



Ministry of  
Natural  
Resources

Ontario

## BAY LAKE

District of Parry Sound

Perry Township

### PHYSICAL DATA

LATITUDE	45°30'	LONGITUDE	79°12'
SURFACE AREA	328 acres	VOLUME	9,634 acre feet
HEIGHT ABOVE SEA LEVEL	1,200 feet	PERIMETER	5.6 miles
MAXIMUM DEPTH	102 feet	MEAN DEPTH	29.4 feet

### LAKE CHARACTERISTICS

The lake was thermally stratified at the time of survey. Water temperatures dropped from 75°F. at the surface to 42°F. at the sixty-three foot depth. The twenty-one degree temperature drop (65°F. to 44°F.) between the fifteen and thirty foot depths identified the thermocline, the water layer in which there was the most rapid decrease in temperature. The dissolved oxygen content ranged between 9.2 and 6.8 parts per million in the upper sixty feet of water. A mean 6.2 pH value showed an acidic characteristic in relation to the hydrogen ion composition in the water. A total dissolved solids concentration of 15 parts per million was determined from conductivity readings. Light penetration in this colourless water was indicated by the disappearance of the secchi disc from view, 14 feet below the surface.

### FISH SPECIES PRESENT

Lake trout, yellow pickerel, smallmouth bass, rainbow trout, brook trout, lake whitefish, burbot, pumpkinseed, yellow perch, white sucker, rainbow smelt, brown bullhead and a number of unidentified species of the Cyprinidae (minnow) Family.

### FISHING

Bay Lake offers fishing opportunity to those seeking lake trout, yellow pickerel and smallmouth bass. Rainbow trout and brook trout are occasionally taken. Summer angling methods include casting with worms, crayfish and frogs for smallmouth bass, and trolling for lake trout and pickerel. Some twenty-five years ago Bay Lake produced a 43 pound lake trout, but trout today are of a much more modest size. Rainbow trout and yellow pickerel are recent introductions. Smelt have been introduced illegally.

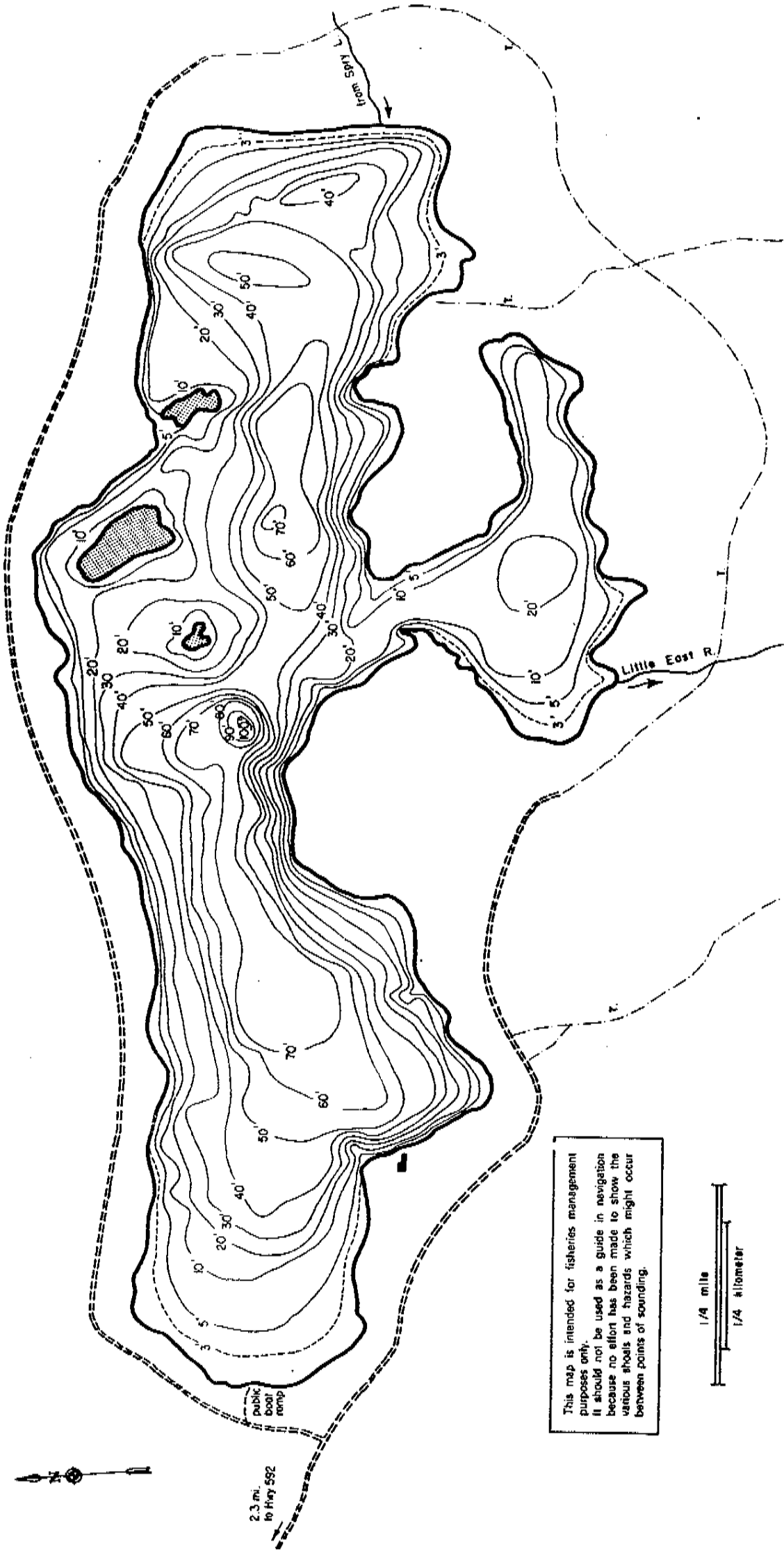
### ACCESS AND FACILITIES

Bay Lake is situated approximately 9 miles south and east of Emsdale on Highway 11. From Huntsville proceed 4.5 miles north on Highway 11B to Highway 11. Follow Highway 11 for 6 miles north to Novar and turn at Highway 592. Continue on Highway 592 for 3.5 miles north to Bay Lake Road and follow this road 2.3 miles to Bay Lake. There is one resort with 7 units situated on the lake. Motel, hotel, and camping facilities are available at Huntsville and Burk's Falls. There are two lodges at Novar with 21 cottages.

**SURVEY DATE — June 30, July 3, 1971**

**THE ABOVE INFORMATION IS VALID AS OF JULY, 1971  
CONDITIONS ARE SUBJECT TO CHANGE.**

**COPIES OF THIS MAP ARE AVAILABLE AT LOCAL MINISTRY OF  
NATURAL RESOURCES OFFICES.**



BAY LAKE  
PERRY TWP

This map is intended for fisheries management purposes only. It should not be used as a guide in navigation because no effort has been made to show the various shoals and hazards which might occur between points of sounding.

