



MANITOWIK LAKE

District of Algoma

Township 27 Range 25 and 26
Township 26 Range 24 and 25

PHYSICAL DATA

| | | | |
|------------------------|-------------|------------|-------------------|
| LATITUDE | 48°10' | LONGITUDE | 84°24' |
| SURFACE AREA | 4,924 acres | VOLUME | 607,891 acre feet |
| HEIGHT ABOVE SEA LEVEL | 1,000 feet | PERIMETER | 58.1 miles |
| MAXIMUM DEPTH | 390 feet | MEAN DEPTH | 123.4 feet |

LAKE CHARACTERISTICS

Thermal stratification was evident at the time of survey. Water temperatures dropped from 64°F. at the surface to 39°F. at the ninety-five foot depth, and remained constant thereafter. The thermocline, the mid layer of water in which there is a maximum drop in water temperature, was not distinctly identifiable, but a twenty degree variation (60°F. to 40°F.) was noted between the twenty-five and seventy-five foot depths. The dissolved oxygen content dropped progressively from 7.8 to 2.4 parts per million in the upper one hundred and nineteen feet of water. The mean 7.0 pH value showed a neutral characteristic in relation to the hydrogen ion composition in the water. An average dissolved solids concentration of 69 parts per million was determined from conductivity readings. Clarity in the yellowish brown coloured water was indicated by the disappearance of the secchi disc from view, 12.0 feet below the water surface.

FISH SPECIES PRESENT

Lake trout, northern pike, yellow pickerel, lake whitefish, burbot, longnose sucker, white sucker, yellow perch, lake herring, smallmouth bass, and a number of unidentified species of the Cyprinidae (minnow) Family.

FISHING

Manitowik Lake provides good year-round fishing for lake trout, yellow pickerel and northern pike. Lake trout and yellow pickerel exceeding 10 pounds have been taken.

ACCESS AND FACILITIES

Manitowik Lake is located 3.5 miles northeast of Highway 547 and Hawk Junction. To reach the lake turn right off Highway 547 just past the Hawk Creek bridge. Continue on this dirt road for .2 miles before turning right again. Follow this dirt road to the lake.

SURVEY DATE — August 1-12, 1972

THE ABOVE INFORMATION IS VALID AS OF AUGUST, 1972
CONDITIONS ARE SUBJECT TO CHANGE.