

Homesite Evaluation Score Card

HOMESITE EVALUATION SCORE CARD

Name _____ Site No. _____

Indicate your answer by an X in the ☐

PART ONE CHARACTERISTIC

PART TWO

PLANNED USE AND INTERPRETATION

SURFACE TEXTURE:

Sandy ☐
Loamy ☐
Clayey ☐
(Organic) ☐

Slight
Moderate
Severe
V. Severe

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☐
☐
☐

☐
☐
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☐
☐
☐
☐

PERMEABILITY:

Rapid ☐
Moderate ☐
Slow ☐

Slight
Moderate
Severe
V. Severe

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☐
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DEPTH:

Shallow ☐
Moderately deep ☐
Deep ☐

Slight
Moderate
Severe
V. Severe

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SLOPE:

Nearly level ☐
Gently sloping ☐
Moderately sloping ☐
Strongly sloping ☐
Steep ☐
Very steep ☐

Slight
Moderate
Severe
V. Severe

☐
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EROSION:

None to slight ☐
Moderate ☐
Severe ☐
Very severe ☐

Slight
Moderate
Severe
V. Severe

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☐
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SHRINK - SWELL:

Low ☐
Moderate ☐
High ☐

Slight
Moderate
Severe
V. Severe

☐
☐
☐
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☐
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☐
☐

DRAINAGE:

Poor ☐
Somewhat poor ☐
Moderately well
or well ☐
Excessive ☐

Slight
Moderate
Severe
V. Severe

☐
☐
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☐
☐

FLOODING:

None ☐
Occasional ☐
Frequent ☐

Slight
Moderate
Severe
V. Severe

☐
☐
☐
☐

☐
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☐
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☐

FINAL EVALUATION:

Slight
Moderate
Severe
V. Severe

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☐
☐
☐

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PART ONE CHARACTERISTIC	PART TWO PLANNED USE AND INTERPRETATION			
	Degree of Limitation	Foundations	Lawns, Shrubs, Gardens	Septic Systems
SURFACE TEXTURE:				
Sandy <input type="checkbox"/>	Slight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loamy <input type="checkbox"/>	Moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clayey <input type="checkbox"/>	Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Organic) <input type="checkbox"/>	V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Same as in Land Judging!!!

PERMEABILITY:				
Rapid <input type="checkbox"/>	Slight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderate <input type="checkbox"/>	Moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Slow <input type="checkbox"/>	Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Summary Table

Characteristic	Planned Use and Interpretation		
	Foundations	Lawns, Shrubs, and Gardens	Septic Systems
Texture: Sandy	Slight	Moderate	(No Rating)
Loamy	Slight	Slight	
Clayey	Severe	Severe	
Organic	Severe	Severe	
Permeability: Rapid	Slight	Moderate	Slight
Moderate	Slight	Slight	Slight
Slow	Moderate	Moderate	Severe
Depth: Shallow	Severe	Very Severe	Very Severe
Moderately deep	Moderate	Slight	Severe
Deep	Slight	Slight	Slight
Slope: Nearly level	Slight	Slight	Slight
Gently sloping	Slight	Slight	Slight
Moderately sloping	Moderate	Moderate	Slight
Strongly sloping	Severe	Severe	Moderate
Steep	Very Severe	Very Severe	Severe
Very Steep	Very Severe	Very Severe	Very Severe
Erosion: None to slight	Slight	Slight	Slight
Moderate	Slight	Slight	Slight
Severe	Moderate	Moderate	Moderate
Very Severe	Severe	Severe	Severe
Shrink-Swell: Low	Slight	(No Rating)	Slight
Moderate	Moderate		Moderate
High	Severe		Severe
Drainage: Poor	Severe	Severe	Very Severe
Somewhat poor	Slight	Moderate	Severe
Moderately well and well	Slight	Slight	Moderate
Excessive	Slight	Moderate	Slight
Flooding: None	Slight	Slight	Slight
Occasional	Severe	Severe	Severe
Frequent	Very Severe	Very Severe	Very Severe

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



DEPTH:				
Shallow	<input type="checkbox"/>	Slight	<input type="checkbox"/>	<input type="checkbox"/>
Moderately deep	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	<input type="checkbox"/>
Deep	<input type="checkbox"/>	Severe	<input type="checkbox"/>	<input type="checkbox"/>
		V. Severe	<input type="checkbox"/>	<input type="checkbox"/>

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	<input type="checkbox"/>	Slight Moderate Severe V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gently sloping	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderately sloping	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly sloping	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steep	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very steep	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Same as in Land Judging!!!

