



## 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)			Texture			Structure		Consistence (Moist)	
Horizon Suffix	Depth (inches)	Matrix Color	Redoximorphic Features/Mottles		LTAR Class	Sticki Class	Plastic. Class	Grade	Type (shape)		
			Concentrations	Depletions						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		<b>Free Water</b>			

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