

Suitable Soils for Drainage Water Management

Michigan



Geoprocessing Procedure

Soils Spatial and Tabular data obtained from the Soil Data Mart 8/24/2011

Selection Criteria:

1. Major Components: Percent Composition > 40%
2. Representative slope < 1 percent
3. Representative value of the Hydric Definition Growing Season Minimum

Depth of Water Table < 18 inches depth

Extent of Cultivated Crops obtained from the

2006 National Land Cover Dataset (NLCD), USGS.

The soil map units selected were converted to 30 meter raster data and intersected with the

reclassified Cultivated Cropland extracted from the NLCD.

Coincident areas less than 15 acres were deleted.

Michigan 1,259,731 Ac

1:2,500,000