EROSION:					
None to slight	<input type="checkbox"/>	Slight Moderate Severe V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderate	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Severe	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very severe	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SHRINK - SWELL:					
Low	<input type="checkbox"/>	Slight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderate	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High	<input type="checkbox"/>	Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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.) ⁷



DRAINAGE:

Poor ☐
Somewhat poor ☐
Moderately well
or well ☐
Excessive ☐

Slight
Moderate
Severe
V. Severe

☐
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Same as in Land Judging!!!

FLOODING:				
None	<input type="checkbox"/>	Slight	<input type="checkbox"/>	<input type="checkbox"/>
Occasional	<input type="checkbox"/>	Moderate	<input type="checkbox"/>	<input type="checkbox"/>
Frequent	<input type="checkbox"/>	Severe	<input type="checkbox"/>	<input type="checkbox"/>
		V. Severe	<input type="checkbox"/>	<input type="checkbox"/>

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

Characteristic	Planned Use and Interpretation		
	Foundations	Lawns, Shrubs, and Gardens	Septic Systems
Texture: Sandy	Slight	Moderate	(No Rating)
Loamy	Slight	Slight	
Clayey	Severe	Severe	
Organic	Severe	Severe	
Permeability: Rapid	Slight	Moderate	Slight
Moderate	Slight	Slight	Slight
Slow	Moderate	Moderate	Severe
Depth: Shallow	Severe	Very Severe	Very Severe
Moderately deep	Moderate	Slight	Severe
Deep	Slight	Slight	Slight
Slope: Nearly level	Slight	Slight	Slight
Gently sloping	Slight	Slight	Slight
Moderately sloping	Moderate	Moderate	Slight
Strongly sloping	Severe	Severe	Moderate
Steep	Very Severe	Very Severe	Severe
Very Steep	Very Severe	Very Severe	Very Severe
Erosion: None to slight	Slight	Slight	Slight
Moderate	Slight	Slight	Slight
Severe	Moderate	Moderate	Moderate
Very Severe	Severe	Severe	Severe
Shrink-Swell: Low	Slight	(No Rating)	Slight
Moderate	Moderate		Moderate
High	Severe		Severe
Drainage: Poor	Severe	Severe	Very Severe
Somewhat poor	Slight	Moderate	Severe
Moderately well and well	Slight	Slight	Moderate
Excessive	Slight	Moderate	Slight
Flooding: None	Slight	Slight	Slight
Occasional	Severe	Severe	Severe
Frequent	Very Severe	Very Severe	Very Severe

FINAL EVALUATION:	Slight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Moderate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Take the worst case from the column above each area of evaluation. There are no penalties 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 IS
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.

HOMESITE EVALUATION SCORE CARD

Name RANDY BROWN Site No. 4

Indicate your answer by an X in the ☐

PART ONE CHARACTERISTIC	PART TWO PLANNED USE AND INTERPRETATION			
	Degree of Limitation	Foundations	Lawns, Shrubs, Gardens	Septic Systems
SURFACE TEXTURE:				
Sandy <input checked="" type="checkbox"/>	Slight <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Loamy 2 <input type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input type="checkbox"/>
Clayey <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Organic) <input type="checkbox"/>	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PERMEABILITY:				
Rapid <input type="checkbox"/>	Slight <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Moderate 2 <input checked="" type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Slow <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DEPTH:				
Shallow 2 <input type="checkbox"/>	Slight <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Moderately deep <input type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Deep <input checked="" type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SLOPE:				
Nearly level 00 <input type="checkbox"/>	Slight <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>
Gently sloping <input checked="" type="checkbox"/>	Moderate <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Moderately sloping <input checked="" type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strongly sloping <input type="checkbox"/>	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steep <input type="checkbox"/>				
Very steep <input type="checkbox"/>				
EROSION:				
None to slight <input type="checkbox"/>	Slight <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Moderate 2 <input checked="" type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Severe <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Very severe <input type="checkbox"/>	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SHRINK - SWELL:				
Low <input type="checkbox"/>	Slight <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moderate 2 <input checked="" type="checkbox"/>	Moderate <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	0 <input checked="" type="checkbox"/>	00 <input checked="" type="checkbox"/>
High <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRAINAGE:				
Poor 2 <input type="checkbox"/>	Slight <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Somewhat poor <input type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	00 <input checked="" type="checkbox"/>
Moderately well <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
or well <input checked="" type="checkbox"/>	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excessive <input type="checkbox"/>				
FLOODING:				
None 2 <input checked="" type="checkbox"/>	Slight <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Occasional <input type="checkbox"/>	Moderate <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>	2 <input type="checkbox"/>
Frequent <input type="checkbox"/>	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FINAL EVALUATION:				
	Slight <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Moderate <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	2 <input checked="" type="checkbox"/>	0 <input checked="" type="checkbox"/>
	Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	V. Severe <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

