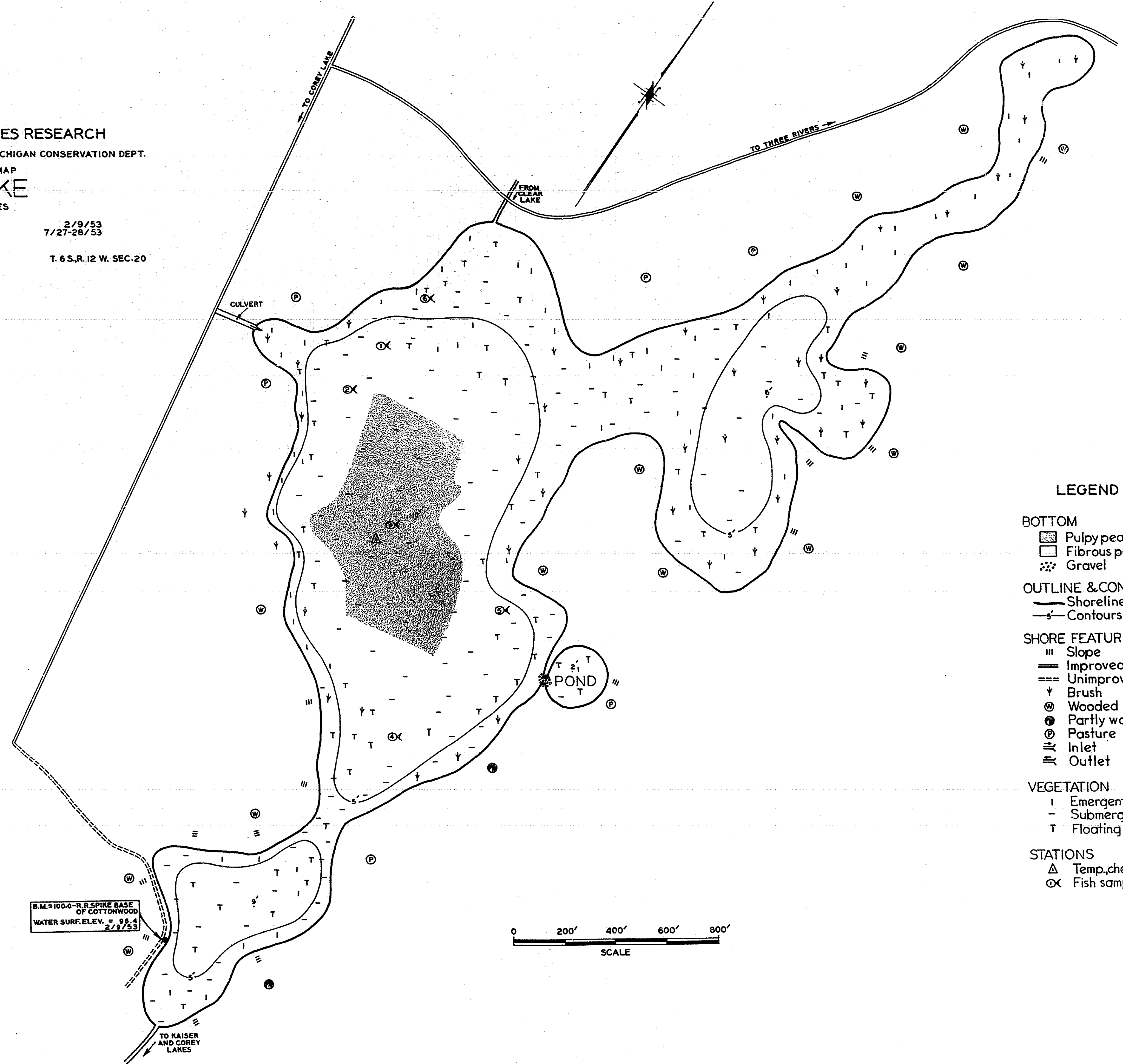
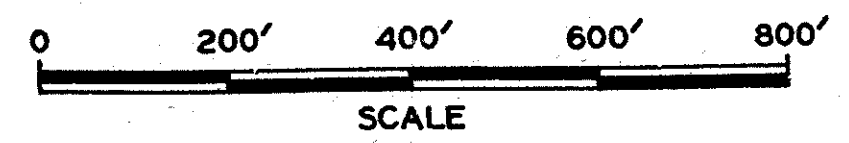


INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
MUD LAKE
 AREA 80 ACRES
 MARGINAL SURVEY AND SOUNDINGS
 INVENTORY 2/9/53
 7/27-28/53
 ST. JOSEPH COUNTY T. 6 S., R. 12 W. SEC. 20



B.M. 100.0 - R.R. SPIKE BASE
 OF COTTONWOOD
 WATER SURF. ELEV. = 95.4
 2/9/53



- LEGEND**
- BOTTOM**
- ▨ Pulpy peat
 - Fibrous peat
 - ⊘ Gravel
- OUTLINE & CONTOURS**
- Shoreline
 - - - Contours
- SHORE FEATURES**
- ≡ Slope
 - == Improved road
 - === Unimproved road
 - ∨ Brush
 - ⊙ Wooded
 - ⊙ Partly wooded
 - ⊙ Pasture
 - ≡ Inlet
 - ≡ Outlet
- VEGETATION**
- | Emergent
 - Submergent
 - T Floating
- STATIONS**
- △ Temp. chem. analysis
 - ⊗ Fish sample