

## **Aquifer Characteristics of the Glacial Drift - plate 26, Hydrological Atlas of Michigan**

Original map compiled for the U.I.C. Project by the Department of Geology  
Western Michigan University, 1981

GIS shape file compiled for the Groundwater Mapping Project by Remote  
Sensing and GIS Research and Outreach Services at Michigan State  
University, 2004

### **Data Dictionary**

<b>GIS Codes</b> (Aqu_unit)	<b>Original Map Values</b>	<b>Explanation</b> (Aqu_char)
1	I	Thin drift (0-30 feet) overlying bedrock
2	II	Drift generally not an aquifer, may include thin interbedded aquifers at depth
3a	IIIa	Drift usually unconfined at or near surface, generally consists of interbedded aquifers, aquicludes, and aquitards at depths
3b	IIIb	Drift may or may not be aquifer at or near the surface. Drift generally consists of interbedded aquifers, aquicludes, and aquitards at depth
4	IV	Drift may be an unconfined aquifer to bedrock. Not possible to delineate from available data.
3aX 3bX		Aquifer characteristics generally conform to category III, but drift may not be an aquifer in small discontinuous areas

Contact for more information:

Justin M. Booth  
Remote Sensing and GIS Research and Outreach Services  
Department of Geography  
Michigan State University  
(517) 432-0446  
[boothj@msu.edu](mailto:boothj@msu.edu)