

LAKE INVENTORY MAP  
**BIRCH LAKE**  
 AREA 295 ACRES

MARGINAL SURVEY AND SOUNDINGS 1/10-15/47

CASS COUNTY

T. 7 S., R. 13 W., SEC'S. 5, 6, 7, 8

B.M. 400.0 - CROSS ON EDGE  
 OF HARVEY'S  
 SPRING POOL.  
 WATER SURFACE ELEV. 96.5  
 2/20/47

**LEGEND**

**BOTTOM**

- Sand
- Sand and Marl
- Marl
- Marl and Pulpy peat
- Pulpy peat
- Gravel
- Deadheads
- Brush shelter

**OUTLINE & CONTOURS**

- Shoreline
- Contours

**SHORE FEATURES**

- Cottage
- Dock
- Spring
- Slope
- Breakwater
- Boathouse
- Unimproved road
- Improved road
- Trail
- Marsh
- Brush
- Wooded
- Partly wooded
- Pasture
- Cultivated
- Inlet
- Outlet

**VEGETATION**

- Emergent
- Submergent

**STATIONS**

- Vegetation

32 BRUSH SHELTERS INSTALLED  
 DURING THE WINTER OF 1946-47  
 80 BRUSH SHELTERS IN 16 GROUPS  
 OF 5 INSTALLED DURING THE  
 FALL OF 1956

