

**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Census Tract -  
Nassau County, NY. Scenario: Category 1 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 1: Debris Volumes (CY)**

**C&D Debris by Census Tract**

 0 (HAZUS predicts no C&D debris for a Category 1 hurricane.)

 Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

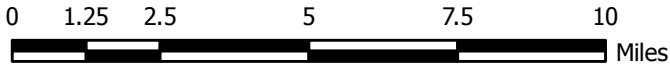
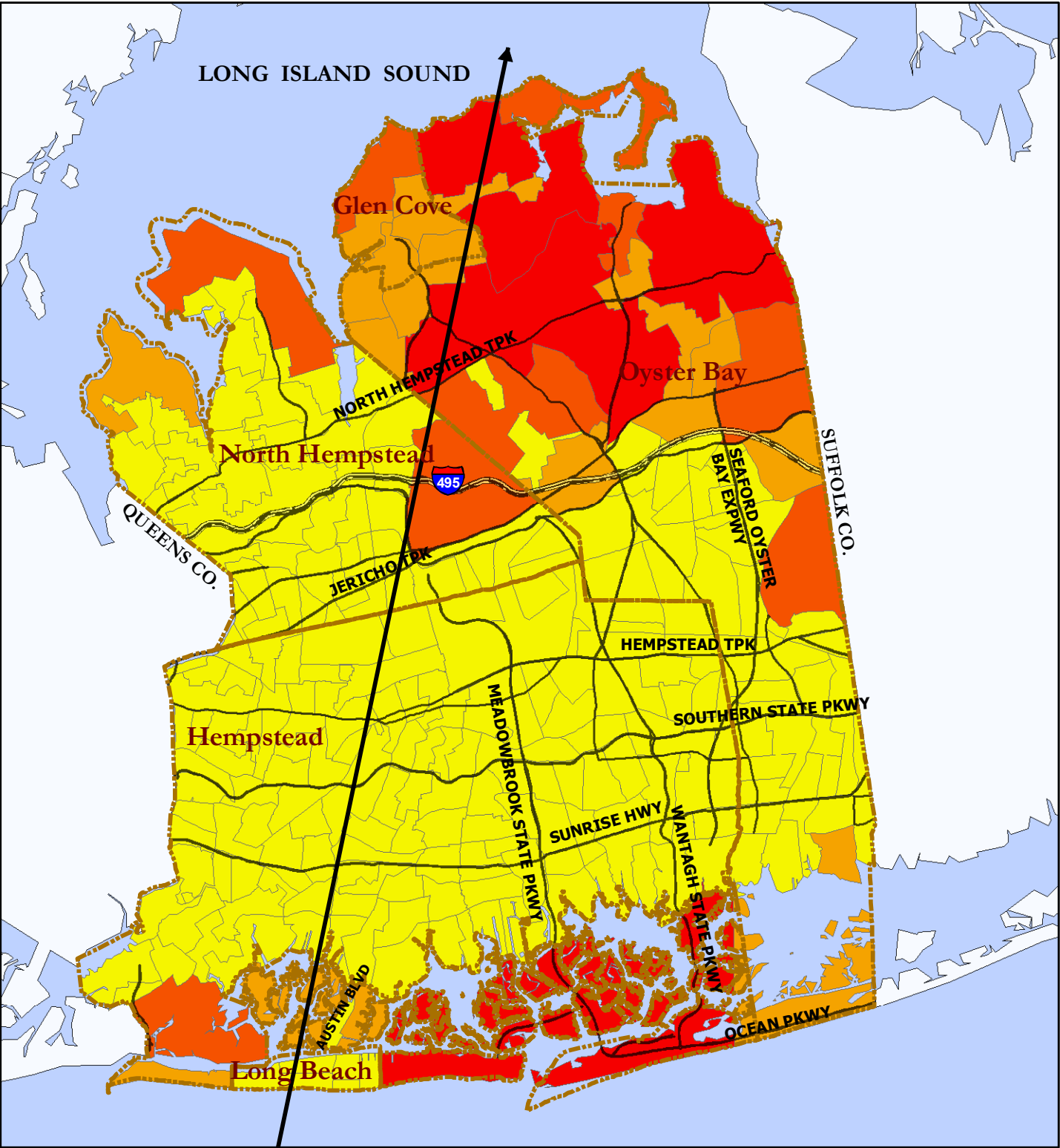
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**Figure B-1**



# Estimated Volume of Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 1 Hurricane



**Category 1: Debris Volumes (CY)**

**Tree Debris by Census Tract**

0 - 2,000

2,000 - 5,000

5,000 - 15,000

15,000 - 37,700

Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

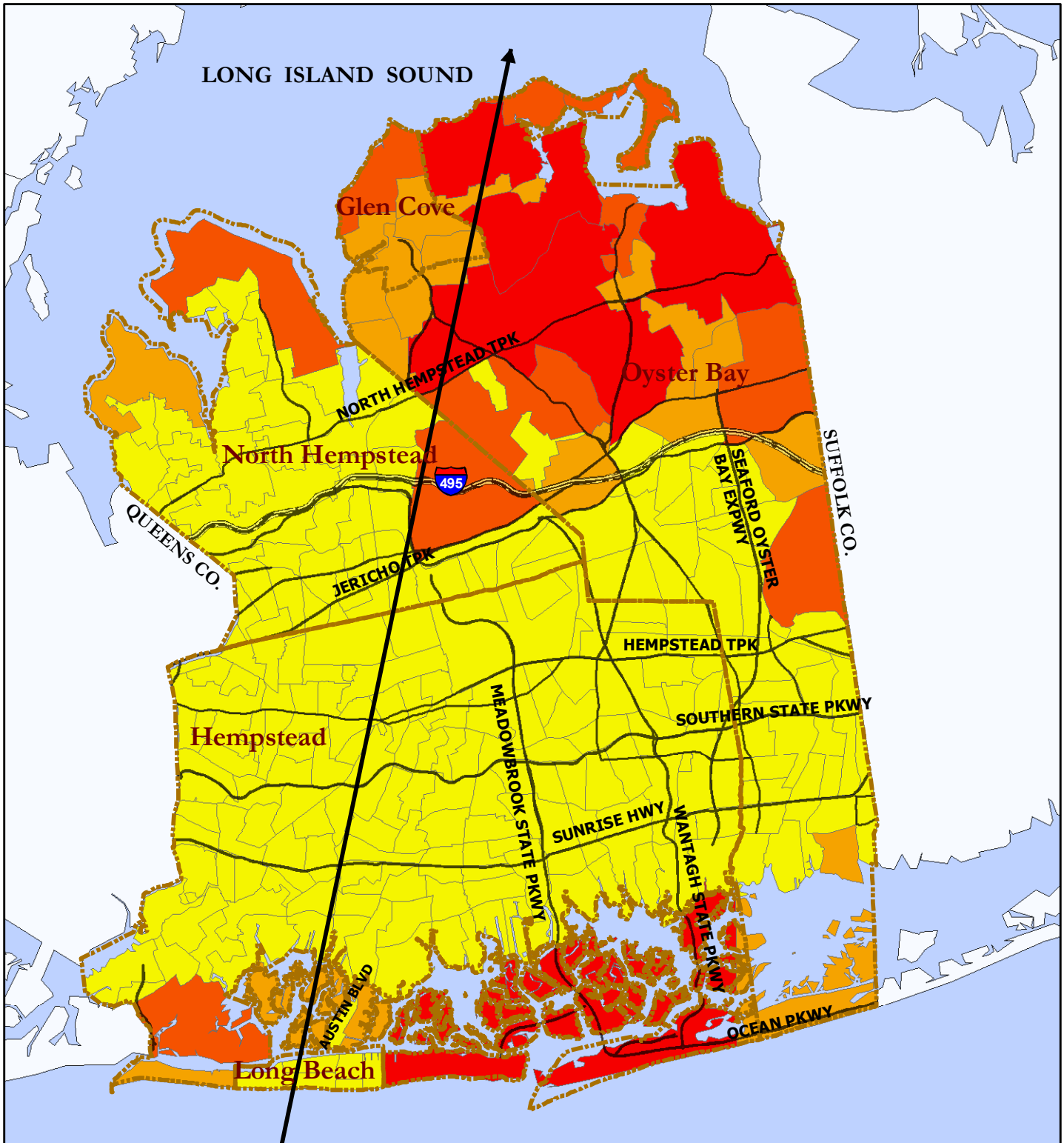
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Figure B-2



**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 1 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 1: Debris Volumes (CY)**

**Combined C&D and Clean Wood Debris by Census Tract**

- |  |                |  |                 |
|--|----------------|--|-----------------|
|  | 0 - 2,000      |  | 15,000 - 37,700 |
|  | 2,000 - 5,000  |  | Hurricane Track |
|  | 5,000 - 15,000 | (HAZUS predicts only clean wood debris for a Category 1 hurricane in Nassau Co.) |                 |

