



Site and Soil Evaluation for Onsite Wastewater Treatment and Disposal

Applicant Name and Property Address: _____

County: _____ Land Use/Earth Cover: _____

Property Address: _____ Landform: _____

Location/Subdivision: _____ Hillslope/Profile Position: _____

_____ Percent Slope: _____

Applicant Name: _____ Slope Shape: _____

Address: _____ Slope Aspect: _____

Phone #: _____ Date: _____

Lot #: _____ Soil Classifier: _____

Test Hole #: _____ Soil Classifier Address: _____

Latitude/Longitude: _____

Method: Pit Auger Probe

Soil Classifiers Embossment/Stamp: _____

Signature: _____

Phone#: _____

Soil Profile		Estimating Soil Saturation			Estimating Soil Permeability						Comments and Other Pertinent Soil Features
		Munsell Color (hue, value, chroma)		Redoximorphic Features/Mottles	Texture			Structure		Consistence (Moist)	
Horizon	Depth (inches)	Matrix Color	Concentrations		Depletions	LTAR Class	Sticki Class	Plastic. Class	Grade		Type (shape)
Suffix								USDA Class			

Most Limiting Soil Conditions	Depth (in.) and Description	Most Limiting Soil Conditions	Depth (in.) and Description	Soil Series and Soil Taxonomy	Comments/Recommendations
Zone of Saturation		Overburden/Fill Material		Vegetation Observed	
Clean Saprolite					
Restrictive Horizon		Loading Rate ga/da/ft2			
Weather Conditions		Free Water			

Note: The evaluation shall include a completed, scaled site plan including all requirements in the Site and Soil Evaluation instructions for SC Reg; 61-56

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		Concentrations		Depletions		USDA Class					
Most Limiting Soil Conditions		Depth (in.) and Description		Most Limiting Soil Conditions		Depth (in.) and Description		Additional Comments			
Zone of Saturation				Clean Saprolite				Restrictive Horizon			
Loading Rate ga/da/ft2				Free Water				Overburden/Fill Material			

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Land Use/Earth Cover

Barren
 Artificial Cover
 Row Crop
 Pasture
 Shrub Brush
 Immature forest
 Mature forest

Landform

Hillslope
 Flood Plain
 Depression
 Ridge
 Terrace
 Island
 Beach

Hillslope-Profile Position

Summit
 Shoulder
 Backslope
 Footslope
 Toeslope

Slope Shape

L-Linear
 V-Convex
 C-Concave
 eg. CC, LC, CC

Stickiness Class

SO - Non sticky
 SS - Slightly sticky
 MS - Moderately sticky
 VS - Very Sticky

Horizon

O - Organic matter OM
 A - Mineral and Organic
 E - Mineral, loss of clay,OM
 B - Mineral, development
 of color and structure
 C - Mineral, No development
 of color and structure
 R - Bedrock

Suffix

a - Highly decomposed OM
 b - Buried Horizon
 c - Concretions
 e - Moderately decomposed OM
 g - Gray Matrix color
 h - Illuvial OM accumulation
 i - Slightly decomposed OM
 m - Strong cementation

p - Plow Layer
 r - soft bedrock
 s - Illuvial sesquioxide accumulation
 ss - Slickensides
 t - Illuvial accumulation of clay
 v - Plinthite
 w - Weak color or structure in B only
 x - Fragipan

Plasticity Class

PO - Non Plastic
 SP - Slightly Plastic
 MP - Moderately Plastic
 VP - Very Plastic

LTAR Class

I
 II
 III
 IV

USDA Class

cos - Coarse Sand
 s - Sand
 fs - Fine Sand
 vfs - Very Fine Sand
 lcos - Loamy Coarse Sand
 ls - Loamy Sand
 lvfs - Loamy Very Fine Sand

cosl - Coarse Sandy Loam
 sl - Sandy Loam
 fsl - Fine Sandy Loam
 vfsl - Very Fine Sandy Loam
 l - Loam
 sil - Silt Loam
 si - Silt

sicl - Silty Clay Loam
 cl - Clay Loam
 scl - Sandy Clay Loam
 sc - Sandy Clay
 sic - Silty Clay
 c - clay

Grade (Structure)

0 - Structureless
 1 - Weak
 2 - Moderate
 3 - Strong

Type (Structure)

gr - Granular
 abk - Angular Blocky
 sbk - Subangular Blocky
 pl - Platy
 pr - Prismatic
 cpr - Columnar
 sg - Single Grain
 m - Massive

Consistence (Moist)

l - Loose
 vfr - Very Friable
 fr - Friable
 fi - Firm
 vfi - Very Firm
 ef - Extremely Firm
 sr - Slightly Rigid
 r - Rigid
 vr - Very Rigid