# Homesite Evaluation Score Card

#### HOMESITE EVALUATION SCORE CARD

ISE AND INTERPR	SETATION Septic Systems
Gardens	

PART ONE	PART TWO	PART TWO PLANNED USE AND INTERPRETATION			
CHARACTERISTIC	Degree of Limitation	Foundations	Lawns, Shrubs, Gardens	Septic Systems	
SURFACE TEXTURE: Sandy Loamy Clayey (Organic)	Slight Moderate Severe V. Severe				
	Same as ir	n Land Judg	ing!!!		
PERMEABILITY: Rapid Moderate Slow	Slight Moderate Severe V. Stevere				

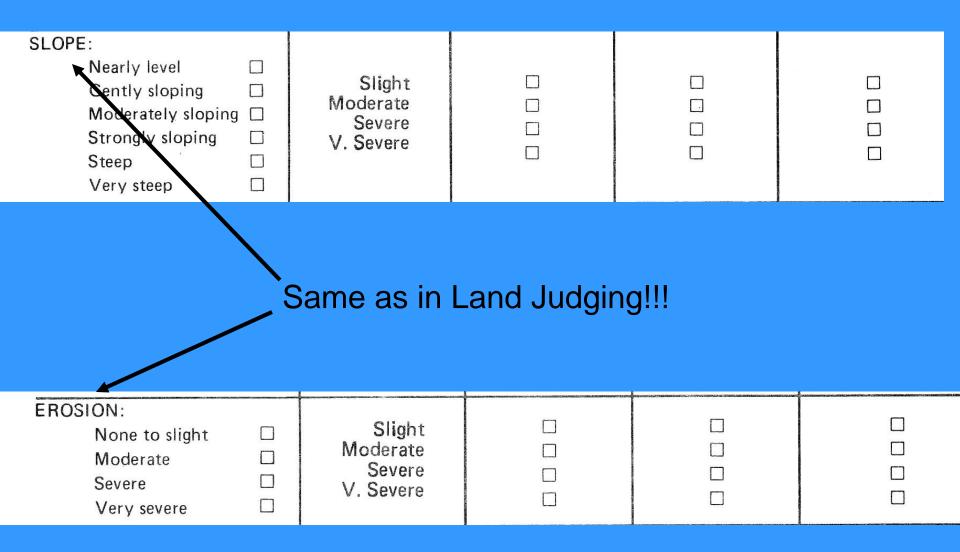
		Summary Table	2	
		Planned	l Use and Interpre	tation
Characte	ristic	Lawns, Shrubs Foundations and Gardens		Septic Systems
Texture:	Sandy Loamy Clayey Organic	Slight Slight Severe Severe	Moderate Slight Severe Severe	(No Rating)
Permeabi	lity: Rapid Moderate Slow	Slight Slight Moderate	Moderate Slight Moderate	Slight Slight Severe
Depth:	Shallow Moderately deep Deep	Severe Moderate Slight	Very Severe Slight Slight	Very Severe Severe Slight
Slope:	Nearly level Gently Sloping Moderately sloping Strongly sloping Steep Very Steep	Slight Slight Moderate Savere Very Severe Very Severe	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Slight Moderate Severe Very Severe
Erosion:	None to slight Moderate Severe Very Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe
Shrink-S	Swell: Low Moderate High	Slight Moderate Severe	(No Rating)	Slight Moderate Severe
Drainage	e: Poor Somewhat poor Moderately well and well Excessive	Severe Slight Slight Slight	Severe Moderate Slight Moderate	Very Severe Severe Moderate Slight
Flooding	g: None Occasional Frequent	Slight Severe Very Severe	Slight Severe Very Severe	Slight Severe Very Severe

# NOT the same as in Land Judging!! Refers to ease of excavation!!!

2			
DEPTH:	Slight		
Shallow	Slight Moderate		
Moderately deep	Severe		
Deep	V. Severe		

## Soil depth

This refers to the vertical depth of a soil to bedrock, such as limestone or consolidated clays, that restrict or prohibit excavations. Severity of limitations due to depth may vary greatly for different uses...



