

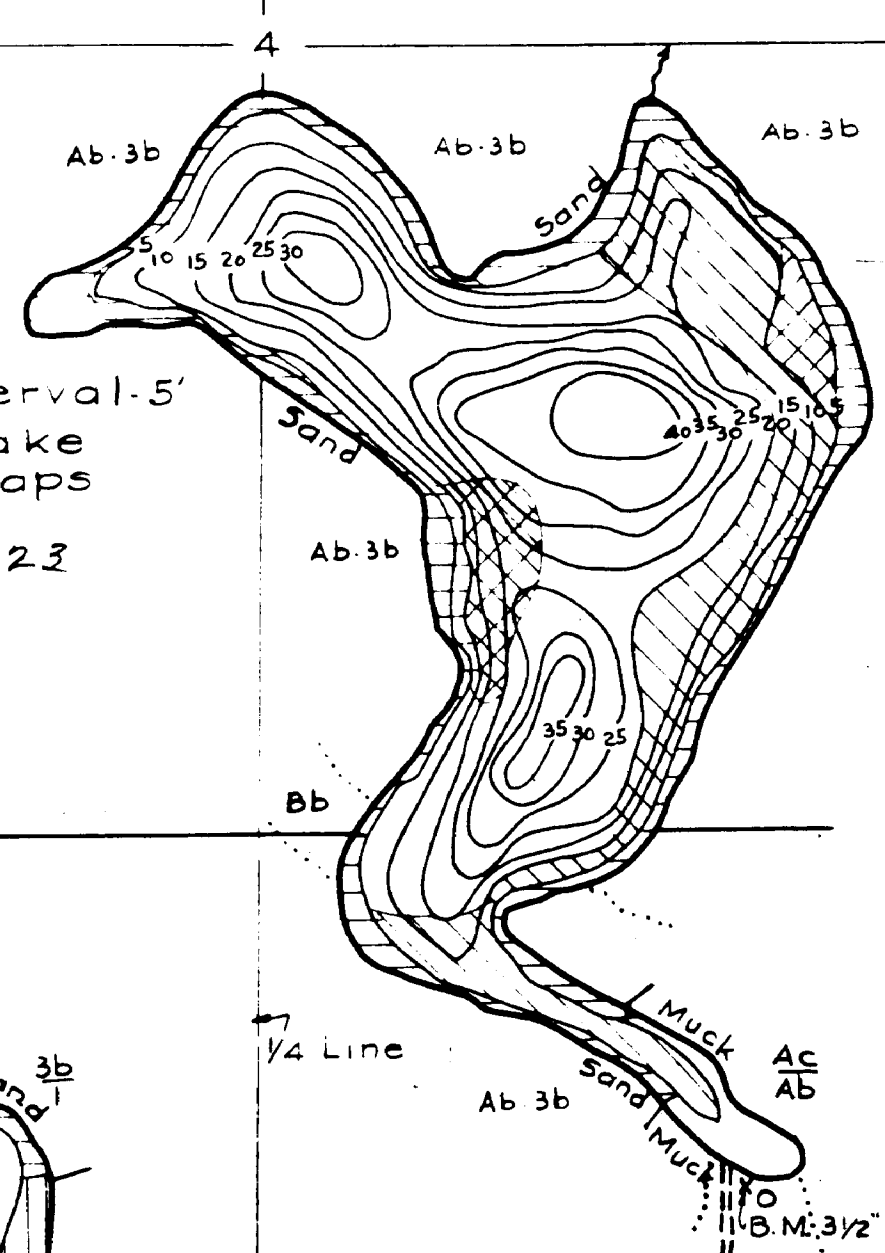
R-9  
U.S. Department of Agriculture  
Forest Service  
LAKE AND STREAM SURVEY

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STATE OF MINNESOTA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF FISH AND WILDLIFE

NOSE L - BLACK ISLAND L. - LITTLE RANIER L. - RANIER L.  
Chippewa National Forest  
Minnesota

