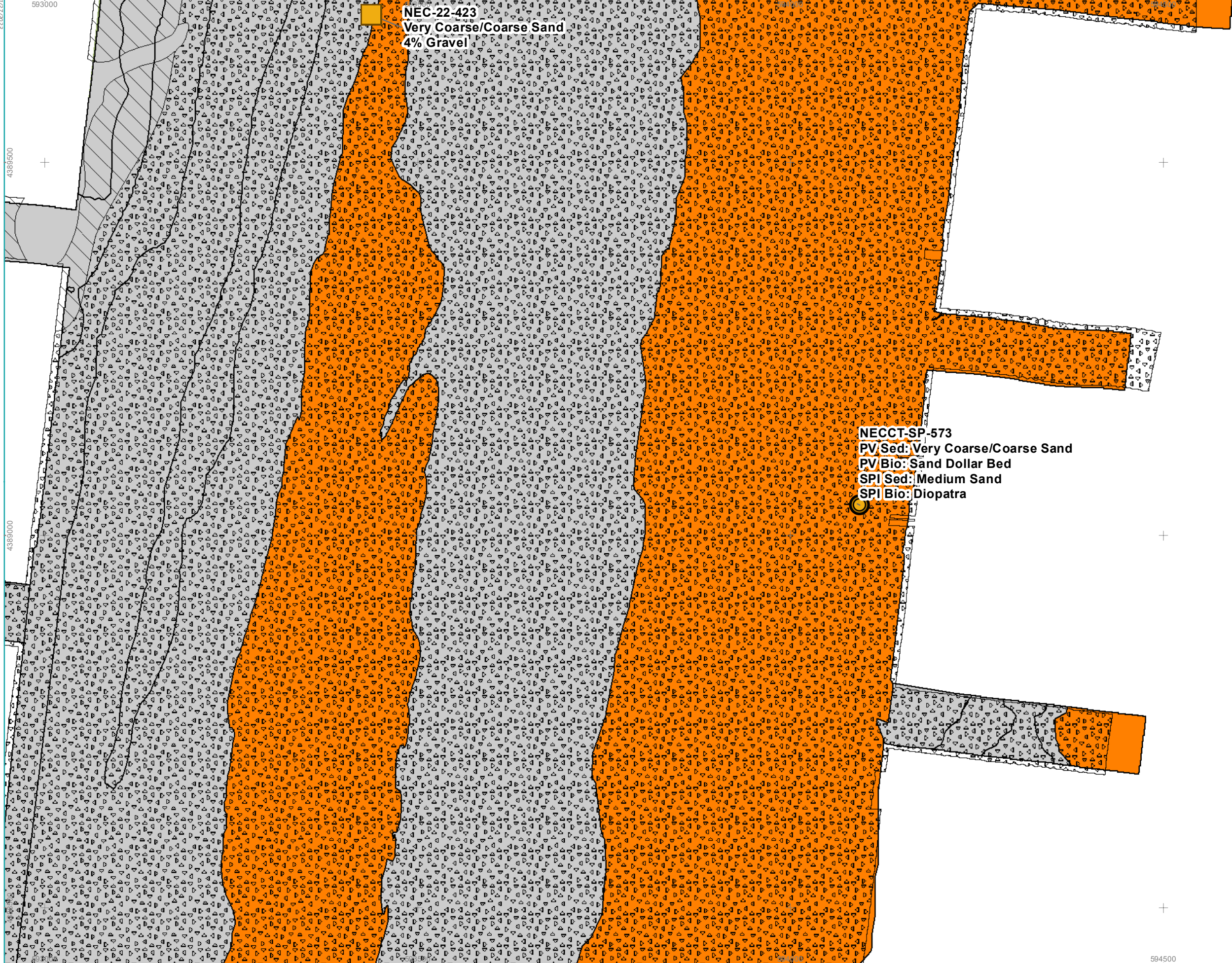
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
-  Ripple
 -  Complex Habitat
 -  Soft Bottom Habitat
 -  Northern Export Cable Corridor (ECC)

Figure 293

Northern Export Cable Corridor (ECC)
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0150300600

080160

0

150

300

600

0

80

160

N

E

S

W

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

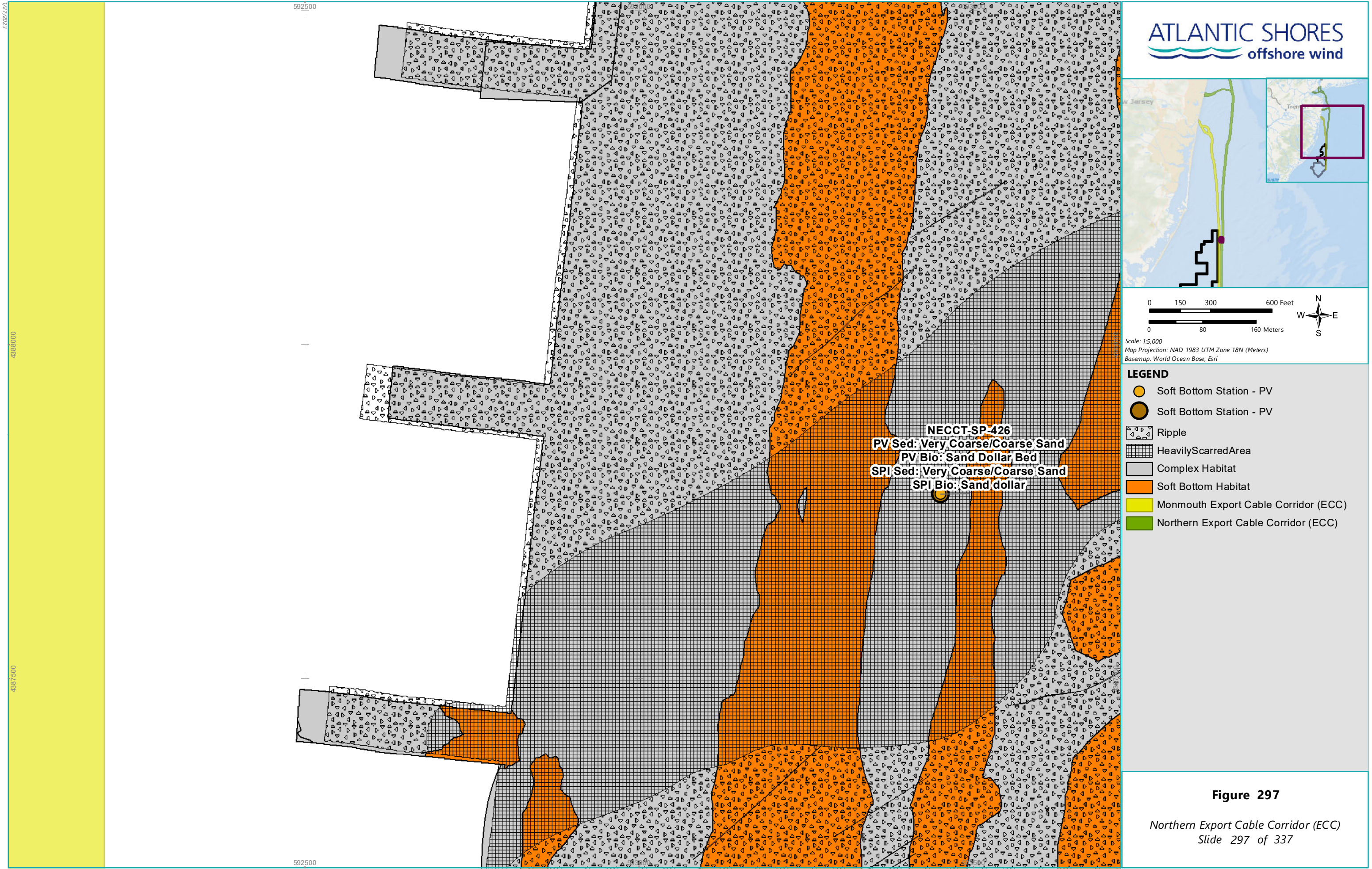
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

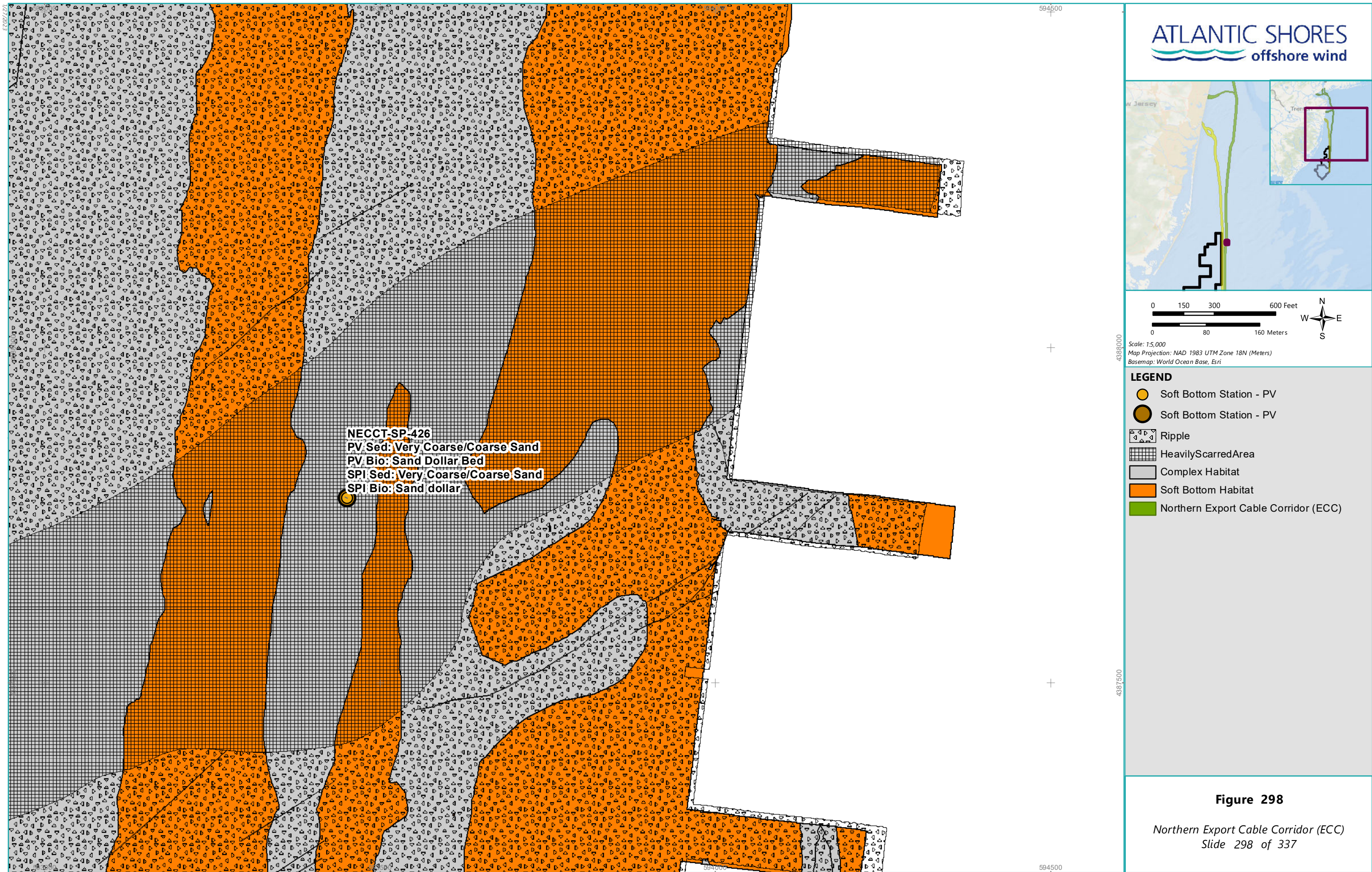
Figure 295

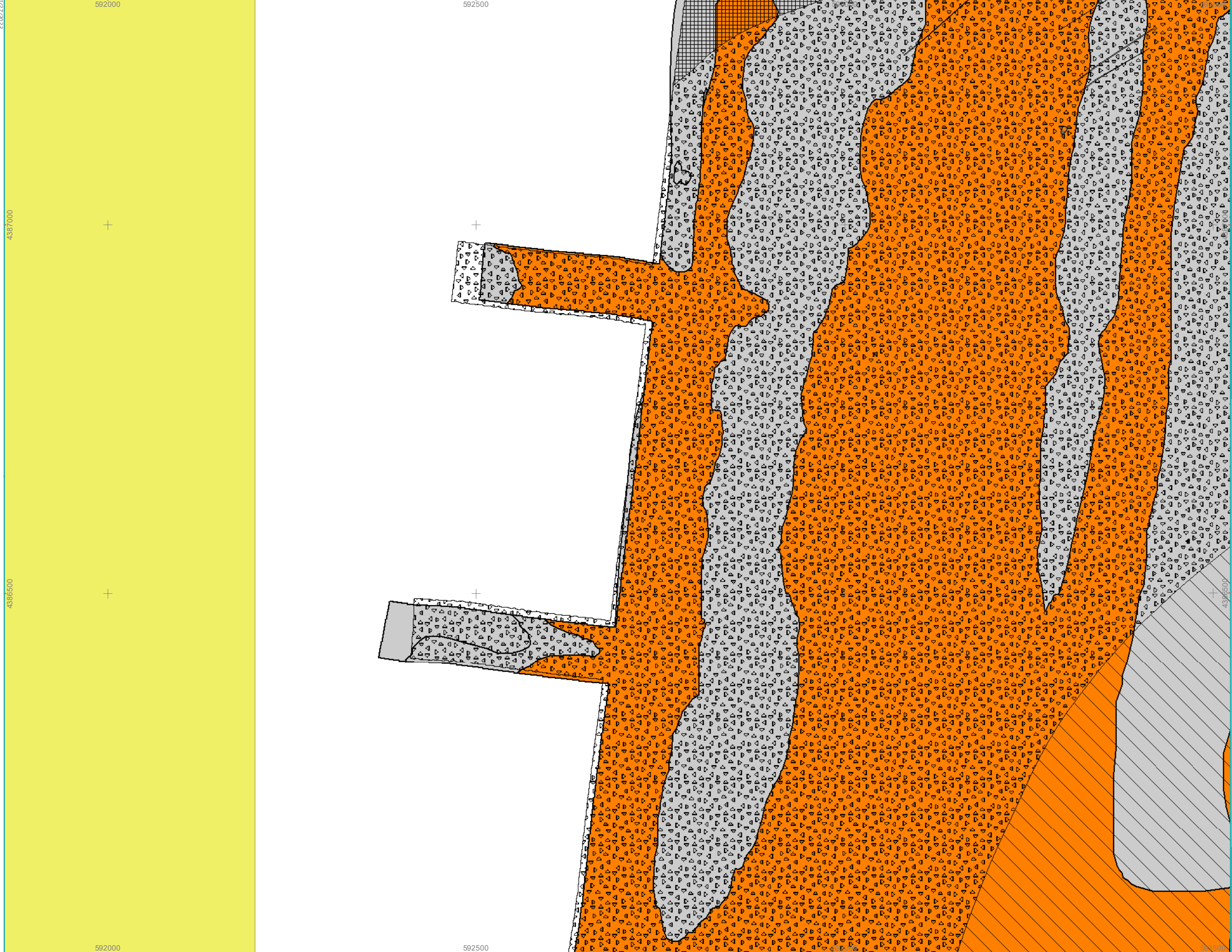
Northern Export Cable Corridor (ECC)

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ATLANTIC SHORES
offshore wind

Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

0 150 300 600 Feet
0 80 160 Meters

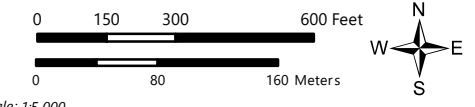
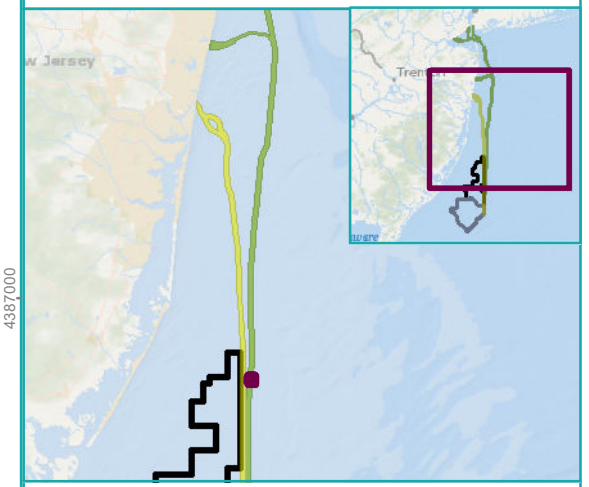
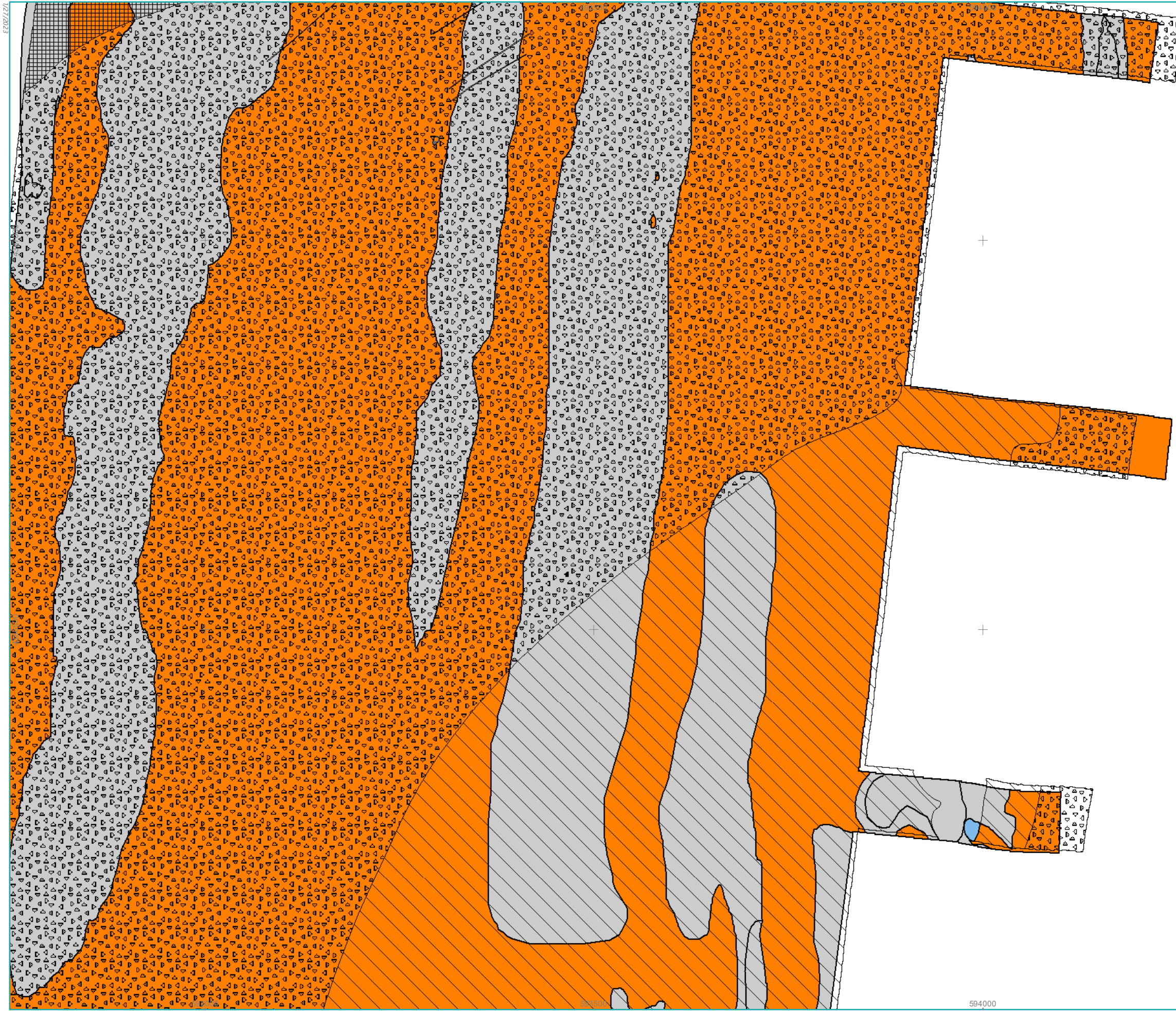
N
W E
S

