

0 1800 3600 Feet

NSRS BENCHMARK	LOCAL CONTROL
BENCHMARK: MOR1 A (PID: AI9628)	BENCHMARK: SMITH POINT
ELEVATION: 4.41' NAVD88	ELEVATION: 17.24' NAVD88

PROJECT SPECIFIC NOTES:

-THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
-THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND LAMBERT - ZONE 3104, US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
-MEAN LOWER LOW WATER IS 0.7 - 1.4 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
-CONTOURS ON THIS MAP WERE GENERATED USING THE 3' x 3' DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY DISCOVER GIS DATA NY 2023 AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATIONS "MOR1 A & RTK FRITZ".

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PR: JHS, CWF
MP: JHS, CAM

DATES OF SURVEY:
22 - 23 JANUARY 2026
26 - 27 FEBRUARY 2026

REQUEST NUMBER: 5653/SL/AL

SCALE: ONE INCH = 1800 FEET

FIELD BOOKS:
1052, 1057

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MIRAZ, CHIEF OF SURVEYS AND MAPPING BRANCH
ISSUE DATE: 02 MARCH 2026

U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

LONG ISLAND INTRACOASTAL WATERWAY
NEW YORK
AFTER DREDGE SURVEY

VH-101
1 OF 13

0 100 200 Feet

*FOR PROJECT SPECIFIC NOTES AND CONTROL REFER TO SHEET VH-101

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WP	JHS, CAM

DATES OF SURVEY:
22 - 23 JANUARY 2026
26 - 27 FEBRUARY 2026

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1052, 1057

REQUEST NUMBER: 5663/SUAL

APPROVED: J. MCKELVEY
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MIRAZ
CHIEF OF SURVEYS AND MAPPING BRANCH

ISSUE DATE: 02 MARCH 2026

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NEW YORK
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0 100 200 Feet

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MP	JHS, CAM

DATES OF SURVEY:
22 - 23 JANUARY 2026
26 - 27 FEBRUARY 2026

REQUEST NUMBER: 5653/SUAL

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:
1052, 1057

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: CHIEF OF SURVEYS AND MAPPING BRANCH
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26 - 27 FEBRUARY 2026

REQUEST NUMBER: 5653/SUAL

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1052, 1057

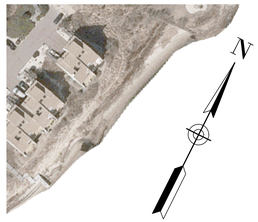
APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
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NEW YORK
AFTER DREDGE SURVEY

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MATCH TO SHEET 4

MOUND #2
X: 1299589.90
Y: 211071.70
Z: 3.9 MLLW

MOUND #3
X: 1300687.60
Y: 211412.10
Z: 3.5 MLLW

MATCH TO SHEET 6



0 100 200 Feet

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SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1052, 1057

APPROVED: J. MCKELVEY
FIELD CARTOGRAPHER

APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. LINDZ
CHIEF OF SURVEYS AND MAPPING BRANCH

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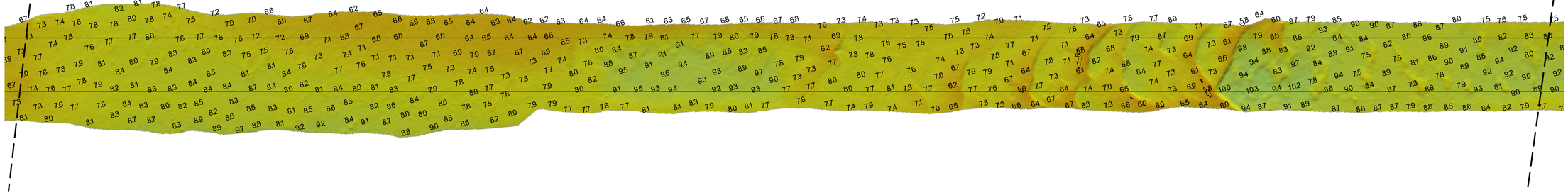
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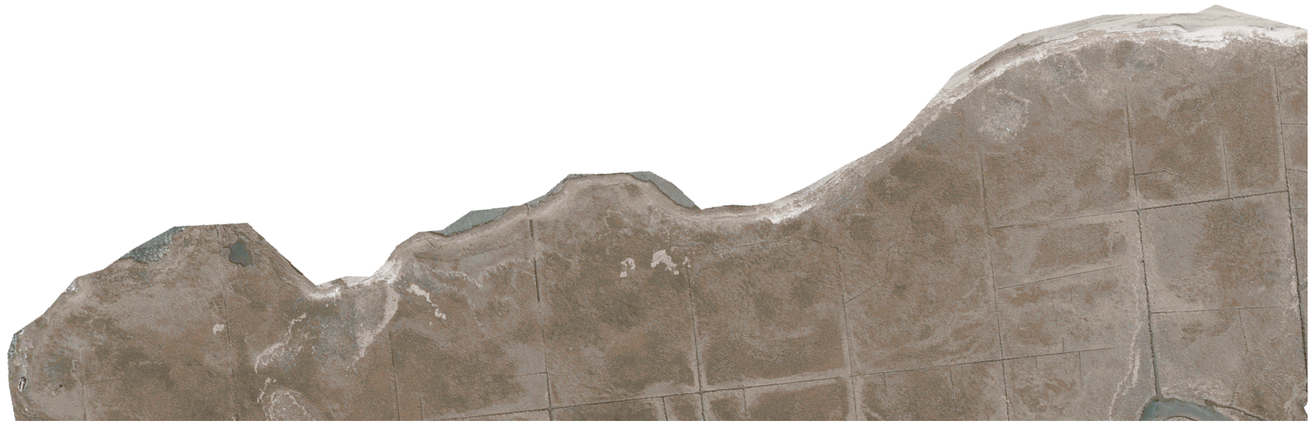
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MATCH TO SHEET 6



