

ENTIRE MAP AREA LOCATED WITHIN  
CHIPPEWA NATIONAL FOREST.

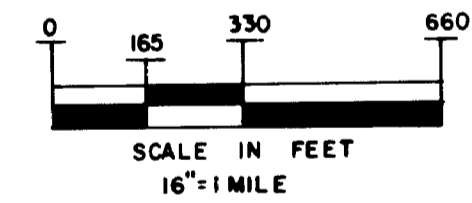


LEGEND

BEAVER DAM	
EMERGENT VEGETATION	E.V.
FLOATING-LEAF VEGETATION	F.L.
SUBMERGENT VEGETATION	S.V.
OPEN WATER	O.W.
BRUSH SWAMP	
GRAVEL ROAD	
UNIMPROVED ROAD	
STREAM	
BENCH MARK	
SECTION LINE	
SECTION NUMBER	9

PLANIMETERED AREA	106.5 ACRES
LITTORAL AREA	70.9 ACRES (66.6%)
MEDIAN DEPTH	11.4 FEET
LENGTH OF ISLAND SHORELINE	0.4 MILE
SHORELINE LENGTH	2.6 MILES
TOTAL LENGTH OF SHORELINE	3.0 MILES

LAKE OUTLINE DRAWN FROM AERIAL  
BLUELINE PHOTO NO. 326-2.



REPRODUCTION OF THIS MAP REQUIRES PROPER  
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MINNESOTA DEPARTMENT OF NATURAL RESOURCES.

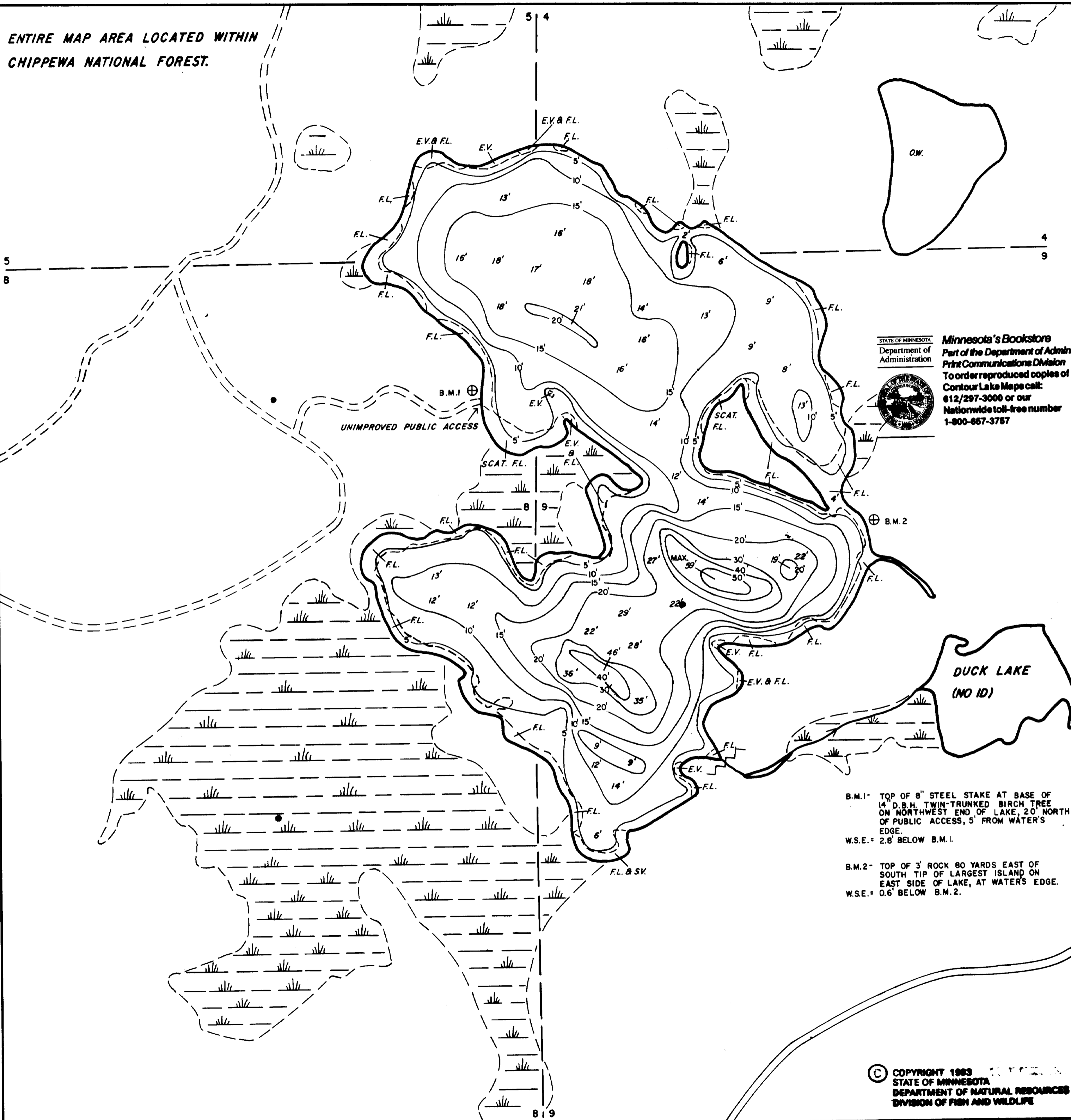
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STATE OF MINNESOTA  
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF FISH AND WILDLIFE  
ECOLOGICAL SERVICES SECTION

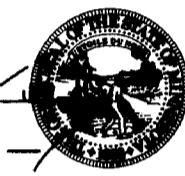
BLACK ISLAND LAKE (31-416)  
ITASCA COUNTY

T.58N.	R.25W.	S. 4,5,8,9
FIELDWORK CJB, DGK	DRAWN BY <i>Don Hink</i>	PROJ. IDENT. NO.
DATE 8-21-86	DATE 3-11-87	FW-6-S-3,5



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B.M.1- TOP OF 8" STEEL STAKE AT BASE OF  
14" D.B.H. TWIN-TRUNKED BIRCH TREE  
ON NORTHWEST END OF LAKE, 20' NORTH  
OF PUBLIC ACCESS, 5' FROM WATER'S  
EDGE.  
W.S.E. = 2.8' BELOW B.M.1.

B.M.2- TOP OF 3' ROCK 80 YARDS EAST OF  
SOUTH TIP OF LARGEST ISLAND ON  
EAST SIDE OF LAKE, AT WATER'S EDGE.  
W.S.E. = 0.6' BELOW B.M.2.

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C-2880