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

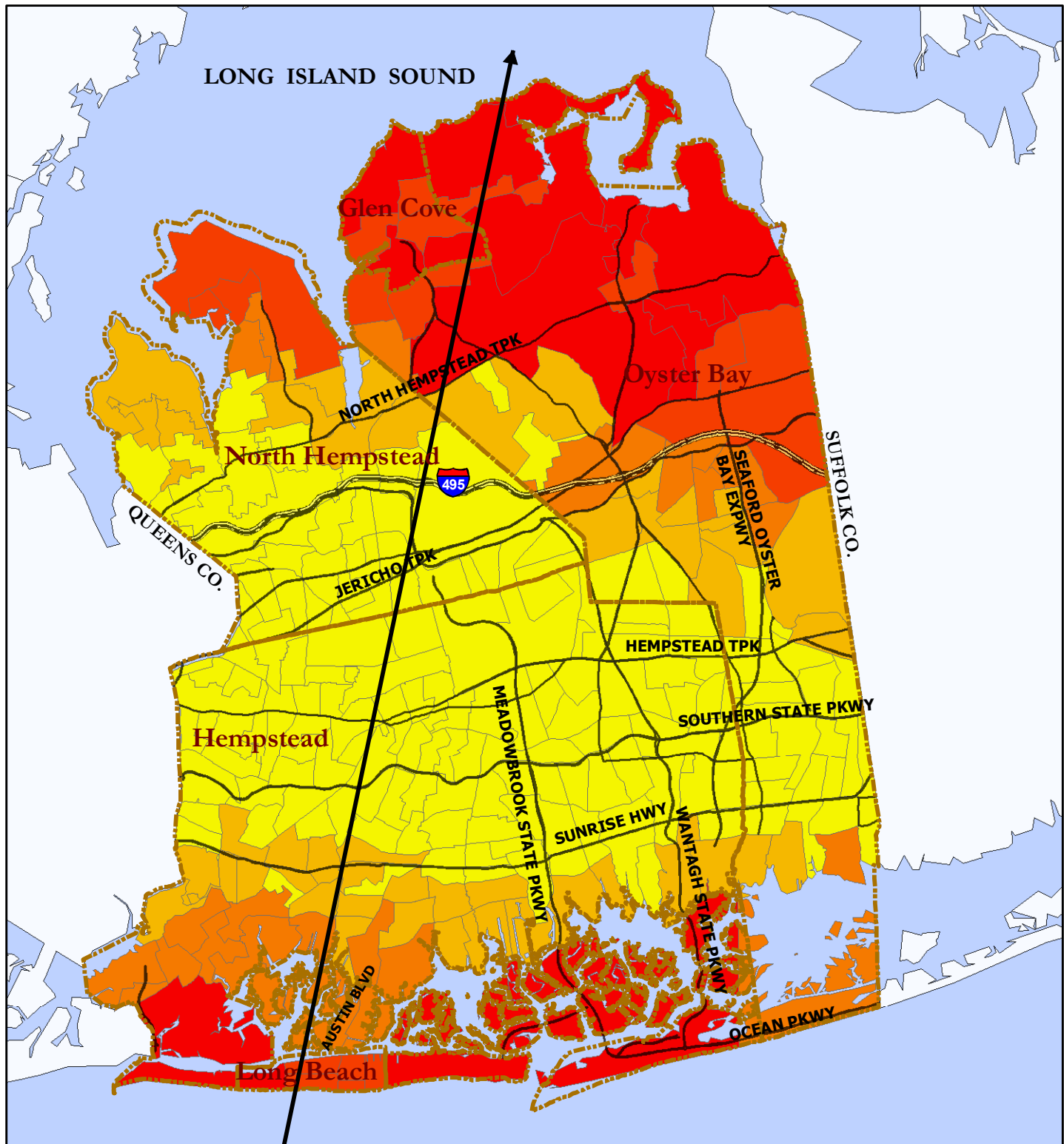
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**Figure B-3**



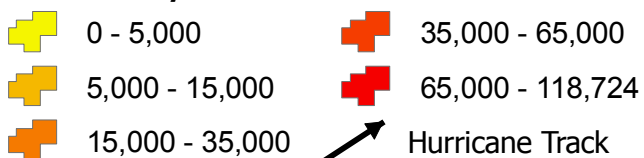
**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Census Tract -  
Nassau County, NY. Scenario: Category 3 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 3: Debris Volumes (CY)**

**C&D Debris by Census Tract**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

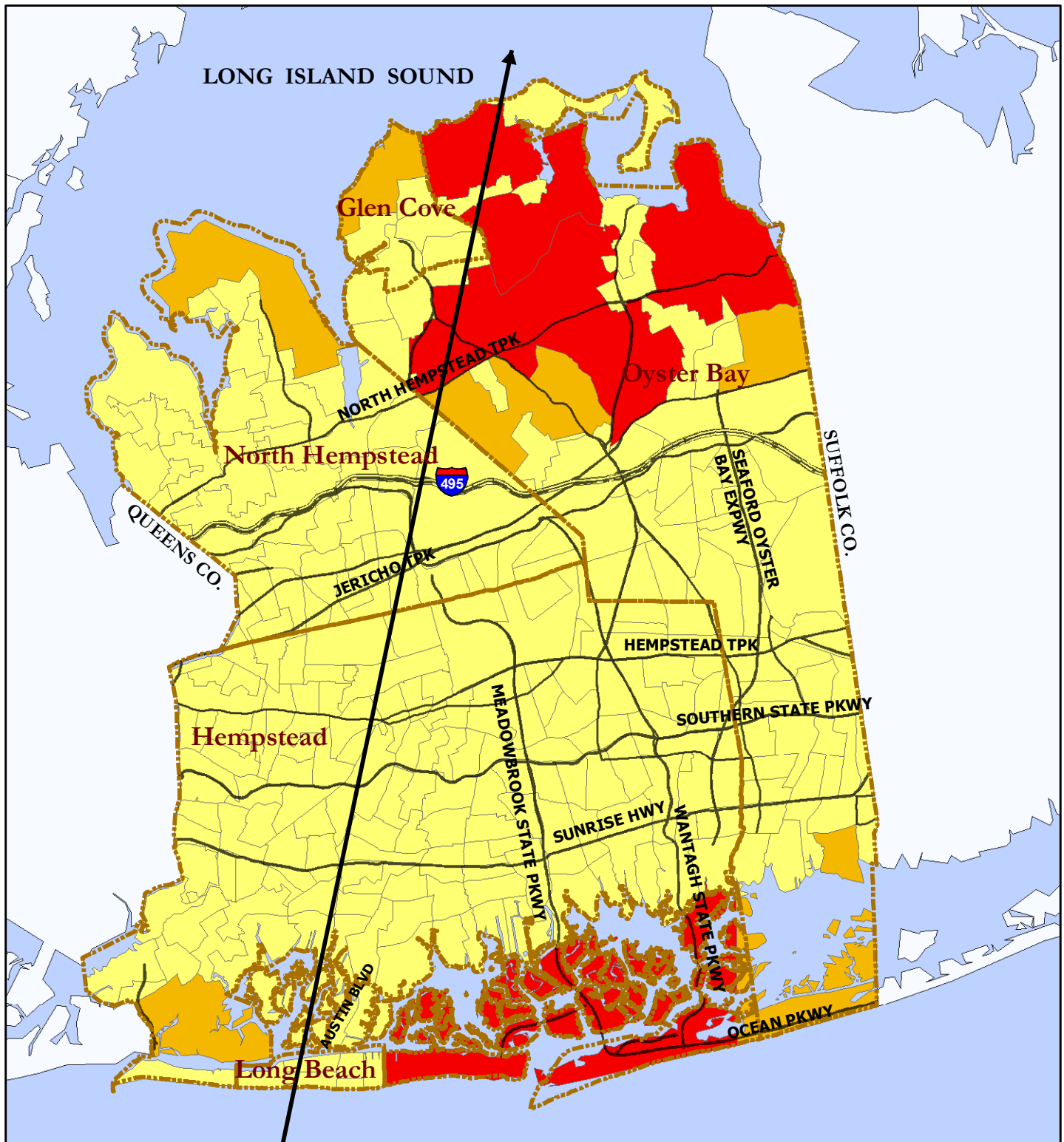
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**Figure B-4**



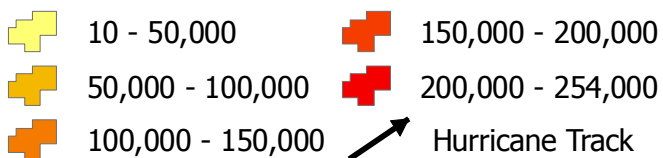
**Estimated Volume of Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 3 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 3: Debris Volumes (CY)**

