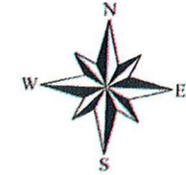


Appendix A

Quaternary Geology

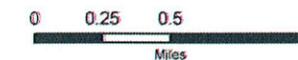
Lenox Township Macomb County, MI.



-  End moraines of fine-textured till
-  End moraines of medium-textured till
-  End moraines of coarse-textured till
-  Dune sand
-  Lacustrine clay and silt
-  Glacial Lake Shoreline

This map depicts surficial formations as the result of Quaternary glaciation of Michigan. An end moraine is a glacial landform deposited at the end of a stationary glacier. Till is an unsorted, highly variable soil that was transported and deposited by glacial ice. Areas indicated as lacustrine were formed at the bottom of glacial lakes.

Areas of glacial till material may not be very porous or permeable. While water is available at the subsurface it may not be produced in a rapid fashion. Fine-grained sediments deposited in glacial lake environments may be very tight and allow low water flow.



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Source: Michigan Geographic Data Library
October 23, 2008

