

# Appendix C

## Soil Data Table

Soil Symbol	Bedrock Depth	Shrink-Swell Potential	Permeability, Inches per Hour	Septic Tank Absorption Fields	Risk of Corrosion Uncoated Steel	Risk of Corrosion Concrete	Potential Frost Action	Erosion Factor K	Erosion Factor T	Dwellings with Basements	Dwellings without Basements	Local Roads and Streets
<b>AGG</b>	10-20"	Low	0.6 - 2.0	Severe <sup>1,2</sup>	High	Low	Moderate	0.1	1	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>
<b>BCG</b>	10-20"	Low	0.6 - 2.0	Severe <sup>1,2</sup>	Moderate	Low	Low	0.05	1	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>
<b>BEG</b>	60-60"	Low	0.6 - 2.0	Severe <sup>2</sup>	High	Moderate	Moderate	0.1	5	Severe <sup>2</sup>	Severe <sup>2</sup>	Severe <sup>2</sup>
<b>DGG</b>	60-60"	Low	0.6 - 2.0	Severe <sup>2,3</sup>	High	Moderate	Moderate	0.2	4	Severe <sup>2</sup>	Severe <sup>2,5</sup>	Severe <sup>2,4,5</sup>
<b>EMG</b>	10-20"	Low	0.6 - 2.0	Severe <sup>1,2</sup>	High	Moderate	Moderate	0.1	1	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>
<b>FOG</b>	14-20"	Low	0.6 - 2.0	Severe <sup>1,2</sup>	Moderate	Moderate	Moderate	0.1	1	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>	Severe <sup>1,2</sup>
<b>HGG</b>	60-60"	Moderate	0.6 - 2.0	Severe <sup>2,3</sup>	High	Moderate	Moderate	0.17	5	Severe <sup>2,5</sup>	Severe <sup>2,5</sup>	Severe <sup>2,4,5</sup>
<b>HHF</b>	60-60"	Moderate	0.6 - 2.0	Severe <sup>2,3</sup>	High	Moderate	Moderate	0.17	5	Severe <sup>2,5</sup>	Severe <sup>2,5</sup>	Severe <sup>2,4,5</sup>
<b>LSG</b>	60-60"	Low	0.6 - 2.0	Severe <sup>2</sup>	High	Moderate	Moderate	0.15	5	Severe <sup>2</sup>	Severe <sup>2</sup>	Severe <sup>2</sup>
<b>PCG</b>	60-60"	Moderate	0.6 - 2.0	Severe <sup>2,3</sup>	High	Low	Moderate	0.1	2	Severe <sup>2</sup>	Severe <sup>2</sup>	Severe <sup>2</sup>

Reference: United States Department of Agriculture, Natural Resources Conservation Service, National Soil Survey Handbook - Parts 618

- Soil Properties and Qualities, 1996; Part 620 - Ratings Guides, 1993.  
Source: Mike Domeier, Soil Scientist  
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Symbol Names

AGG.....	Agassiz	FOG.....	Foxol
BCG.....	Brad	HHF.....	Harkers
BEG.....	Bradshaw	LSG.....	Lucky Star
DGG.....	Deer Creek	PCG.....	Picayune
EMG.....	Emigration	SMG.....	St. Mary's

**SOILS:**

Constraints to Development

- 1 Indicates depth to bedrock constraint.
- 2 Indicates slope constraint.
- 3 Indicates slow percolation constraint.
- 4 Indicated low strength constraint.
- 5 Indicates shrink-swell constraint.

Loamy Barrow Pits (Lo), Mixed Alluvial Land (Mu), and Rock Land (Ro), are listed on the soils map. These are bedrock types, and therefore soils information does not apply.

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