



SUITABILITY CODE DEFINITIONS:

AK THESE SOILS HAVE ROCK AND/OR SAPROLITE WHICH COULD CAUSE PROBLEMS FOR SEPTIC SYSTEMS. HOWEVER, THE SOILS SHOULD BE OK FOR A CONVENTIONAL INSTALLATION OF DRAIN LINES IF THE SPECIFIC TRENCH DEPTHS ARE FOLLOWED, BASED ON THE DEPTH OF ROCK AND/OR SAPROLITE, A SHALLOW INSTALLATION OF DRAIN LINES SHOULD BE OK.

AP THIS SOIL SERIES HAS WATER TABLE AND/OR DRAINAGE PROBLEMS IN THE LOWER PORTION OF THE SOIL AND A CLAYEY (POSSIBLY RESTRICTIVE) LAYER IN THE UPPER PORTION OF THE SOIL WHICH COULD CAUSE PROBLEMS FOR CONVENTIONAL SEPTIC SYSTEMS. HOWEVER, THE DEPTH TO THE SEASONAL WATER TABLE IS SUCH THAT A SHALLOW INSTALLATION (WHICH MAINTAINS THE REQUIRED 24 INCHES OF SEPARATION BETWEEN THE TRENCH BOTTOM AND THE SEASONAL HIGH WATER TABLE) IS POSSIBLE.

AP2 A WATER TABLE IS PRESENT WITHIN 48" OF THE SOIL SURFACE. HOWEVER, THE DEPTH TO THE SEASONAL HIGH WATER TABLE IS DEEP ENOUGH TO ALLOW A SHALLOW INSTALLATION OF FIELD LINES WITH SOME FILL DIRT PLACED ON TOP TO ACHIEVE PROPER COVER. IF ADDING DIRT ON TOP OF DRAIN AREA IS NOT FEASIBLE OR DESIRED ANOTHER OPTION IS THE ADDITION OF A TREATMENT PRODUCT WHICH WILL REDUCE THE TRENCH TO WATER TABLE SEPARATION TO 12". THIS WILL REDUCE OR ELIMINATE THE NEED FOR FILL DIRT TO COVER DRAIN.

SOIL SERIES NAME	SLOPE RANGE	RESTRICTION TYPE & DEPTH	PERCOLATION RATE	WATER TABLE TYPE	WATER TABLE DEPTH	FLOODING	SUITABILITY CODE
BETHLEHEM	3 - 6	52" (R/Cr)	75 @ 8" to 28"	N/A	>52"	N/A	AK
CATAULA	6 - 12	54" (Btx)	75 @ 8" to 28"	PERCHED	52"	N/A	AP
DOGUE	3 - 6	NONE (>60")	75 @ 8" to 20"	APPARENT	44"	N/A	AP2

* The percolation rates are given at the most optimum depth. this does not mean that suitable rates at lower depths may not be achieved. Also, suitable percolation rates do not necessarily infer that a particular soil is suited for onsite sewage disposal, as other characteristics such as depth to water table, refusal layer, percent slope, gradient, and/or flooding may rule a particular soil as unsuited.

GENERAL NOTE: THESE EVALUATIONS ARE PROFESSIONAL OPINIONS BASED ON THE STATE DPH RULES, REQUIRED ONSITE TESTING, AND CURRENT PROFESSIONAL STANDARDS. FINAL APPROVAL AND RESPONSIBILITY FOR PERMITTING RESTS WITH THE LOCAL ENVIRONMENTAL HEALTH SECTION OF SAID COUNTY. ALSO, CUTTING AND/OR GRADING IN OR AROUND THE SOIL INVENTORY AREA MAY RENDER THE REPORT INACCURATE AND INVALID

LEVEL-3 SOIL SURVEY

EAST ANGELA DRIVE
B & B LAND PARTNERS, LLC.
TROUP COUNTY

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Lucas Soil Evaluation

Environmental & Soils Consulting
4657 Tuck Persons HWY Talbotton, GA 31827
Phone: (706)-570-0998 - Email: lucassoilevaluation@gmail.

