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HOMESITE STUDY GUIDE

SOIL FACTORS		CATEGORIES	LIMITATIONS*	NOTES
SURFACE TEXTURE	Coarse	Sand, Loamy Sand	22	
	Moderately Coarse, Medium, Moderately Fine	All Sandy Loams, Loam, Silt Loam, Silt, Clay Loam, Sandy Clay Loam, Silty Clay Loam	11	
	Fine	Sandy Clay, Silty Clay, Clay	33	
PERMEABILITY	Very Slow	(<0.06/hr)	341	Fine texture, hard clods
(Subsoil Texture)	Slow	(0.06-0.6"/hr)	231	Moderately Fine
	Moderate	(0.6-2.0"/hr)	122	Medium and Moderately Coarse
	Rapid	(2"+/hr)	213	Coarse
	**Rapid	(6"+/hr)	244	<i>Only if placard states 6"+/hr</i>
DEPTH OF SOIL	Very Shallow	(<10")	4444	Measure to the bottom of the pit or to a restrictive layer where roots cannot penetrate.
	Shallow	(10-20")	3344	
	Mod. Deep	(20-40")	2233	
	Deep	(40-72")	1122	
	Very Deep	(>72")	1111	
SLOPE	Nearly Level to Gentle	0-3%	1111	
	Moderate	3-5%	1112	
	Strong	5-8%	1112	
	Steep	8-15%	2223	
	Very Steep	>15%	3333	
EROSION	None-Slight-Moderate	0-75%	1111	The original topsoil depth is listed on the placard, the current topsoil depth is determined by measuring the surface layer of soil.
	Severe	>75%	2222	
	Very Severe	Uncrossable gullies	3333	

SURFACE RUNOFF	Slow	0-3%	212	
	**Slow	All slopes	111	Coarse Surface and Subsoil
	Moderate	3-5%	121	
	Rapid	>5%	131	
SHRINK-SWELL	Low	Coarse and Moderately Coarse	111	Heaviest layer refers to whether the surface or subsoil is heavier. In other terms, the shrink-swell characteristics are based on the texture that has the higher clay content.
(Heaviest Layer)	Moderate	Medium and Moderately Fine	221	
	High	Fine	331	
WATER TABLE	Deep	>72"	Depends on actual depth of water table, not category. Those depths are listed to the right.	Foundations for Buildings 1: >30" 2: 18-30" 3: <18"
(Listed on Placard)	Mod. Deep	40-72"		Lawns & Landscaping 1: >24" 2: 12-24" 3: <12"
	Shallow	<40"		Septic Systems 1: >72" 2: 48-72" 3: <48"
				Sewage Lagoon 1: >60" 2: 40-60" 3: <40"
FLOODING	None		1111	
(Listed on Placard)	Occasional	<1 in 2 years	3121	Floods less than once in 2 years
	Frequent	>1 in 2 years	3333	Floods more than once in 2 years
FINAL EVALUATION	Mark the most severe limitation for each of the scorecard categories at the bottom.			

*Limitations are ranked based on the degree that the soil characteristic has as a limiting factor for building foundations, lawns and landscaping, septic systems, and sewage lagoons. The numbers stand for:

- 1 = Slight Limitation
- 2 = Moderate Limitation
- 3 = Severe Limitation
- 4 = Very Severe Limitation