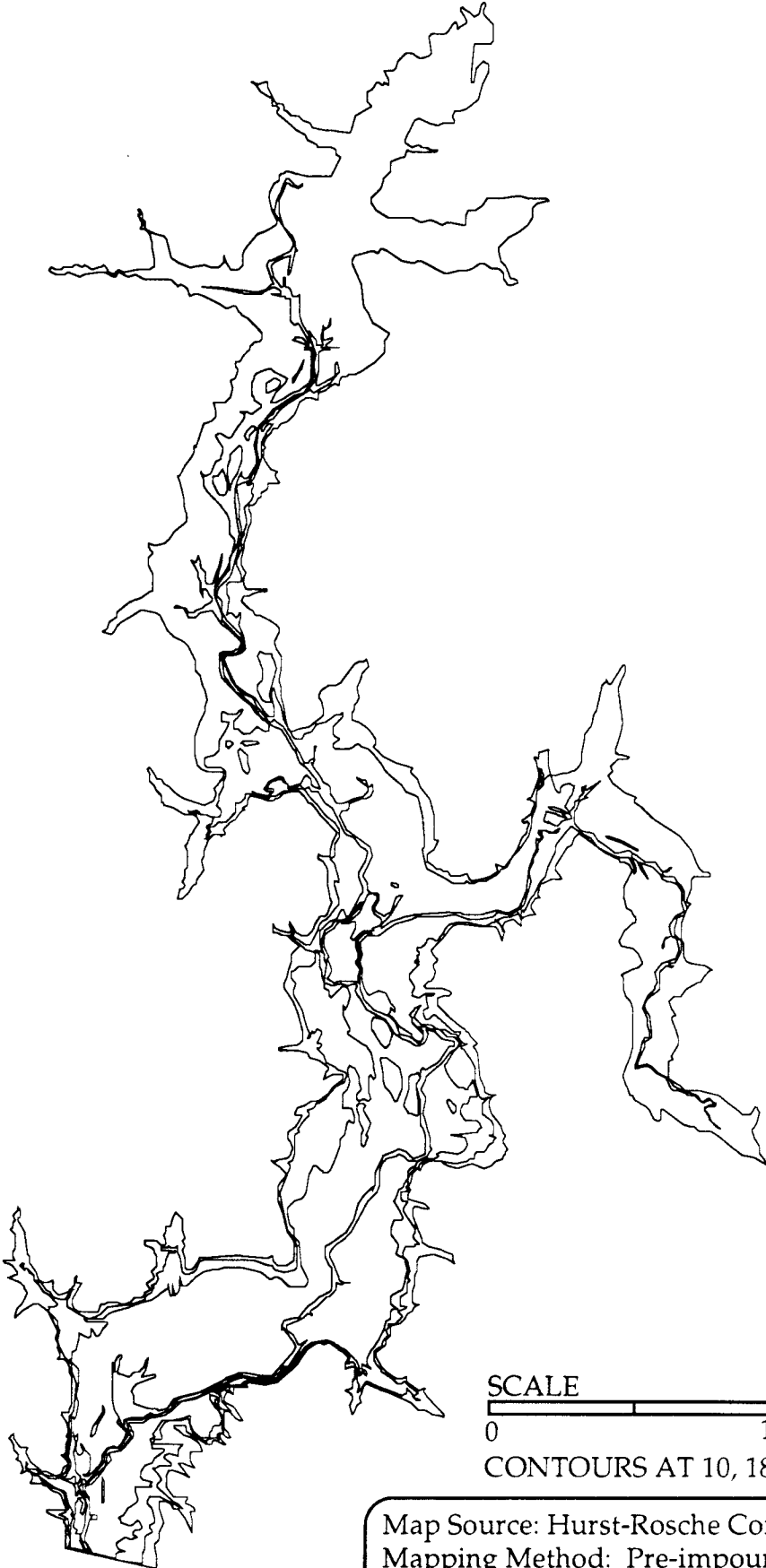


GLEN SHOALS LAKE



Map Source: Hurst-Rosche Consultants, Inc.
Mapping Method: Pre-impoundment survey
Date completed: 1/69

GLEN SHOALS LAKE

Habitat Codes

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:

