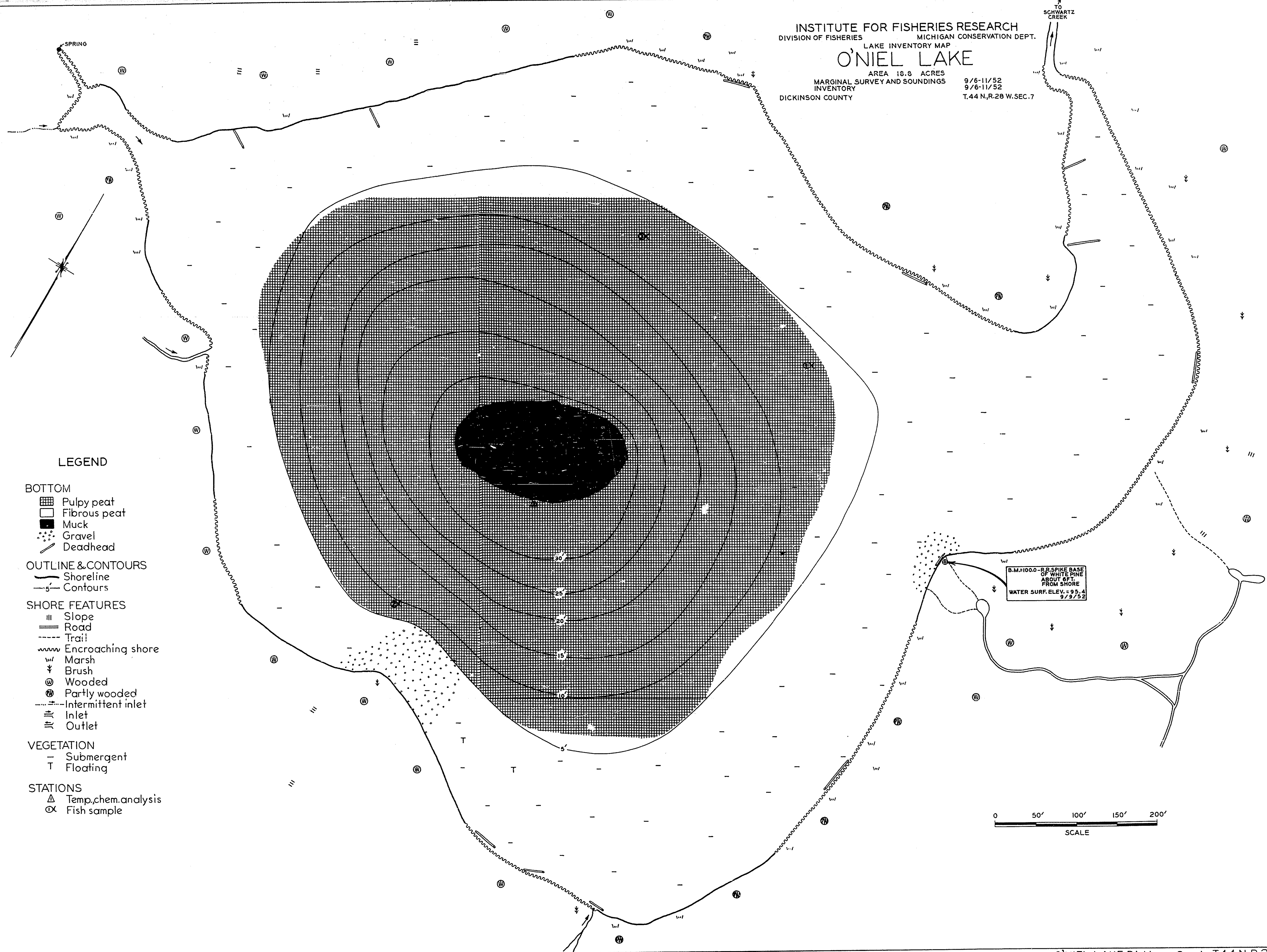


INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
O'NIEL LAKE
 AREA 18.8 ACRES 9/6-11/52
 MARGINAL SURVEY AND SOUNDINGS 9/6-11/52
 INVENTORY T.44 N., R.28 W. SEC. 7
 DICKINSON COUNTY



LEGEND

BOTTOM

- Pulpy peat
- Fibrous peat
- Muck
- Gravel
- Deadhead

OUTLINE & CONTOURS

- Shoreline
- Contours

SHORE FEATURES

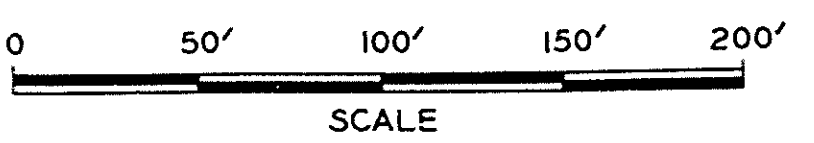
- Slope
- Road
- Trail
- Encroaching shore
- Marsh
- Brush
- Wooded
- Partly wooded
- Intermittent inlet
- Inlet
- Outlet

VEGETATION

- Submergent
- Floating

STATIONS

- Temp, chem. analysis
- Fish sample



B.M. 2100.0 - R.R. SPIKE BASE
 OF WHITE PINE
 ABOUT 8 FT.
 FROM SHORE
 WATER SURF. ELEV. = 95.4
 9/9/52