



Soil Series *	Soil Series **	Percent Slope *	Depth to Bedrock (inches) *	Depth to Seasonal High Water Table (inches) *	Depth to Optimum Perc Rate (inches) *	Perc Rate at Optimum Depth (minutes/inch) ***
Cowee, 2-70%	Cowee	2-70	20-42	>72	See Footnotes WG1 and WG2	45
Evard, 2-35%	Evard	2-35	>60	>72	See Footnotes A and WG1; 36	45
French, 1-4%	French	1-4	>60	12-24	See Footnote F	-
Starr, 2-15%	Starr	2-15	>60	48-72	See Footnote D	-
Suches, 1-4%	Suches	1-4	>60	42-72	See Footnote WG3; 18	35
Thurmont, 6-25%	Thurmont	6-25	>60	48-72	See Footnote A; 24	50

Notes: * Based on field observation by soil scientist;
 ** Based on current USDA official series descriptions;
 *** Based on Health Department Table CT-1.

FOOTNOTES

- Footnote WG1: Consult the local Health Department for information regarding installing septic systems on soils with slopes greater than 25%.
- Footnote WG2: Auger refusal occurred within a depth of 42 inches in these areas of Cowee soils. It is expected that hard granitic bedrock is below a depth of 42 to 48 inches. Backhoe pits may be required in these areas to determine depth to bedrock. A tank-in-first approach is recommended in these areas of Cowee soils.
- Footnote A: These Evard soils should have the ability to function as suitable absorption fields with proper design, installation, and maintenance.
- Footnote F: These French soils are normally considered unsatisfactory for use for septic absorption fields due to wetness and/or flooding.
- Footnote D: These Starr soils receive overwash from upslope areas. Due to drainage and/or flooding conditions, these soil types should be avoided. Site alterations which control surface and subsurface water may make these areas suitable. A further soil study is recommended if alterations are made.
- Footnote WG3: These Suches soils are located within the 100 year flood plain, but are not considered to be frequently flooded. Evidence of a seasonal high water table was encountered between a depth of 42 to 72 inches. Site alterations which control surface water may make these areas suitable. Consult the local Health Department for information on site modifications which may be suited for use on these soils. Estimated perc rate is 35 minutes/inch at a depth of 18 inches.
- Footnote A: These Thurmont soils should have the ability to function as suitable absorption fields with proper design, installation, and maintenance.

The information contained in this report is based on the professional opinion and judgement of Walter G. George Soil Consultants, Inc. The soil scientist has no control over the permitting, design, installation, or maintenance of septic systems. Therefore, the soil scientist does not guarantee the performance of any septic system installed on this property.