



Clear Lake



Clear Lake 2011

INSTITUTE FOR FISHERIES RESEARCH
 DIVISION OF FISHERIES MICHIGAN CONSERVATION DEPT.
 LAKE INVENTORY MAP
CLEAR LAKE
 AREA 24.8 ACRES
 MARGINAL SURVEY AND SOUNDINGS 3/16, 19/52
 HOUGHTON COUNTY T. 51 N., R. 36 W., SECS. 2, 4, 9, 10.

Sampling Point 



B.M. = 100.0 - R.L. SPIKE IN ROOT
 OF 14" HEMLOCK
 WATER SURFACE ELEV. = 93.4
 4/9/52






BOTTOM

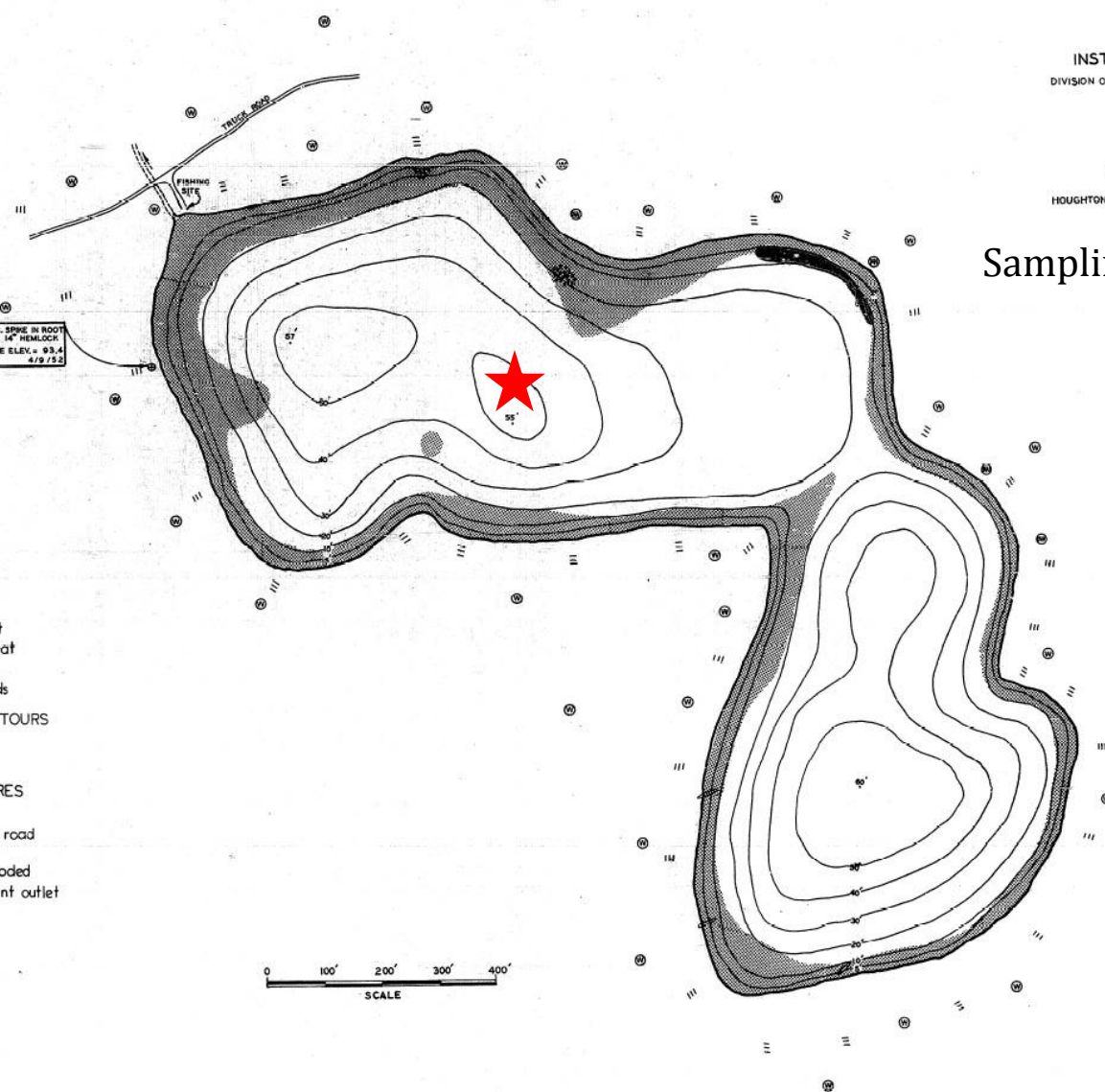
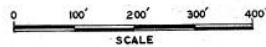
-  Sand
-  Pulpy peat
-  Fibrous peat
-  Gravel
-  Deadheads

OUTLINE & CONTOURS

-  Shoreline
-  Contours

SHORE FEATURES

-  Slope
-  Improved road
-  Wooded
-  Partly wooded
-  Intermittent outlet



Review of Findings: Clear Lake

PARAMETER	FINDING	INTERPRETATION
Lake Type	Groundwater drainage	Outlet only
pH	6.84	Nearly neutral
Alkalinity	4.0 ppm	Mod. sensitivity to acid rain
Hardness	4.6 ppm	Soft water
Secchi (clarity)	24 feet	Very good to excellent
Chlorophyll 'a'	0.4 ppb	Very little planktonic algae
Tot. Phosphorus	Non detect	Very good/excellent quality
Total Nitrogen	0.33 ppm	Ratio N:P indicates P-limited
Trophic Status	TSI (chlorophyll) =21.6	Oligotrophic
Conductivity	12.8 μ S/cm	Very little dissolved material
<i>Escherichia coli</i>	ND (MPM/100ml)	No fecal contamination found