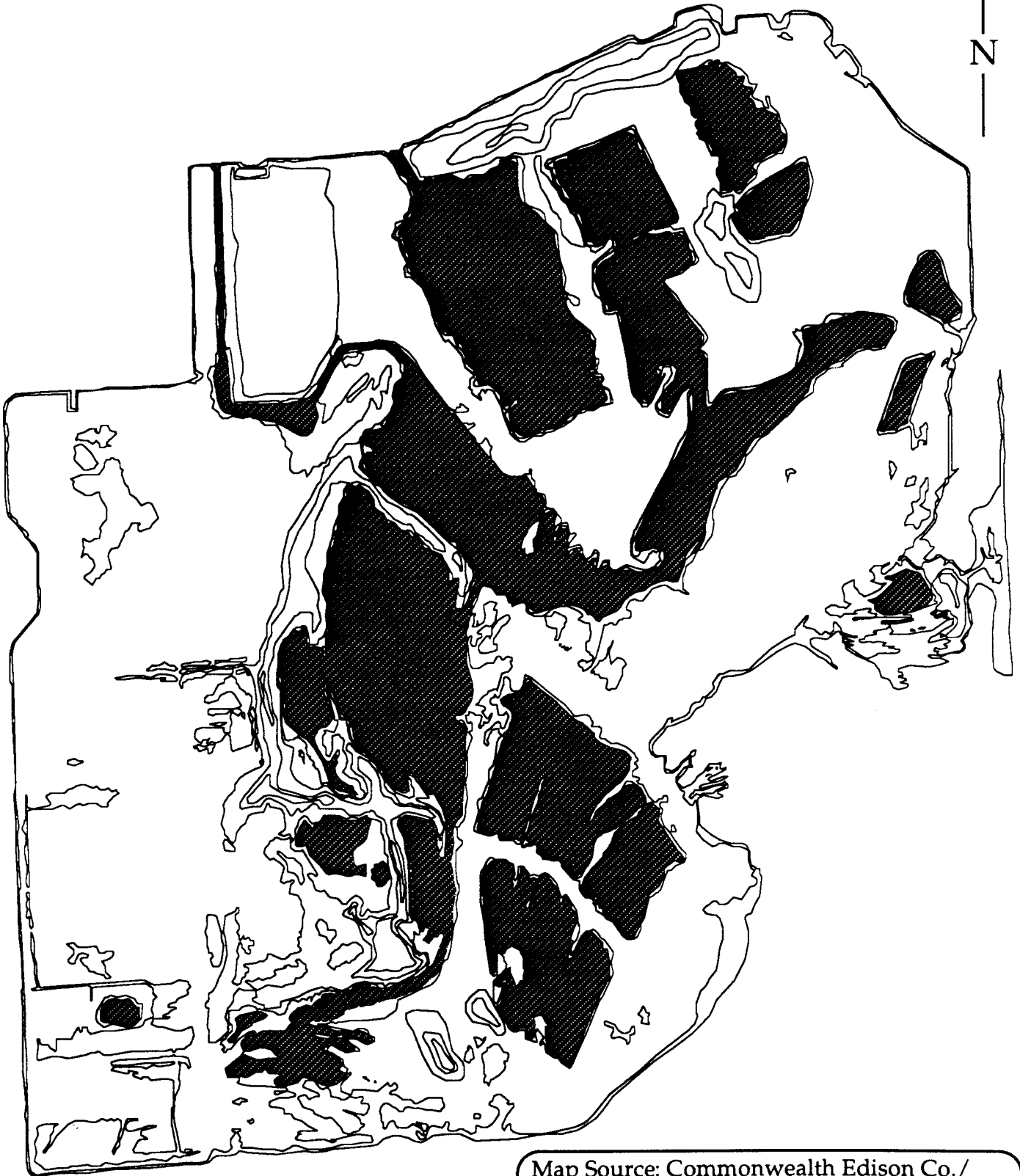
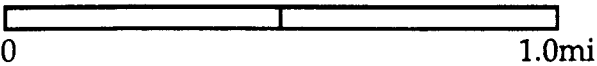