SCORE PART ONE
 SCORE PART TWO
 TOTAL SCORE **56**

HOMESITE EVALUATION SCORE CARD

Name _____ Field No. _____

0	1	2	3	4	5	6	7	8	9	T E A M	
0	1	2	3	4	5	6	7	8	9		
0	1	2	3	4	5	6	7	8	9		
1	2	3	4	INDIVIDUAL NUMBER							
1	2	3	4	FIELD NUMBER							
1	2		4	HOMESITE - PART 1				HS1			

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

CHARACTERISTIC - PART ONE

SURFACE TEXTURE:	<input type="checkbox"/> Sandy <input type="checkbox"/> Loamy <input type="checkbox"/> Clayey <input type="checkbox"/> (Organic)
PERMEABILITY:	<input type="checkbox"/> Rapid <input type="checkbox"/> Moderate <input type="checkbox"/> Slow
DEPTH:	<input type="checkbox"/> Shallow <input type="checkbox"/> Moderately Deep <input type="checkbox"/> Deep
SLOPE:	<input type="checkbox"/> Nearly level <input type="checkbox"/> Gently sloping <input type="checkbox"/> Moderately sloping <input type="checkbox"/> Strongly sloping <input type="checkbox"/> Steep <input type="checkbox"/> Very Steep
EROSION:	<input type="checkbox"/> None to slight <input type="checkbox"/> Moderate <input type="checkbox"/> Severe <input type="checkbox"/> Very severe
SHRINK-SWELL:	<input type="checkbox"/> Low <input type="checkbox"/> Moderate <input type="checkbox"/> High
DRAINAGE:	<input type="checkbox"/> Poor <input type="checkbox"/> Somewhat poor <input type="checkbox"/> Moderately well or well <input type="checkbox"/> Excessive
FLOODING:	<input type="checkbox"/> None <input type="checkbox"/> Occasional <input type="checkbox"/> Frequent

SCORE PART 1

SCORE PART 2

TOTAL SCORE

0	1	2	3	4	5	6	7	8	9	T N E A M
0	1	2	3	4	5	6	7	8	9	
0	1	2	3	4	5	6	7	8	9	
1	2	3	4	INDIVIDUAL NUMBER						
1	2	3	4	FIELD NUMBER						
1	2	3		HOMESITE - PART 2						HS2

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

PART TWO		Planned Use and Interpretation		
Degree of Limitation		Foundations	Lawns, Shrubs, Gardens	Septic Systems
SURFACE TEXTURE:	Slight			
	Moderate			
	Severe			
	Very Severe			
PERMEABILITY:	Slight			
	Moderate			
	Severe			
	Very Severe			
DEPTH:	Slight			
	Moderate			
	Severe			
	Very Severe			
SLOPE:	Slight			
	Moderate			
	Severe			
	Very Severe			
EROSION:	Slight			
	Moderate			
	Severe			
	Very Severe			
SHRINK-SWELL:	Slight			
	Moderate			
	Severe			
	Very Severe			
DRAINAGE:	Slight			
	Moderate			
	Severe			
	Very Severe			
FLOODING:	Slight			
	Moderate			
	Severe			
	Very Severe			
FINAL EVALUATION:	Slight			
	Moderate			
	Severe			
	Very Severe			



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