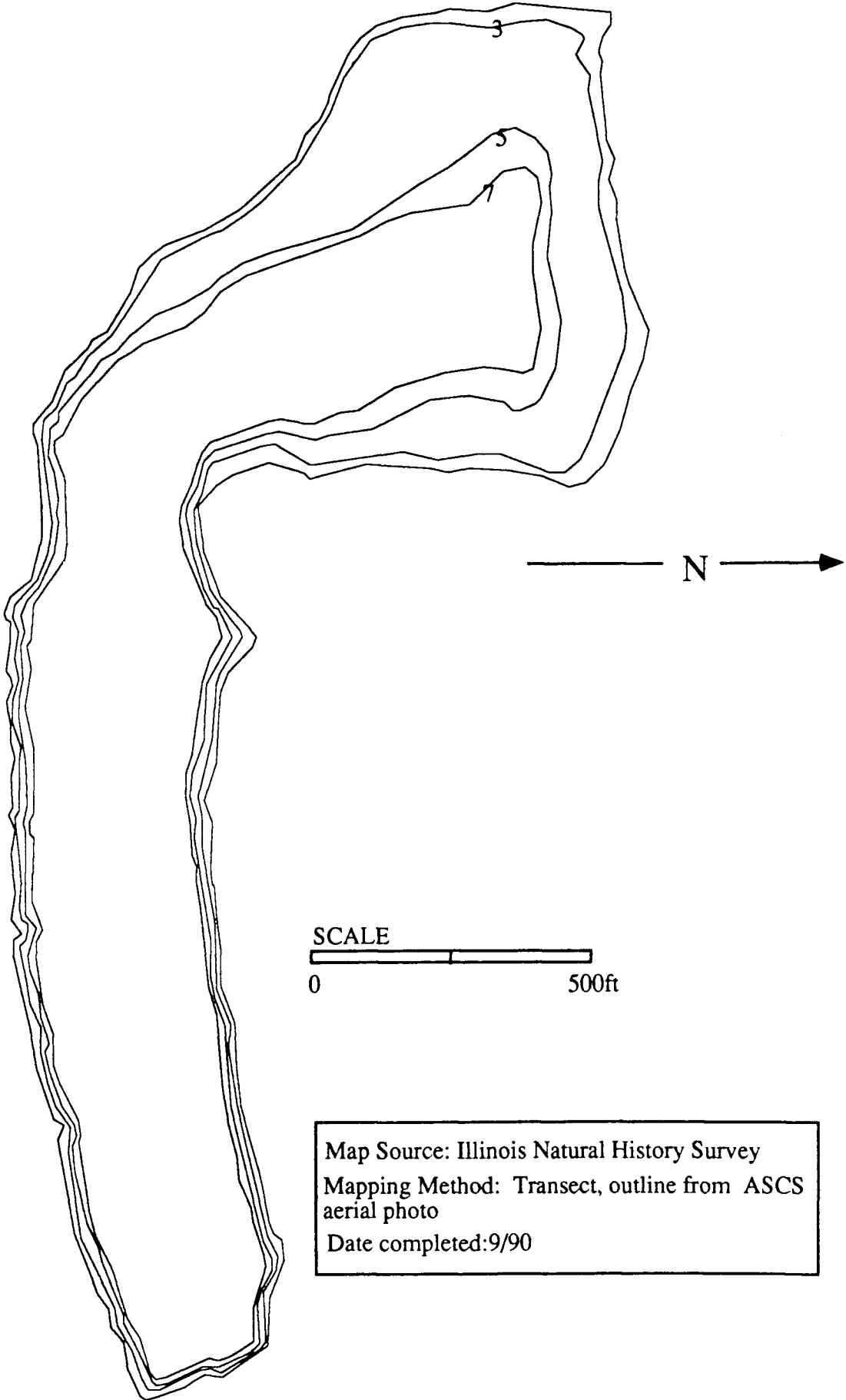
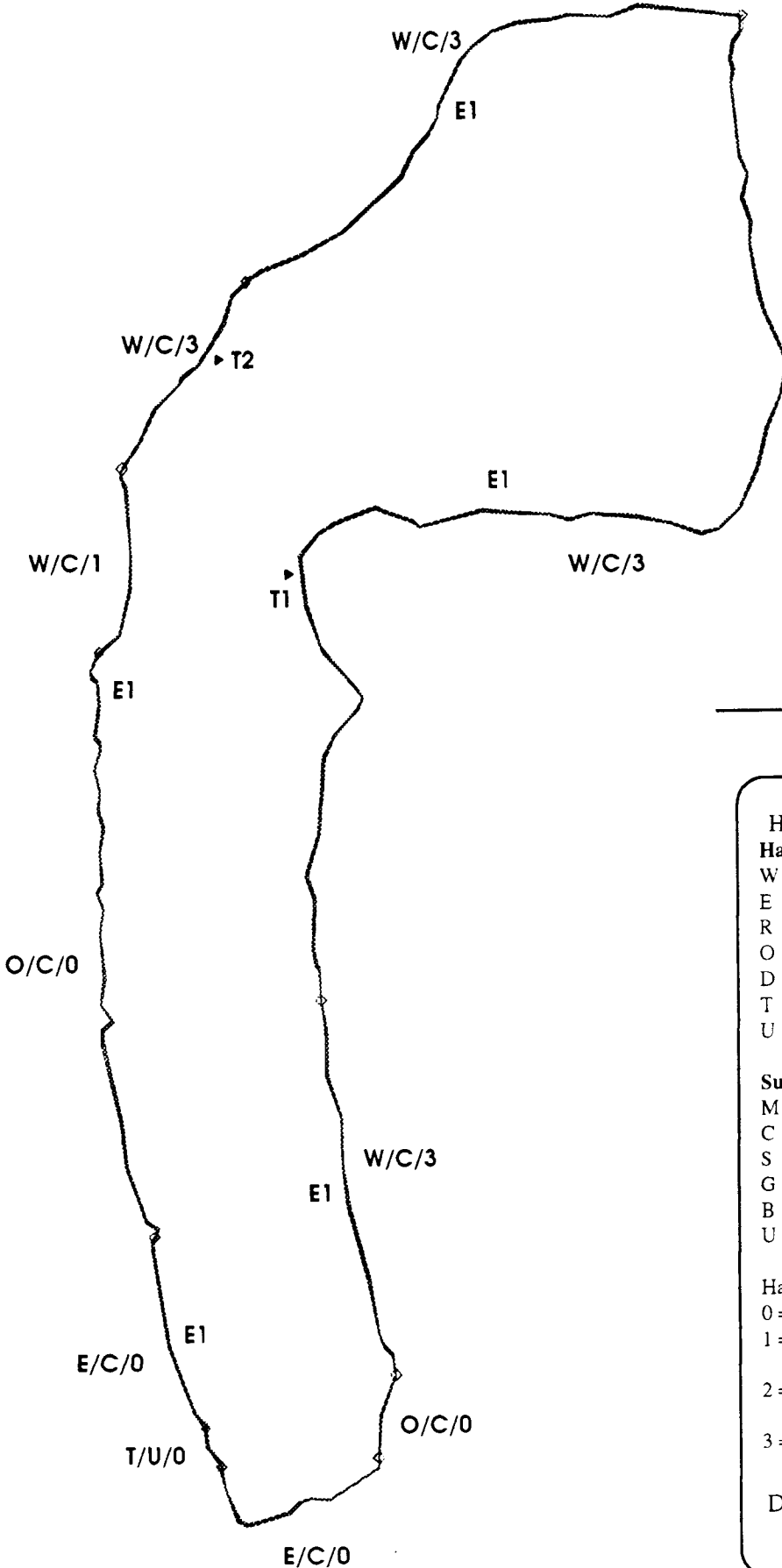


