# Homesite Evaluation Score Card

#### HOMESITE EVALUATION SCORE CARD

	Indicate yo	Indicate your answer by an X in the □				
PART ONE	PART TWO	PLANNED USE AND INTERPRETATION				
CHARACTERISTIC	Degree C Limitation	Foundations	Lawns, Shrubs Gardens	Septic Systems		
SURFACE TEXTURE: Sandy Loamy Clayey (Organic)	Slight Moderate Severe V. Severe			0		
PERMEABILITY: Rapid Moderate Slow	Slight Moderate Severe V. Severe					
DEPTH: Shallow Moderately deep Deep	Slight Moderate Severe V. Severe					
SLOPE:  Nearly level  Gently sloping  Moderately sloping  Strongly sloping  Steep  Very steep	Slight Moderate Severe V. Severe			0 0		
EROSION:  None to slight  Moderate  Severe  Very severe	Slight Moderate Severe V. Severe			0		
SHRINK - SWELL: Low Moderate High	Slight Moderate Severe V. Severe		0			
DRAINAGE: Poor Somewhat poor Moderately well or well Excessive	Slight Moderate Severe V. Severe			0		
FLOODING: None Occasional Frequent	Slight Moderate Severe V. Severe					
FINAL EVALUATION:	Slight Moderate Severe V. Severe					

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 in Land Judging!!!						
PERMEABILITY:  Rapid   Moderate   Slow	Slight Moderate Severe V. S <b>e</b> vere					

### Summary Table

			Planned Use and Interpretation				
Characteristic  Texture: Sandy Loamy Clayey Organic		Foundations	Lawns, Shrubs, and Gardens	Septic Systems (No Rating)			
		Slight Slight Severe Severe	Moderate Slight Severe Severe				
Permeabil	ity:	Rapid Moderate Slow	Slight Slight Moderate	Moderate Slight Moderate	Slight Slight Severe		
•	Shallo Modera Deep	w tely deep	Severe Moderate Slight	Very Severe Slight Slight	Very Sever Severe Slight		
	Modera	Sloping tely sloping ly sloping	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Slight Moderate Severe Very Sever		
Erosion:	Moder Sever		Slight Slight Moderate Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe		
Shrink-Sw		Low Moderate High	Slight Moderate Severe	(No Rating)	Slight Moderate Severe		
Drainage:	Some Mode a	what poor rately well nd well ssive	Severe Slight Slight Slight	Severe Moderate Slight Moderate	Very Sever Severe Moderate Slight		
Flooding	0cca	sional uent	Slight Severe Very Severe	Slight Severe Very Severe	Slight Severe Very Sever		

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

			_
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...

SLOPE: Nearly level  Sently sloping  Moderately sloping  Strongly sloping  Steep  Very steep	Slight Moderate Severe V. Severe				
Same as in Land Judging!!!					
EROSION:  None to slight  Moderate  Severe  Very severe	Slight Moderate Severe V. Severe				

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. Shrink-swell potential is not generally a factor for lawns, shrubs, and gardens.

**Low shrink-swell**. Sandy soils, and those loamy soils whose clay-size particles are 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.)







DRAINAGE: Poor Somewhat poor Moderately well or well Excessive	Slight Moderate Severe V. Severe		
Excessive		,	

Same as in Land Judging!!!

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

		Planned	Planned Use and Interpretation				
Characteri	istic	Foundations	Lawns, Shrubs, and Gardens	Septic Systems			
Texture: Sandy Loamy Clayey Organic		Slight Slight Severe Severe	Moderate Slight Severe Severe	(No Rating)			
Permeabili	ty: Rapid Moderate Slow	Slight Slight Moderate	Moderate Slight Moderate	Slight Slight Severe			
N	Shallow Moderately deep Deep	Severe Moderate Slight	Very Severe Slight Slight	Very Sever Severe Slight			
) 1 2	Nearly level Gently Sloping Moderately sloping Strongly sloping Steep Very Steep	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Moderate Severe Very Severe Very Severe	Slight Slight Slight Moderate Severe Very Sever			
Erosion:	None to slight Moderate Severe Very Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe	Slight Slight Moderate Severe			
Shrink-Swe	ell: Low Moderate High	Slight Moderate Severe	(No Rating)	Slight Moderate Severe			
Drainage:	Poor Somewhat poor Moderately well and well Excessive	Severe Slight Slight Slight	Severe Moderate Slight Moderate	Very Sever Severe Moderate Slight			
Flooding:	None Occasional Frequent	Slight Severe Very Severe	Slight Severe Very Severe	Slight Severe Very Seve			