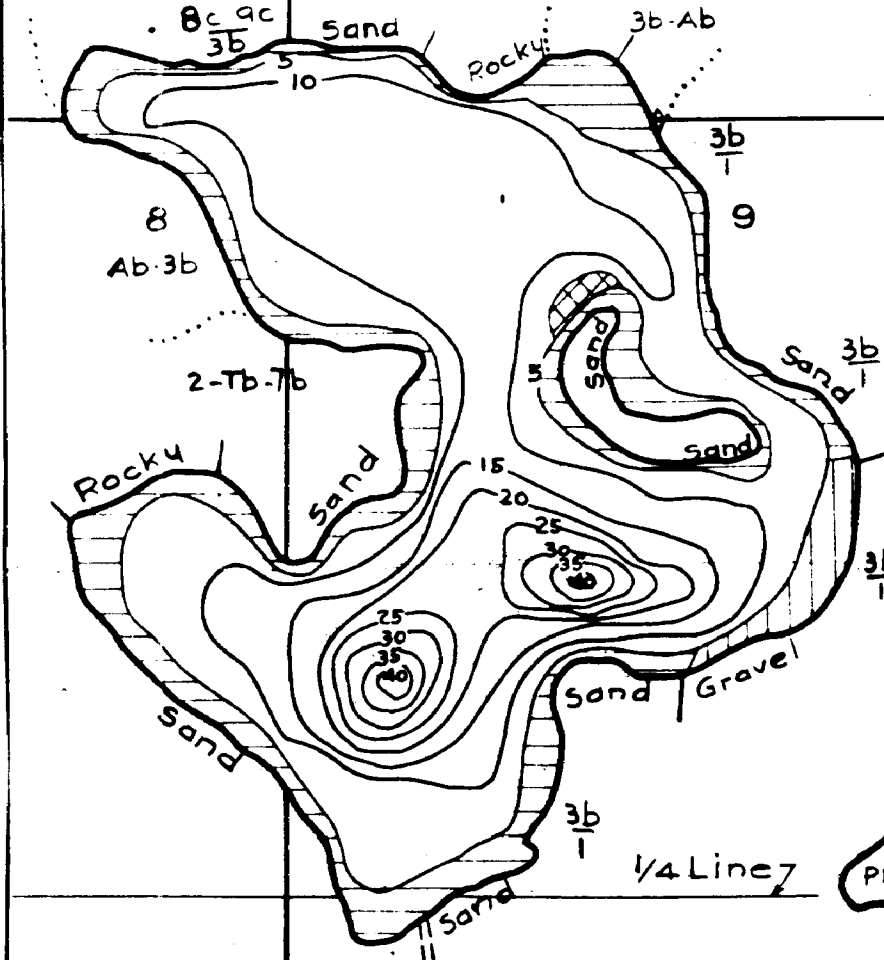
Scale: 8" = 1 Mile

31-417  
NOSE LAKE 14-624  
Location: T58N.R.25W. Secs 4-9  
Length of Shoreline: 2.5 Mi.  
Area Acres: 96A.

