

SOIL INVESTIGATION REPORT

Soil Map and Report Prepared By: Absolute Soil Consulting, LLC 379 Deertrigger Landing Athens, GA. 30605 Phone: 706-254-9250 Email: smay379@yahoo.com	Date: October 25, 2025
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CLIENT INFORMATION

Name: Steven Caffee	County: Columbia
Address: 612 Baldwin Place Grovetown, GA. 30813	Property Location: Directions from the Environmental Health Department in Columbia County; Depart William Few Pkwy toward High Meadows Dr; left on High Meadows Dr; left on Columbia Rd/GA-232; right on Appling Harlem Rd/US-221 N/GA-47; left on Ray Owns Rd; left on Cobbham Rd/GA-150; right on Llyod Paschal Rd; left on Moontown Rd; property located adjacent to 6978 Moontown Drive E; Appling, GA. 30802.
Contact Number: 706-910-7348	Description of property: Level 3 soil evaluation for new home construction; Legal Description: Tract B; Parcel ID: 015A037D; 2.5 acres; 6 soil auger hole/reference point locations marked with numbered pink flagging. Soil map overlaid onto county GIS map.

VICINITY MAP



SOIL PROPERTIES

SOIL SERIES	PERCENT SLOPE	DEPTH TO BEDROCK (INCHES)	DEPTH TO SEASONAL HIGH WATER TABLE (INCHES)	DEPTH TO OPTIMUM PERCOLATION RATE (INCHES)	PERCOLATION RATE (MIN/IN)	FOOTNOTE
Georgeville, 2 - 10%	2 - 10	>72	>72	24 - 36	60	A
Nanford, 2 - 10%	2 - 10	>48	>48	18 - 24	75	SM1
Starr, 6 - 15%	6 - 15	-	-	-	-	D

FOOTNOTES

FOOTNOTE A: These **Georgeville** soils should have the ability to function as a suitable septic absorption drain field with proper design, installation, and maintenance.

FOOTNOTE SM1: These **Nanford** soils have bedrock between the depths of 48 to 72 inches. These **Nanford** soils should have the ability to function as a suitable absorption drain field with proper design, installation, and maintenance.

FOOTNOTE D: These **Starr** soils receive over wash from upland areas. Due to surface and subsurface water flow, these soils should be avoided.

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

GENERAL NOTES AND COMMENTS

-Surface water runoff from roadways and adjacent lots should be diverted away from the drain field in order to prevent flooding of drain field trenches.

-Alterations such as grading and/or filling of septic absorption field will void soil report. Those soils should be reevaluated to determine suitability prior to drain field installation.

-Smearing of trench walls should be avoided and picked with a nail-studded board.

-Downspouts and draining grading should be diverted away from drain field areas to prevent saturation of septic drain field lines.

-Walking on trench bottom should be avoided. This could compact the soil and decrease the performance of the septic drain field.

-Soils that are terraced due to old farming practices may need to be graded in order to install a septic drain field.

-Auger holes located with Trimble GEO 7X.

This soil report is an accurate Level 3 soil evaluation in accordance with GA-DPH standards.



SOIL MAP LEGEND

- Direction of Slope
- Soil Auger Hole
- Reference Point Location
- Soil Boundary
- Ephemeral Drain
- Limits Of Soil Evaluation



SHAWN MICHAEL MAY
DHR CERTIFIED SOIL CLASSIFIER

STATE OF GEORGIA

CERTIFICATION NUMBER 203

Stamp of Soil Scientist
OCTOBER 31, 2025

VALID IN RED INK ONLY