**Tree Debris by Census Tract**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

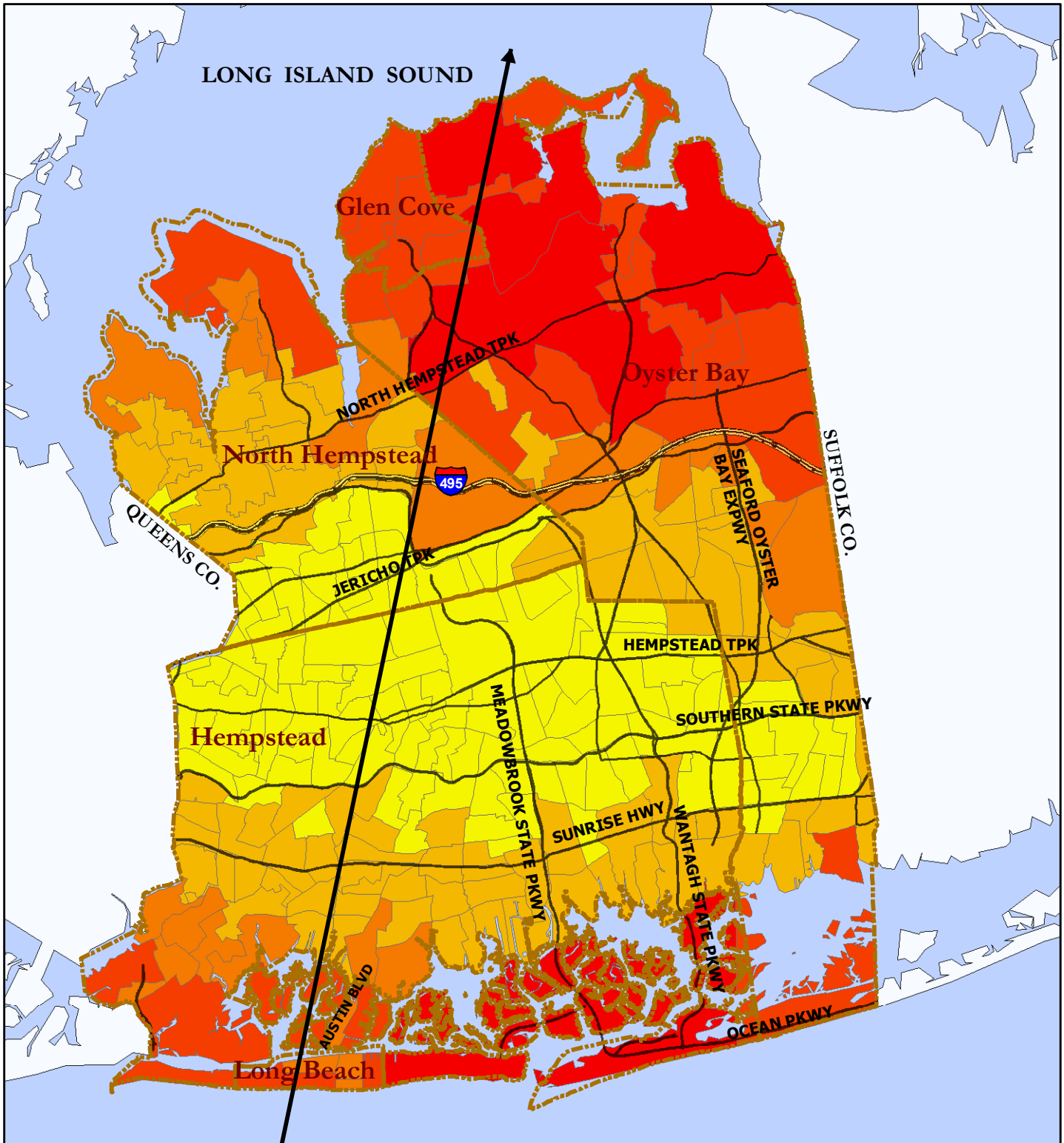
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**Figure B-5**



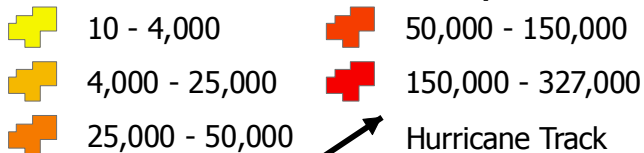
**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 3 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 3: Debris Volumes (CY)**

**Combined C&D and Clean Wood Debris by Census Tract**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

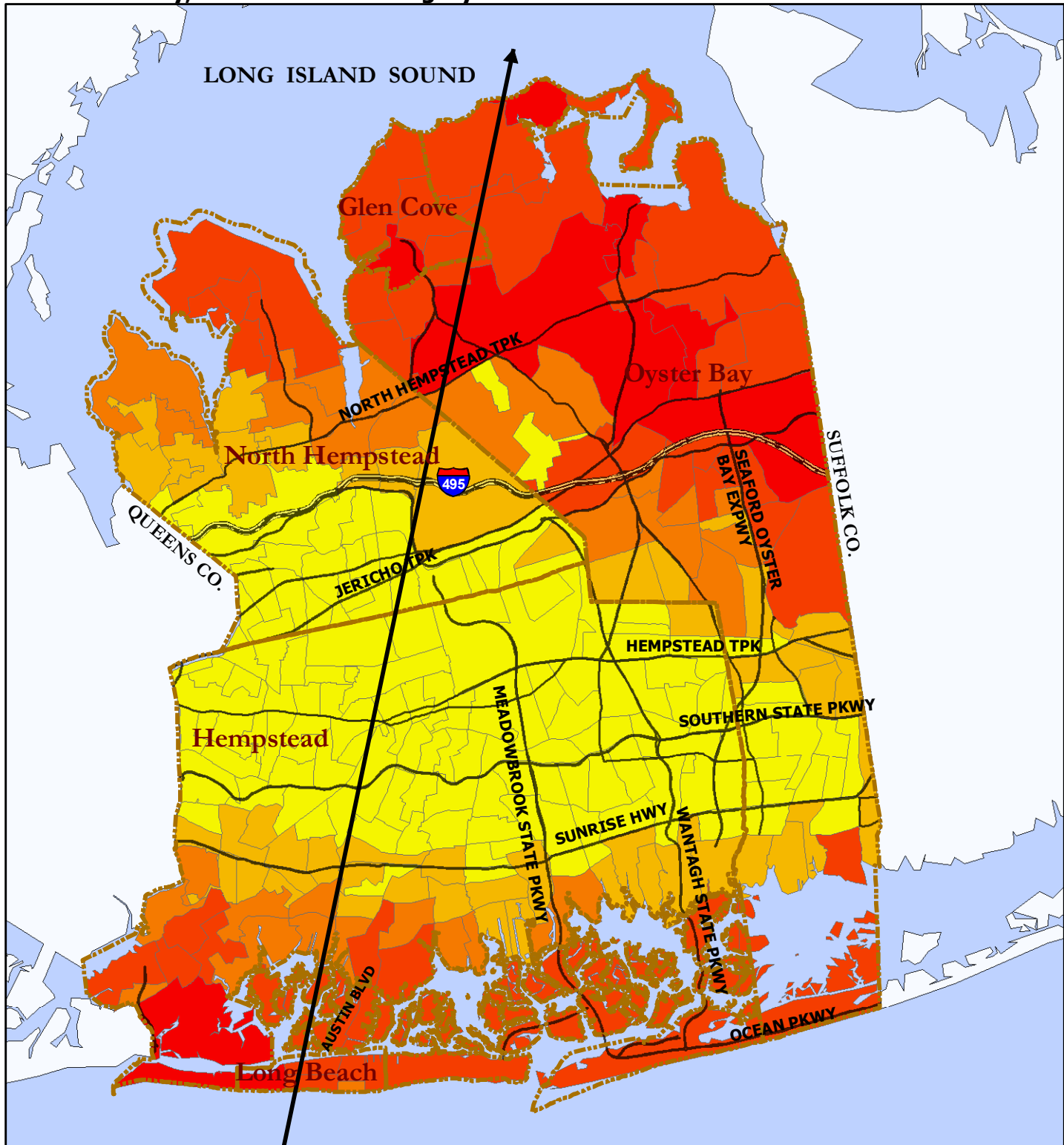
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**Figure B-6**



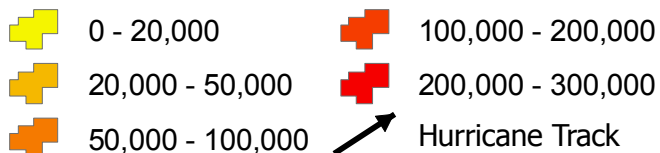
**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Census Tract -  
Nassau County, NY. Scenario: Category 4 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 4: Debris Volumes (CY)**