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - HeavilyScarredArea
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

Figure 300

Northern Export Cable Corridor (ECC)
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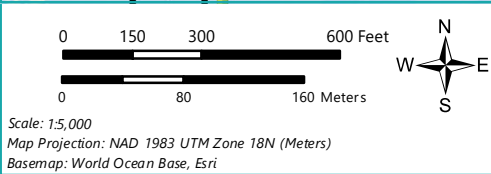
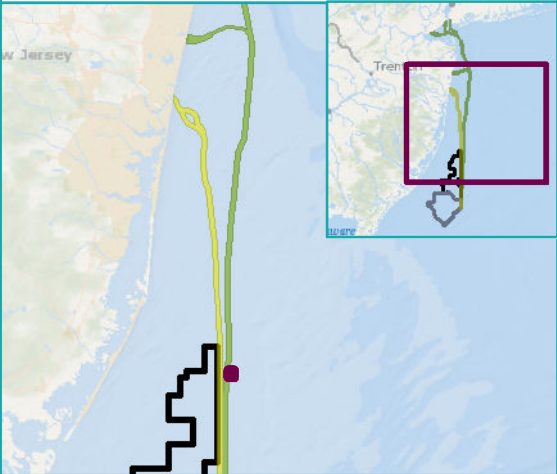
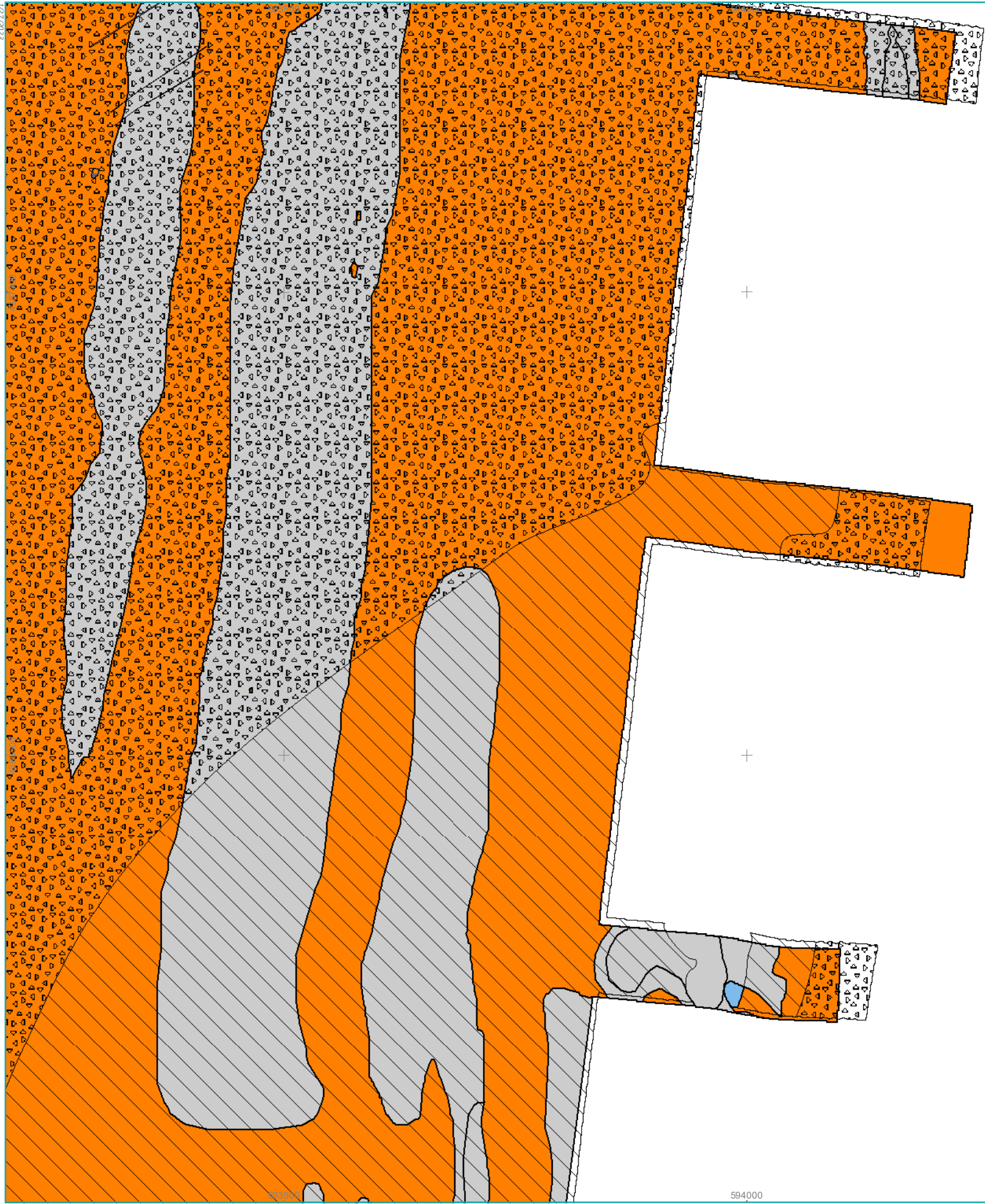


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - HeavilyScarredArea
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 301

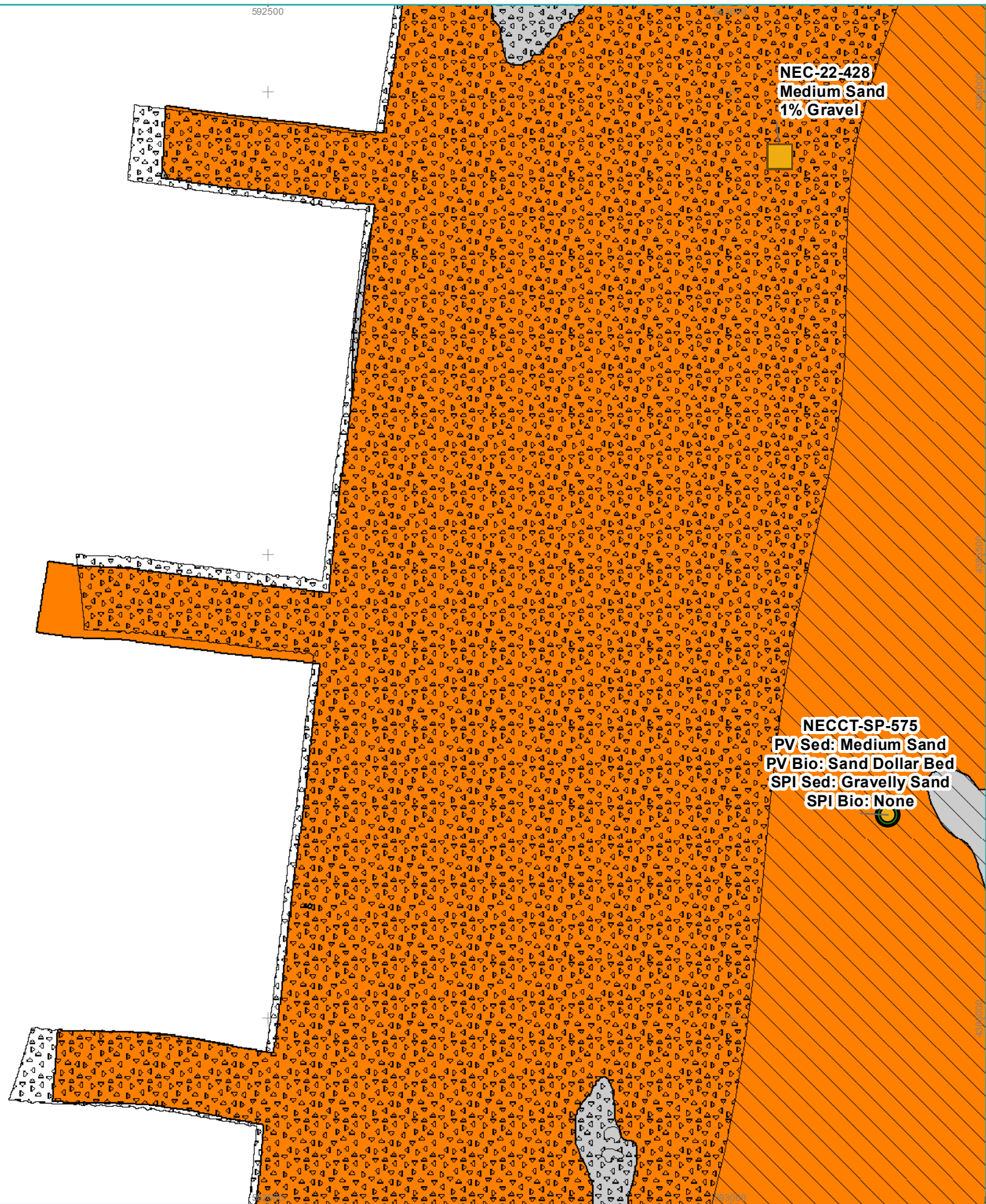
Northern Export Cable Corridor (ECC)
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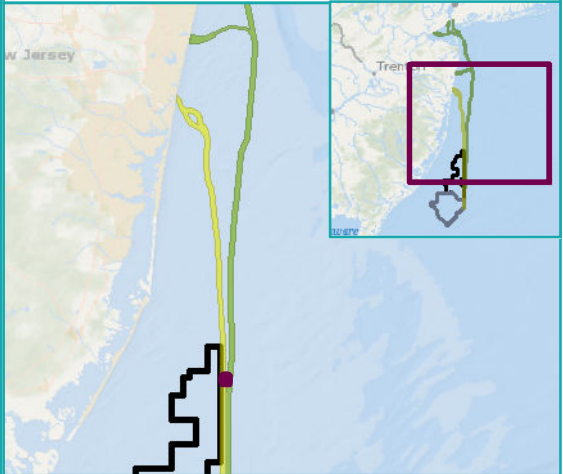


- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 302

Northern Export Cable Corridor (ECC)
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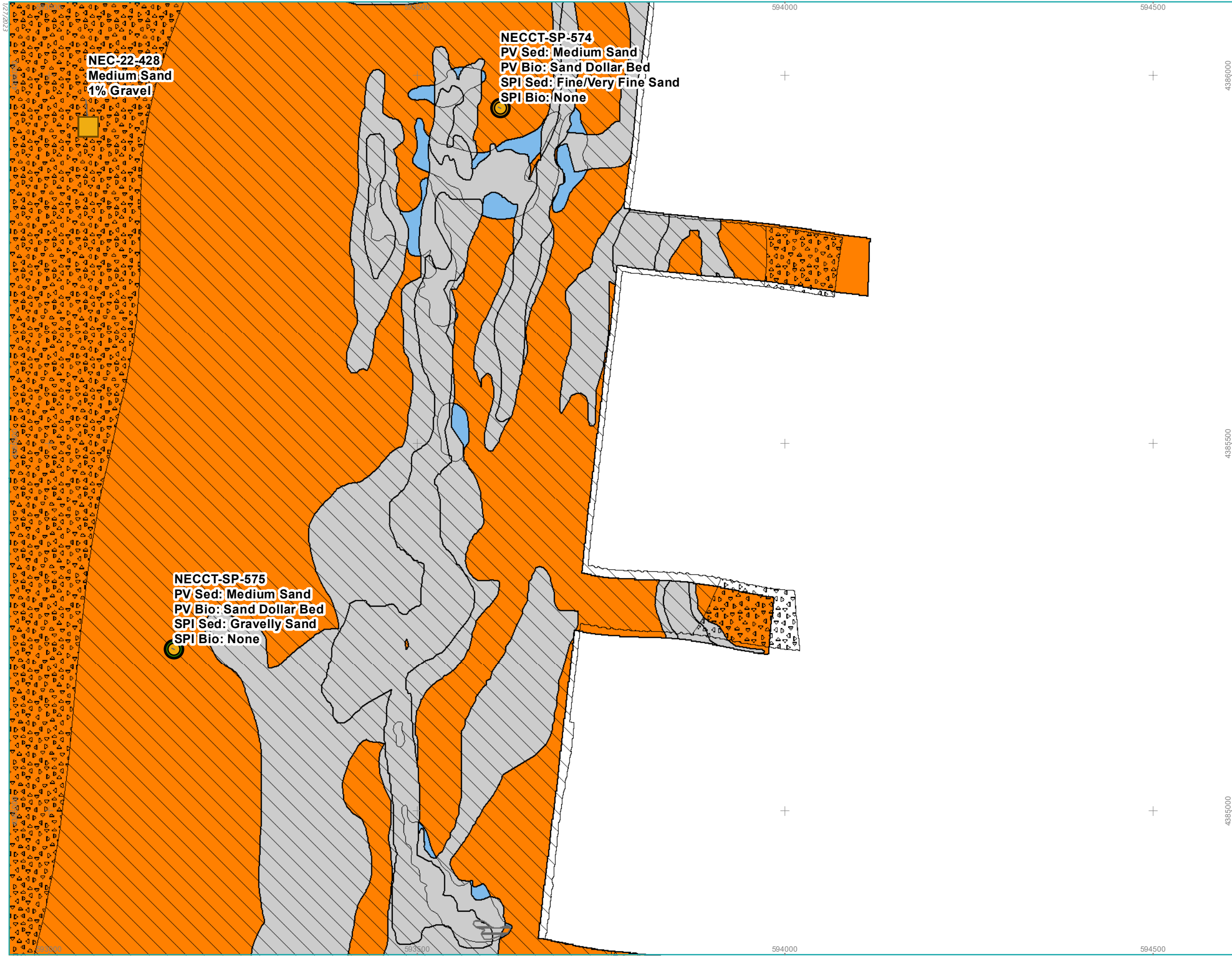
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - Grab Sample
- Ripple
- SandWave
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

Figure 303

Northern Export Cable Corridor (ECC)
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Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

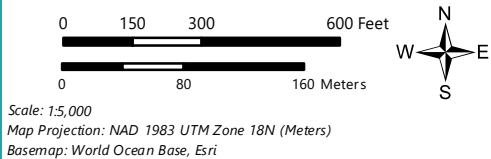
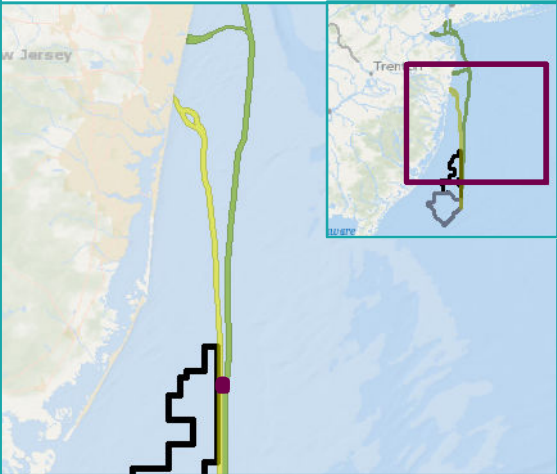
LEGEND

- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Soft Bottom Station - Grab Sample
- Ripple
- SandWave
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 305

