



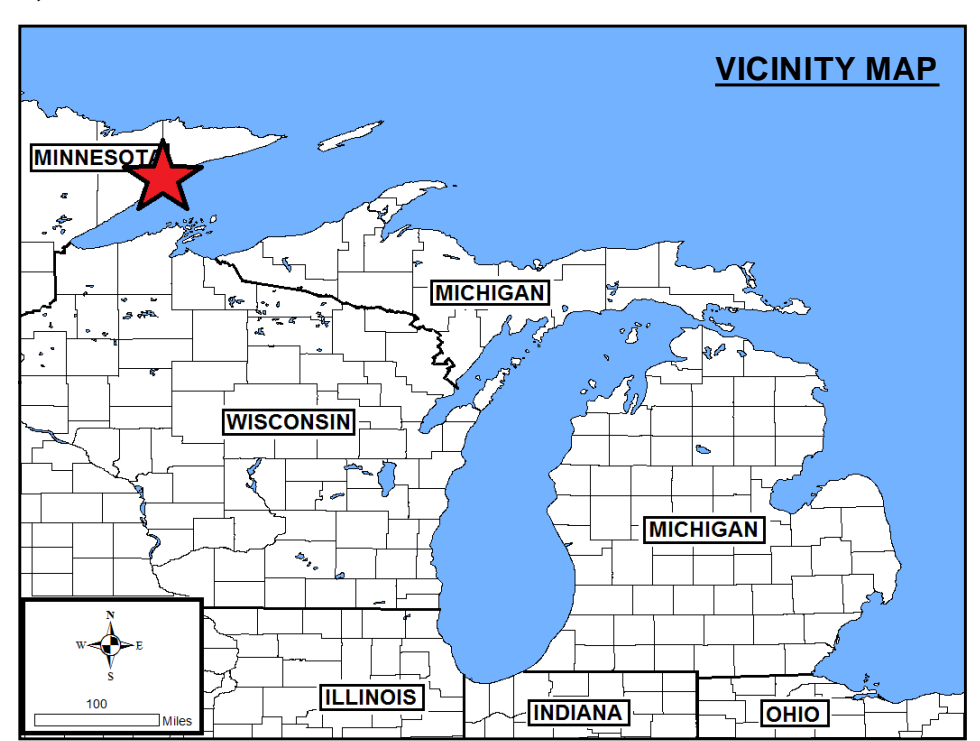
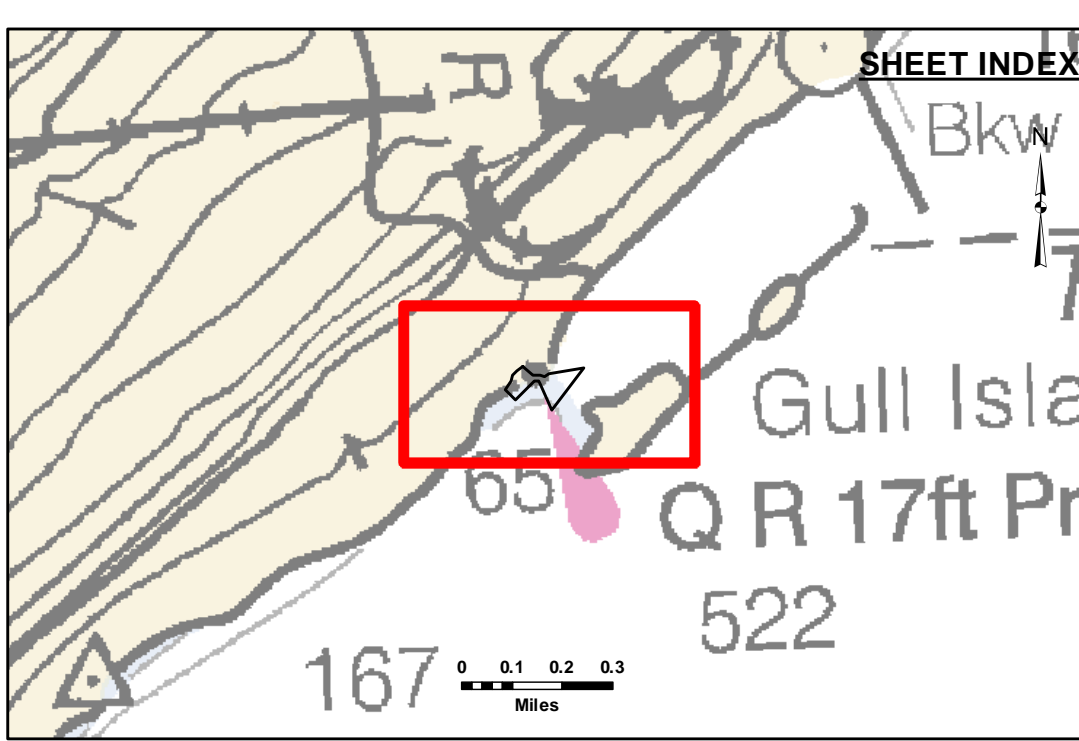
Disclaimer: The data represents the results of data collection and processing for a specific US Army Corps of Engineers activity and indicates the general existing conditions. It is not intended to be used for any other purpose, accuracy, or application of the data for other than its intended purpose.

