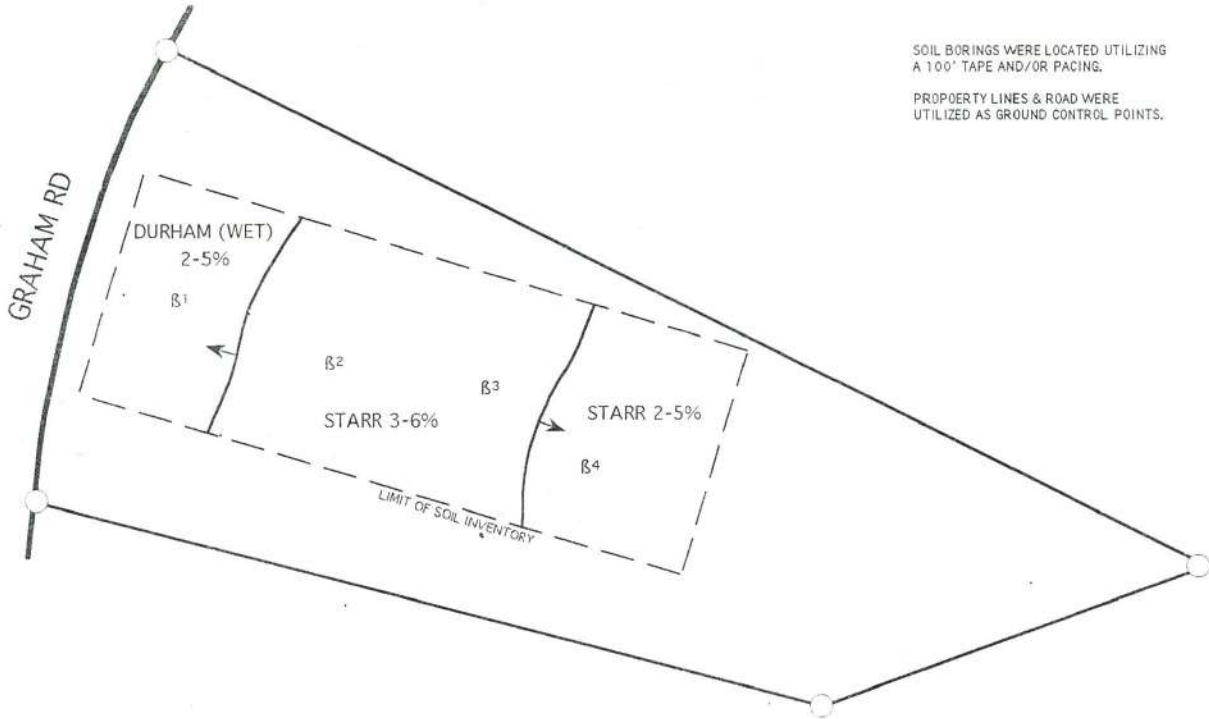


SOIL BORINGS WERE LOCATED UTILIZING A 100' TAPE AND/OR PACING.
 PROPERTY LINES & ROAD WERE UTILIZED AS GROUND CONTROL POINTS.



SUITABILITY CODE DEFINITIONS:

AP THIS SOIL 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) WILL RENDER IT TO BE SUITABLE FOR A CONVENTIONAL ABSORPTION FIELD WITH PROPER DESIGN, INSTALLATION AND MAINTENANCE.

APU THIS SOIL 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. THERE ALSO MAY BE SOME ISSUES WITH SURFACE DRAINAGE AND/OR PONDING. 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) WILL RENDER IT TO BE SUITABLE FOR A CONVENTIONAL ABSORPTION FIELD WITH PROPER DESIGN, INSTALLATION AND MAINTENANCE. MAKE SURE THAT DRAINAGE IS CONTROLLED TO DIVERT SURFACE AND SUB-SURFACE WATER AWAY FROM SEPTIC DRAIN AREA.

SCALE: 1" = 100'

SYMBOL LEGEND

- B1 = SOIL BORING LOCATIONS (LABELED)
- ~ = SOIL DELINEATION BOUNDARY

LEVEL-3 SOIL INTERPRETATIVE DATA FOR ONSITE SEWAGE DISPOSAL SYSTEMS

SOIL SERIES	% SLOPE	DEPTH TO REFUSAL LAYER*	PERC. RATE (@ OPTIMUM DEPTH)**	WATER TABLE DATA KIND	WATER TABLE DATA DEPTH	FLOODING	SUITABILITY CODE	SOIL HYDRAULIC LOADING RATE (gpd/ft ²)
DURHAM (WET)	2-5	NONE (>60")	45 @ 12" to 24"	APPARENT	48"	NONE	APU	0.10 @ 12" TRENCH
STARR	2-5	NONE (>60")	45 @ 12" to 20"	APPARENT	44"	NONE	APU	0.10 @ 12" TRENCH
STARR	3-6	NONE (>60")	45 @ 12" to 28"	APPARENT	52"	NONE	AP	0.10 @ 12" TRENCH

* Indicates the depth to refusal layer of either; a layer that is extremely clayey with high bulk density (BCx, BCg or Cg), a soil fragipan (Bx), a plinthic layer (Btv), a layer of decomposed and/or weathered material (Cr), or consolidated bedrock (R) that would be restrictive and qualify as a refusal layer. N/A denotes not applicable.

** 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 on-site sewage disposal, as other soil 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 DHR RULES, REQUIRED ON-SITE TESTING, AND ON CURRENT NRCS PROFESSIONAL STANDARDS. FINAL APPROVAL AND RESPONSIBILITY FOR PERMITTING RESTS WITH THE LOCAL ENVIRONMENTAL HEALTH SECTION OF SAID COUNTY.



LEVEL-3 SOIL SURVEY
 2.02 ACRES - PARCEL J51 00 140 - GRAHAM RD
 CHRIS KINNEY
 JONES COUNTY, GEORGIA

9/12/22

Lucas Soil Evaluation
 Environmental and Soils Consulting

4657 Tuck Persons HWY Talbotton, Georgia 31827
 Telephone: (706) 570-0998 • Email: mblucas@yahoo.com