BRAIDWOOD LAKE



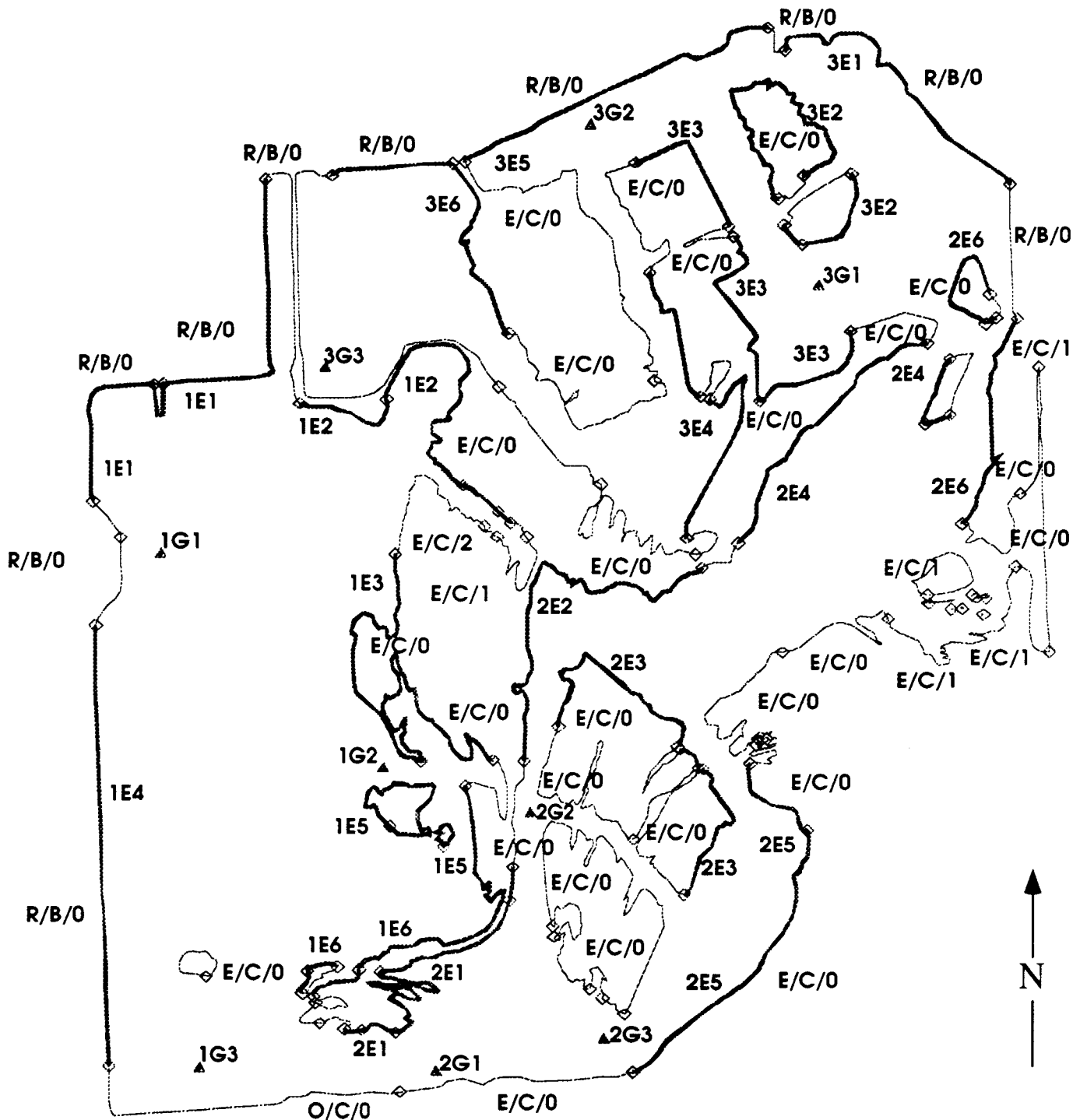
SCALE



COUNTOURS AT 5, 10, 30, & 50ft

Map Source: Commonwealth Edison Co./
Illinois Natural History Survey
Mapping Method: Pre-impoundment Survey/
Transect update
Date completed: 12/78 & 8/4/89

BRAIDWOOD LAKE



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 8/4/89

BRAIDWOOD LAKE

County: WILL
 Latitude: 411353
 Longitude: 881214

Township: T32N
 Range: R9E
 Section: 3,4,9,10

IDOC Region: 2
 IDOC District: 7
 IDOC Lake Number: 62
 Storet Code: RF-B02-C
 IDOC Lake Class: PR
 Lake Origin: AD
 Natural Division: 4A

Surface Area (ha): 933.9
 Surface Area (acres): 2241.3
 Mean Depth (m): 2.67
 Maximum Depth (m): 24.69
 Shore Length (km): 24.12
 Shoreline Dev. Index: 2.22

Year Constructed: 1981

USGS 7.5' Quad: ESSEX*
 Major River Basin: KANKAKEE
 Inflowing Stream: PUMPED FROM KANK R
 Outflowing Stream: PUMPED TO KANK R

Typical Water Chemistry:

Secchi Disk Depth (cm): 61
 Conductivity (umhos): 954
 Total Alkalinity (mg/l): 157
 pH: 8.8

Watershed Area (ha): 243
 Storage Cap. (1000 m³): 24965.24
 Retention Time (yrs): N/A
 Volume Dev. Index: 0.32

Maximum Length (km): 3.95
 Maximum Width (km): 4.56
 Inshore Mean Depth (m): 1.13
 Pool Elevation (m msl): 181.4

Climatic Information:

Growing Season (days): 174
 Growing Deg. Days (50°F base): 3126

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	9	2
E/C/0	68	33
O/C/0	2	1
R/B/0	21	13
T/U/0	1	

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

Black Bullhead	Ghost Shiner	Rock Bass
Black Crappie	Gizzard Shad	Sand Shiner
Blackstripe Topminnow	Shorthead Redhorse	Silver Redhorse
Bluegill	Golden Redhorse	Slenderhead Darter
Bluntnose Minnow	Grass Pickerel	Smallmouth Bass
Brook Silverside	Green Sunfish	Spotfin Shiner
Carp	Hybrid Striped Bass	Spottail Shiner
Channel Catfish	Largemouth Bass	Striped Bass
Common Shiner	Logperch	Tiger Muskellunge
Emerald Shiner	Longear Sunfish	Walleye
Fathead Minnow	Orangespotted Sunfish	White Crappie
Freshwater Drum	Redear Sunfish	