Access Constraints: The United States Government furnishes these data and the recipient accepts and uses them with the express understanding that the data are provided for informational purposes only. The recipient is responsible for the accuracy, reliability, usability, or suitability for any particular purpose of the data. These data are provided to the recipient under no liability whatsoever to any person by reason of any use made thereof. These data belong to the Government. Therefore the recipient may not transfer, disseminate, or otherwise use these data to others without also transferring this Disclaimer.

U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Survey Section	
	Chief, Technical Services	

Taconite Harbor, MN (DNR)
Taconite Harbor (DNR)
TC_01_NTE_20210317_CS
17 March 2021

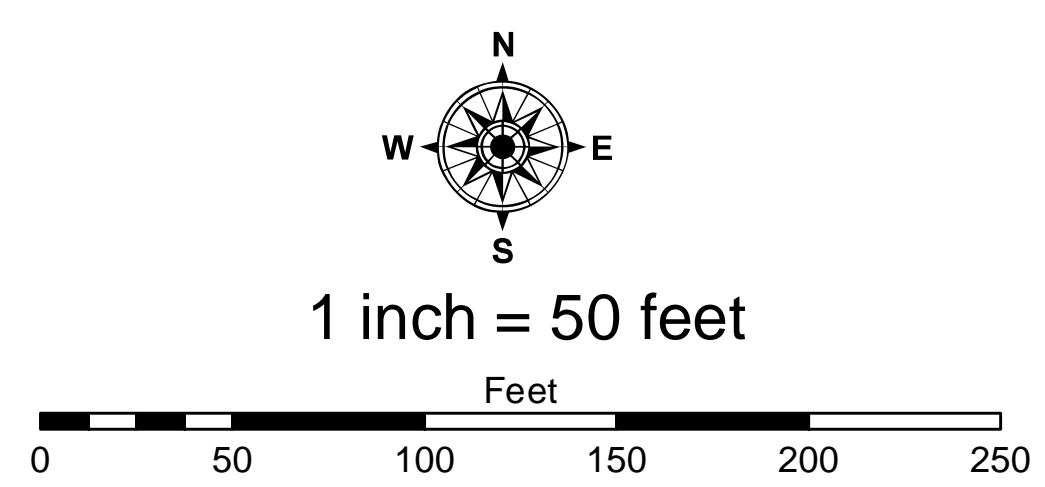
Sheet Reference Number
1 of 1



LEGEND
— Contour Lines
▭ Channel Limits

SOUNDING LEGEND

Red	ABOVE -8.0' LWD
Light Blue	-8.0' LWD
Medium Blue	-9.0' LWD
Dark Blue	-10.0' LWD
Very Dark Blue	-11.0' LWD
Black	-14.0' LWD
Dark Purple	-15.0' LWD



NOTES:

- 1) THE INFORMATION DEPICTED ON THIS CHART REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.
- 2) SOUNDING DEPTHS ARE REFERENCED TO INTERNATIONAL GREAT LAKES DATUM 1985 (IGLD 85) LOW WATER DATUM ELEVATION 601.1 FEET ABOVE MEAN WATER LEVEL AT RIMOUSKI, QUEBEC. WATER LEVEL READINGS WERE OBTAINED WITH RTK GPS VALUES. DEPTHS ARE MEASURED USING A TELEDYNE ECHOTRAC E20 PORTABLE SURVEY SOUNDER.
- 3) HORIZONTAL POSITIONING IS DETERMINED USING REAL TIME KINEMATIC (RTK) GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) CORRECTIONS FROM A BASE STATION LOCATED AT USACE CONTROL POINT 506, A PK NAIL SET IN CONCRETE NEAR THE NORTHWESTERLY CORNER OF THE BOAT RAMP. THE GPS RECEIVERS ARE MANUFACTURED BY TRIMBLE, MODELS SP751 AND R10.
- 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2201), NORTH AMERICAN DATUM 1983 (NAD 83), US SURVEY FOOT.
- 5) THERE ARE NO AUTHORIZED NAVIGATION CHANNEL LIMITS OR AUTHORIZED CHANNEL DEPTHS FOR TACONITE HARBOR, MN. THIS IS A MN-DNR HARBOR WITH USACE STRUCTURES.