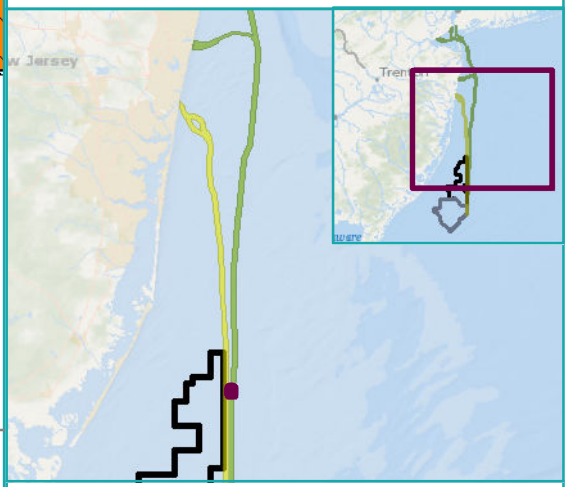
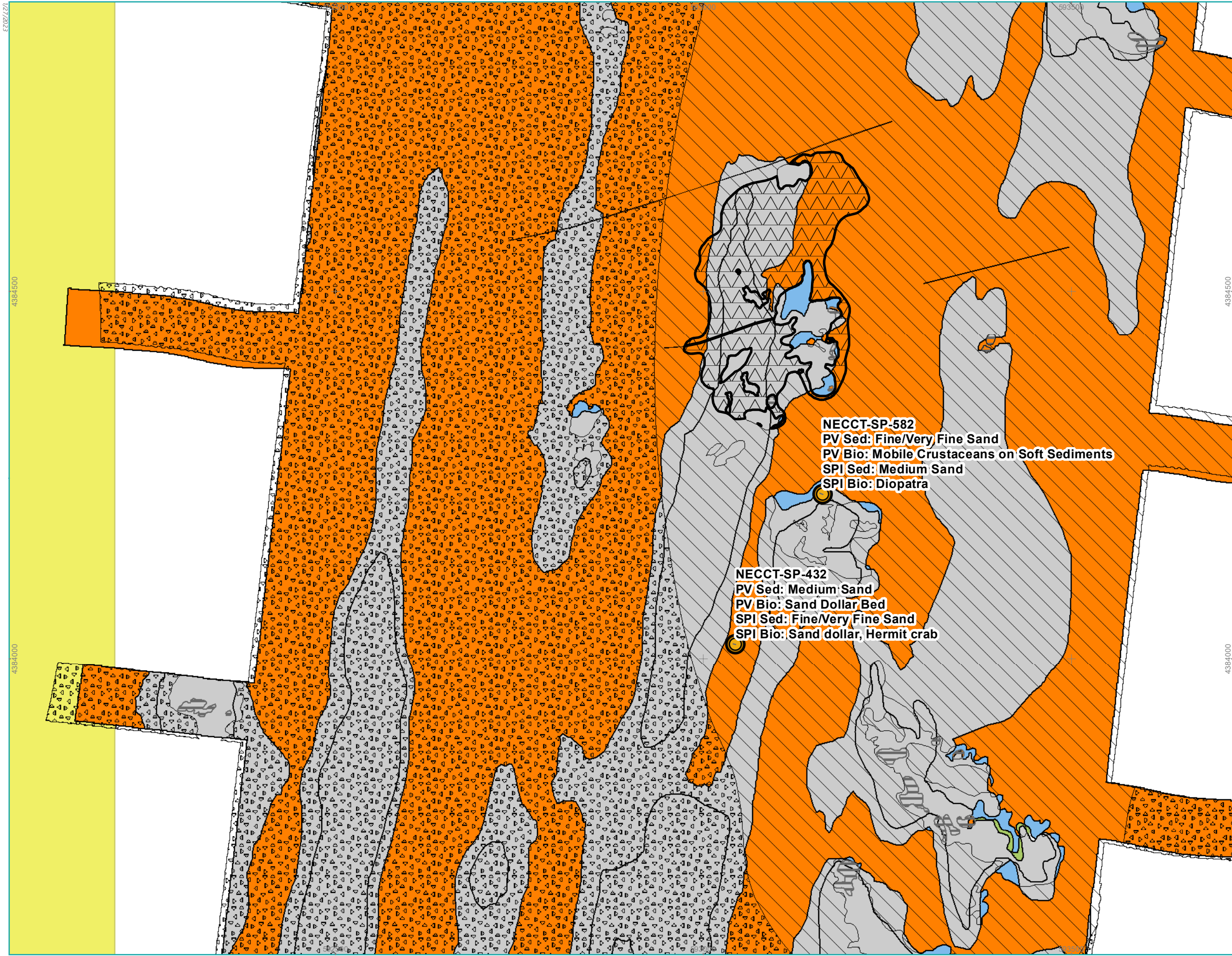
Northern Export Cable Corridor (ECC)

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- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

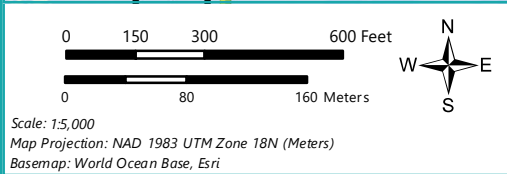
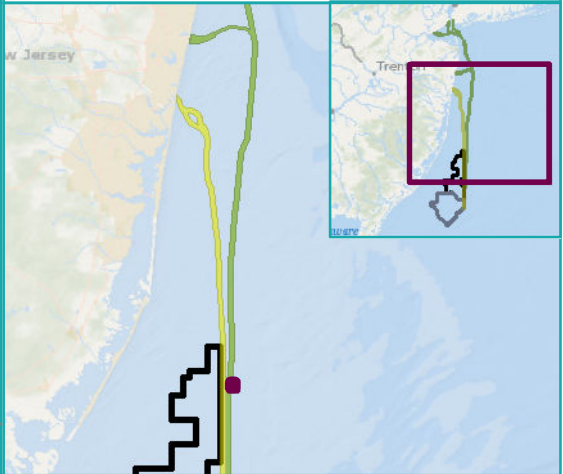
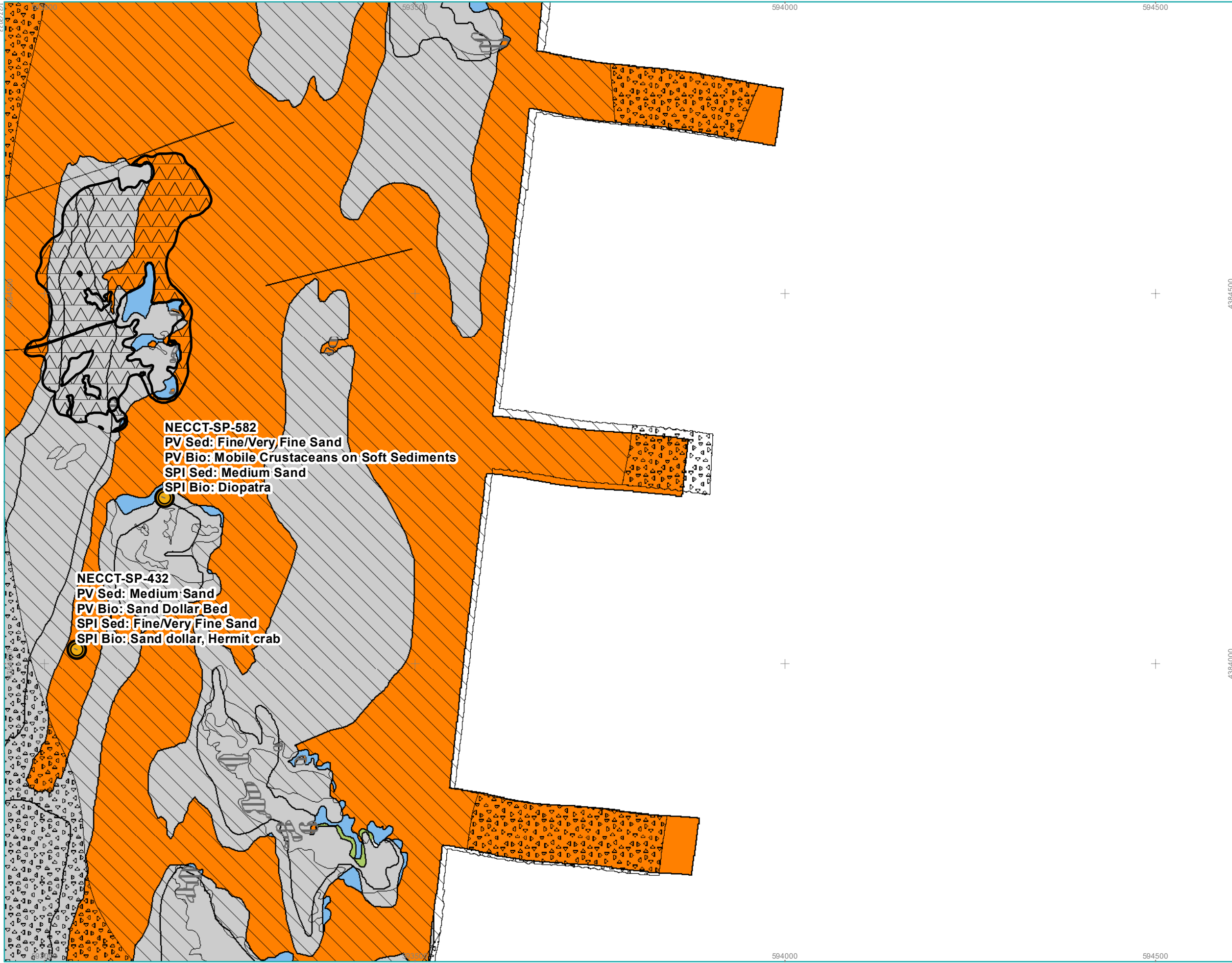
Figure 306



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

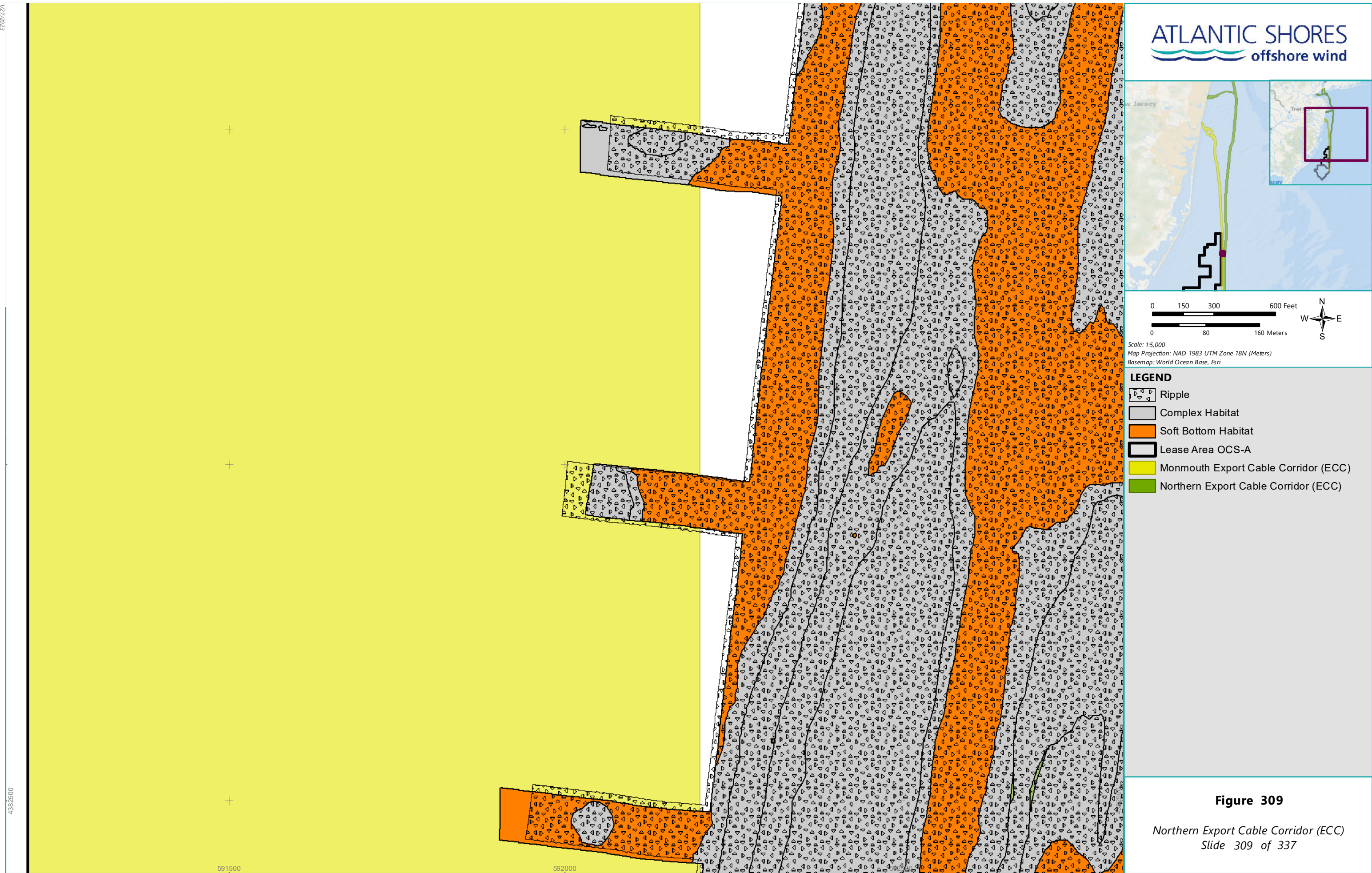
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

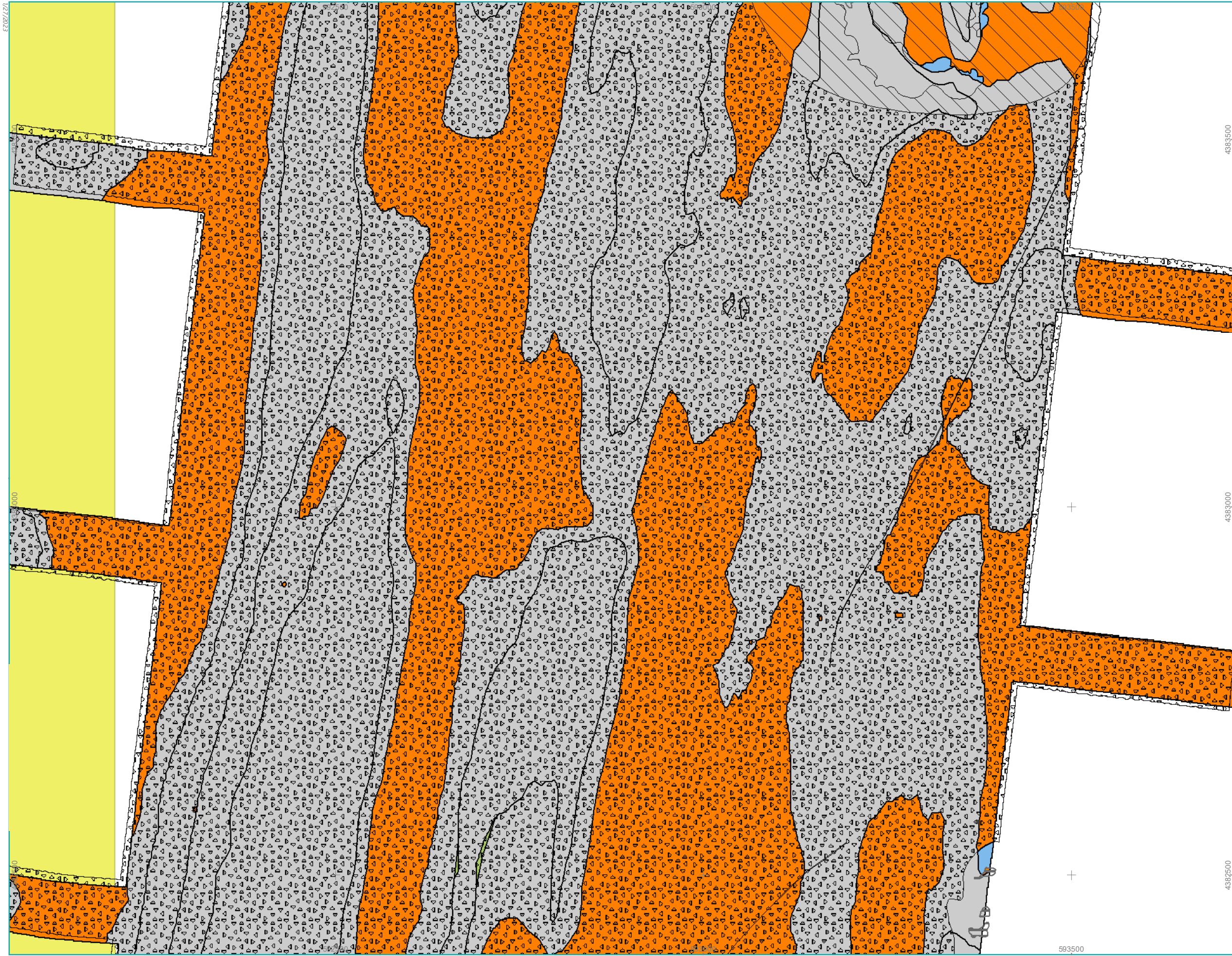
Figure 307



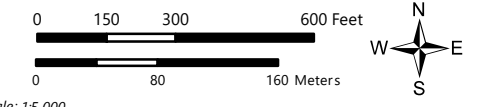
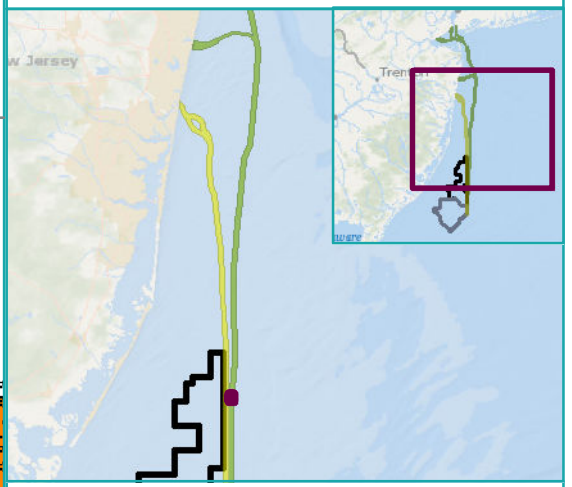
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - MegaRipple
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 308