**C&D Debris by Census Tract**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

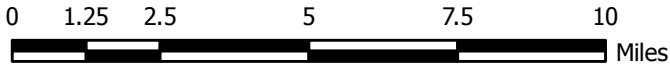
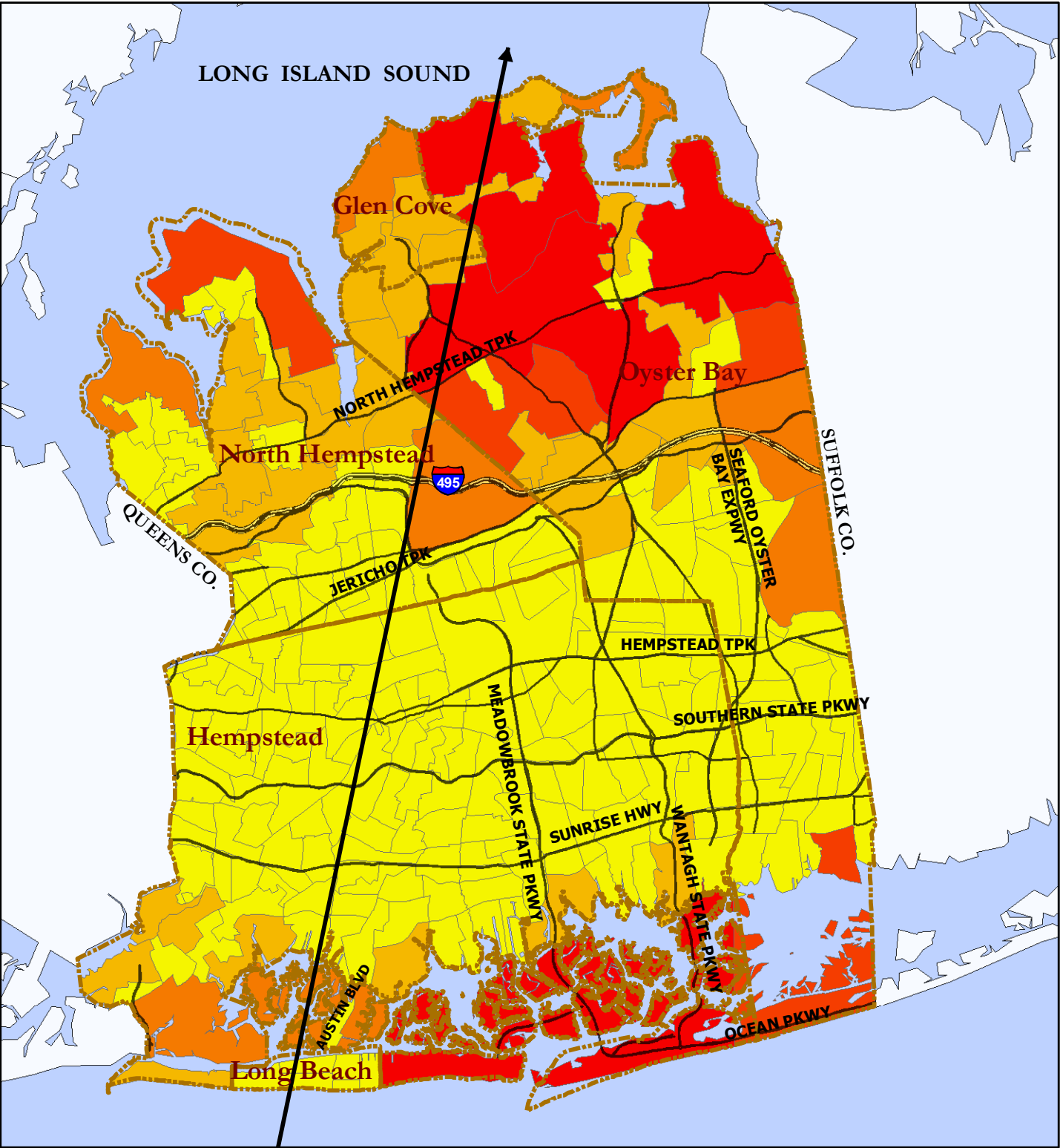
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**Figure B-7**



# Estimated Volume of Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 4 Hurricane



Category 4: Debris Volumes (CY)			
Tree Debris by Census Tract			
	14 - 20,000		100,000 - 200,000
	20,000 - 50,000		200,000 - 525,855
	50,000 - 100,000		Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

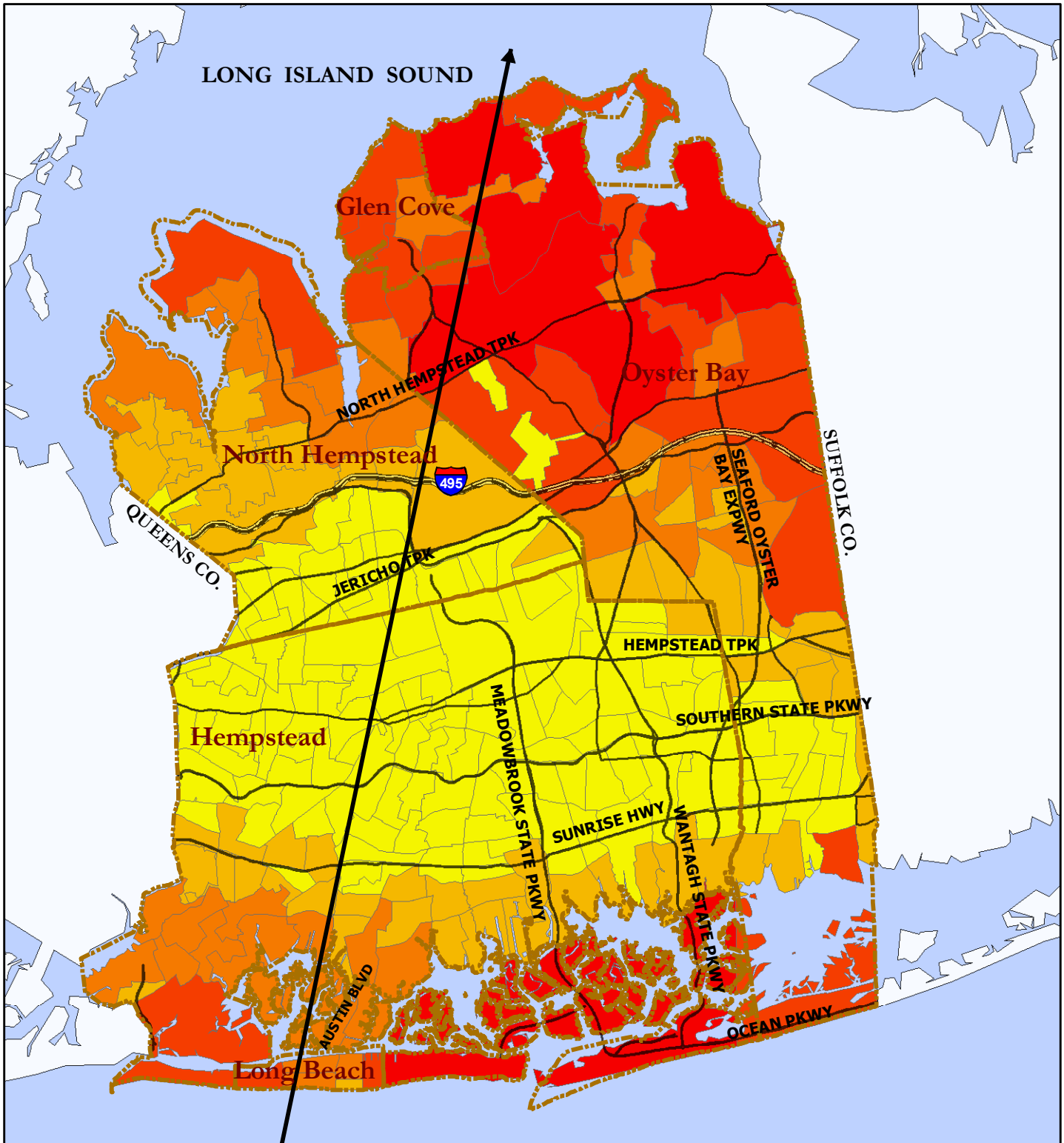
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Figure B-8



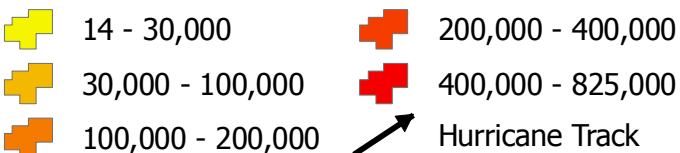
**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Census Tract - Nassau County, NY. Scenario: Category 4 Hurricane**



0 1.25 2.5 5 7.5 10  
 Miles

**Category 4: Debris Volumes (CY)**

**Combined C&D and Clean Wood Debris by Census Tract**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

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**Figure B-9**



**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Debris Control Zones -  
Nassau County, NY. Scenario: Category 1 Hurricane**



 Asian Longhorn Beetle  
Quarantine Area

0 1.25 2.5 5 7.5 10  
Miles

**Category 1: Debris Volumes (CY)  
C&D Debris by Debris Control Zones**

 0 (HAZUS predicts no C&D debris  
for a Category 1 hurricane.)

 Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

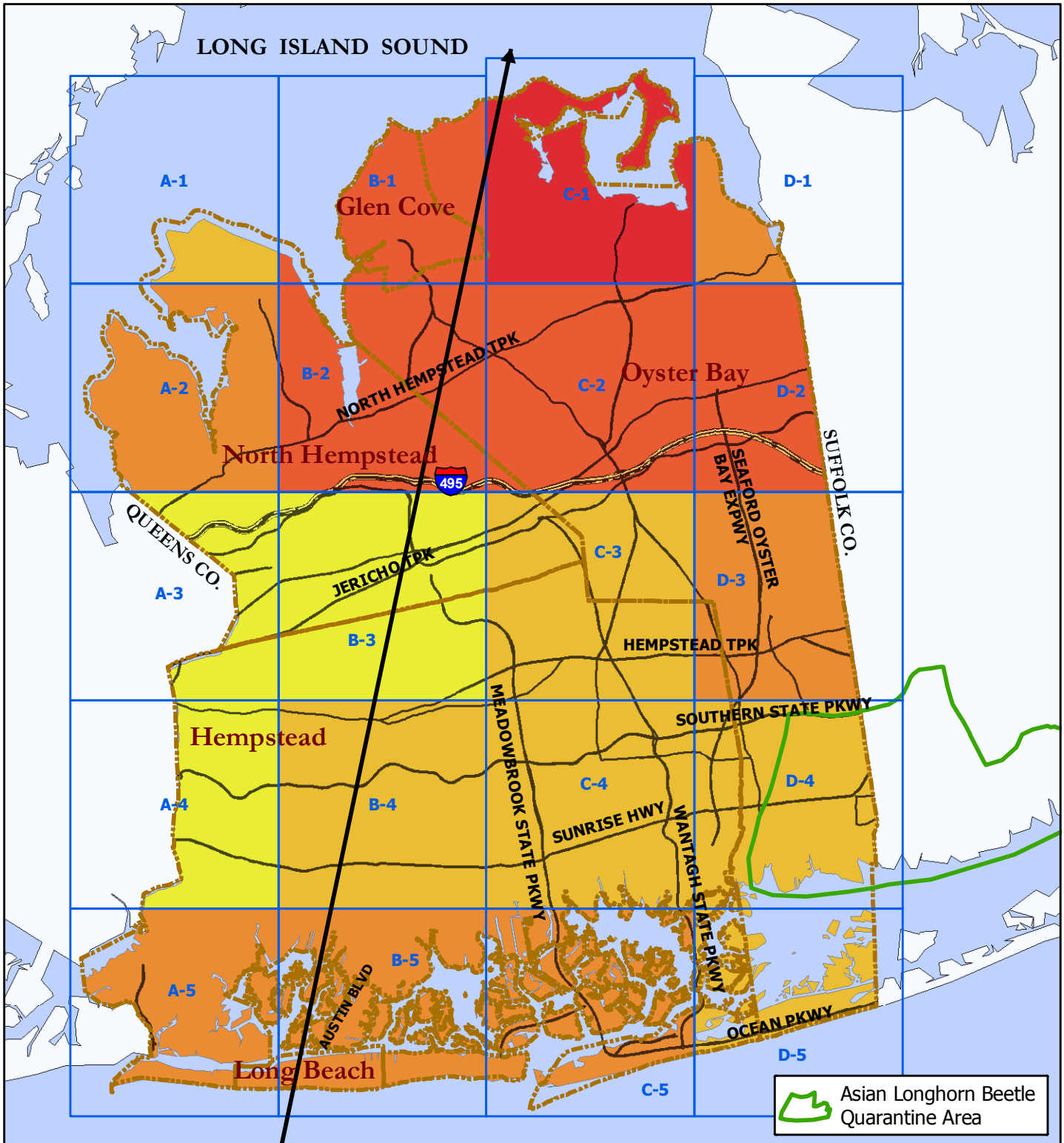
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**Figure B-10**



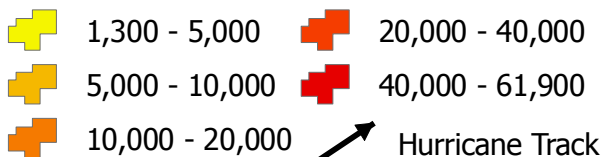
**Estimated Volume of Clean Wood Debris (Cubic Yards) by Debris Control Zones- Nassau County, NY. Scenario: Category 1 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 1: Debris Volumes (CY)**

**Tree Debris by Debris Control Zone**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

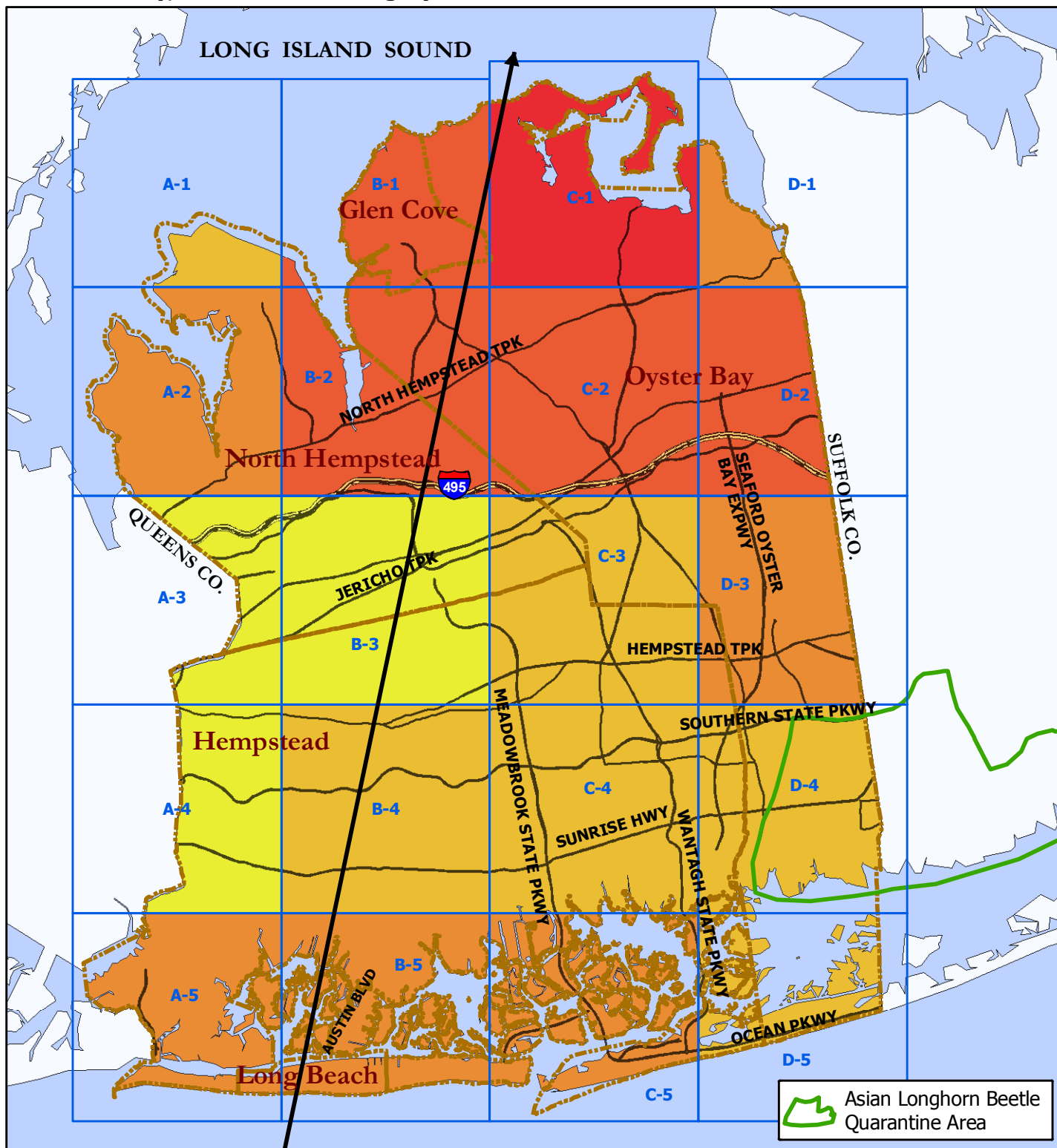
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**Figure B-11**

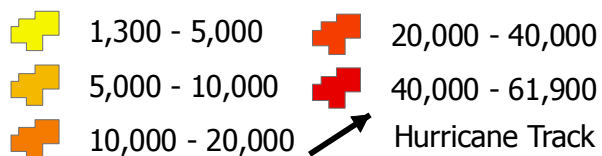


**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Debris Control Zones - Nassau County, NY. Scenario: Category 1 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 1: Debris Volumes (CY)**  
**Combined C&D and Clean Wood Debris by**  
**Debris Control Zones**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

