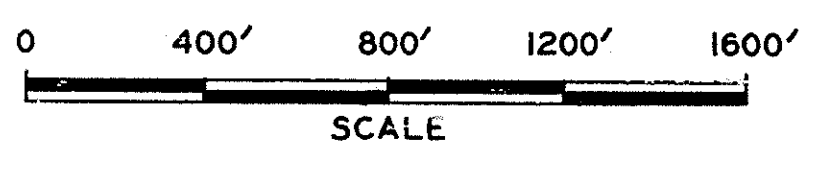
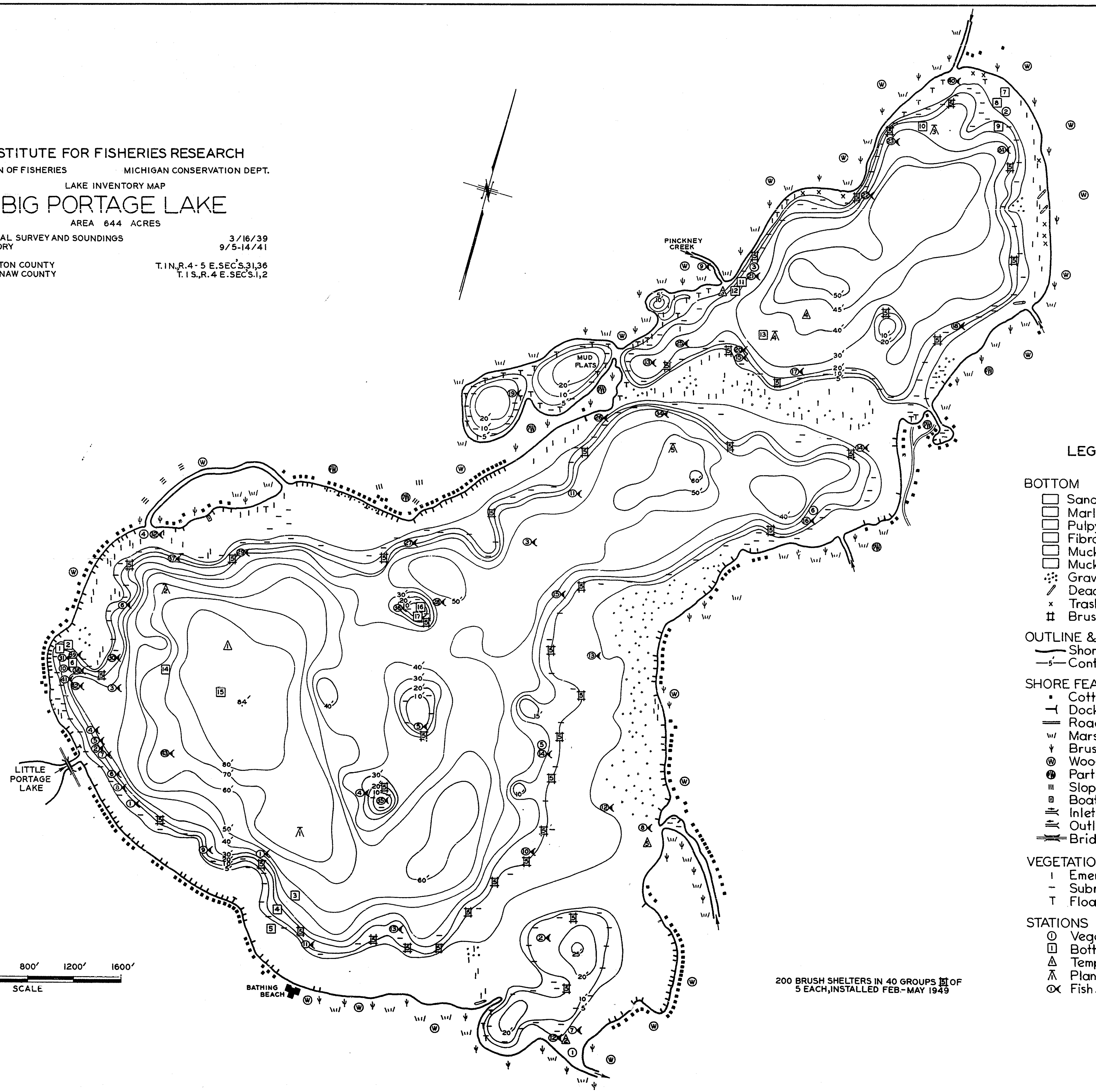
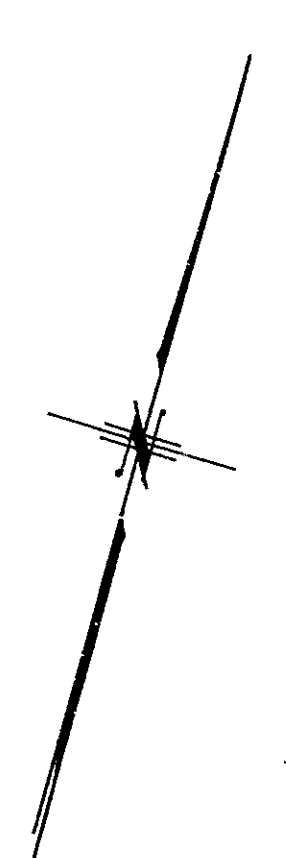


INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
BIG PORTAGE LAKE
 AREA 644 ACRES
 MARGINAL SURVEY AND SOUNDINGS 3/16/39
 INVENTORY 9/5-14/41
 LIVINGSTON COUNTY T.1N.,R.4-5 E.SEC'S.31,36
 WASHTENAW COUNTY T.1S.,R.4 E.SEC'S.1,2



- LEGEND**
- BOTTOM**
- Sand
 - Marl
 - Pulpy peat
 - Fibrous peat
 - Muck
 - Muck and Clay
 - ⋯ Gravel
 - ⋈ Deadhead
 - x Trash
 - ⊞ Brush shelter
- OUTLINE & CONTOURS**
- Shoreline
 - s- Contours
- SHORE FEATURES**
- Cottage
 - Dock
 - Road
 - /// Marsh
 - ⋈ Brush
 - ⊞ Wooded
 - ⊞ Partly wooded
 - ⋈ Slope
 - ⊞ Boathouse
 - ⋈ Inlet
 - ⋈ Outlet
 - ⋈ Bridge
- VEGETATION**
- | Emergent
 - Submergent
 - T Floating
- STATIONS**
- Vegetation
 - Bottom sample
 - △ Temp.chem.analysis
 - ⋈ Plankton sample
 - ⊞ Fish sample

200 BRUSH SHELTERS IN 40 GROUPS OF 5 EACH, INSTALLED FEB.-MAY 1949