

**Current Topsoil Specification (in MnDOT 2005 Spec Book)**

**C Premium Topsoil Borrow**

Premium topsoil borrow for use as a plant growing medium in critical areas and top dressing erosion stabilization mats shall be screened and pulverized and meet the requirements of Table 3877-3:

<b>Table 3877-3 Premium Topsoil Borrow Requirement</b>		
	<b>Minimum</b>	<b>Maximum</b>
Material Passing 2.0 mm (#10) Sieve	95%	--
Clay	10%	25%
Silt	25%	60%
Sand & Gravel	25%	60%
Organic Matter	5%	15%
pH	6.0	7.1
Soluble Salts	--	0.15 siemens/m <b>1.5 mmho/cm</b>

**Closest Topsoil Specification Found in MnDOT 2014 Spec Book**

**C Sandy Clay Loam Topsoil Borrow**

Provide topsoil borrow consisting mostly of a sandy clay loam and ranging into clay loam, sandy loam, and loam soils for use as a plant growing medium in critical areas, such as steep slopes and as a top dressing for Turf Reinforcement Mats and in accordance with Table 3877-3:

<b>Table 3877-3 Sandy Clay Loam Topsoil Borrow</b>		
<b>Requirement</b>	<b>Range</b>	<b>Test Method</b>
Screened and pulverized	—	—
Material passing the ¾ screen [19.0	100%	ASTM D 422
Material passing No. 4 [4.75 mm]	≥ 95%	ASTM D 422
Clay	15% – 35%	ASTM D 422
Silt	0% – 40%	ASTM D 422
Sand	30% – 80%	ASTM D 422
Organic matter	5% – 15%	ASTM D 2974
pH	6.0 – 7.1	ASTM G 51
Soluble salts	≤ 0.15 siemens/m [1.5 mmho/cm]	—