

INSTITUTE FOR FISHERIES RESEARCH  
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.  
 LAKE INVENTORY MAP  
**JAMES LAKE**  
 AREA 23 ACRES

MARGINAL SURVEY AND SOUNDINGS 9/24/53  
 (SHORE OUTLINE BASED ON U.S. DEPT. AGRIC. AERIAL PHOTO OF 7/19/38)  
 MANISTEE COUNTY T.23 N.R.15 W. SEC.21

- LEGEND**
- BOTTOM**
- Sand
  - Fibrous peat
  - Marl
  - Pulpy peat
  - Detritus
- OUTLINE & CONTOURS**
- Shoreline
  - Contours
- SHORE FEATURES**
- Slope
  - Improved road
  - Unimproved road
  - Trail
  - Marsh
  - Encroaching shore
  - Wooded
  - Pasture
  - Inlet
  - Outlet



B.M. 170.0 - SPIKE BASE OF  
 4" CEDAR  
 WATER SURF. ELEV. = 97.9  
 9/24/53