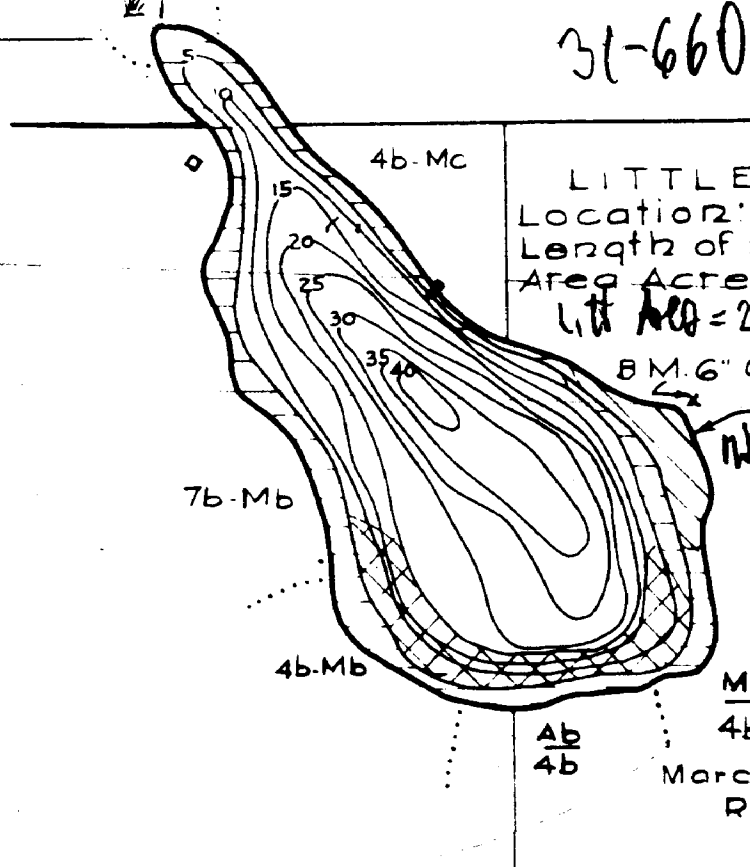
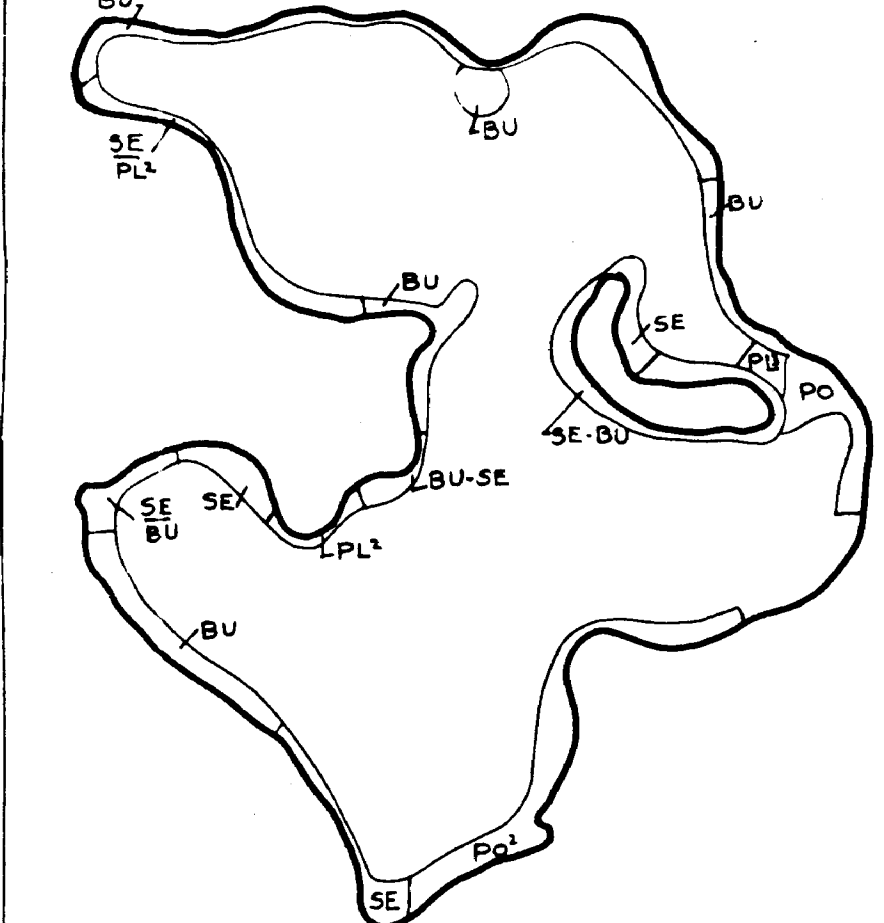


Contour Map Contour Interval-5'  
Cover Type And Lake  
Bottom Soil Type Maps

31-416  
BLACK ISLAND LAKE 14-623  
Location: T58N.R.25W. Secs 4-5-8-9  
Length of Shoreline: 2.4 Mi.  
Area Acres: 102 A.  
Sections 5 & 4



