

# Marathon Beach

The sealed off wharf and marina have in effect formed a goyne (obstruction) that will hold up sediment that is wave driven along shore. This shows the extreme build up of these sediments since 1985. For a while I thought this was soon going to bypass this obstruction. After the strange winter particularly the heavy freeze/thaw cycle which now show where the draw down shorelines are. I now believe that this will take 50 to a 100 years or more to happen. In studying the EAI had my ideas turned down - so I heightened my research and found that the area from Harbourside to the 10th street rock is now trapping a lot of organic material and will soon become a marsh in the very near future. I also now know a lot about the pollution in the ground waters and how they flow into Lake Nipissing. There is usually a period when the ice is leaving that this can be seen right on the ground through a simple walk. An orange colored algae will be encountered - I, for one, do not like the looks of this and wonder if people should be swimming here?

## Legend

- gw - Ground Water plumes below summer water level
- st - Sediment traps where old organics are accumulating