7/27/2023

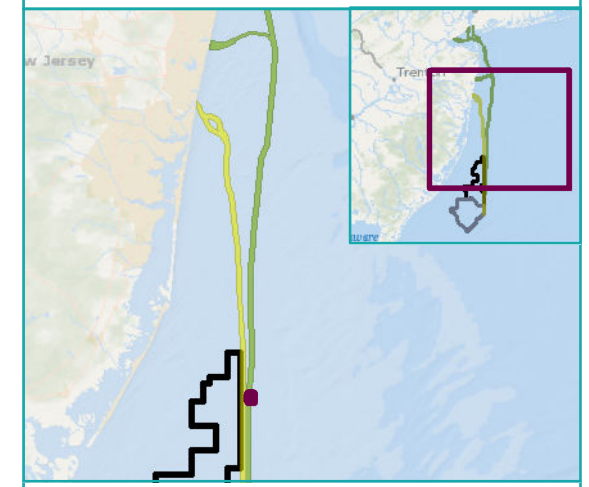
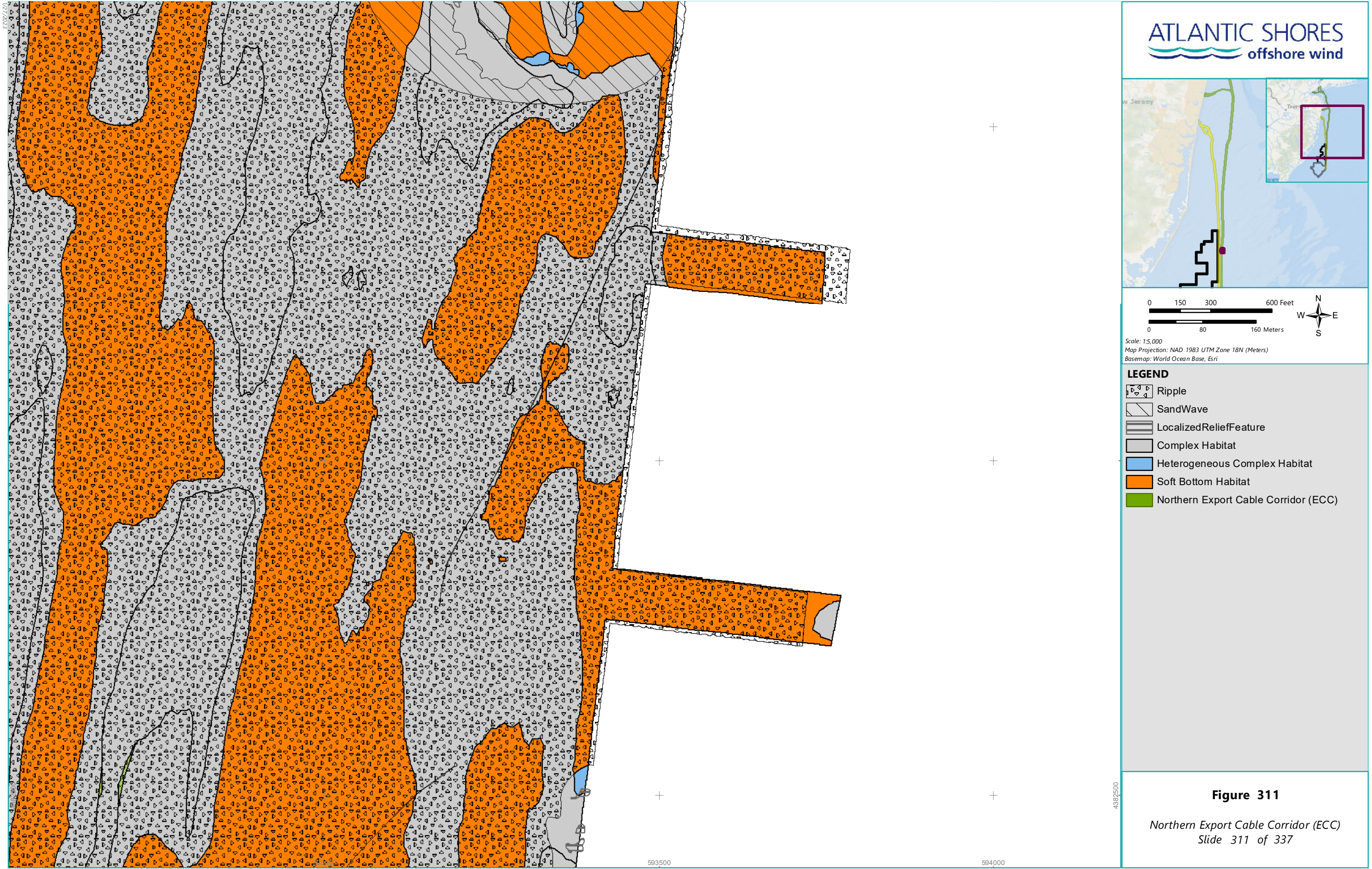


Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

Figure 310

Northern Export Cable Corridor (ECC)
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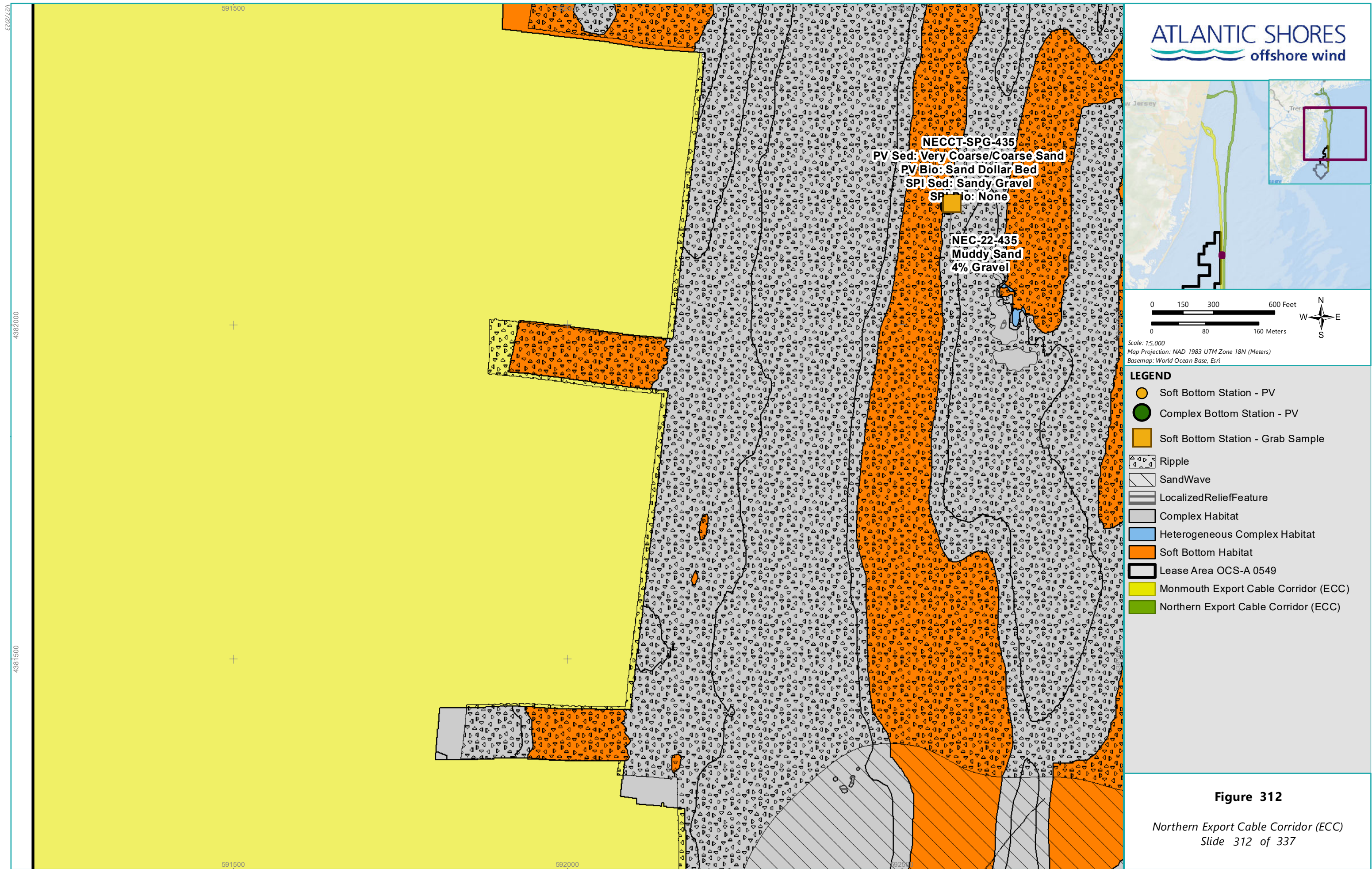


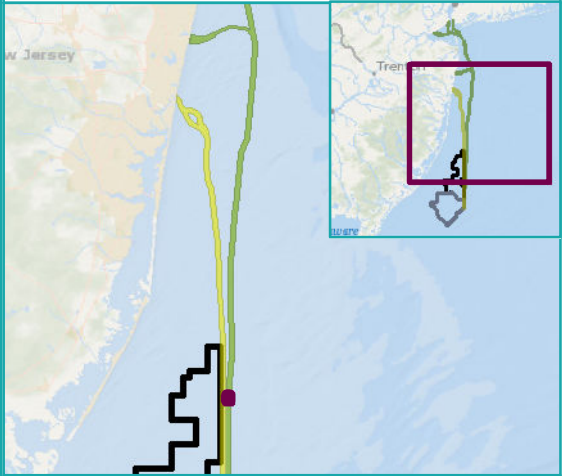
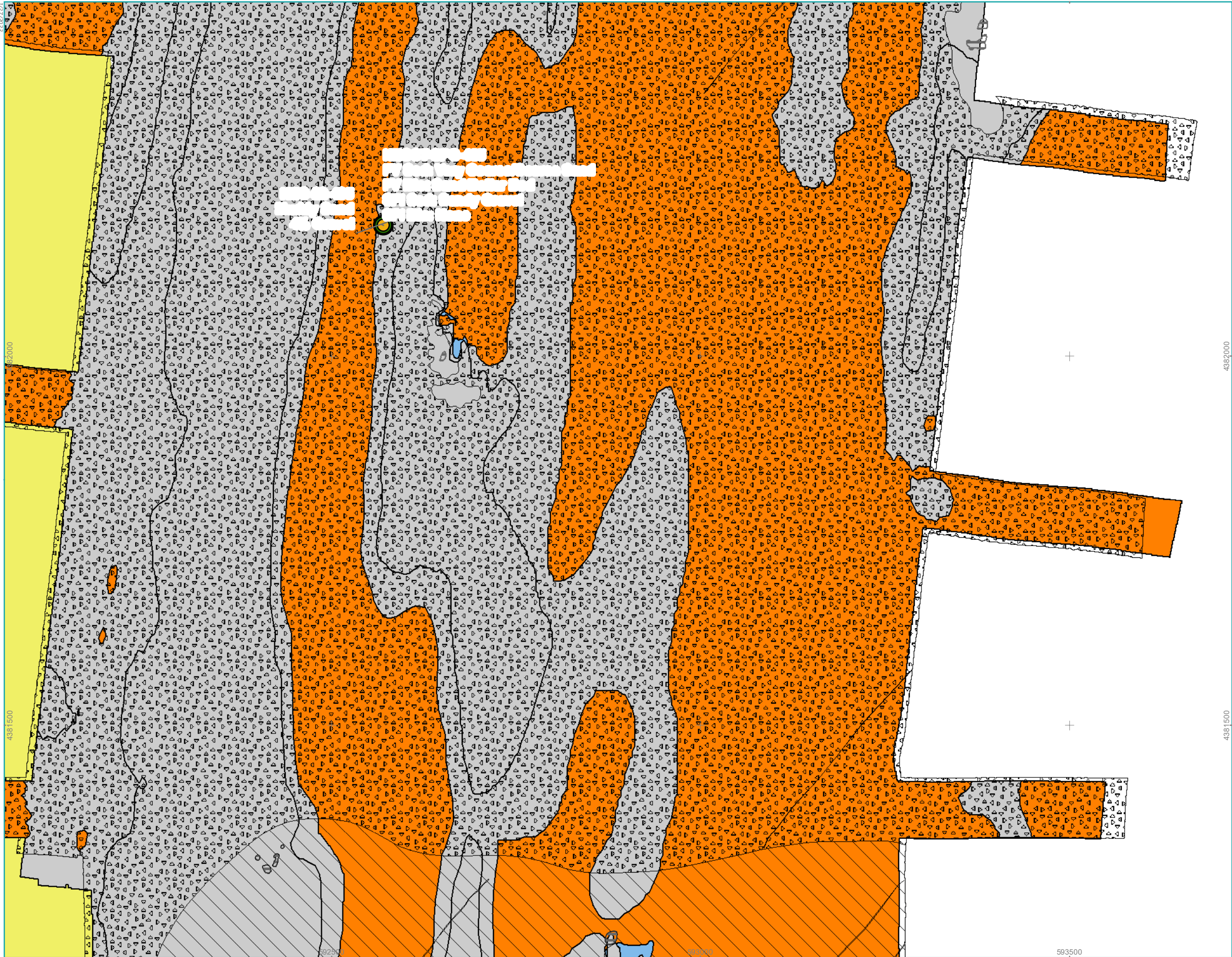
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 311

Northern Export Cable Corridor (ECC)
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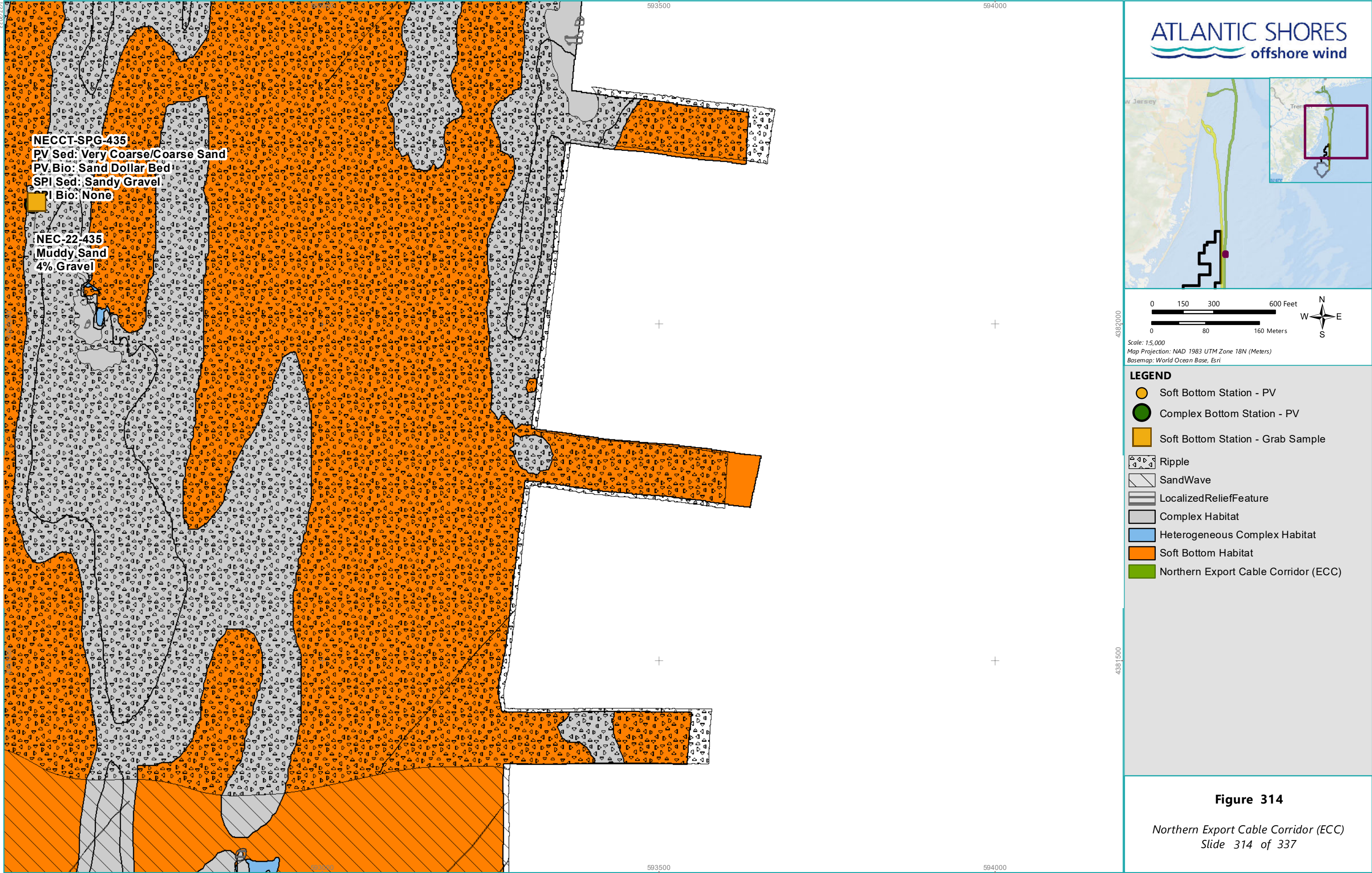




Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Complex Bottom Station - PV
 - Soft Bottom Station - Grab Sample
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