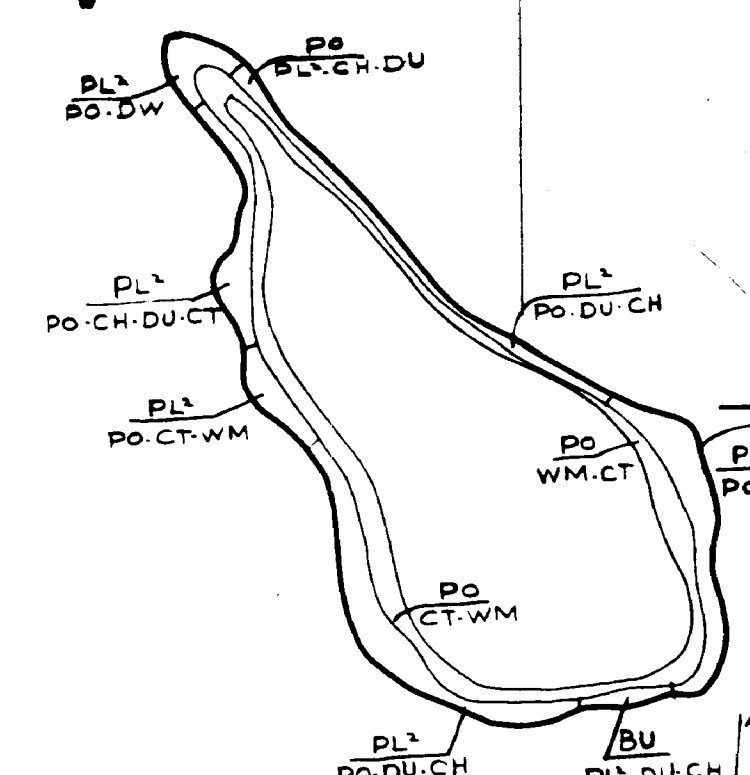
Aquatic Vegetation Maps



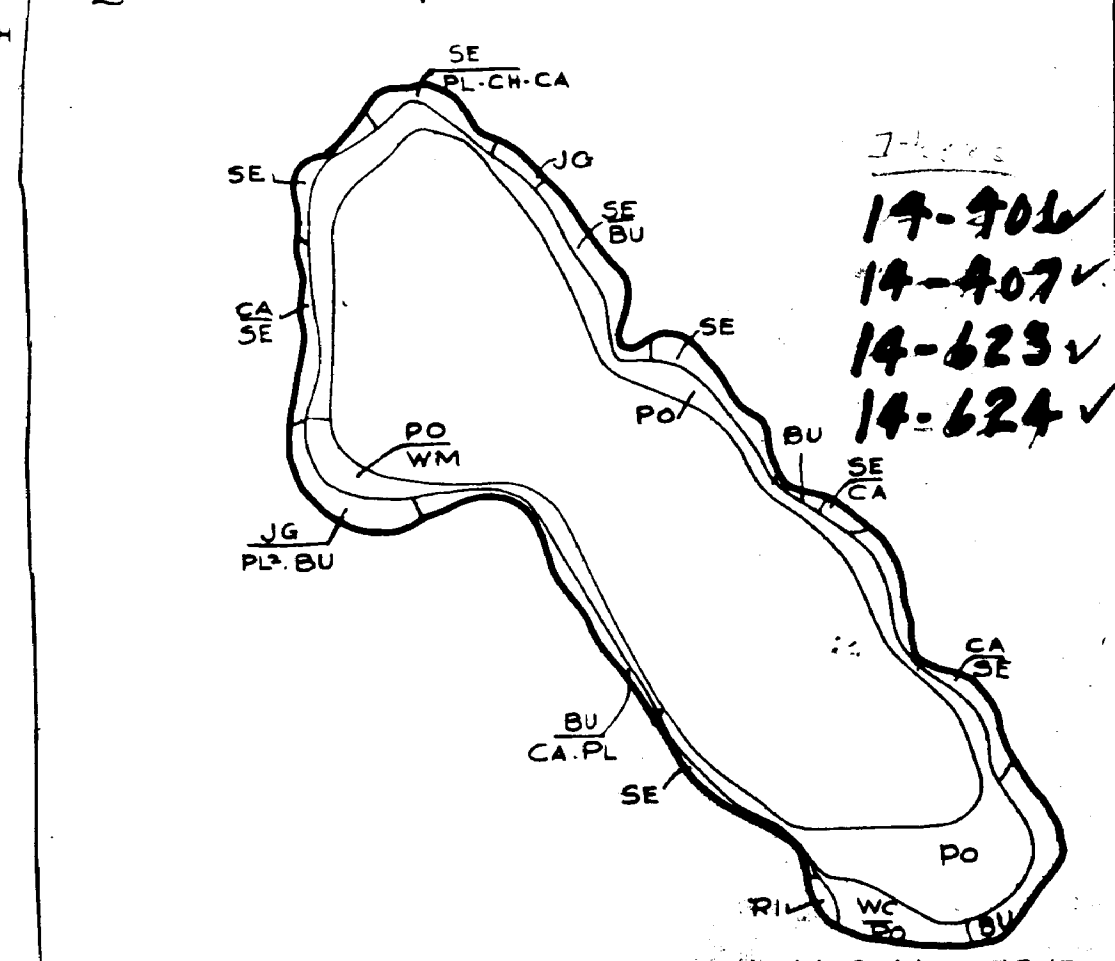
31-660  
LITTLE RANIER LAKE 14-407  
Location: T59N.R.26W. Secs 7-18  
Length of Shoreline: 1.3 Mi.  
Area Acres: 47A  
L.A. Area = 25A (53%)  
B.M. 6 Cedar  
Lake Depth = 13'

Section Lines  
Contour Maps Contour Interval-5'  
Cover Type And Lake  
Bottom Soil Type Maps

18  
1/4 Lines 31-664  
RANIER LAKE 14-624  
Location: T59N.R.26W. Secs 17-18  
Length of Shoreline: 1.7 Mi.  
Area Acres: 72 A.  
Lake Area = 69 A  
L.A. " = 35 A (50%)  
B.M. 3 1/2 Birch



Aquatic Vegetation Maps



14-906 ✓  
14-407 ✓  
14-623 ✓  
14-624 ✓

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J.L.G. May 1942