

SYNTHESIS MATRIX - PEBBLE CREEK

KEY: ++Strong Opportunity; +Opportunity;
-Restriction; --Strong Restriction

	<u>Protection</u>	<u>Residential Development</u>
<u>Slope Restrictions</u>		
0-8%		++
8-15%		+
15-25%	+	-
25+%	++	--
<u>Drainage</u>		
Floodplains	++	--
Internal Drainage		-
Direct Drainage		+
<u>Wet Soils</u>		
0-2' seasonal high water table	++	--
2-4' seasonal high water table		-
4+' seasonal high water table		+
<u>Vegetation Value</u>		
Deciduous Mixed Woodland	+	++
Coniferous Woodland	+	+
Open Field		

The map of Suitability for Development combines critical environmental factors in matrix form. They are: Depth to Seasonally High Water Table, Vegetation, and Slope. The factors when combined represent a gradient of residential suitability illustrated on the Map as a range of tones. The lightest tone areas (or most suitable for residential development) are composed of low slope 0-8, deciduous and mixed woodlands, and soils with a depth to seasonally high water table of over 6 feet. The least suitable location for residential development, as shown by dark tones on the synthesis map, would be slopes over 25%, non vegetated areas with a high seasonal water table.