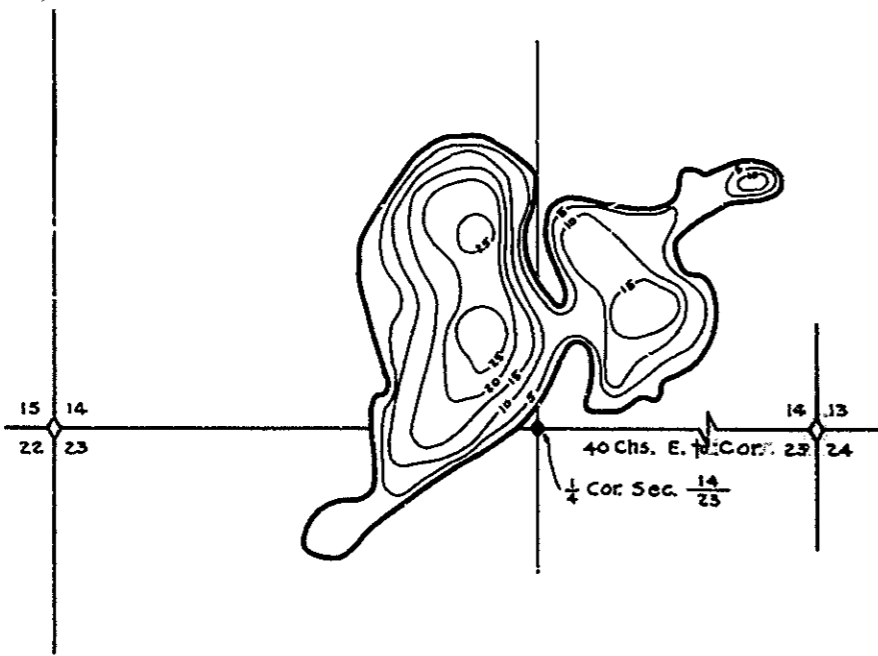


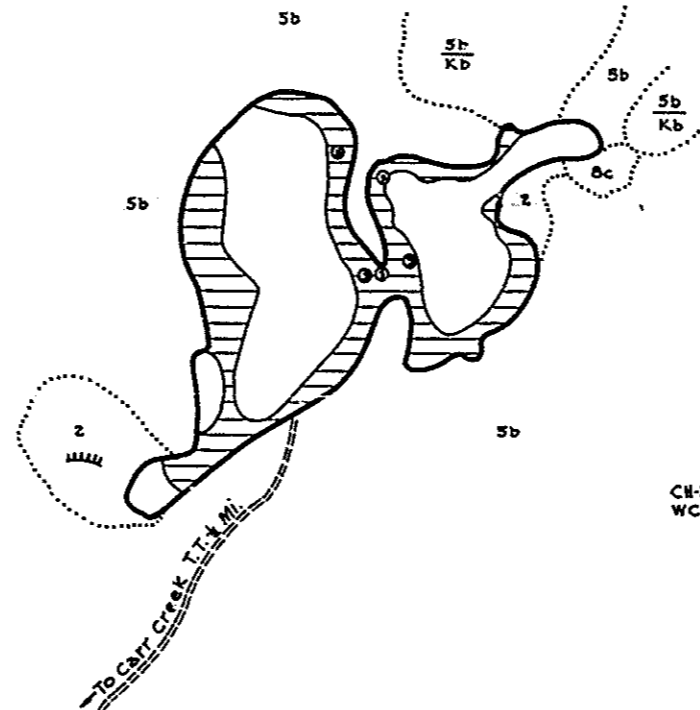
R-9  
 U.S. Department of Agriculture  
 Forest Service  
 LAKE AND STREAM SURVEY  
**JACKPINE LAKE - LAKE 23**  
 Hiawatha National Forest  
 Michigan

Jackpine Lake Area 54 Acres  
 Lake 23 Area 7 Acres  
 Jackpine Lake Length of Shoreline 2 Miles  
 Lake 23 Length of Shoreline .44 Miles

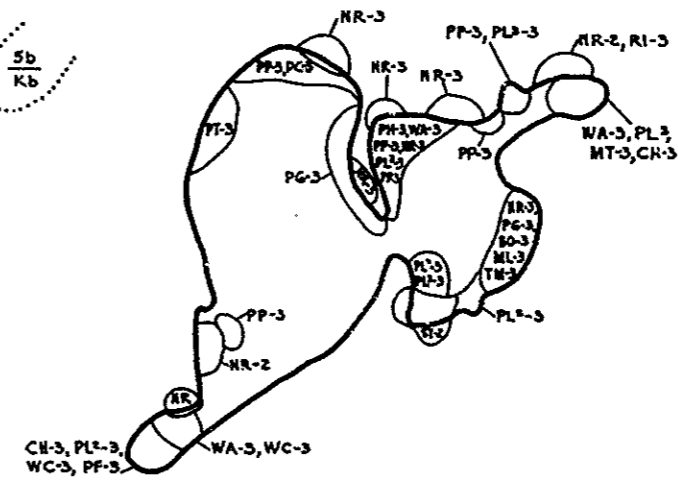
Jackpine Lake  
 Location: Sec. 14 & 23, T. 43 N. R. 16 W.  
 Scale: 8 Inches = 1 Mile



Contour Map  
 Contour Interval = 5'

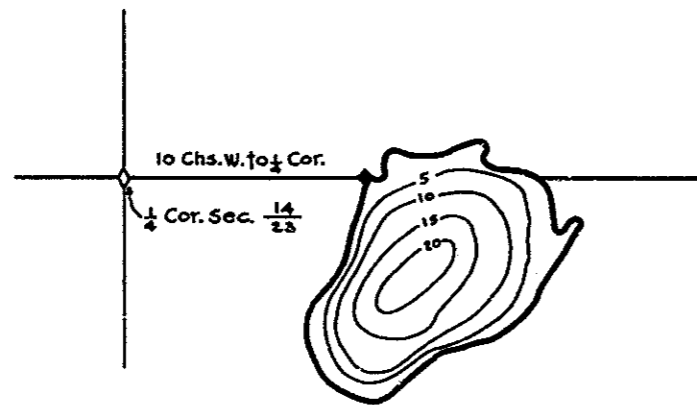


Cover Type And  
 Lake Bottom Soil Type Map

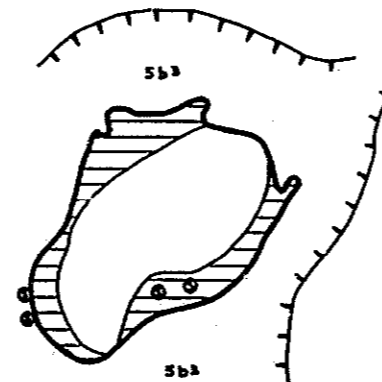


Aquatic Vegetation Map

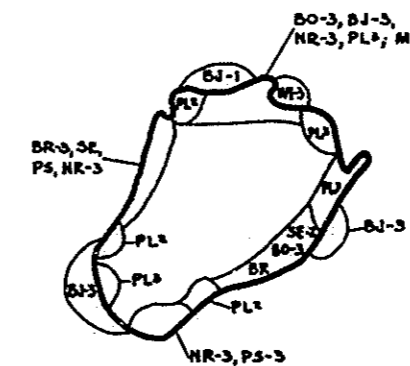
Lake 23  
 Location: Sec. 14 & 23, T. 43 N. R. 16 W.  
 Scale: 16 Inches = 1 Mile



Contour Map  
 Contour Interval = 5'



Cover Type And  
 Lake Bottom Soil Type Map



Aquatic Vegetation Map