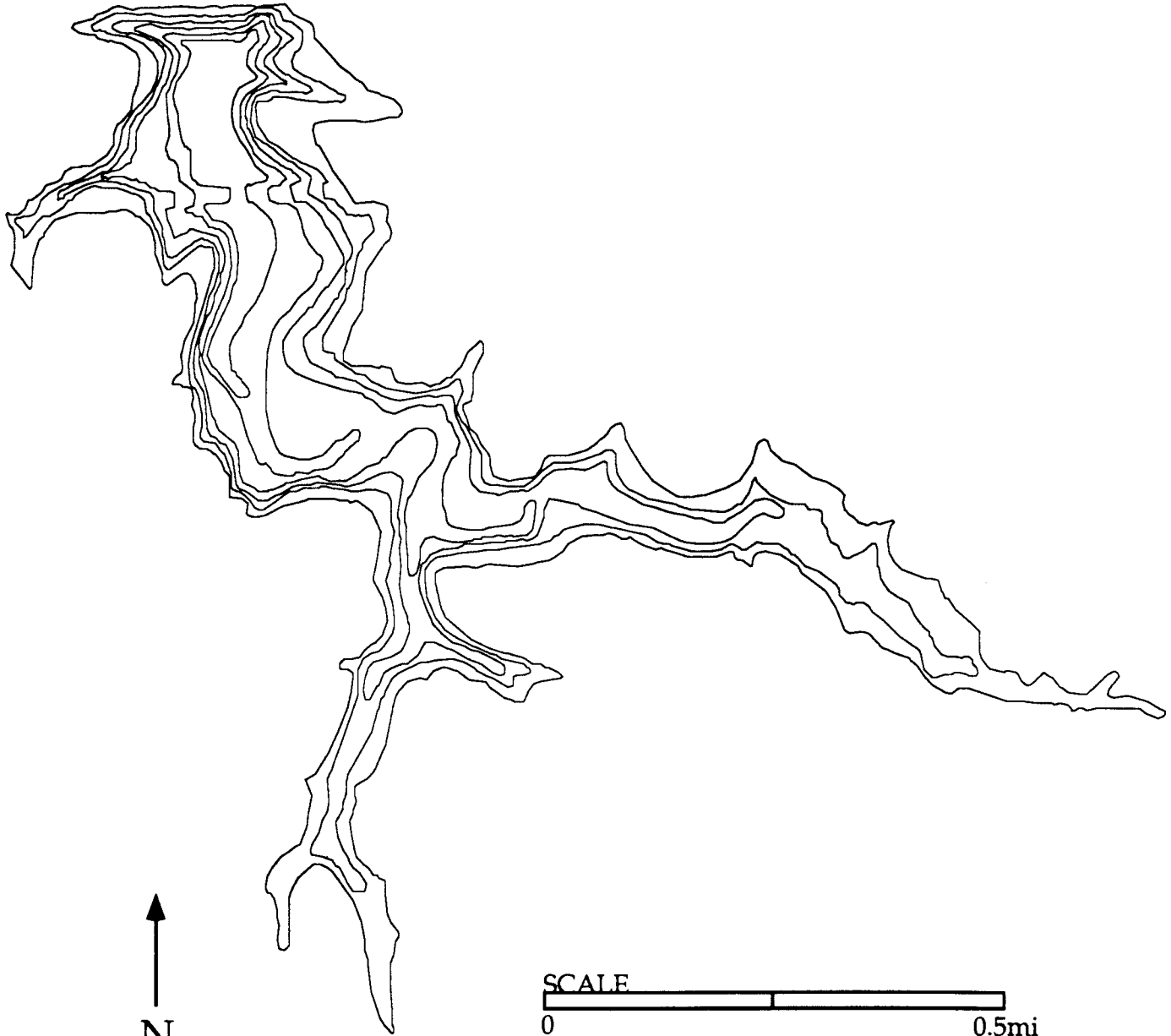


# LAKE GEORGE



SCALE

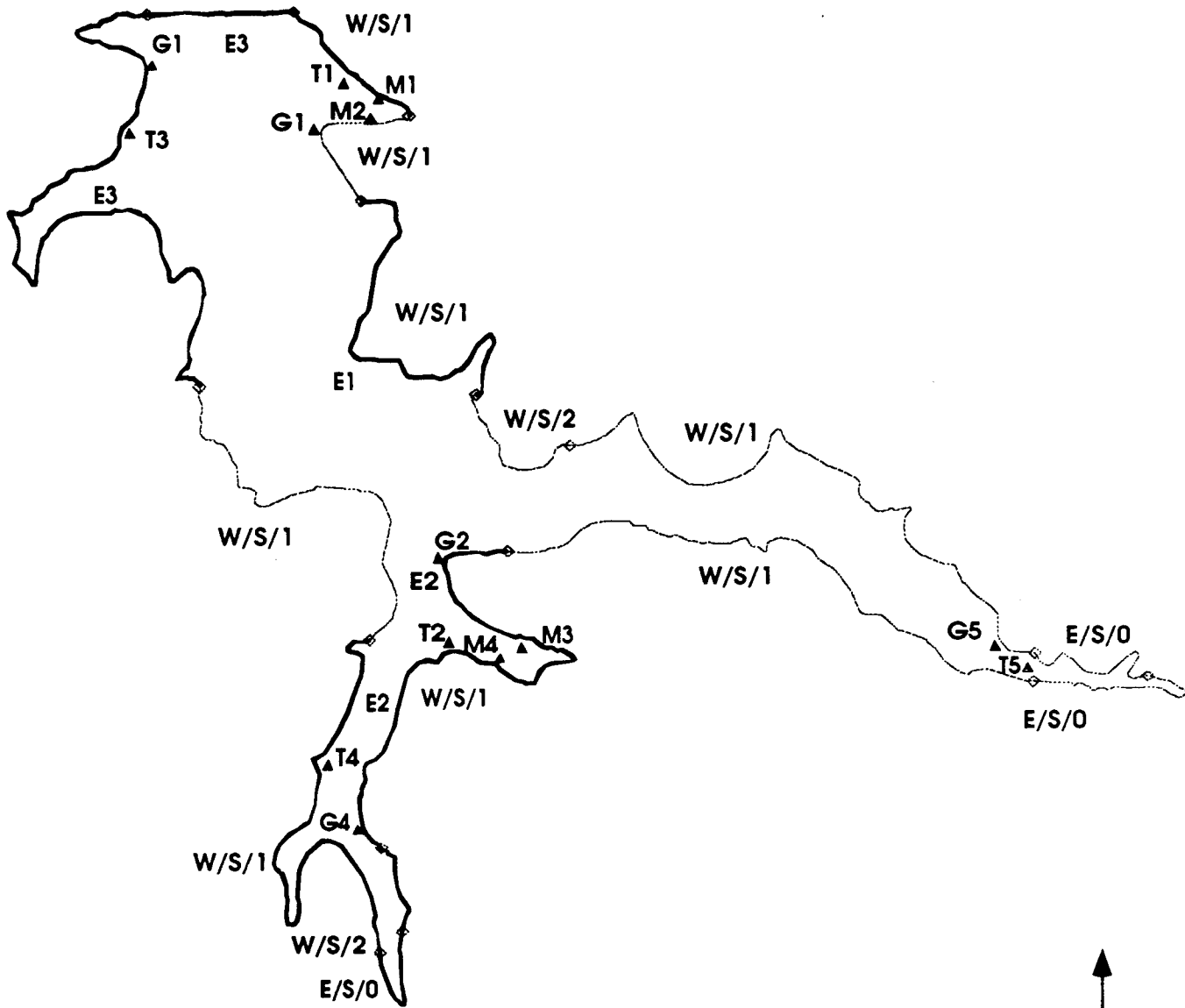
0

0.5mi

CONTOUR INTERVAL 10ft

Map Source: U.S. Geological Survey  
Mapping Method: USGS survey  
Date completed: 1975

# LAKE GEORGE



## Habitat Codes (given as a three character code: Habitat/Substrate/Hard Cover)

### Habitat:

W = Woody debris  
 E = Emergent vegetation  
 R = Rip rap  
 O = Open area  
 D = Docks  
 T = Retaining wall or dam face  
 U = Unknown

### Substrate:

M = Mud or silt  
 C = Clay  
 S = Sand  
 G = Gravel  
 B = Rock or boulder  
 U = Unknown

### Hard Cover Rating:

0 = 0% woody debris and no docks.  
 1 = 0% woody debris with docks or 1-33% woody debris.  
 2 = 1-33% woody debris with many docks or 34-66% woody debris.  
 3 = 34-66% woody debris with many docks or greater than 67% woody debris.

Information compiled by the Illinois Natural History Survey, completed 9/15/88

# LAKE GEORGE

County: ROCK ISLAND  
Latitude: 412558  
Longitude: 904957

Township: T17N  
Range: R4W  
Section: 27,34,35

IDOC Region: 1  
IDOC District: 2  
IDOC Lake Number: 8  
Storet Code: RL-B01-A  
IDOC Lake Class: PU  
Lake Origin: AA  
Natural Division: 5B

Surface Area (ha): 65.6  
Surface Area (acres): 157.3  