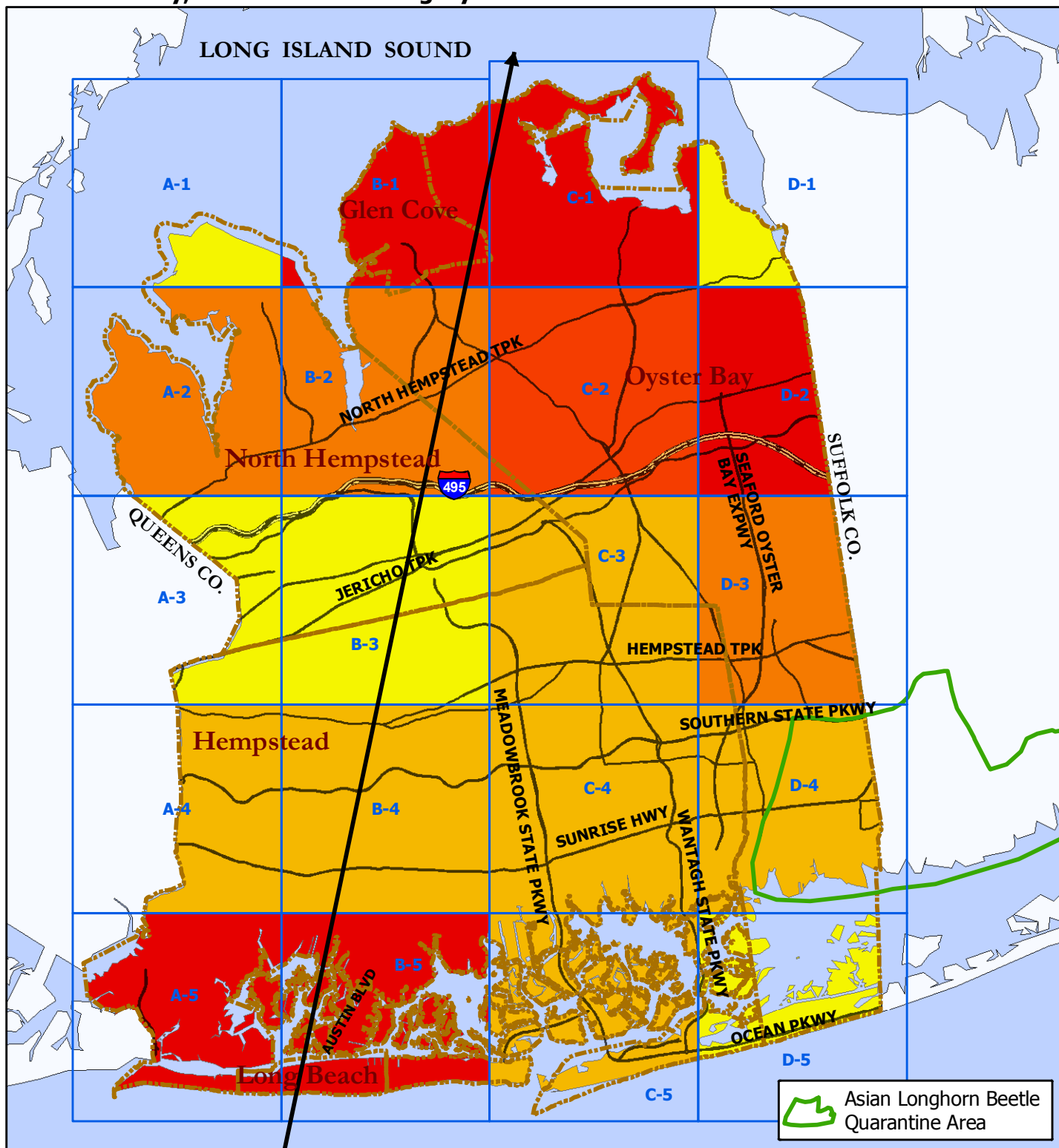
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**Figure B-12**



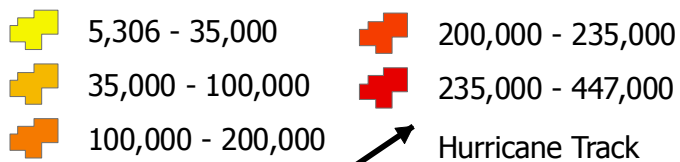
**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Debris Control Zones -  
Nassau County, NY. Scenario: Category 3 Hurricane**



Asian Longhorn Beetle  
Quarantine Area

0 1.25 2.5 5 7.5 10  
Miles

**Category 3: Debris Volumes (CY)  
C&D Debris by Debris Control Zones**



Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

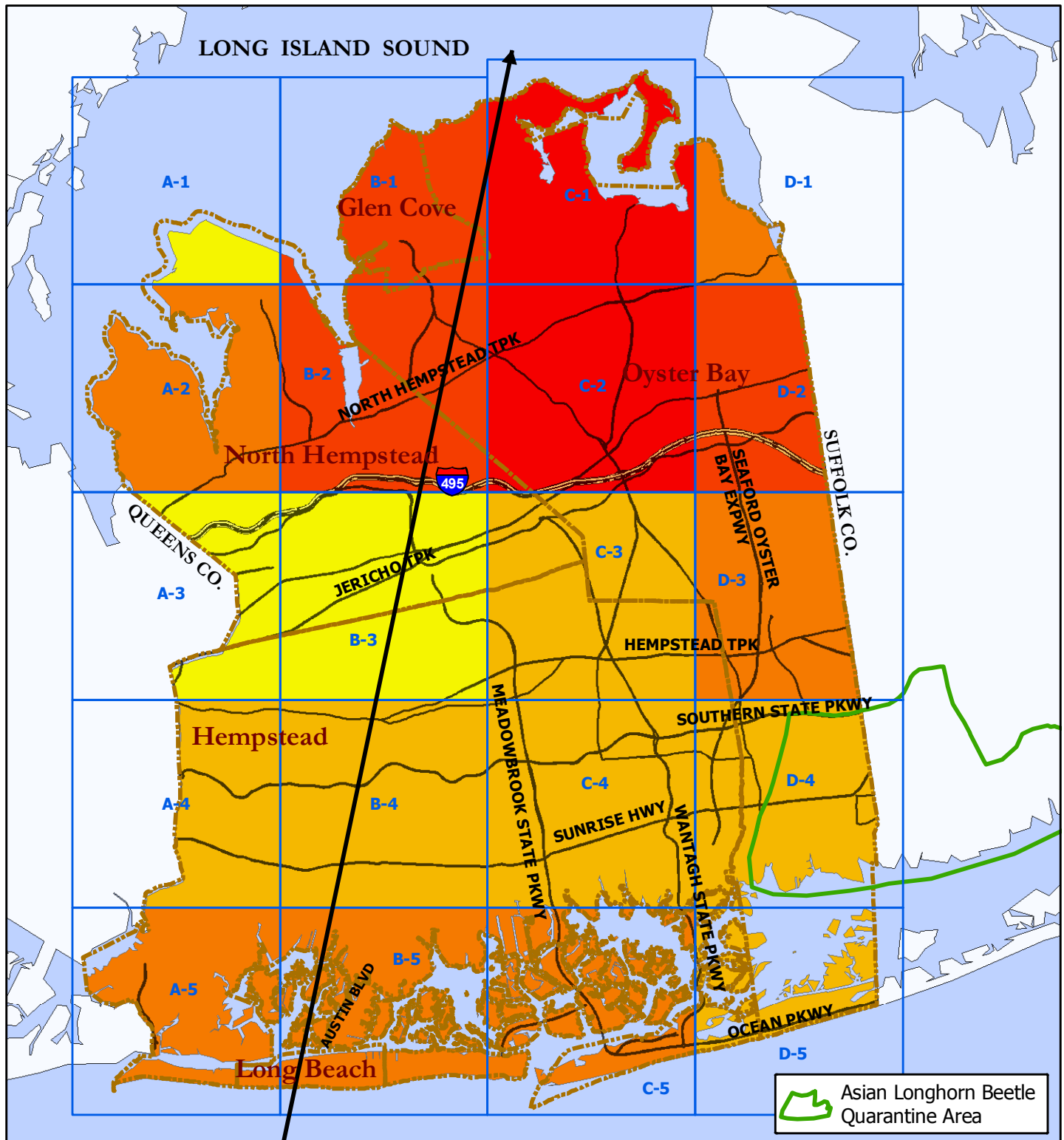
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**Figure B-13**



# Estimated Volume of Clean Wood Debris (Cubic Yards) by Debris Control Zones- Nassau County, NY. Scenario: Category 3 Hurricane



0 1.25 2.5 5 7.5 10 Miles

## Category 3: Debris Volumes (CY) Tree Debris by Debris Control Zone

	13,900 - 50,000		200,000 - 275,000
	50,000 - 100,000		275,000 - 371,200
	100,000 - 200,000		Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