Figure 313





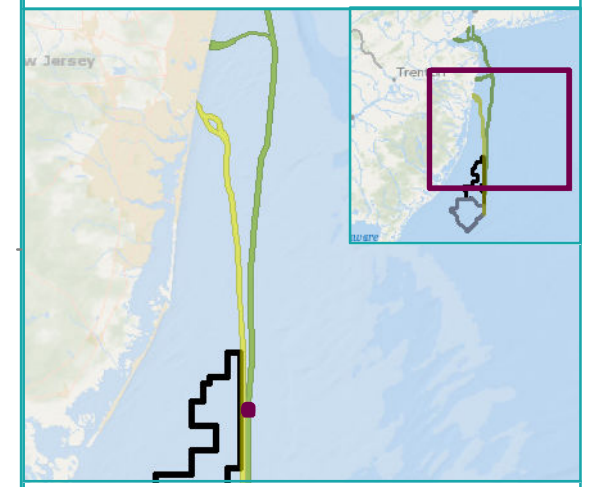
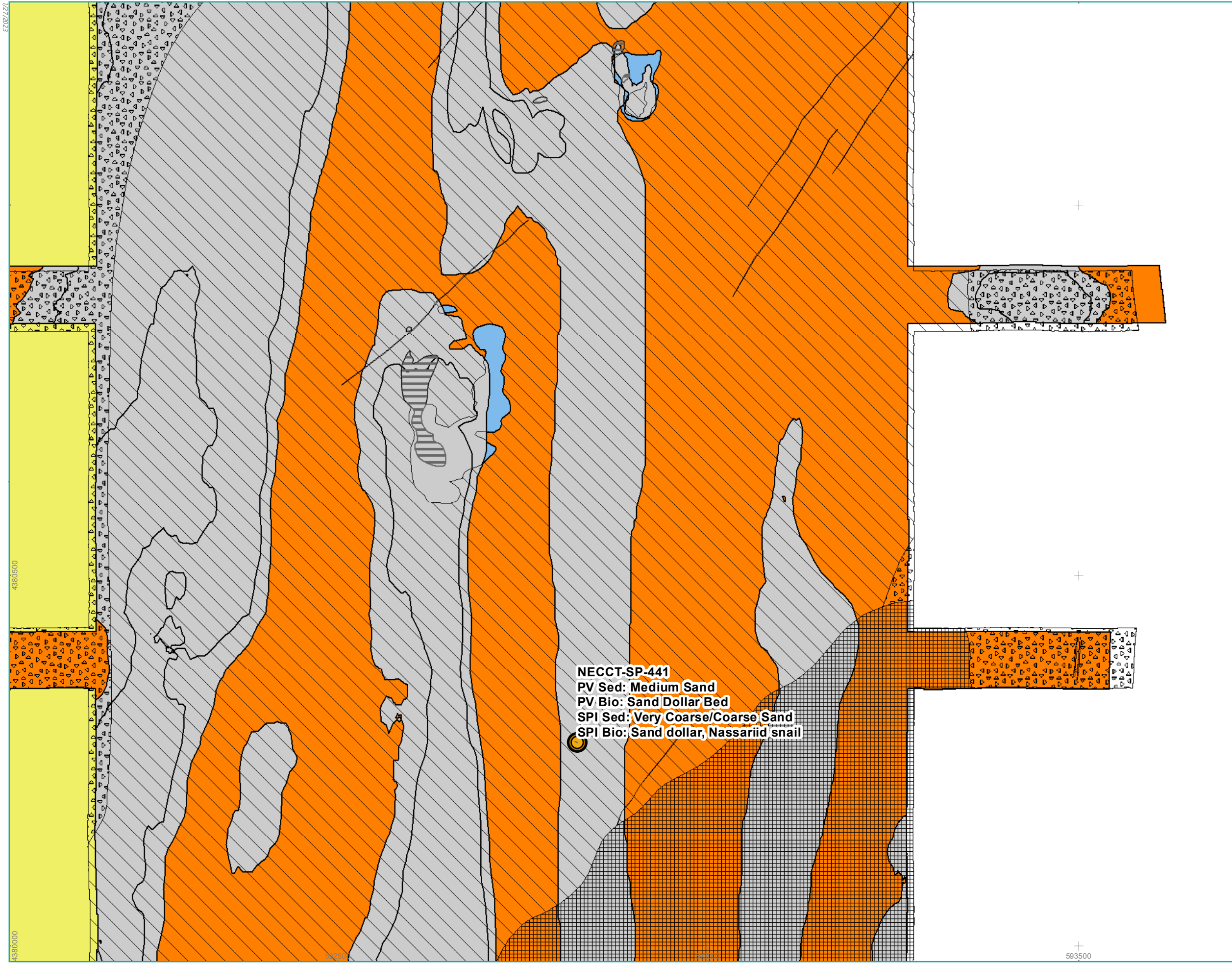
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

-  Soft Bottom Station - PV
-  Soft Bottom Station - PV
-  Ripple
-  SandWave
-  LocalizedReliefFeature
-  HeavilyScarredArea
-  Complex Habitat
-  Heterogeneous Complex Habitat
-  Soft Bottom Habitat
-  Lease Area OCS-A 0549
-  Monmouth Export Cable Corridor (ECC)
-  Northern Export Cable Corridor (ECC)

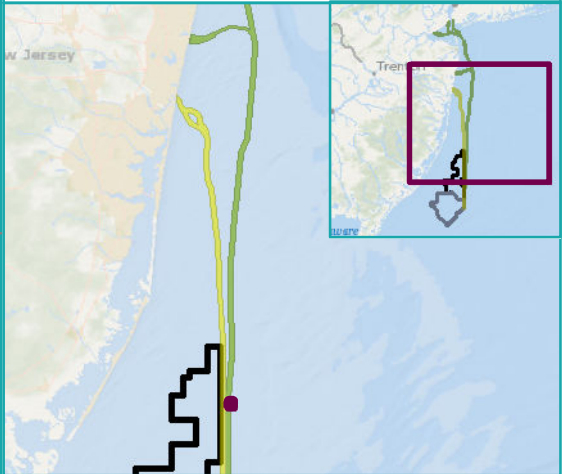
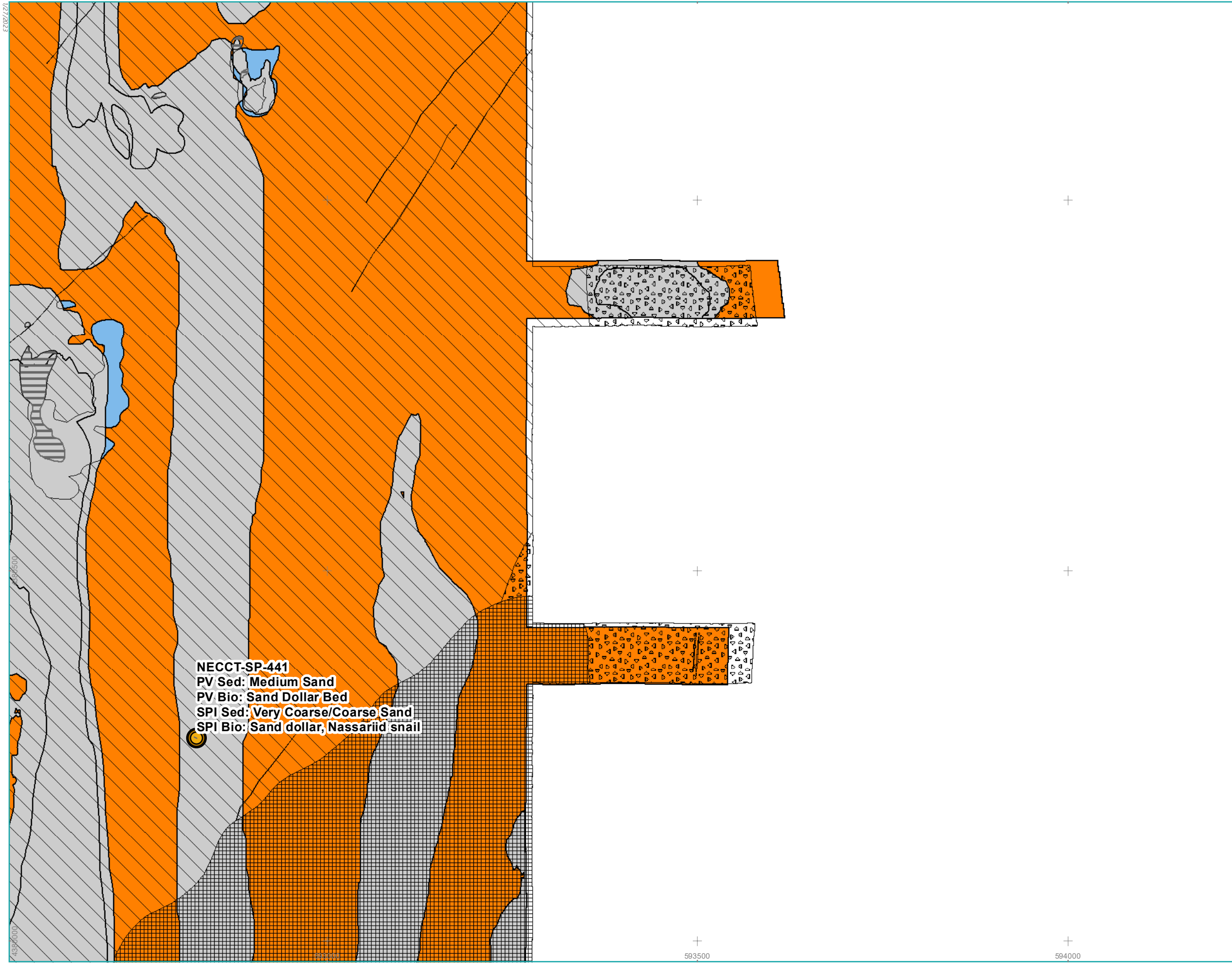
Figure 315

Northern Export Cable Corridor (ECC)
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- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Ripple
 - SandWave
 - LocalizedReliefFeature
 - HeavilyScarredArea
 - Complex Habitat
 - Heterogeneous Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

Figure 316



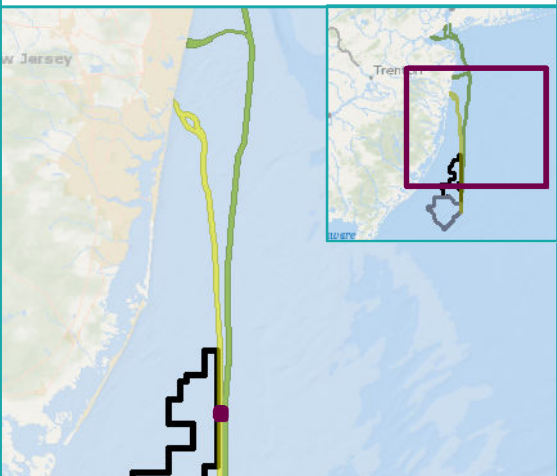
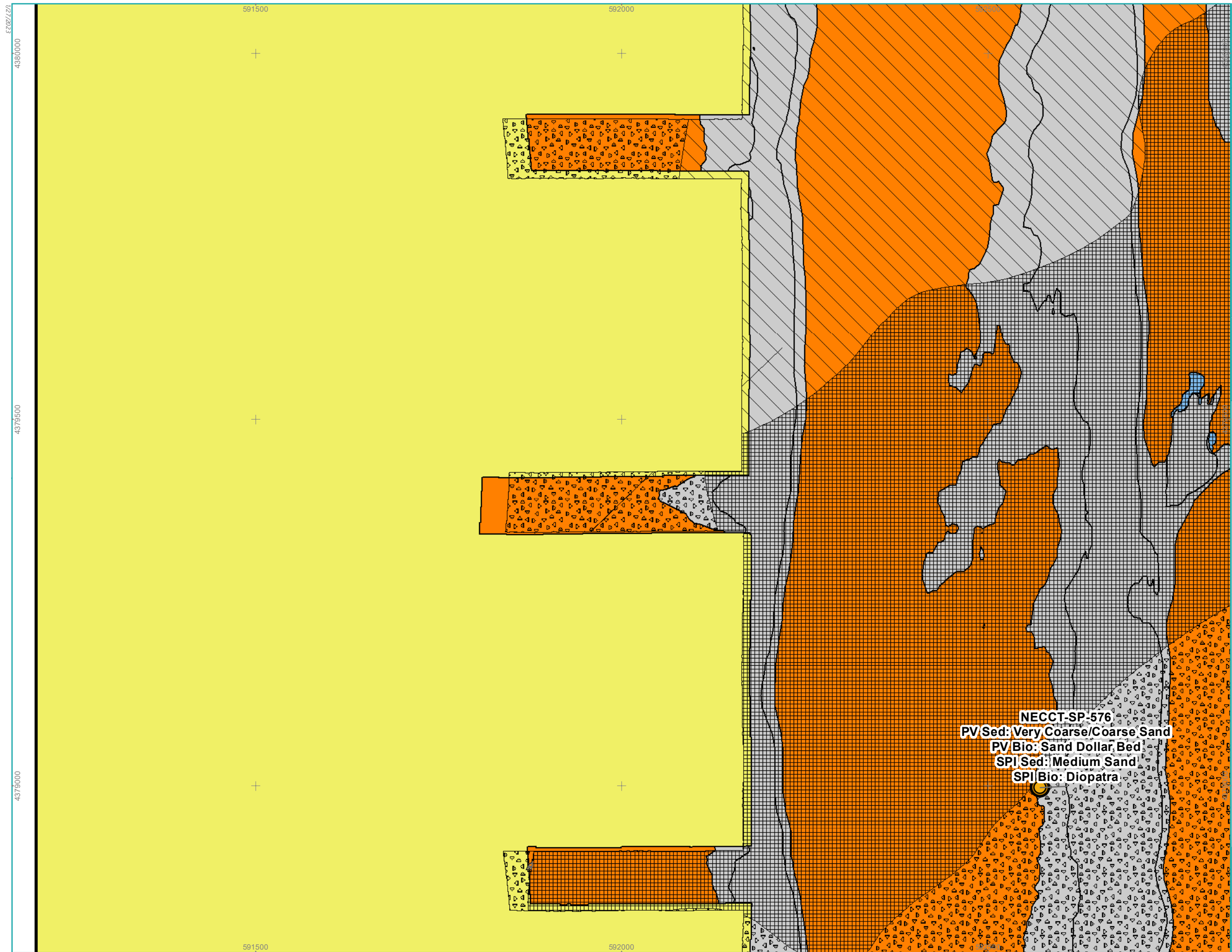
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- SandWave
- LocalizedReliefFeature
- HeavilyScarredArea
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 317

Northern Export Cable Corridor (ECC)
Slide 317 of 337



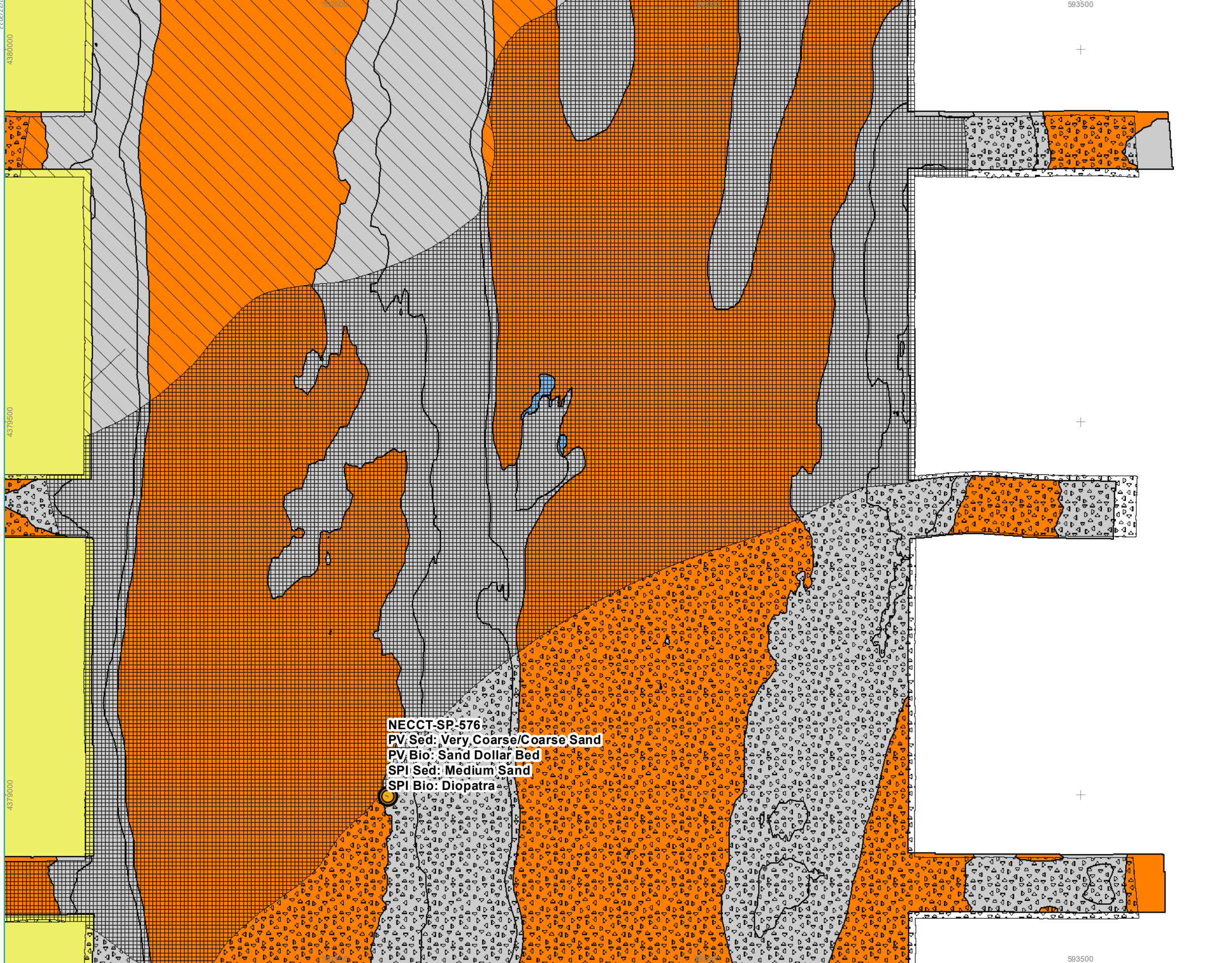
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- SandWave
- LocalizedReliefFeature
- HeavilyScarredArea
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Lease Area OCS-A 0549
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

