

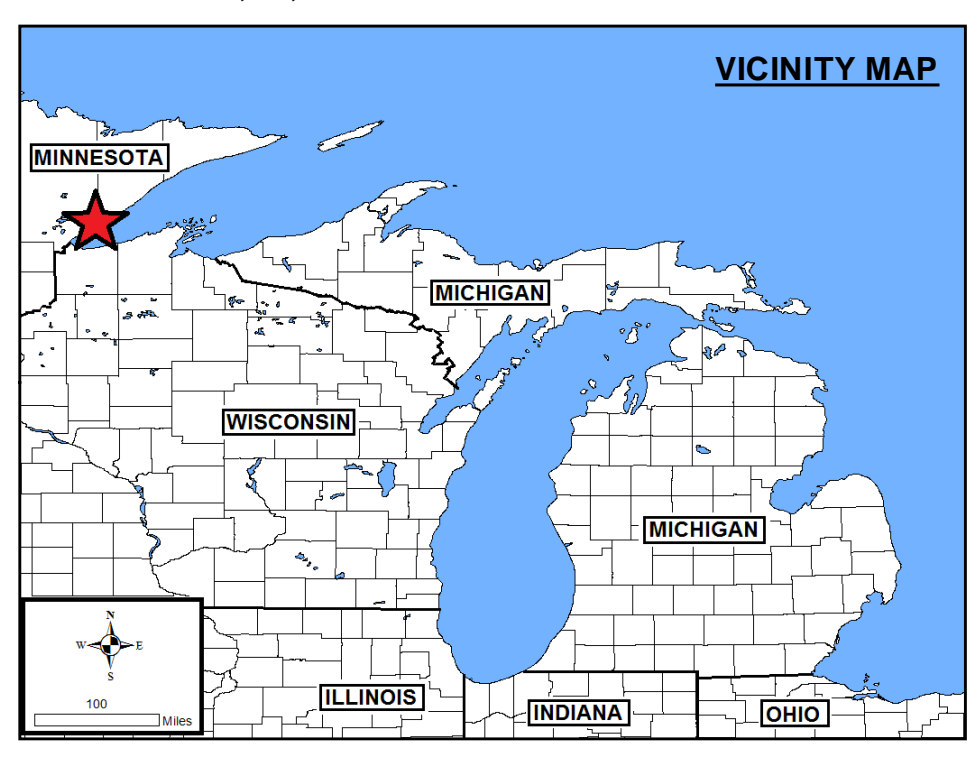
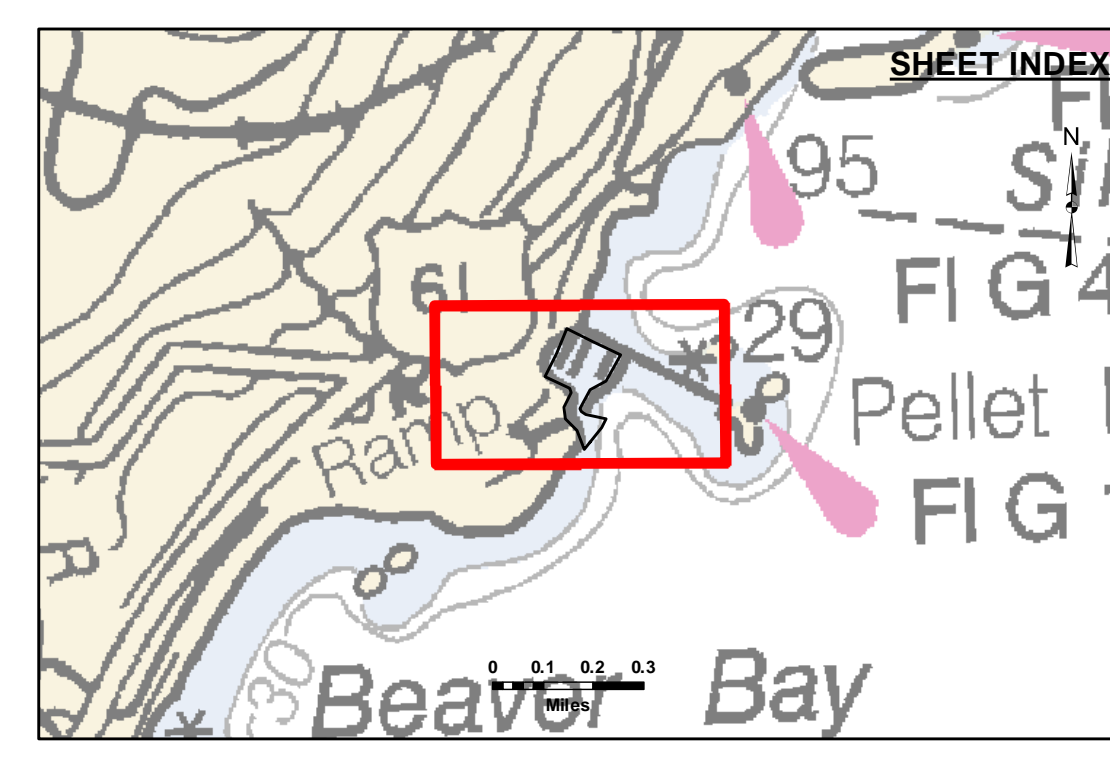
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U.S. ARMY CORPS OF ENGINEERS DETROIT DISTRICT		
Submitted:	Surveyed By:	
Recommended:	Plotted By:	
Approved:	Chief, Technical Services	