SHRINK - SWELL:	Slight		
Low	Moderate		
Moderate	Severe		
High	V. Severe		

# Only in Homesite Evaluation!!!

### Shrink-swell

Shrink-swell potential is implied in the permeability, texture, and mineralogy of a soil. Because it is important in foundation design, it should have special consideration. The most clayey layer in the profile is generally considered in relation to shrink-swell. Shrinkswell potential is not generally a factor for lawns, shrubs, and gardens.

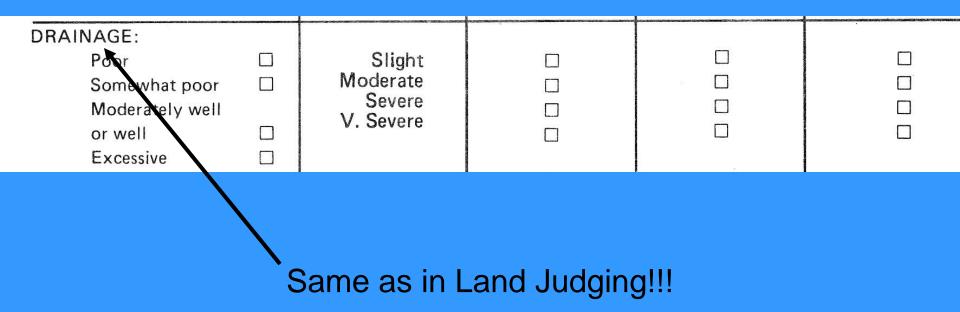
Low shrink-swell. Sandy soils, and <u>those loamy soils whose clay-size particles are</u> not influenced by smectite or montmorillonite clay. Slight limitations for foundations and septic systems. Moderate shrink-swell. Loamy soils with clay particles dominated by smectite or montmorillonite minerals, and clayey soils not dominated by smectite or montmorillonite clay. Moderate limitations for foundations and septic systems. High shrink-swell. Fine-textured soils having clay particles dominated by smectite or montmorillonite. Severe limitations for foundations and septic systems.

Note: Organic soil material as defined under "Surface Texture" in the "Land Judging" portion of this circular has low shrink-swell potential. (Organic soil may be subject to "subsidence," but shrink-swell is a different phenomenon from subsidence.) <sup>7</sup>









FLOODING:	Slight		
None	Moderate		
Occasional	Severe		
Frequent	V. Severe		

## Only in Homesite Evaluation!!!

#### Flooding

The occurrence of flooding is a factor frequently overlooked in planning the use and management of land. Flooding may not occur on an area for many years; then a serious flood can occur. Urban development on the watershed of a small stream can increase runoff by as much as 75 percent, thus greatly increasing flood hazards. Soils may give an indication of flooding, but records must be studied to determine the true condition. Position in the landscape and proximity to nearby streams are good indicators of frequency of flooding. In contests, this is normally given information.

#### No flooding. Slight limitations for any use.

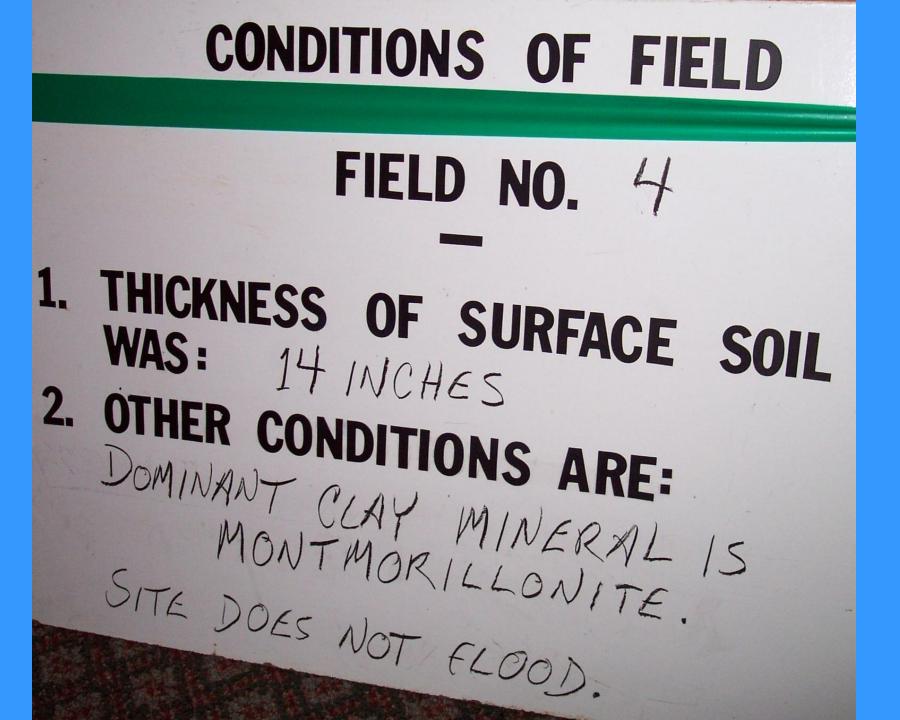
Occasional flooding. Less frequent than one year in five. Severe limitations for development.