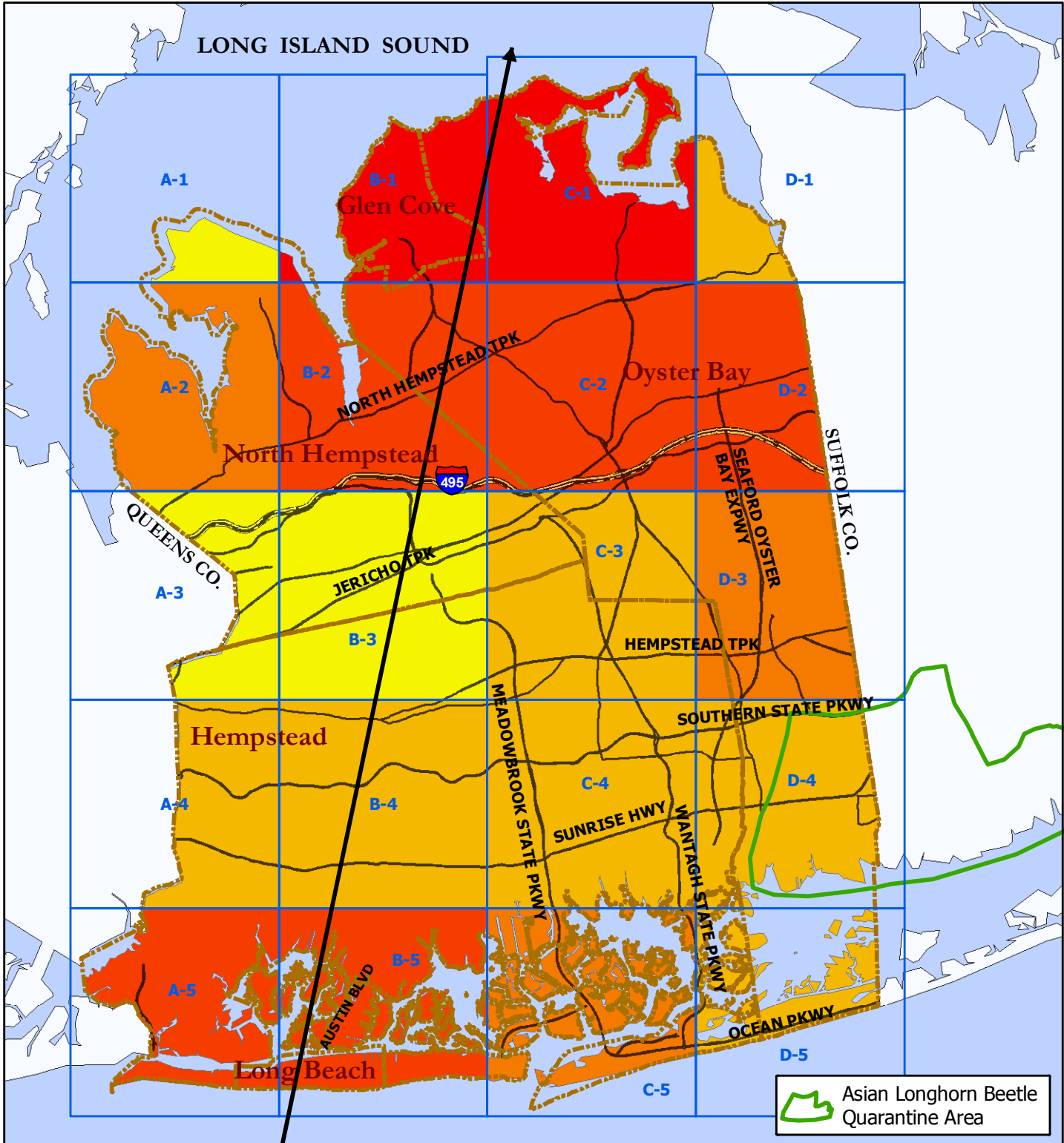
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**Figure B-14**



**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Debris Control Zones - Nassau County, NY. Scenario: Category 3 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 3: Debris Volumes (CY)**  
**Combined C&D and Clean Wood Debris by**  
**Debris Control Zones**

- |  |                   |  |                   |
|--|-------------------|--|-------------------|
|  | 19,200 - 100,000  |  | 400,000 - 600,000 |
|  | 100,000 - 200,000 |  | 600,000 - 818,200 |
|  | 200,000 - 400,000 |  | Hurricane Track   |

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

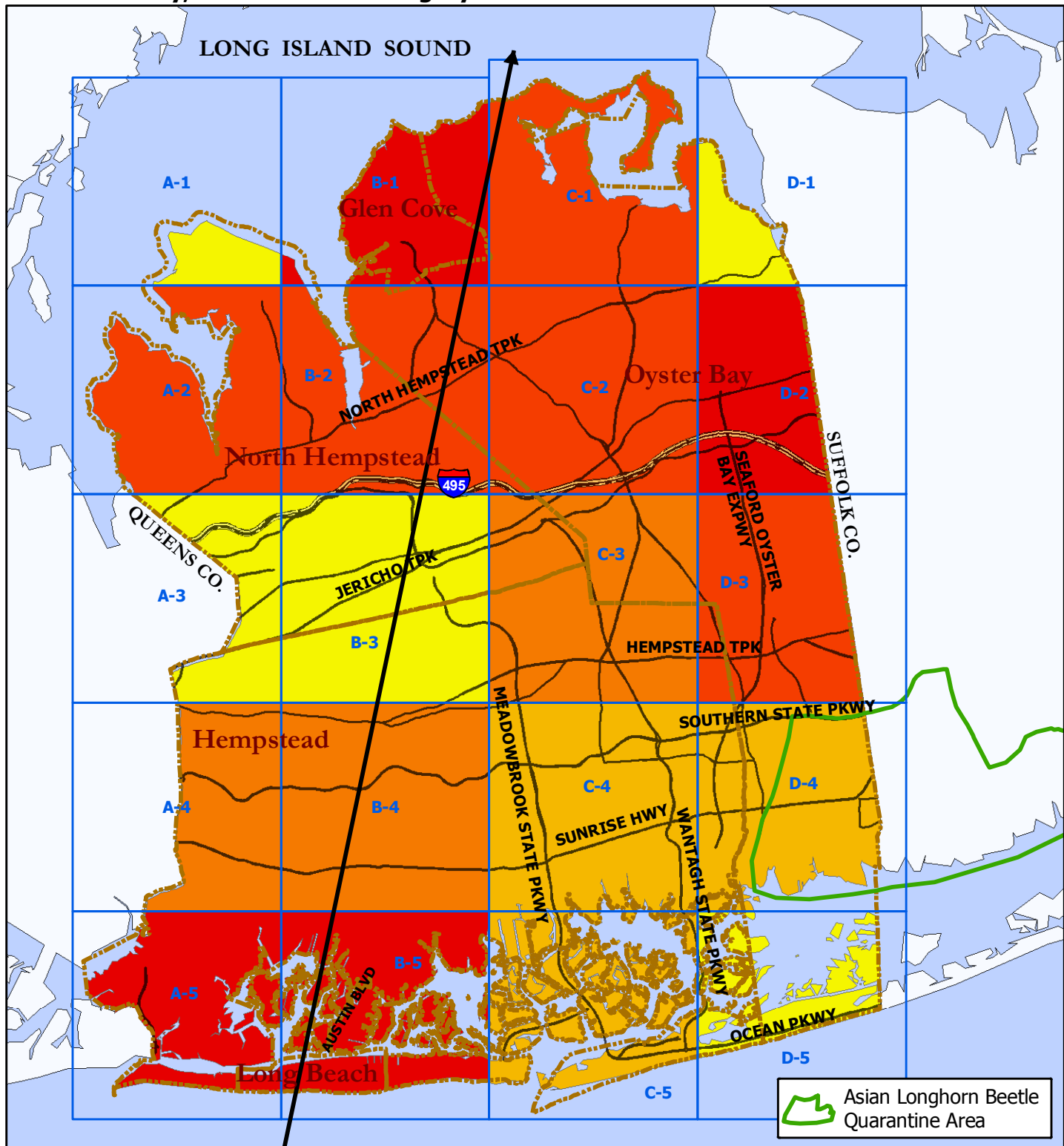
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**Figure B-15**



**Estimated Volume of Construction and Demolition (C&D)  
Debris (Cubic Yards) by Debris Control Zones -  
Nassau County, NY. Scenario: Category 4 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 4: Debris Volumes (CY)  
C&D Debris by Debris Control Zones**

	40,200 - 140,000		875,000 - 1,120,000
	140,000 - 340,000		1,120,000 - 1,601,400
	340,000 - 875,000		Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris.

