

SOIL PROFILES INC.

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J. SHANNON HUDGINS
GA DHR SOIL CLASSIFIER #147

LEVEL: 3 (1=RECON, 2=PRELIMINARY, 3=HIGH INTENSITY, 4=SPECIAL STUDY)

soilprofiles@gmail.com

DATE MAPPED : NOVEMBER 2, 2023

COUNTY: NEWTON

PH 770-842-9895

SCALE: 1"=60'

PROJECT: HWY 212 2 LOTS

CLIENT: MATTHEW SULLINS

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SOILS INTERPRETATION TABLE

SOIL SERIES AND CODE	SLOPE (%)	BEDROCK Depth to (inches)	TABLE High Water Installation/Trench Depth (inches)	Estimated PERC. RATE @ Recommended Installation/Trench Depth (minutes/ft ²)	Recommended INSTALLATION/TRENCH DEPTH (inches)	COMMENTS
ASHLAR	1-2-10%	20	>20	NSI-BITS	NSI-BITS	SHALLOW HARD ROCK
CECIL	A 2-10%	>72	>72	75	18-30	
FILL	F			NR	NR	>24" FILL MATERIAL
GULLY	F 2-10%	>72	>72	NR	NR	>24" DEEP GULLY
MADISON	A 2-10%	>72	>72	55	24-48	
PACOLET	A 2-10%	>72	>72	50	24-48	

SOIL SUITABILITY CODES

A=THIS SOIL SERIES SHOULD HAVE ABILITY TO FUNCTION AS A SUITABLE ABSORPTION FIELD WITH PROPER DESIGN, INSTALLATION AND MAINTENANCE.

F=NORMALLY CONSIDERED UNSATISFACTORY FOR USE FOR ABSORPTION FIELDS.

I=THIS SOIL SERIES HAS SHALLOW HARD ROCK AT DEPTHS THAT WILL ONLY ALLOW FOR THE INSTALLATION OF AN ALTERNATIVE SEPTIC SYSTEM.

NOTES

AREAS WHICH FLOOD, HAVE FLOODING POTENTIAL, OR WHICH SERVE AS DRAINAGEWAYS SHOULD NOT BE USED.

SURFACE AND SUBSURFACE DRAINAGE SHOULD BE DIVERTED AWAY FROM ABSORPTION FIELD LINES INSTALLED IN NEARLY LEVEL AREAS (0-5% SLOPE), AND FROM THOSE INSTALLED ON CONCAVE SLOPES.

AREAS WITH SLOPE GREATER THAN 25% MAY BE USABLE FOR SEPTIC SYSTEMS IF SLOPE LIMITATIONS ARE OVERCOME BY SYSTEM DESIGN, OR BY SITE MODIFICATION (e.g. BENCHING).

SAMPLE POINTS, SURFACE FEATURES, AND SURVEY CONTROL WERE LOCATED BY GPS (TRIMBLE MODEL PRO XRS).

- perennial drainage

intermittent drainage

gully

spring

well

slope filling

short steep slope

rock outcrop

sample point (auger)

sample point (backhoe)

TIF

NSI

NR

L4
- _____

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NORTH 1"=60'