Mean Depth (m): 6.49  
Maximum Depth (m): 16.76  
Shore Length (km): 10.18  
Shoreline Dev. Index: 3.54

Year Constructed: 1966

USGS 7.5' Quad: MONTEPELIER  
Major River Basin: MISS NO CENTRAL  
Inflowing Stream: BIG BRANCH  
Outflowing Stream: BIG BRANCH>MISS

## Typical Water Chemistry:

Secchi Disk Depth (cm): 43  
Conductivity (umhos): 410  
Total Alkalinity (mg/l): 184  
pH: 8.4

Watershed Area (ha): 1918  
Storage Cap. (1000 m<sup>3</sup>): 4256.35  
Retention Time (yrs): 1.2  
Volume Dev. Index: 1.16

Maximum Length (km): 1.83  
Maximum Width (km): 2.13  
Inshore Mean Depth (m): 3.3  
Pool Elevation (m msl): 185.9

## Climatic Information:

Growing Season (days): 171  
Growing Deg. Days (50°F base): 3225

## Habitat Description as a Proportion of Total Shoreline and Shoreline Sampled by Electrofishing

Habitat Type	Percent of Total Shoreline	Percent of Total Shoreline Sampled by Electrofishing
E/S/0	9	2
R/B/0	3	3
W/S/2	5	2
W/S/1	83	49

## Fish Species Present in Lake (based on IDOC sampling):

Black Bullhead	Tiger Muskellunge
Bluegill	Walleye
Carp	White Crappie
Channel Catfish	White Sucker
Freshwater Drum	Yellow Bullhead
Gizzard Shad	
Golden Shiner	
Green Sunfish	
Largemouth Bass	
Longear Sunfish	
Muskellunge	
Redear Sunfish	