MATCH TO SHEET 8



0 100 200 Feet

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1052, 1057

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APPROVED:	J. MCKELVEY	FIELD CARTOGRAPHER
APPROVED:	B. HIGGINS	LEAD CARTOGRAPHER
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MAY	CHIEF OF SURVEYS AND MAPPING BRANCH
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0 100 200 Feet

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APPROVED: B. HIGGINS
LEAD CARTOGRAPHER

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. LOPEZ
CHIEF OF SURVEYS AND MAPPING BRANCH

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APPROVED: J. LOPEZ
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APPROVED: J. LAY
CHIEF OF SURVEYS AND MAPPING BRANCH

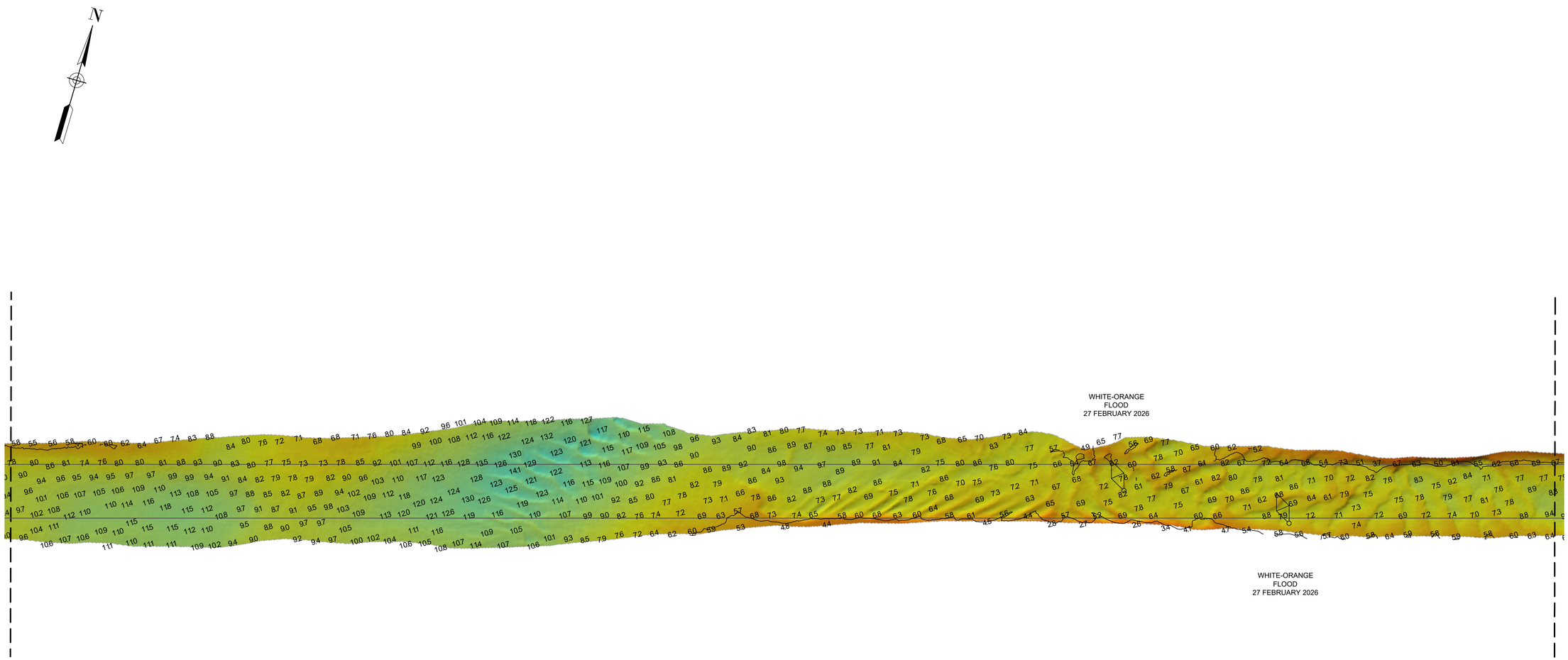
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MP	JHS	CAM

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APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	CHIEF OF SURVEYS AND MAPPING BRANCH	
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LONG ISLAND INTRACOASTAL WATERWAY
NEW YORK
AFTER DREDGE SURVEY

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WP	JHS, CAM

DATES OF SURVEY:
22 - 23 JANUARY 2026
26 - 27 FEBRUARY 2026

REQUEST NUMBER: 5653/SUAL

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1052, 1057

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: B. HIGGINS, LEAD CARTOGRAPHER
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. LOPEZ, CHIEF OF SURVEYS AND MAPPING BRANCH
ISSUE DATE: 02 MARCH 2026

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LONG ISLAND INTRACOASTAL WATERWAY
NEW YORK
AFTER DREDGE SURVEY

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