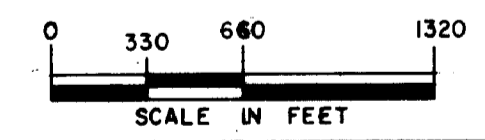


**LEGEND**

- BITUMINOUS ROAD
- GRAVEL ROAD
- UNIMPROVED ROAD
- UNITED STATES HIGHWAY
- COUNTY STATE AID HIGHWAY
- BRIDGE
- DAM
- BEAVER LODGE
- BULRUSH
- EMERGENT VEGETATION
- MARSH AREA
- WOODED OR BRUSH SWAMP

PLANIMETERED AREA (PINE) = 220 ACRES  
 (HICKORY) = 197 ACRES  
 LITTORAL AREA (PINE) = 103 ACRES  
 (HICKORY) = 111 ACRES  
 LENGTH OF SHORELINE (PINE) = 2.9 MILES  
 (HICKORY) = 2.3 MILES  
 ISLAND'S SHORELINE (PINE) = 0.2 MILE

B.M. #1, (PINE L.) = WATER GAUGE ON WEST SIDE OF SOUTH END OF CONCRETE STOPLOG DAM ON CHANNEL BETWEEN LAKES.  
 W.S. ELEV. = READING OF 2.22' ON GAUGE.  
 B.M. #2 = WATER GAUGE AT WEST END OF 15' C.M.C. UNDER ROAD BETWEEN LAKES.  
 W.S. ELEV. = READING OF 1.60' ON GAUGE.  
 B.M. #1 = SPIKE IN 16" D.B.H. ELM 60' FROM WATER'S EDGE ON NORTH SIDE OF BOAT LANDING.  
 W.S. ELEV. = 2.6' BELOW B.M. #1  
 OUTLINE DRAWN FROM 1985 AERIAL PHOTO, AIT-2-III.



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STATE OF MINNESOTA  
 DEPARTMENT OF CONSERVATION

DIVISION OF GAME AND FISH  
 TECHNICAL SERVICES SECTION

**PINE AND HICKORY LAKES**  
 (1-176) (1-179)  
 AITKIN COUNTY

T. 46 N. R. 27 W. S. 21, 22, 26-28

FIELDWORK PINE 5-23-69 HICKORY 8-28-69	E.V.H. & J.W.P. DRAWN BY J.I. STORLAND DATE 12-2-69	PROJ. IDENT. NO. FW-1-R-13
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