EINIAL EVALUATION	Slight		
FINAL EVALUATION:	Moderate		
	Severe		
	V. Severe		

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 FIELD

# FIELD NO. 4

- 1. THICKNESS OF SURFACE SOIL WAS: 14 INCHES
- 2. OTHER CONDITIONS ARE:

DOMINANT CLAY MINERAL 15 MONTMORILLONITE. SITE DOES NOT FLOOD.

	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.

Name KANDY STORE EVALUATION SCORE CARD Site No					
Name	Indicate yo	ur answer by an X			
PART ONE	PART TWO	PLANNED	USE AND INTERP	RETATION	
CHARACTERISTIC	Degree of Limitation	Foundations	Lawns, Shrubs, Gardens	Septic Systems	
SURFACE TEXTURE: Sandy Loamy Clayey (Organic)	Slight Moderate Severe V. Severe	200	7	2:	
PERMEABILITY: Rapid Moderate Slow	Slight Moderate Severe V. S <b>e</b> vere	7	200	2000	
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	08	0	2	
ROSION:  None to slight  Moderate Severe  Very severe	Slight Moderate Severe V. Severe	202	<b>×</b>	200	
SHRINK - SWELL:  Low Moderate High	Slight Moderate Severe V. Severe	2	0 %	0	
DRAINAGE:  Poor Somewhat pool Moderately well or well Excessive	Slight Moderate Severe V. Severe	200	2000	OB	
FLOODING:  None Occasional Frequent	Slight Moderate Severe V. Severe	2 00	2 0	200	
FINAL EVALUATION:	Slight Moderate Severe V. Severe	2	200	0 = 14/	
Florida Cooperative Extension S Institute of Food and Agricultur University of Florida, Gainesville	al Sciences	SCORE	PART ONE PART TWO SCORE	42 7	

#### **HOMESITE EVALUATION SCORE CARD**

Name	Field No	
0 1 2 3 4	5 6 7 8 9 T N A O O O O O O O O O O O O O O O O O O	Indicate your answer by filling in the rectangle completely( ).  IMPORTANT: Use #2 Pencil Erase Completely to Chang  Florida Cooperative Extension Service Institute of Food and Agricultural Scien University of Florida, Gainesville
SURFACE TEXTURE:	Sandy Loamy Clayey (Organic)	
PERMEABILITY:	Rapid Moderate Slow	
DEPTH:	Shallow Moderately Deep Deep	
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:	None to slight Moderate Severe Very severe	
SHRINK-SWELL:	Low Moderate High	
DRAINAGE:	Poor Somewhat poor Moderately well or well Excessive	
FLOODING:	None Coccasional Frequent	
		SCORE PART 1
		SCORE PART 2

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TOTAL SCORE

	0	1	2	3	4	5 6 7 8 9 T N	
•	0	1	2	3	4	5 6 7 8 9 E O.	
•	0	1	2	3	4	5 6 7 8 9 M	
	1 2 3 4 INDIVIDUAL NUMBER						
١		1	1 2 3 4 FIELD NUMBER				
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PART TWO		,	00		1000
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	Very Severe				
PERMEABLILITY:	Slight				
	Moderate				
	Severe				
	Very Severe				
DEPTH:	Slight				
	Moderate				
	Severe				
	Very Severe			Ш	
SLOPE:	Slight				
	Moderate				
	Severe				
	Very Severe				
EROSION:	Slight	닏			
	Moderate				
	Severe				
CUDING CUDIT.	Very Severe				
SHRINK-SWELL:	Slight				
	Moderate				
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DRAINAGE:	Slight				
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	Severe		H		
	Very Severe				
FLOODING:	Slight				
	Moderate	H	H		
	Severe	H	H		
	Very Severe	H			
FINAL EVALUATIO					
	Moderate				
	Severe	m			
	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 <a href="http://landjudging.ifas.ufl.edu/">http://landjudging.ifas.ufl.edu/</a> for additional information, including training materials as well as photos of pits and official answers from past State Contests.