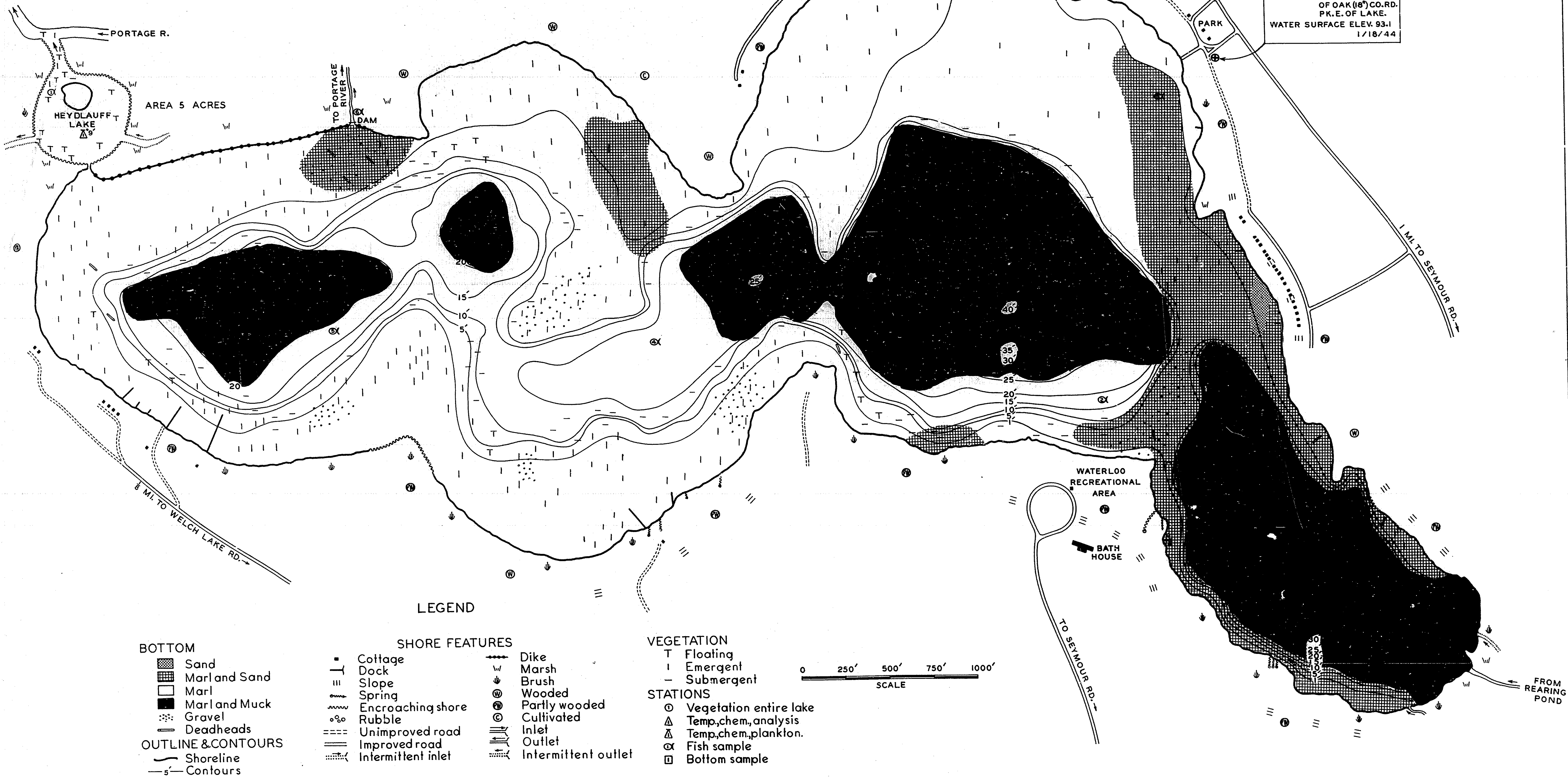


INSTITUTE FOR FISHERIES RESEARCH  
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.  
 LAKE INVENTORY MAP  
**BIG PORTAGE LAKE**  
 AREA 360 ACRES  
 MARGINAL SURVEY AND SOUNDINGS 1/3,4,5,6,7,8,10,11,12/44  
 INVENTORY 6/14-27/44  
 JACKSON COUNTY T. 1-2 S., R. 1-2 E., SEC'S. 25, 36, 30, 31, 32, 5, 6



B.M.=100.0-R.R. SPIKE BASE  
 OF OAK (18') CO. RD.  
 P.K.E. OF LAKE.  
 WATER SURFACE ELEV. 93.1  
 1/18/44

**BOTTOM**  
 Sand  
 Marl and Sand  
 Marl  
 Marl and Muck  
 Gravel  
 Deadheads  
**OUTLINE & CONTOURS**  
 Shoreline  
 Contours

**SHORE FEATURES**  
 Cottage  
 Dock  
 Slope  
 Spring  
 Encroaching shore  
 Rubble  
 Unimproved road  
 Improved road  
 Intermittent inlet

**VEGETATION**  
 Floating  
 Emergent  
 Submergent  
**STATIONS**  
 Vegetation entire lake  
 Temp, chem, analysis  
 Temp, chem, plankton.  
 Fish sample  
 Bottom sample

