

CLASS I SOIL

Class	Surface Texture	Subsoil Permeability	Depth of Subsoil and Topsoil	Drainage	Erosion	% Slope	Surface Layer
I	Light or Medium	Moderate	Deep	Good	None to Slight	0 – 2 Nearly Level	If coarse, then <20” thick

“E” SOIL CLASSES

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

“W” SOIL CLASSES

Class	Surface Texture	Subsoil Permeability	Depth of Subsoil and Topsoil	Drainage	Erosion	% Slope	Surface Layer
IIw	Light or Medium	Moderate or Slow	Deep or Moderately Deep	Fair	Alluvial or Colluvial None to Slight	0- 2	
IIIw	Coarse, Light, Medium, or Fine	Rapid, Moderate, Slow	Deep or Moderately Deep	Poor	Alluvial or Colluvial None to Slight	0- 2	
IVw	Coarse, Light, Medium, or Fine	Rapid, Moderate, Slow	Deep or Moderately Deep	Very Poor	Alluvial or Colluvial 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	Depth of Subsoil and Topsoil	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 to 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						
VIIs	Coarse	Rapid or Very Rapid	Deep	Excessive	None to Slight	10 – 15	> 40 Inches
					None to Slight	6 – 10 or 10 - 15	Very Stony
VIIIs						15 – 25 25 – 40 40+	Very Sandy and Droughty or Very Stony
VIIIs	THIS INCLUDES ROCK OUTCROPS, EXTREMELY STONY LAND, AND BEACHES						