Silver Bay Harbor, MN (DNR)  
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SL\_01\_VBY\_20201013\_CS  
13 October 2020

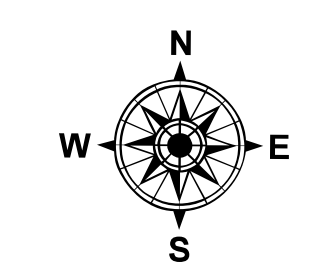
Sheet Reference Number  
1 of 1



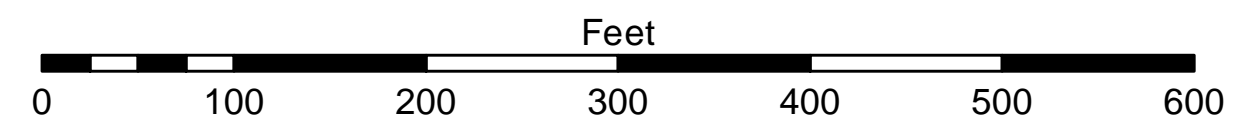
**LEGEND**  
— Contour Lines  
▭ Channel Limits

**SOUNDING LEGEND**

- LESS THAN PROJECT DEPTH
- PROJECT DEPTH
- PROJECT DEPTH +1'
- PROJECT DEPTH +2'
- PROJECT DEPTH +3'
- PROJECT DEPTH +4'
- PROJECT DEPTH +5'



1 inch = 100 feet



- 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 (IGLD85) 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 ROSS LABS 825C PORTABLE SURVEY SOUNDER.
  - 3) HORIZONTAL POSITIONING IS DETERMINED USING DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS) CORRECTIONS. THE GPS RECEIVER IS MANUFACTURED BY TRIMBLE, MODEL SPA751.
  - 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2201), NORTH AMERICAN DATUM OF 1983 (NAD83), US SURVEY FOOT.
  - 5) THERE IS NO AUTHORIZED NAVIGATION CHANNEL LIMITS OR AUTHORIZED CHANNEL DEPTH FOR SILVER BAY HARBOR, MN. THIS IS A MN-DNR HARBOR WITH USACE STRUCTURES.
  - 6) 2010 AERIAL PHOTOGRAPHY DATA SOURCE: USGS