

CLASS I SOIL

Class	Surface Texture	Subsoil Permeability	Rooting Depth	Drainage	Erosion	% Slope	Surface Layer
I	Coarse, Light, or Medium	Moderate	Deep	Good	Colluvial or None to Slight	0-2 Nearly Level	If coarse, then < 20 inches thick

“E” SOIL CLASSES

Class	Surface Texture	Subsoil Permeability	Rooting Depth	Drainage	Erosion	% Slope	Surface Layer
IIe	Coarse, Light, or Medium	Moderate or Slow	Deep or Mod. Deep	Good or Fair	<u>Colluvial</u> , None to Slight or Moderate	2-6	If coarse, then < 20 inches thick
IIIe	Coarse, Light, or Medium	Moderate or Slow	Deep or Mod. Deep	Good or Fair	Severe <u>Colluvial</u> , None to Slight or Moderate	2-6 6-10	If coarse, then < 20 inches thick
IVe	Coarse, Light, Medium, or Fine	Moderate or Slow	Deep, Mod. Deep, or Shallow	Good or Fair	Very Severe Severe <u>Colluvial</u> , None to Slight or Moderate	2-6 6-10 10-15	If coarse, then < 20 inches thick
Ve	NONE RECOGNIZED IN SOUTH CAROLINA						
VIe		Moderate or Slow	Deep, Mod. Deep, or Shallow	Good or Fair	Very Severe Severe <u>Colluvial</u> , None to Slight or Moderate	6-10 10-15 15-25	
VIIe			Deep, Mod. Deep, Shallow, Very Shallow	Good or Fair	Very Severe Severe/Very Severe Any Degree Any Degree	10-15 15-25 25-40 40+	
VIIIe	NONE RECOGNIZED IN SOUTH CAROLINA						

“W” SOIL CLASSES

Class	Surface Texture	Subsoil Permeability	Rooting Depth	Drainage	Erosion	% Slope	Surface Layer
IIw	Coarse, Light, Medium, or Fine	Moderate or Slow	Deep or Mod. Deep	Fair	Alluvial or Colluvial or None to Slight	0-2	
IIIw	Coarse, Light, Medium, or Fine	Rapid, Moderate, or Slow	Deep or Mod. Deep	Poor	Alluvial or Colluvial or None to Slight	0-2	
IVw	Coarse, Light, Medium, or Fine	Rapid, Moderate, or Slow	Deep or Mod. Deep	Very Poor	Alluvial or Colluvial or None to Slight	0-2	
Vw	NOT FEASIBLE TO DRAIN			Very Poor		0-2	
VIw	WATER STANDS AT OR ABOVE THE SURFACE FOR LONG PERIODS OF TIME					0-2	
VIIw	PERMANENTLY WET, SWAMPY – COVERED WITH WATER MOST OF THE TIME					0-2	
VIIIw	SALT WATER TIDAL MARSH					0-2	

“S” SOIL CLASSES

Class	Surface Texture	Subsoil Permeability	Rooting Depth	Drainage	Erosion	% Slope	Surface Layer
IIs	Coarse	Moderate or Slow	Deep or Mod. Deep	Good	None to Slight	0-2 or 2-6	20-40 inches
IIIs	Coarse	Rapid	Deep	Fair or Excessive	None to Slight	0-2 or 2-6	> 40 inches
	Coarse	Moderate or Slow	Deep	Good	None to Slight	6-10	20-40 inches
IVs	Coarse	Very Rapid	Deep	Excessive	None to Slight	0-2 or 2-6	> 40 inches
		Rapid or Very Rapid				6-10	
		Moderate			None to Slight	2-6	Very Stony
Vs	NONE RECOGNIZED IN SOUTH CAROLINA						
VIs	Coarse	Rapid or Very Rapid	Deep	Excessive	None to Slight	10-15	> 40 inches
					None to Slight	6-10 or 10-15	Very Stony
VIIs						15-25 25-40 40+	Very Sandy and Droughty or Very Stony
VIIIs	THIS INCLUDES ROCK OUTCROPS, EXTREMELY STONY LAND, AND BEACHES						

NOTE: It is very difficult, if not impossible, to cover every scenario in these tables. Please use your best judgement in cases where an item is not covered.

Revised ~~8-15~~ 127/25/2016