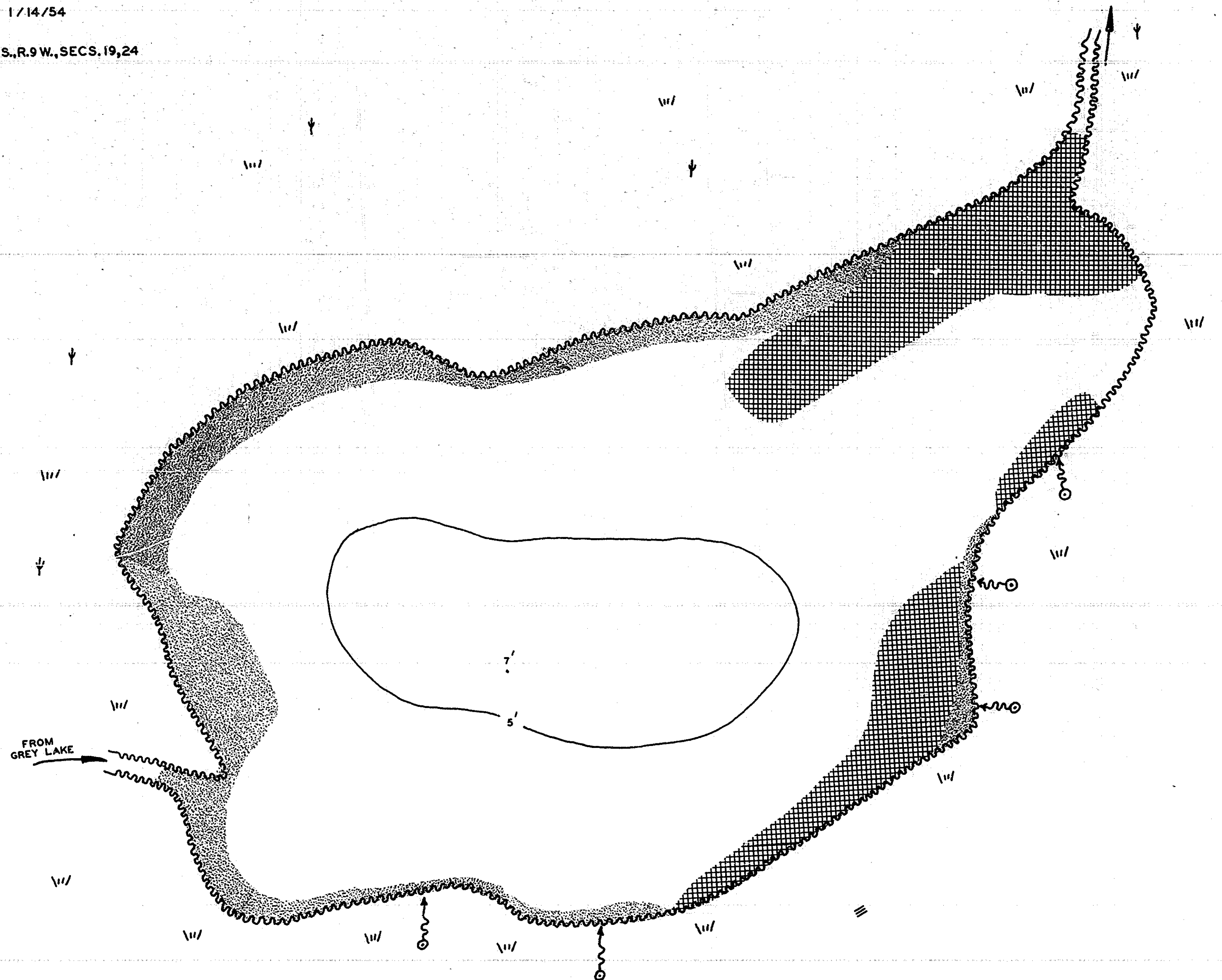
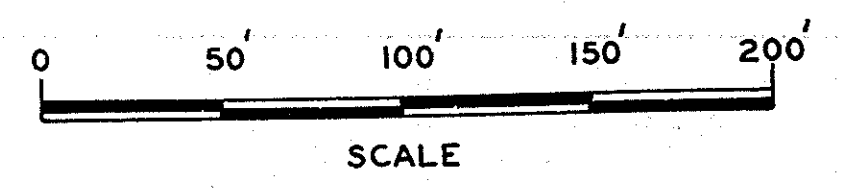


INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
HAWKINS LAKE
 AREA 4.7 ACRES
 MARGINAL SURVEY AND SOUNDINGS 1/14/54
 ST. JOSEPH COUNTY T.7S.,R.9W.,SECS.19,24



- LEGEND**
- BOTTOM**
- ▣ Marl
 - Pulpy peat
 - ▨ Fibrous peat
- OUTLINE & CONTOURS**
- ~ Shoreline, entirely encroaching
 - - - Contours
- SHORE FEATURES**
- ≡ Slope
 - ∩∩∩ Marsh
 - † Brush
 - ⊕ Spring
 - ⊙ Wooded
 - ⊙ Pasture
 - ≡ Inlet
 - ≡ Outlet



B.M. = 100.0 - R.R. SPIKE IN BASE
 OF OAK TREE.
 WATER SURFACE ELEV. = 85.1
 1/14/54