FRANK HOLTEN #3



Map Source: Illinois Natural History Survey
Mapping Method: Transect, outline from ASCS
aerial photo
Date completed: 9/90

FRANK HOLTEN #3



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

FRANK HOLTEN LAKE #3

County: ST. CLAIR
 Latitude: 383512
 Longitude: 900510

Township: T2N
 Range: R9W
 Section: 27,34

IDOC Region: 4
 IDOC District:13
 IDOC Lake Number: 199
 Storet Code: RJ-A04-M
 IDOC Lake Class: ST
 Lake Origin: AD
 Natural Division: 12A

Surface Area (ha): 32.7
 Surface Area (acres): 78.5
 Mean Depth (m): 1.774
 Maximum Depth (m): 2.438
 Shore Length (km): 3.35
 Shoreline Dev. Index: 1.73

Year Constructed: 1930

USGS 7.5' Quad: FRENCH VILLAGE*
 Major River Basin: MISS. S. CENT
 Inflowing Stream: TRIB FROM MAIN L
 Outflowing Stream: DRAINAGE DITCH

Typical Water Chemistry:

Secchi Disk Depth (cm): 35
 Conductivity (umhos): 510
 Total Alkalinity (mg/l): 124
 pH: 6.9

Watershed Area (ha): 209
 Storage Cap. (1000 m³): 114.43
 Retention Time (yrs): 0.2
 Volume Dev. Index: 2.25

Maximum Length (km): 1.219
 Maximum Width (km): 0.533
 Inshore Mean Depth (m): 3.75
 Pool Elevation (m msl): 127.4

Climatic Information:

Growing Season (days): 188
 Growing Deg. Days (50°F base): 4148

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/0	10	10
O/C/0	17	17
T/U/0	1	1
W/C/1	5	5
W/C/3	66	66

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

Bigmouth Buffalo	Shortnose Gar
Black Bullhead	Smallmouth Buffalo
Black Crappie	Warmouth
Bluegill	White Crappie
Carp	
Gizzard Shad	
Golden Shiner	
Goldfish	
Green Sunfish	
Largemouth Bass	
Redear Sunfish	
River Carpsucker	