Figure 318

Northern Export Cable Corridor (ECC)
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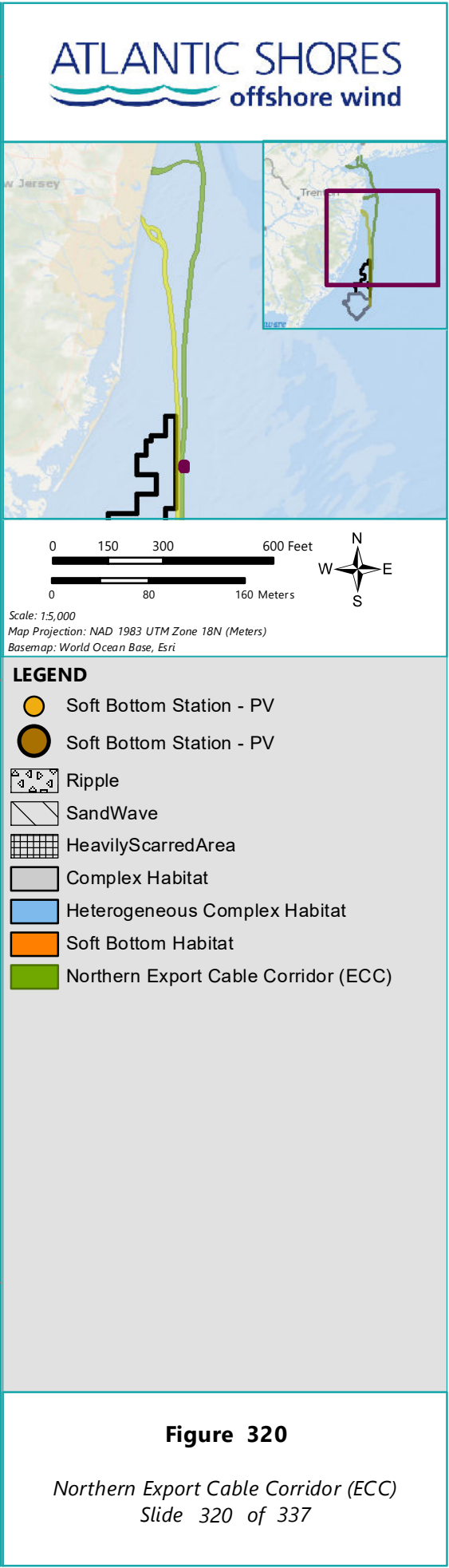
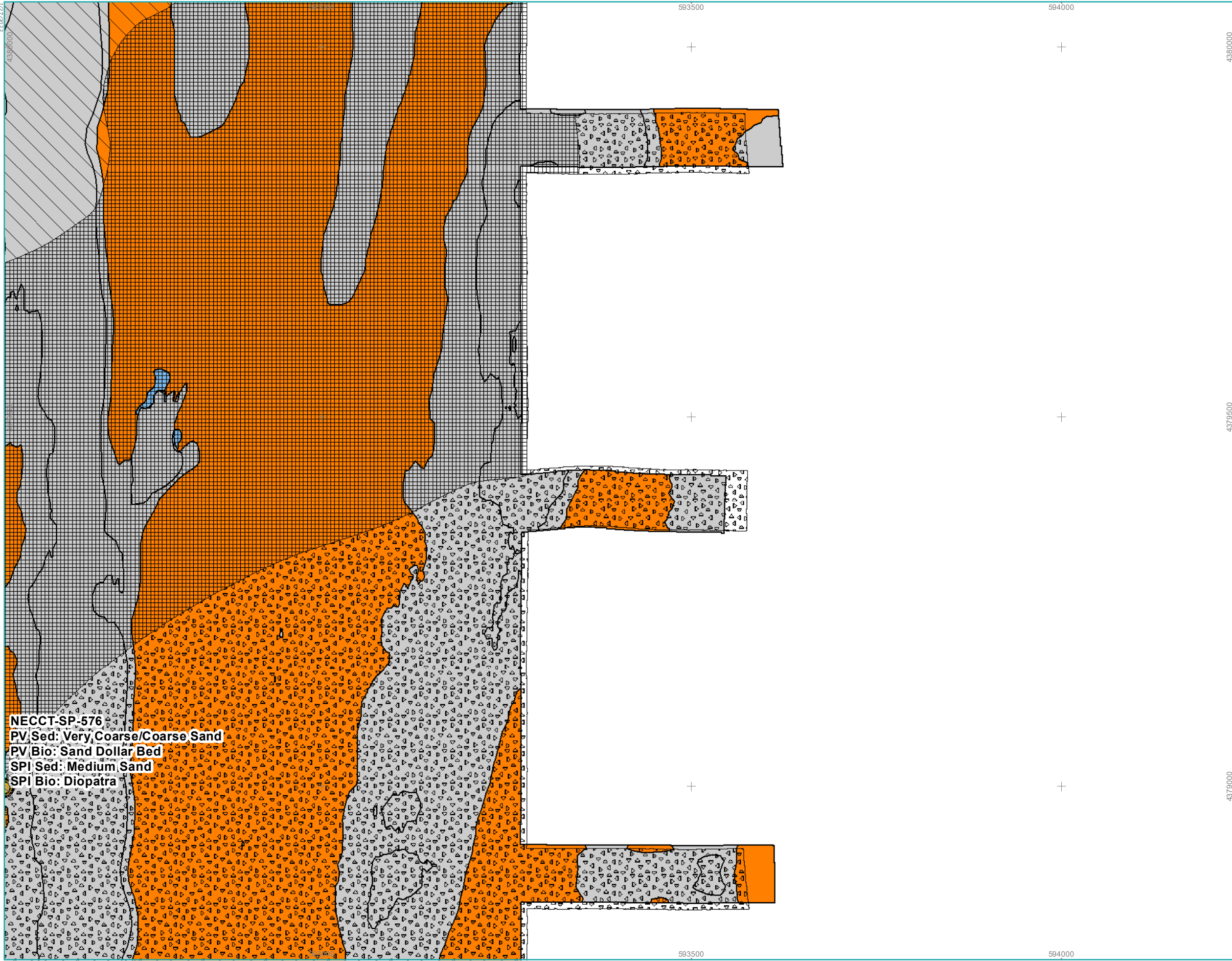


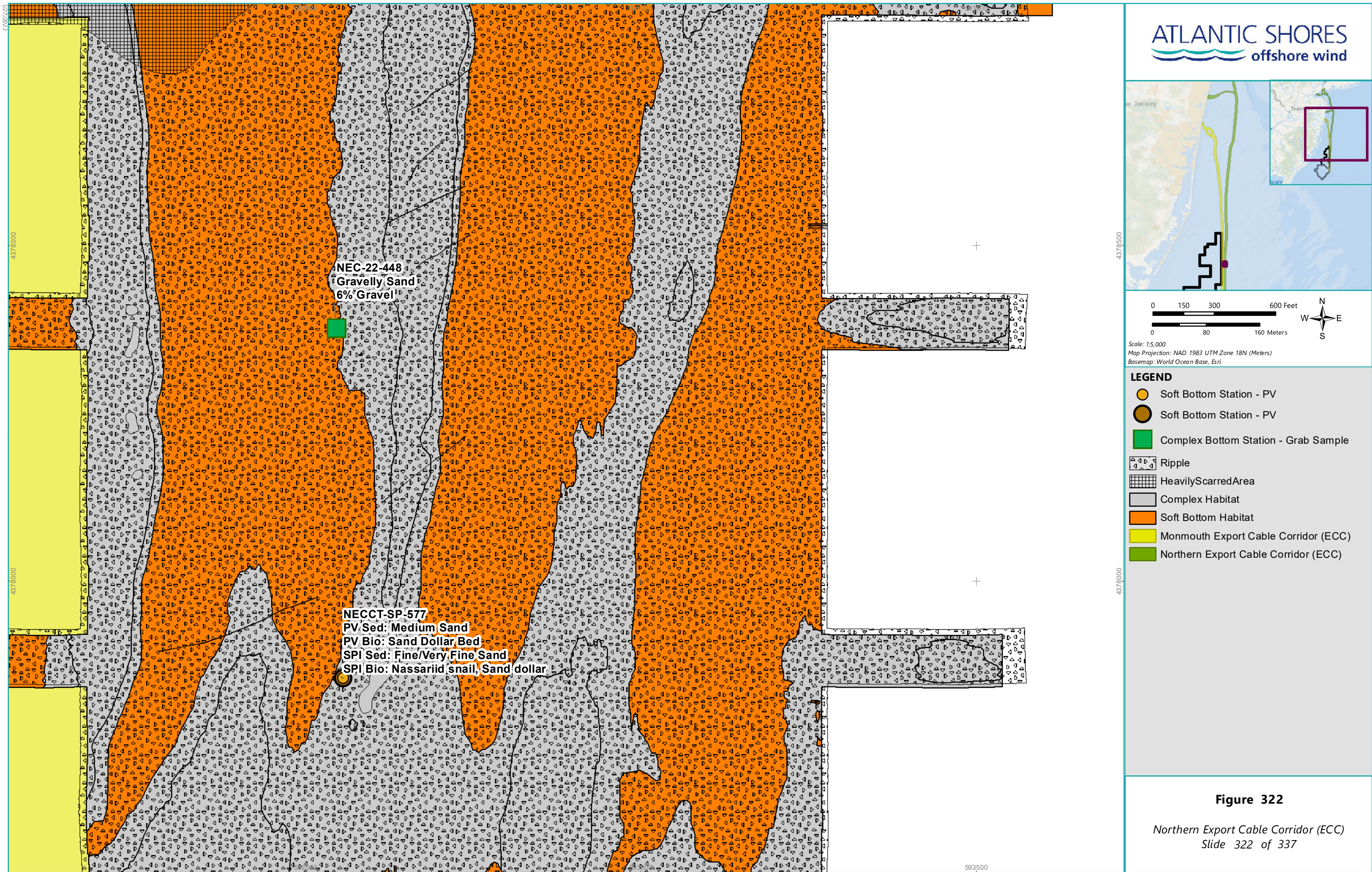
Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

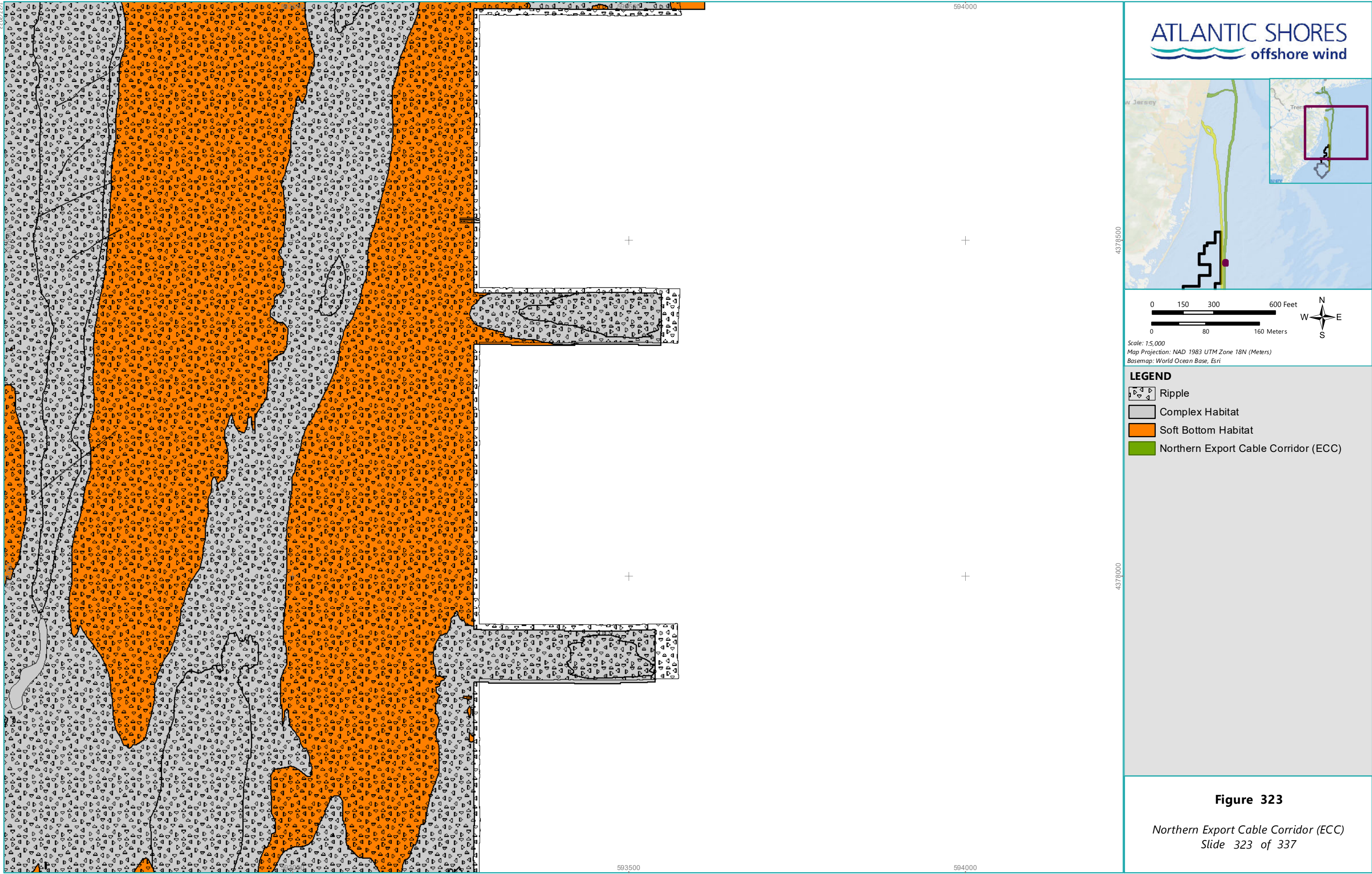
LEGEND

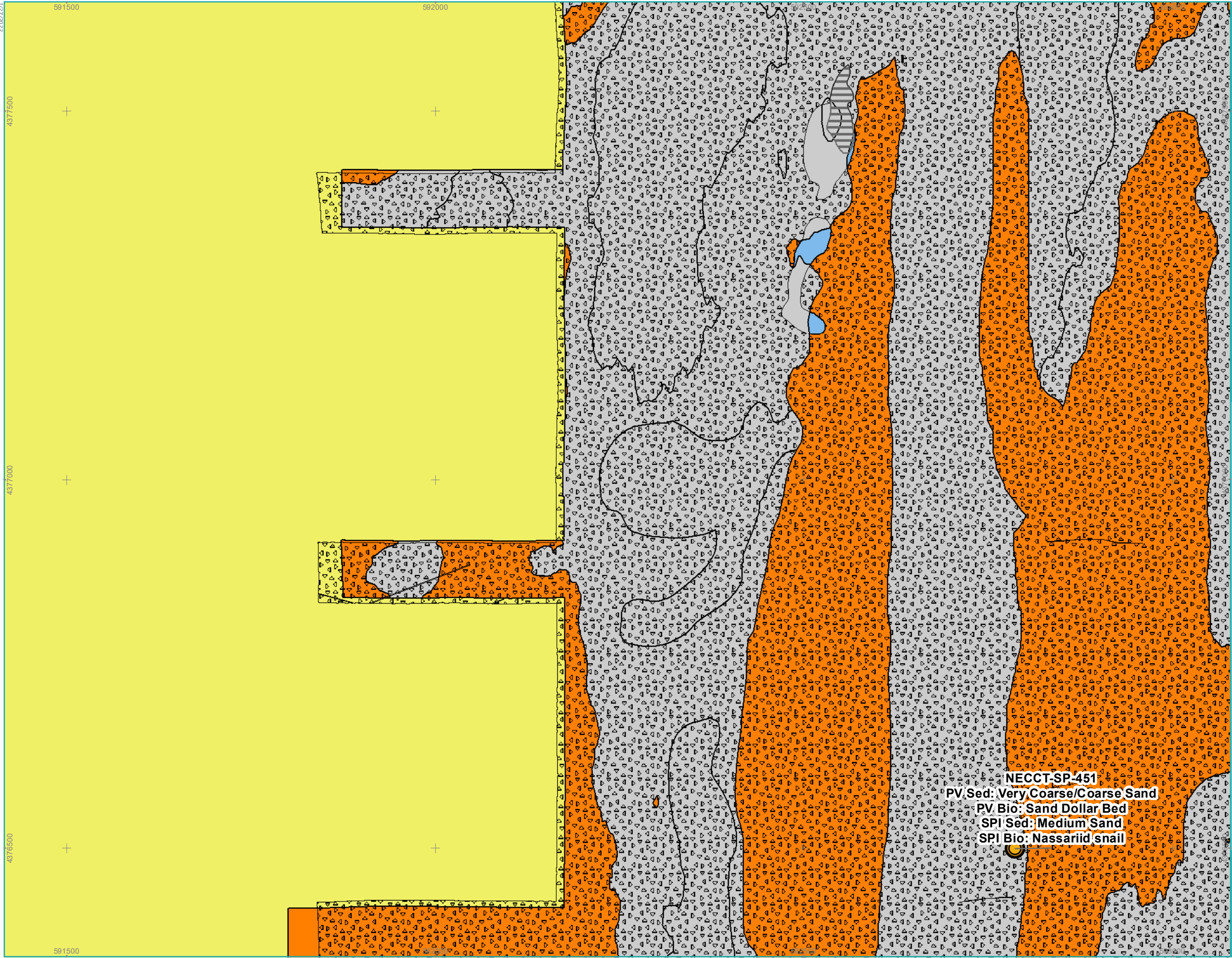
- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- SandWave
- HeavilyScarredArea
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

Figure 319
Northern Export Cable Corridor (ECC)
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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