Frequent flooding. Flooding is at least as frequent as one year in five. Very severe limitations for development.

		Summary Table	2	
		Planned	l Use and Interpre	tation
Characte	ristic	Lawns, Shrubs Foundations and Gardens		Septic Systems
Texture:	Sandy Loamy Clayey Organic	Slight Slight Severe Severe	Moderate Slight Severe Severe	(No Rating)
Permeabi	lity: Rapid Moderate Slow	Slight Slight Moderate	Moderate Slight Moderate	Slight Slight Severe
Depth:	Shallow Moderately deep Deep	Severe Moderate Slight	Very Severe Slight Slight	Very Severe Severe Slight
Slope:	Nearly level Gently Sloping Moderately sloping Strongly sloping Steep Very Steep	Slight Slight Moderate Savere Very Severe Very Severe	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Slight Moderate Severe Very Severe
Erosion:	None to slight Moderate Severe Very Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe
Shrink-S	Swell: Low Moderate High	Slight Moderate Severe	(No Rating)	Slight Moderate Severe
Drainage	e: Poor Somewhat poor Moderately well and well Excessive	Severe Slight Slight Slight	Severe Moderate Slight Moderate	Very Severe Severe Moderate Slight
Flooding	g: None Occasional Frequent	Slight Severe Very Severe	Slight Severe Very Severe	Slight Severe Very Severe

FINAL EVALUATION: Slight Moderate Severe V. Severe			
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Take the worst case from the column above each area of evaluation. There are <u>no penalties</u> for having more than one moderate or severe limitation!!!



	CONDITIONS OF FIELDS FOR HOMESITE EVALUATION FIELD NO
1.	Thickness of the surface soil was
2.	Other conditions are: Type of clay mineral that is dominant? Frequency of flooding?
	Gullies present? Range of depths to wet season water table?
	Other?

**Note:** Items in **red (bold)** *normally should* be shown on conditions poster. Items in green (not bold) *may or may not* be shown, at discretion of contest officials.

RANDY HOMESITE EVALUATION SCORE CARD				
Name //////	Indicate you	ur answer by an X	Site No in the □	
PART ONE	PART TWO	PLANNED	USE AND INTERPR	RETATION
CHARACTERISTIC	Degree of Limitation	Foundations	Lawns, Shrubs, Gardens	Septic Systems
SURFACE TEXTURE: Sandy Loamy Clayey (Organic)	Slight Moderate Severe V. Severe	J.	2	2
PERMEABILITY: Rapid Moderate Slow	Slight Moderate Severe V. Stevere	2	200	200
DEPTH: Shallow Moderately deep Deep	Slight Moderate Severe V. Severe	2	200	2
SLOPE: Nearly level Gently sloping Moderately sloping Strongly sloping Steep Very steep	Slight Moderate Severe V. Severe			2
EROSION: None to slight Moderate Severe Very severe	Slight Moderate Severe V. Severe	202		200
SHRINK - SWELL: Low Moderate High	Slight Moderate Severe V. Severe	2	0	
DRAINAGE: Poor Somewhat poor Moderately well or well Excessive	Slight Moderate Severe V. Severe	200	200	
FLOODING: None Occasional Frequent	Slight Moderate Severe V. Severe	2	200	20
FINAL EVALUATION:	Slight Moderate Severe V. Severe	2	200	
Institute of Food and Agricultur	Florida Cooperative Extension Service         Institute of Food and Agricultural Sciences         University of Florida, Gainesville    SCORE PART ONE SCORE PART TWO TOTAL SCORE			

