

Map 2: Geology and Soils



LEGEND

- Sand And Gravel Deposits
- Till or Bedrock
- Sandy Till Over Sand
- End Moraines
- Large Sand Deposits
- Fine-Grained Deposits
- Floodplain Alluvium

* Accuracy of geologic data does NOT support this scale.

- Town Boundary
- County Boundary
- Major Basin Boundary
- Sub-Basin Boundary
- Quadrangle Boundary
- Railroad
- Pipeline
- Limited Access Highway
- Multi-lane Hwy, not Limited Access
- Other Numbered Highway
- Major Road - Collector
- Minor Street or Road

DEFINITION:

Till or Bedrock: Mixtures of gravel, sand, and fine particles in differing proportions.

Fine-Grained Deposits: Particles range in size from 0.5mm to less than 0.004mm diameter.

Compiled and interpreted by MassGIS from USGS data published at 1:125,000.

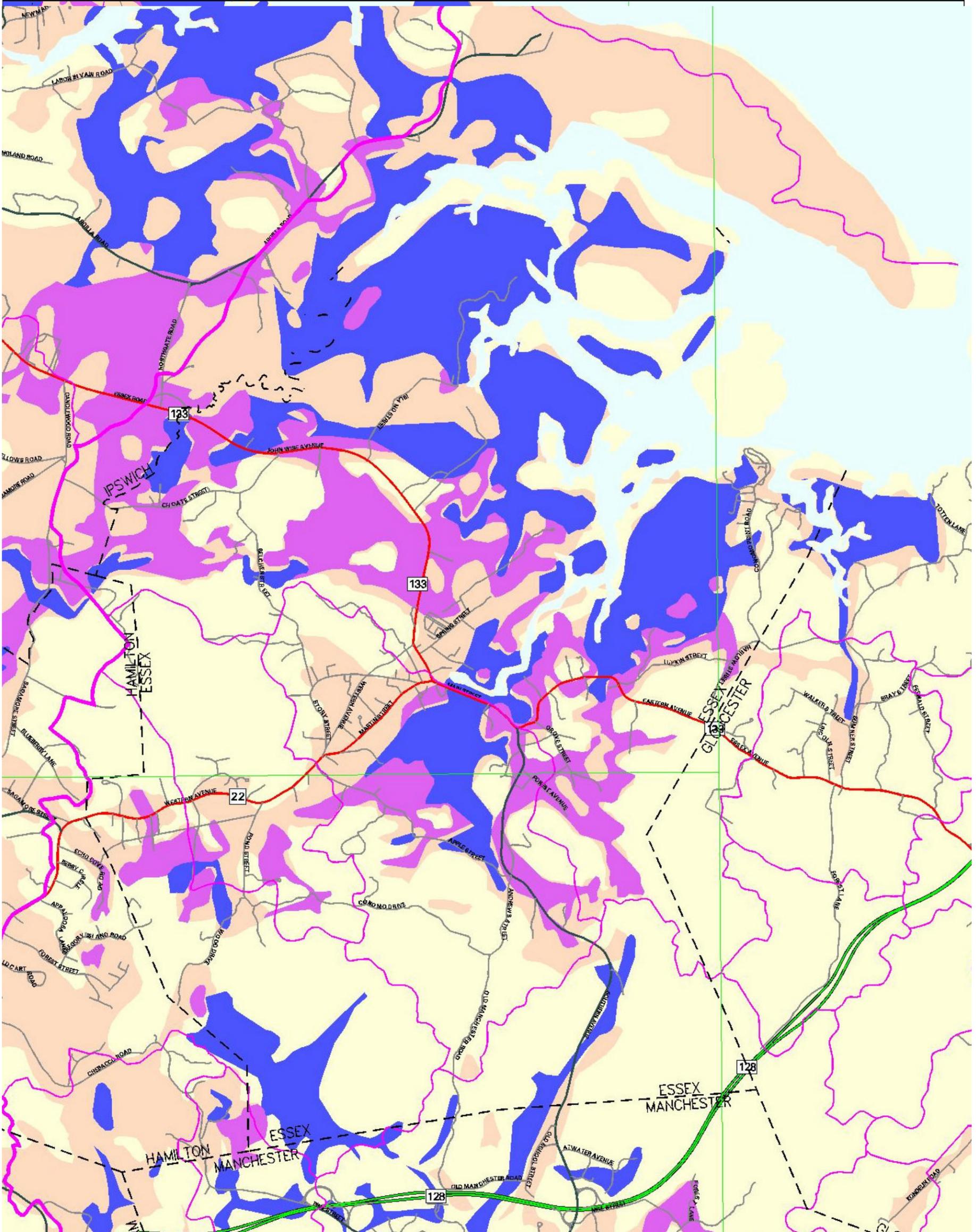
DATA SOURCES:

- Political Boundaries - Town boundaries were digitized by MassGIS from their USGS quadrangles USGS/MassGIS, 1:25,000. Source date is approximately 1985.
- Drainage Basins and Sub-Basins - Automated by MassGIS from USGS Water Resources Division streamlines. Individual basins for surface. Copyright: Public. Water features were added by DEP in April 1991. USGS/WRD/MassGIS, 1:24,000. (1987-2003)
- Highways, Roads, Trails, Pipelines and Railroads - Derived from USGS Digital Line Graphs (DLG) at 1:100,000 and at 1:25,000. Features are available from 1983. Roads from Mass. Highway Dept., 2003.
- Hydrography - Half of the state is available at 1:24,000 USGS DLG. Scanning of the remaining hydrography appears to be in progress; nearly all quadrangles are complete. Those that remain are either USGS 1:100,000 DLG enhanced with 1:25,000 features or quadrangles digitized at 1:25,000 by MassGIS. Source dates vary. USGS/MassGIS, 1:24,000 & 1:25,000.
- Coastline - The Massachusetts coast was extracted from the 1:24,000 DLG for all of the coast, except for Martha's Vineyard and Nantucket Islands. Coast boundary areas were also extracted from the 1:25,000 Hydrography data, but represents work done by MassGIS. USGS/MassGIS, 1:24,000.

Scale 1:25000

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This map is for illustrative purposes only. It represents the best available scientific data for scientific studies. If you have questions about the data shown on this map, direct them to MassGIS/OLA at (617) 620-1031.



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