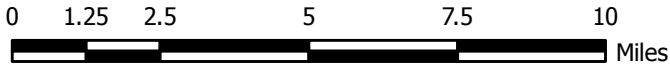
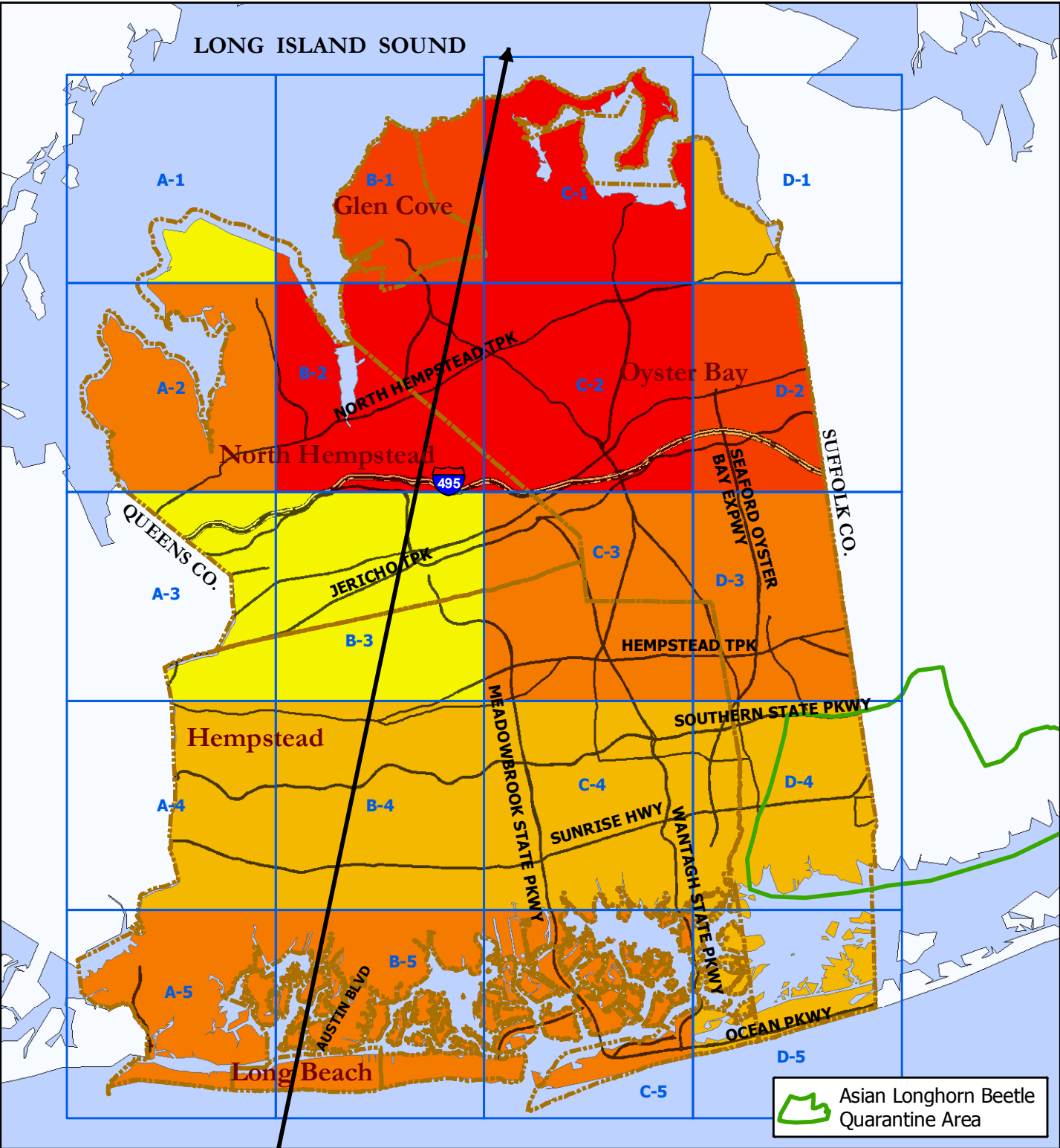
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**Figure B-16**



# Estimated Volume of Clean Wood Debris (Cubic Yards) by Debris Control Zones- Nassau County, NY. Scenario: Category 4 Hurricane



**Category 4: Debris Volumes (CY)**

**Tree Debris by Debris Control Zone**

	46,900 - 125,000		290,000 - 440,000
	125,000 - 220,000		440,000 - 663,108
	220,000 - 290,000		Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 10 CY of uncompacted tree debris per ton of tree debris.

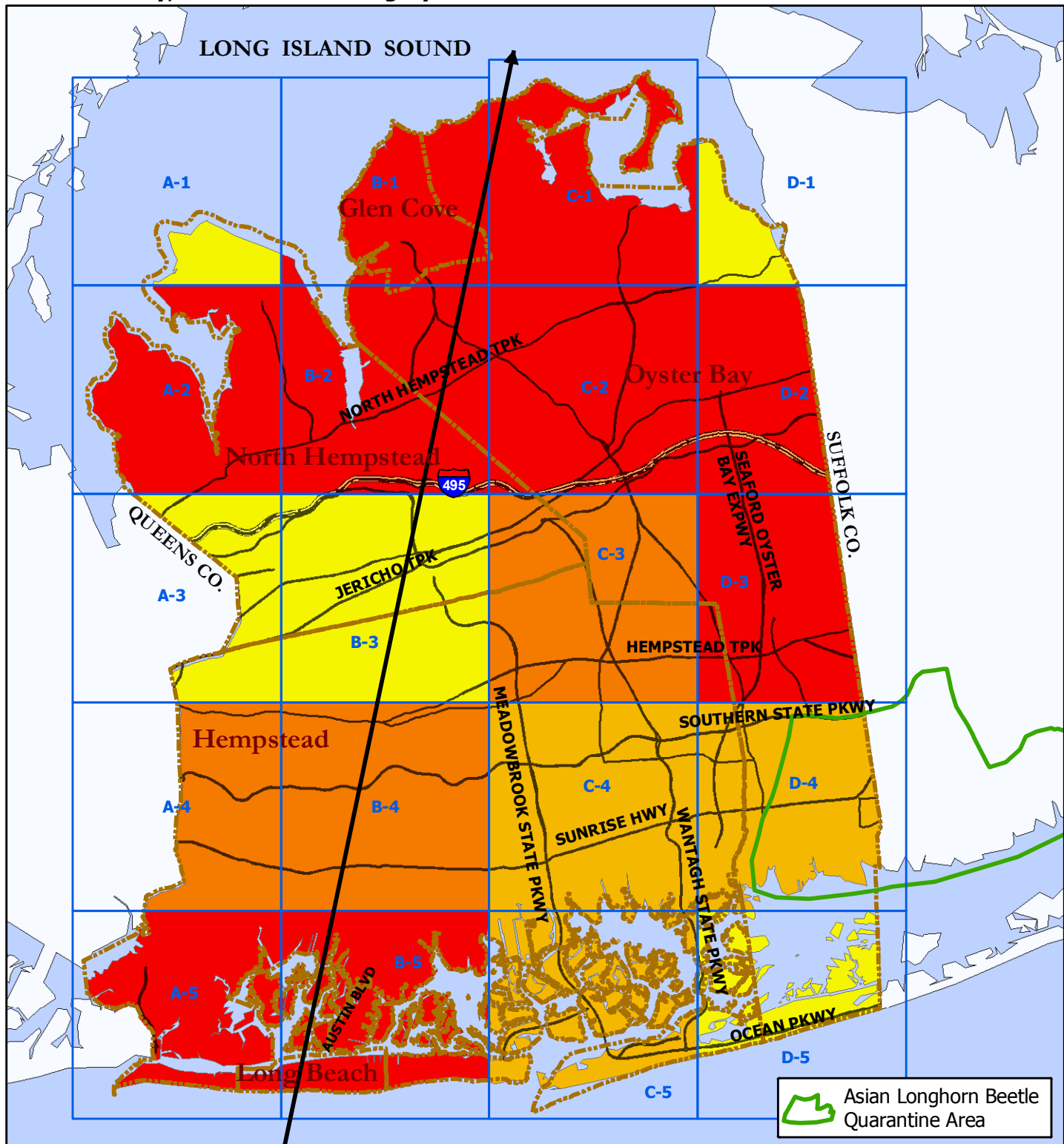
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Figure B-17



**Estimated Volume of Combined Construction and Demolition (C&D) and Clean Wood Debris (Cubic Yards) by Debris Control Zones - Nassau County, NY. Scenario: Category 4 Hurricane**



0 1.25 2.5 5 7.5 10  
Miles

**Category 4: Debris Volumes (CY)**

**Combined C&D and Clean Wood Debris by Debris Control Zones**

	87,152 - 310,000		825,000 - 150,000
	310,000 - 525,000		150,000 - 1,878,000
	525,000 - 825,000		Hurricane Track

Debris volumes were generated using FEMA's HAZUS damage estimation module. Volumes use a conversion factor of 4 CY per ton of Construction and Demolition (C&D) debris and 10 CY per ton of Clean Wood debris.

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**Figure B-18**