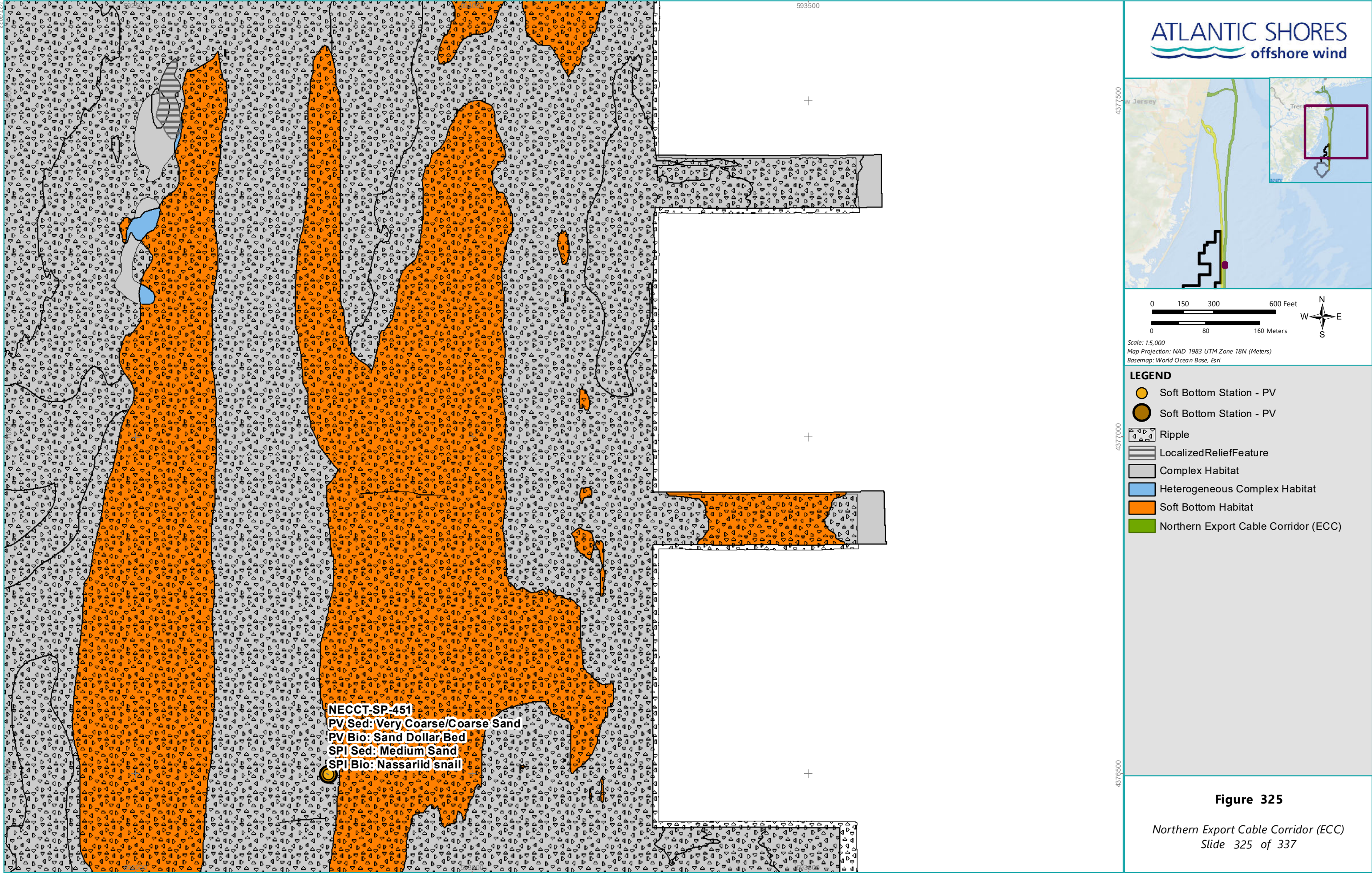
Basemap: World Ocean Base, Esri

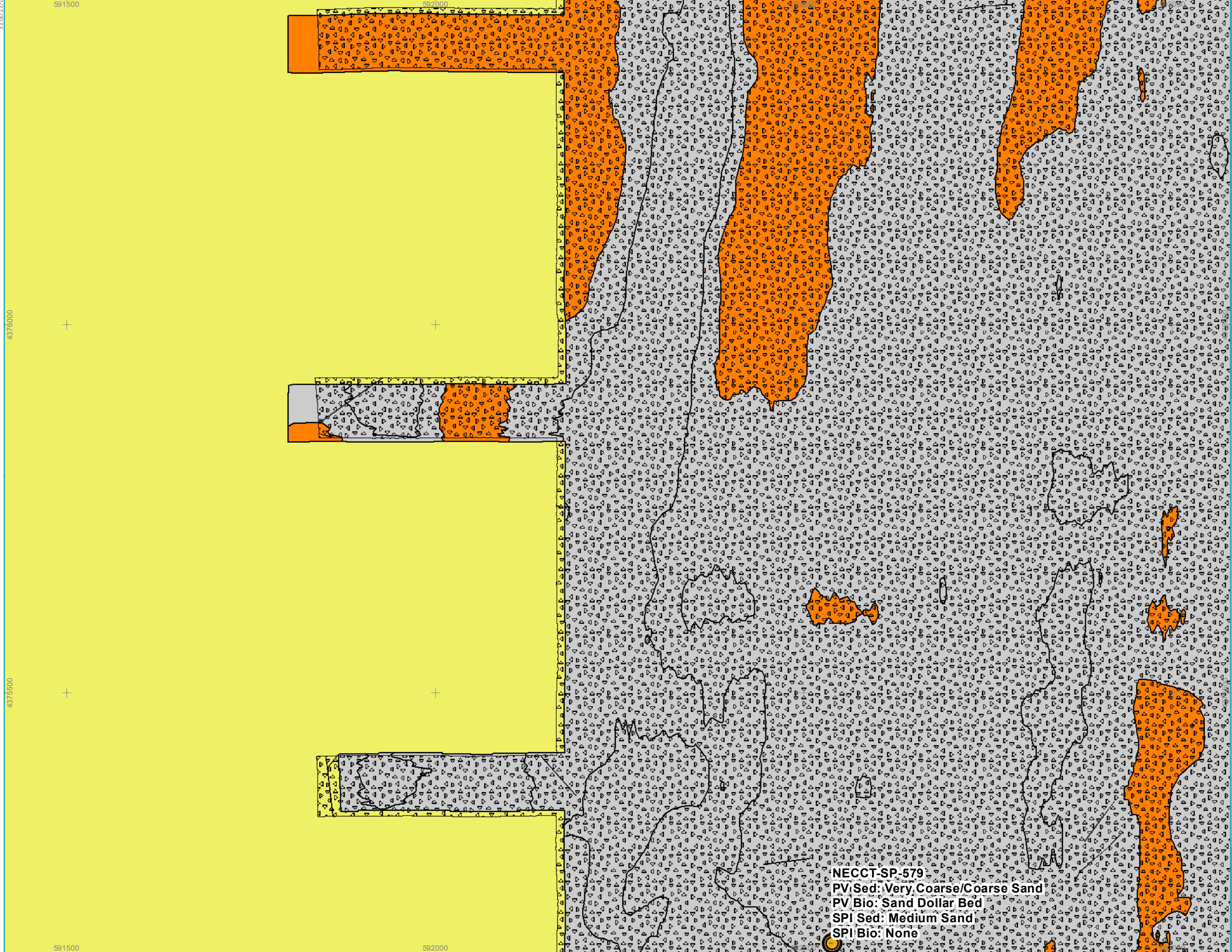
LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

NECCT-SP-451
PV Sed: Very Coarse/Coarse Sand
PV Bio: Sand Dollar Bed
SPI Sed: Medium Sand
SPI Bio: Nassariid snail

Figure 324





Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

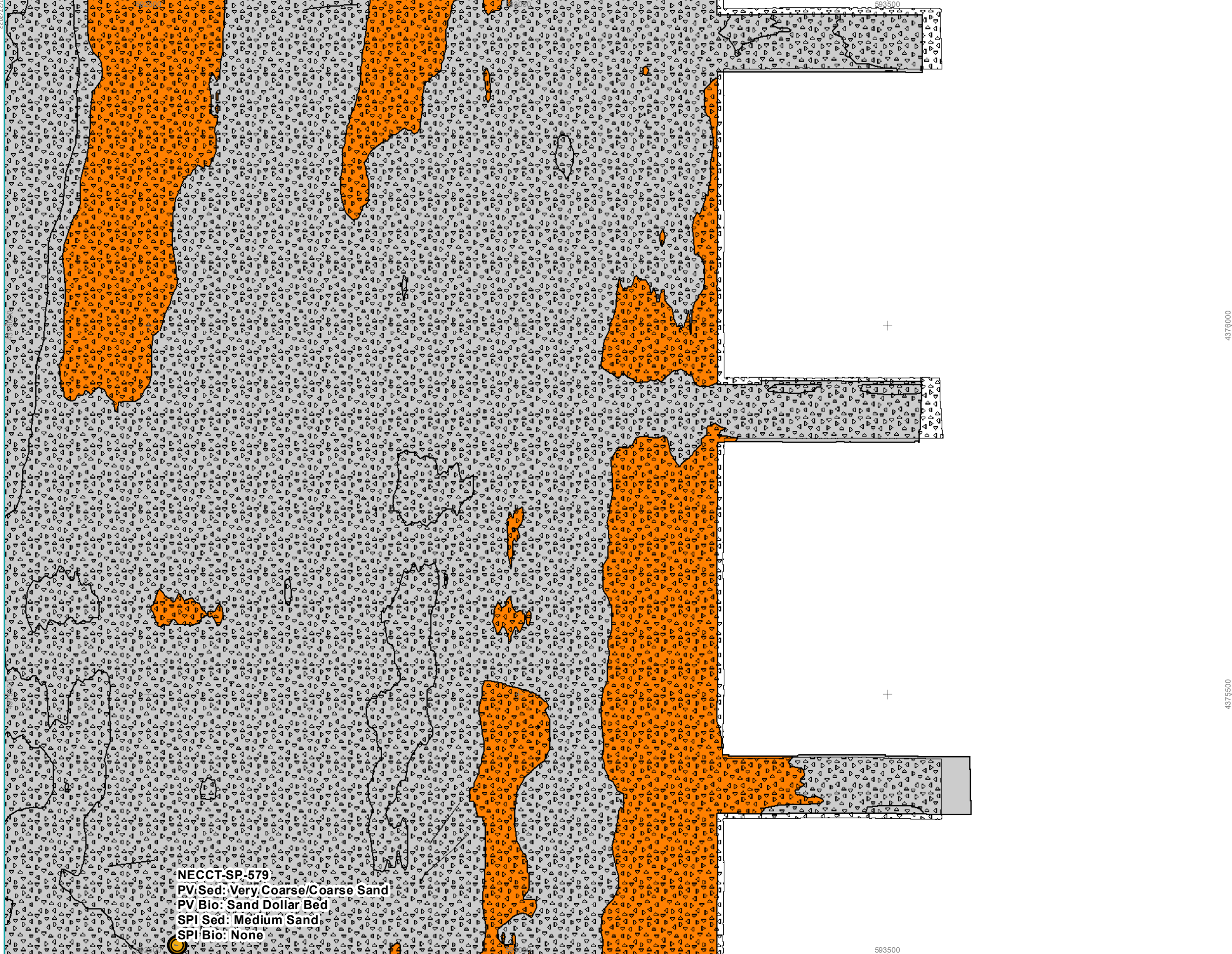
- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Monmouth Export Cable Corridor (ECC)
 - Northern Export Cable Corridor (ECC)

NECCT-SP-579
PV Sed: Very Coarse/Coarse Sand
PV Bio: Sand Dollar Bed
SPI Sed: Medium Sand
SPI Bio: None

Figure 326

Northern Export Cable Corridor (ECC)

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0 150 300 600 Feet

0 80 160 Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

- Soft Bottom Station - PV
- Soft Bottom Station - PV
- Ripple
- Complex Habitat
- Soft Bottom Habitat
- Northern Export Cable Corridor (ECC)

Figure 327

Northern Export Cable Corridor (ECC)

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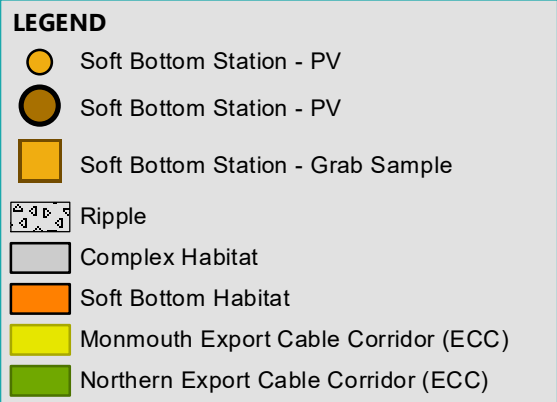
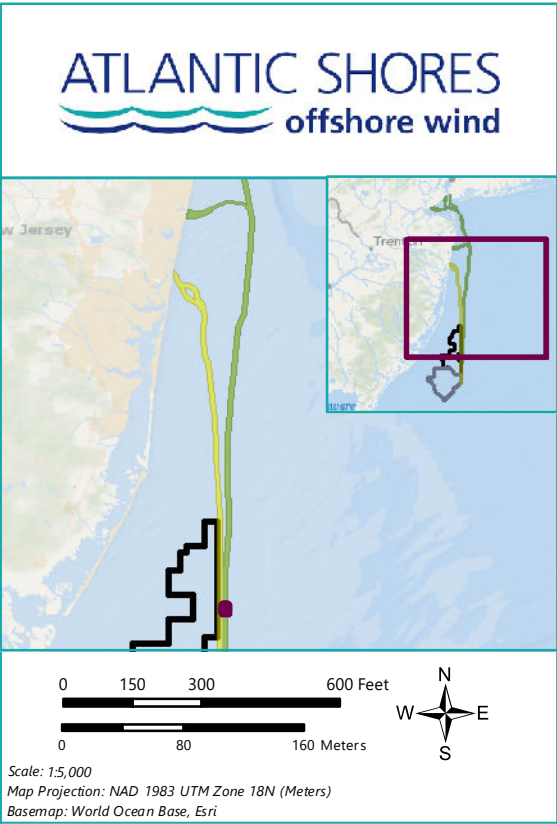
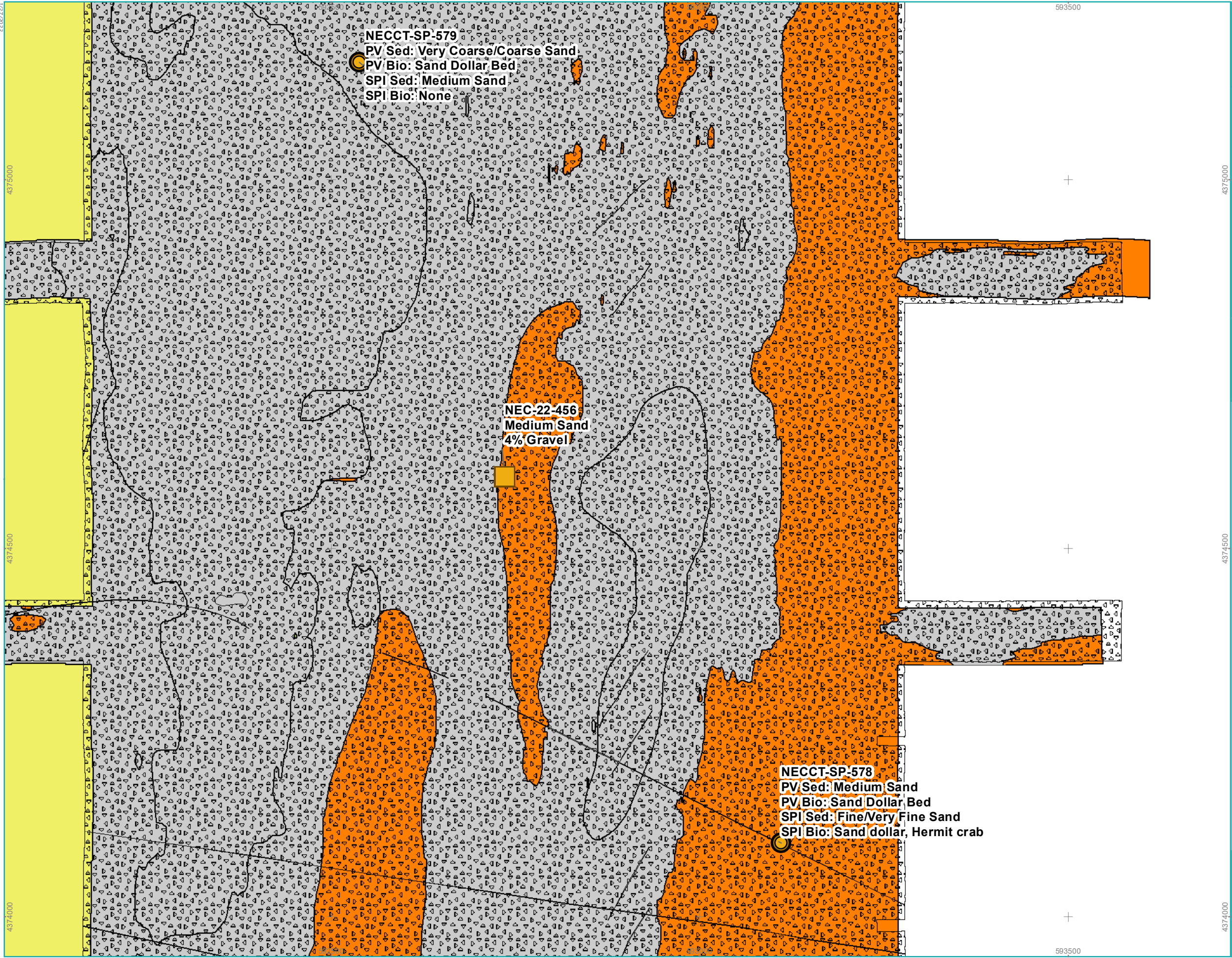
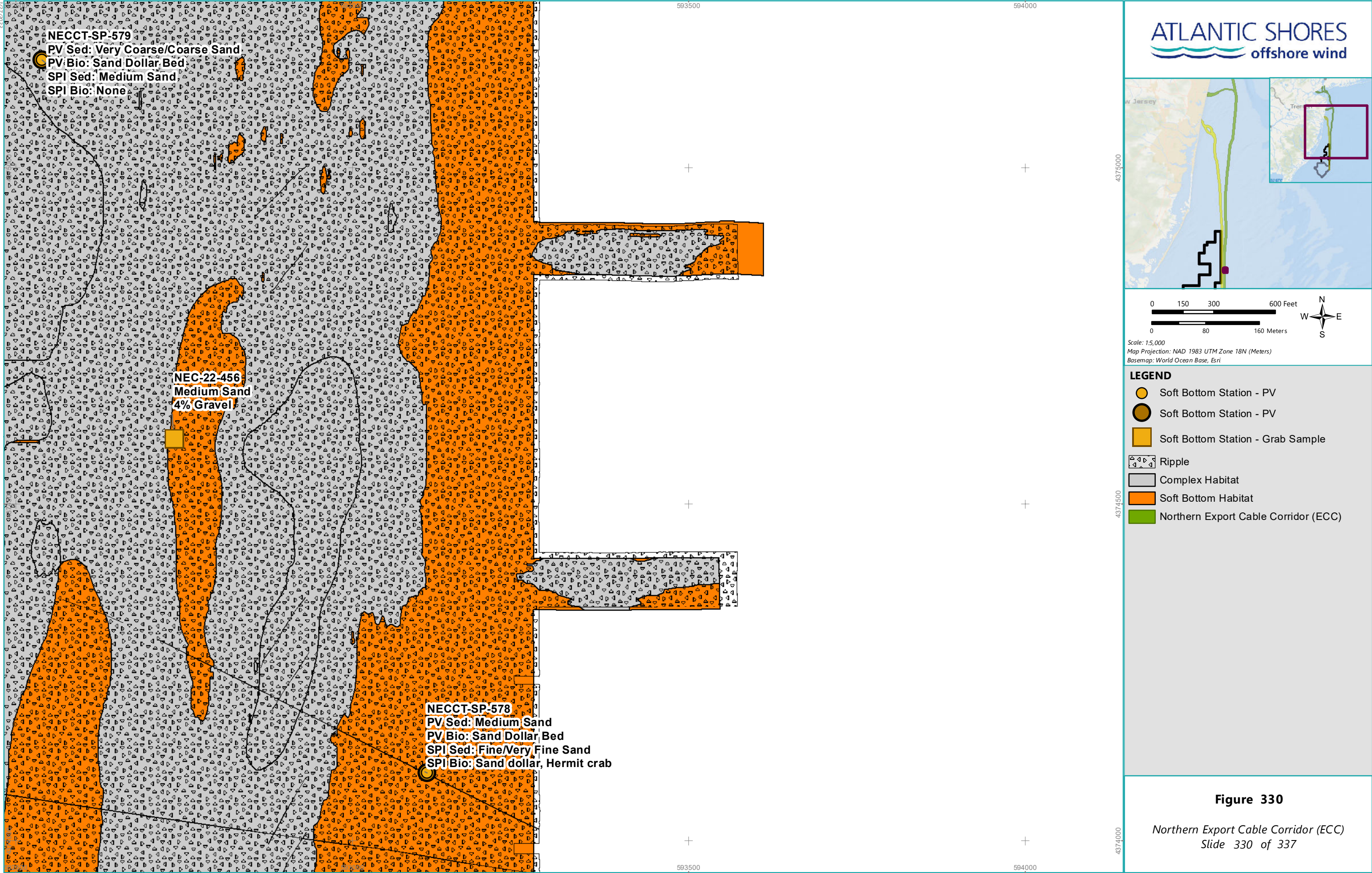
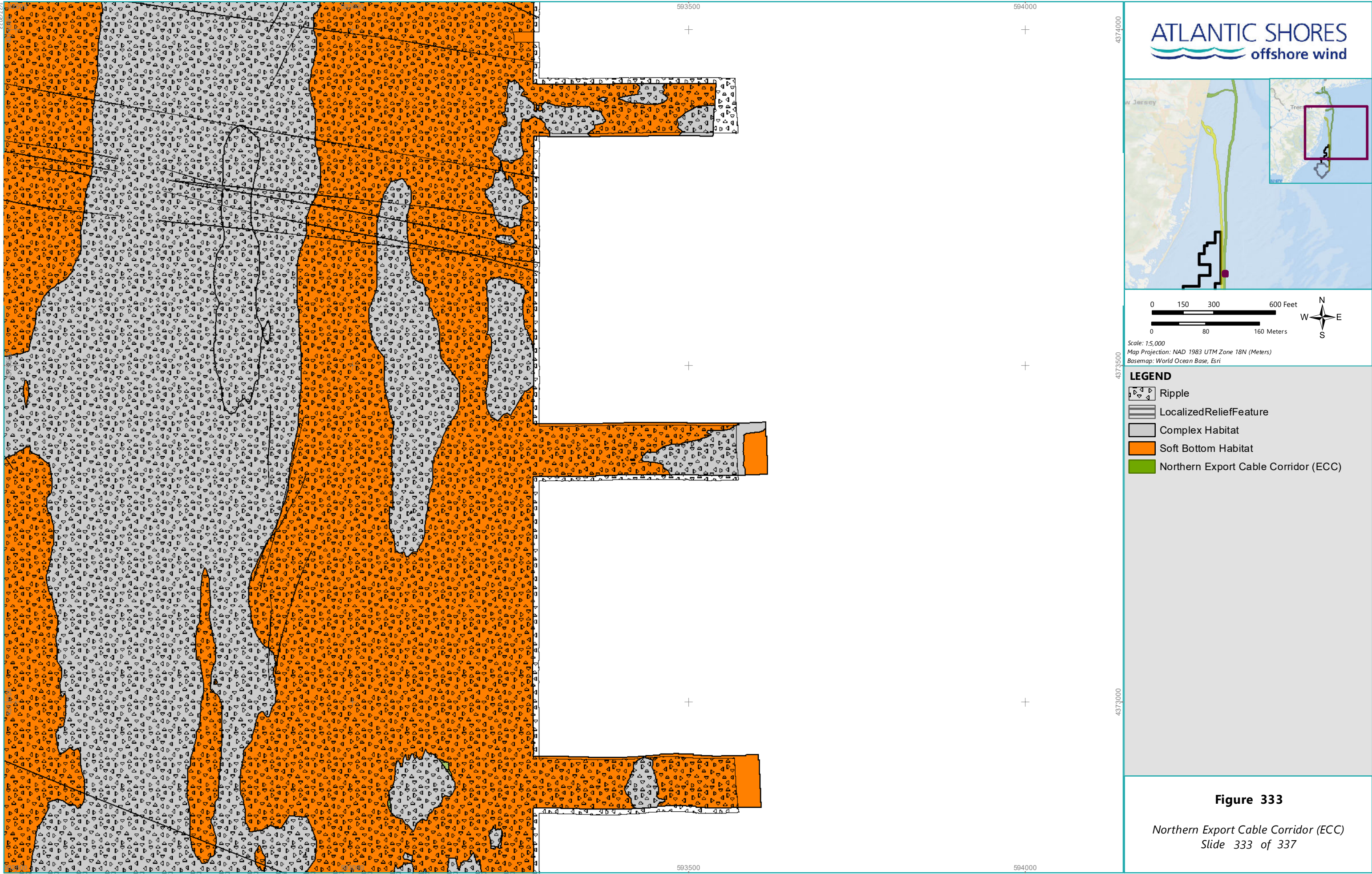