HOMESITE H	EVALU	ATION	SCORE	CARD
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1     2     3     4       1     2     3     4       1     2     3     4	INDIVIDUAL NUMBER FIELD NUMBER HOMESITE - PART 1 HS1	IMPORTANT: Use #2 Pencil Erase Completely to Chang
CHARACTERISTIC -		Florida Cooperative Extension Service Institute of Food and Agricultural Scien University of Florida, Gainesville
SURFACE TEXTURE:	Sandy Loamy Clayey (Organic)	
PERMEABILITY:	<ul><li>Rapid</li><li>Moderate</li><li>Slow</li></ul>	
DEPTH:	<ul> <li>Shallow</li> <li>Moderately Deep</li> <li>Deep</li> </ul>	
SLOPE:	<ul> <li>Nearly level</li> <li>Gently sloping</li> <li>Moderately sloping</li> <li>Strongly sloping</li> <li>Steep</li> <li>Very Steep</li> </ul>	
EROSION:	<ul> <li>None to slight</li> <li>Moderate</li> <li>Severe</li> <li>Very severe</li> </ul>	
SHRINK-SWELL:	Low Moderate High	
DRAINAGE:	<ul> <li>Poor</li> <li>Somewhat poor</li> <li>Moderately well or well</li> <li>Excessive</li> </ul>	
FLOODING:	<ul> <li>None</li> <li>Occasional</li> <li>Frequent</li> </ul>	
		SCORE PART 1
		SCORE PART 2
		TOTAL SCORE

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Noncommon	0 1 2 3 4 5 6 7 8 9 M	
	1 2 3 4 INDIVIDUAL NUMBER	
	1   2   3   4   FIELD NUMBER	
	1 2 3 HOMESITE - PART 2	HS2

PART TWO       Image: Strate in the second sec	PART TWO		/	200	/	dens	,
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Very Severe       □       □         EROSION:       Slight       □       □         Moderate       □       □       □         Severe       □       □       □         Very Severe       □       □       □         SHRINK-SWELL:       Slight       □       □         SHRINK-SWELL:       Slight       □       □         Very Severe       □       □       □         BRAINAGE:       Slight       □       □         Very Severe       □       □       □         FLOODING:       Slight       □       □         FLOODING:       Slight       □       □         Yery Severe       □       □       □         FLOODING:       Slight       □       □         Yery Severe       □       □       □         FLOODING:       Slight       □       □         Yery Severe       □       □       □         FINAL EVALUATION:       Slight       □       □         Moderate       □       □       □         Moderate       □       □       □         FINAL EVALUATION:       Slight       □							
EROSION:       Slight		Severe					
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Severe	EROSION:	Slight					
Very Severe		Moderate					
SHRINK-SWELL:       Slight		Severe					
Moderate		~					
Severe          Very Severe          DRAINAGE:       Slight         Moderate          Severe          Very Severe          Very Severe          FLOODING:       Slight         Severe          Severe          Moderate          Severe          Moderate          Severe          Severe          Severe          Severe          Moderate          Moderate          Moderate          Moderate          Moderate          Severe	SHRINK-SWELL:						
Very Severe							
DRAINAGE:       Slight          Moderate           Moderate           Very Severe           FLOODING:       Slight          Moderate           Very Severe           Very Severe           FINAL EVALUATION:       Slight							
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Severe            Very Severe            FLOODING:       Slight            Moderate             Severe             Very Severe             FINAL EVALUATION:       Slight            Moderate             Severe	DRAINAGE:						
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FLOODING:       Slight          Moderate           Severe           Very Severe           FINAL EVALUATION:       Slight          Moderate           Severe           Moderate           Severe							
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Very Severe       Image: Comparison of the c							
FINAL EVALUATION:       Slight       Image: Constraint of the state of th							
Moderate  Severe	FINAL EVALUATIO						
Severe							
		Very Severe					

Indicate your answer by filling in the rectangle completely(

IMPORTANT: Use #2 Pencil -Erase Completely to Change

Florida Cooperative Extension Service Institute of Food and Agricultural Sciences University of Florida, Gainesville



Go to <u>http://landjudging.ifas.ufl.edu/</u> for additional information, including training materials as well as photos of pits and official answers from past State Contests.