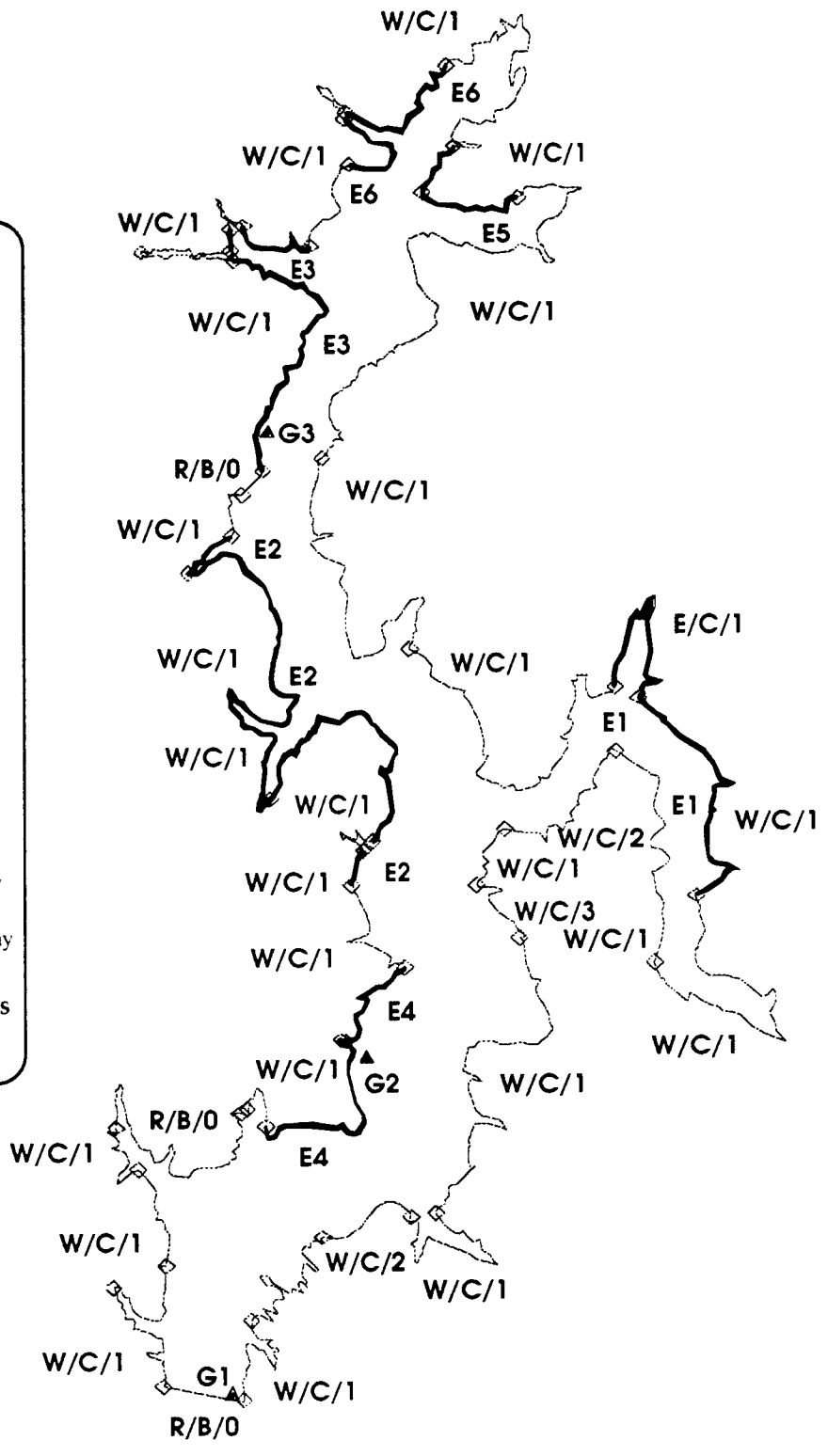
- M = Mud or silt
- C = Clay
- S = Sand
- G = Gravel
- B = Rock or boulder
- U = Unknown

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 > 67% woody debris.

Data compiled by the Illinois
Natural History Survey

Date 6/22/88



GLEN SHOALS

County: MONTGOMERY
 Latitude: 391050
 Longitude: 892950

IDOC Region: 4
 IDOC District:12
 IDOC Lake Number: 180
 Storet Code: RO-A01-L
 IDOC Lake Class: ST
 Lake Origin: AA
 Natural Division: 9A

Surface Area (ha): 451.9
 Surface Area (acres): 1084.6
 Mean Depth (m): 3.679
 Maximum Depth (m): 11.582
 Shore Length (km): 42.86
 Shoreline Dev. Index: 5.68

Year Constructed: 1978

USGS 7.5' Quad: HILLSBORO
 Major River Basin: KASKASKIA
 Inflowing Stream: MID FK SHOAL CR
 Outflowing Stream: MID FK SHOAL CR>KASK R

Watershed Area (ha): 570
 Storage Cap. (1000 m³): 16639.36
 Retention Time (yrs): 11.8
 Volume Dev. Index: 0.95

Typical Water Chemistry:
 Secchi Disk Depth (cm): 53
 Conductivity (umhos): 277
 Total Alkalinity (mg/l): 93
 pH: 6.9

Maximum Length (km): 3.16
 Maximum Width (km): 6.54
 Inshore Mean Depth (m): 2.4
 Pool Elevation (m msl): 179.8

Climatic Information:
 Growing Season (days): 183
 Growing Deg. Days (50°F base): 3855

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/C/1	3	3
R/B/0	3	
W/C/1	90	27
W/C/3	1	
W/C/2	3	

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

Black Bullhead	Longear Sunfish
Black Crappie	Orangespotted Sunfish
Bluegill	Red Shiner
Carp	Tiger Muskellunge
Channel Catfish	White Crappie
Gizzard Shad	Yellow Bullhead
Golden Shiner	
Green Sunfish	
Green Sunfish X Bluegill	
Green X Longear Sunfish	
Hybrid Striped Bass	
Largemouth Bass	