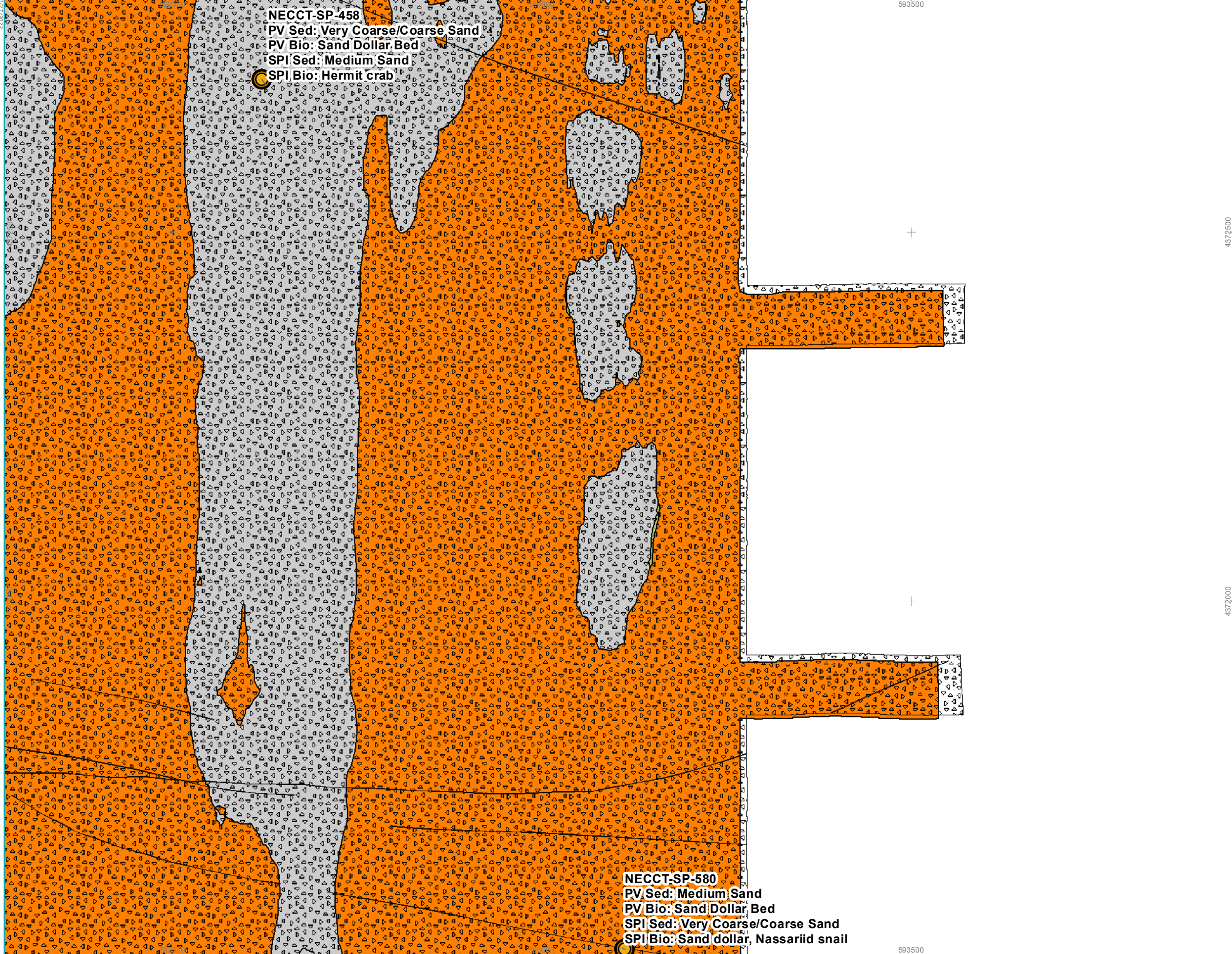
Figure 329

Northern Export Cable Corridor (ECC)

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0150300600

Feet

080160

Meters

Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

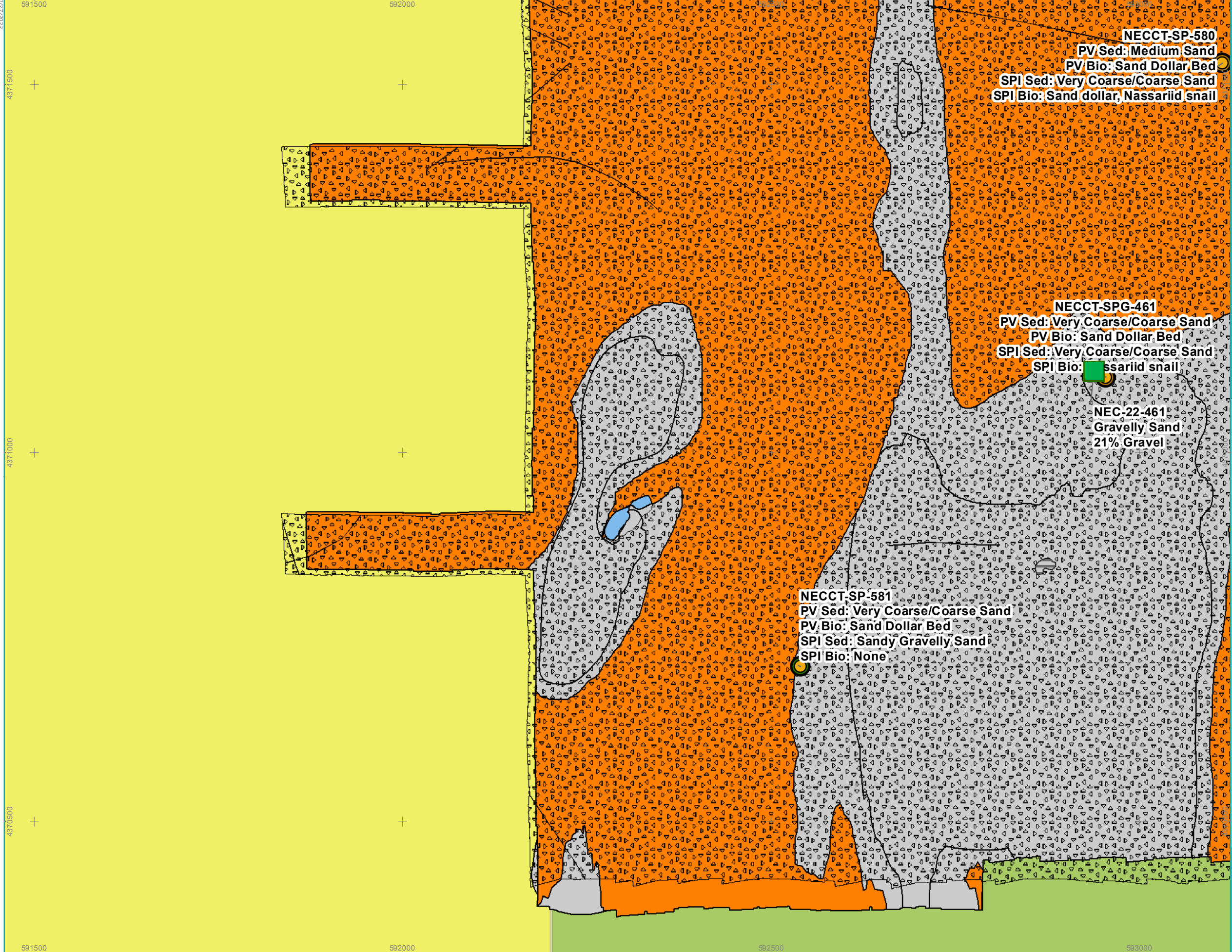
Basemap: World Ocean Base, Esri

- LEGEND**
- Soft Bottom Station - PV
 - Soft Bottom Station - PV
 - Ripple
 - Complex Habitat
 - Soft Bottom Habitat
 - Northern Export Cable Corridor (ECC)

Figure 335

Northern Export Cable Corridor (ECC)

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Scale: 1:5,000

Map Projection: NAD 1983 UTM Zone 18N (Meters)

Basemap: World Ocean Base, Esri

LEGEND

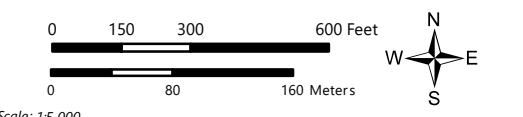
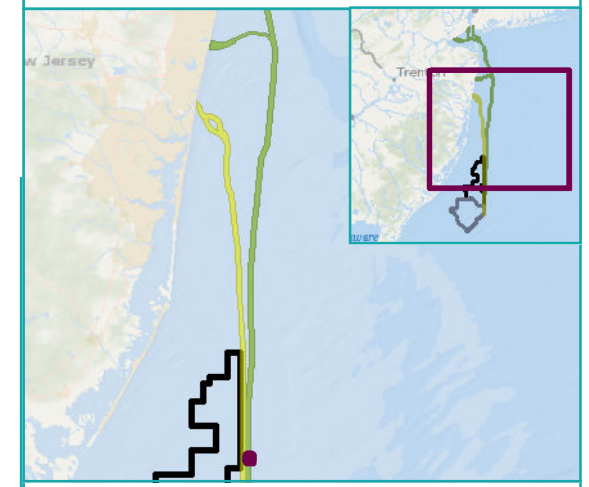
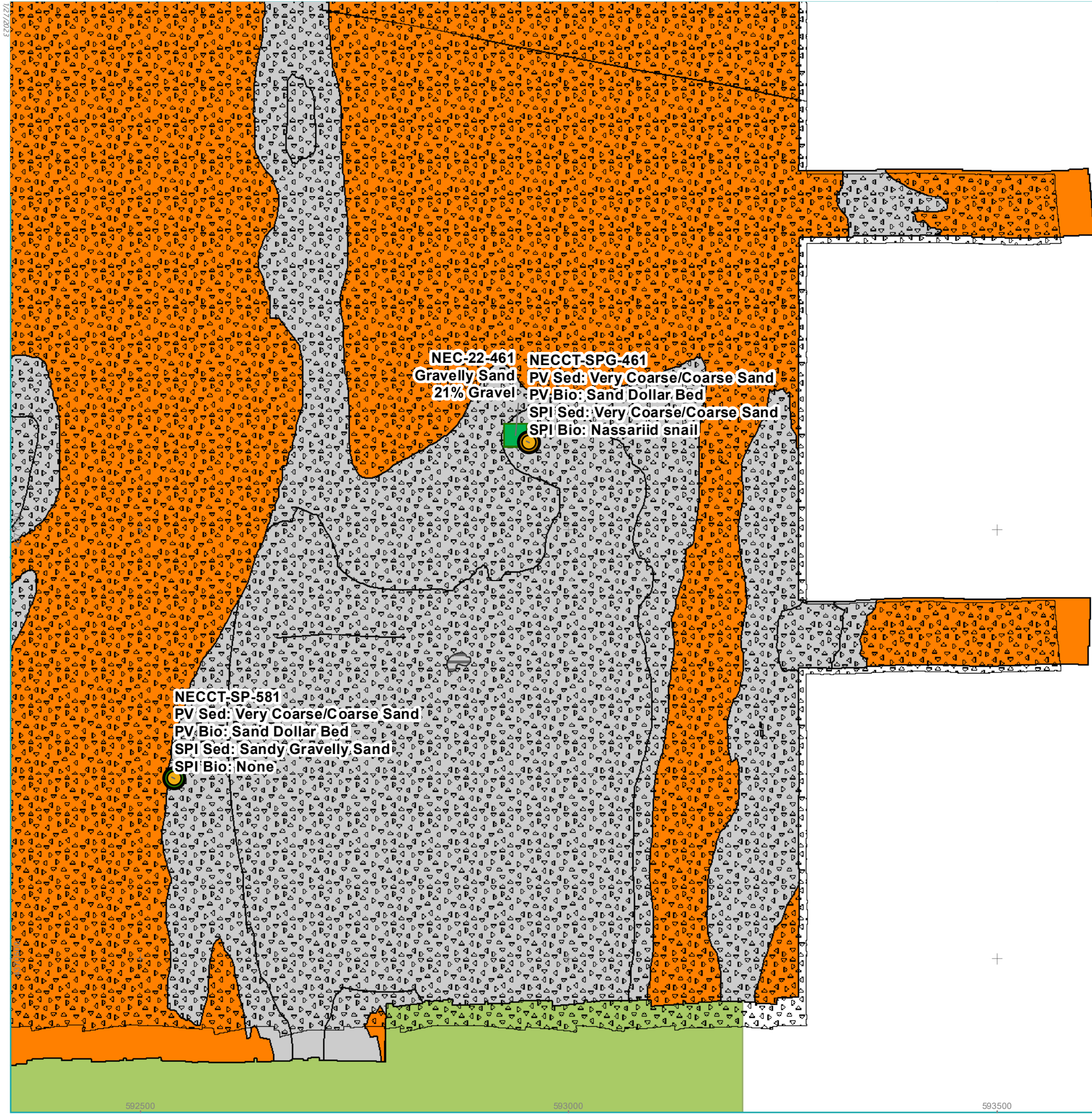
- Soft Bottom Station - PV
- Complex Bottom Station - PV
- Soft Bottom Station - PV
- Complex Bottom Station - Grab Sample
- Ripple
- LocalizedReliefFeature
- Complex Habitat
- Heterogeneous Complex Habitat
- Soft Bottom Habitat
- Monmouth Export Cable Corridor (ECC)
- Northern Export Cable Corridor (ECC)

Figure 336

Northern Export Cable Corridor (ECC)

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7/27/2023



Scale: 1:5,000
Map Projection: NAD 1983 UTM Zone 18N (Meters)
Basemap: World Ocean Base, Esri

4371000

4370500

Figure 337