



October 5, 2022

Christian Caden
2591 Smith Avenue SW
Marietta, Georgia 30064
christian.caden@gmail.com

Subject: Level 3 Soil Report
Parcel ID: L03030
4567 Everett Springs Road
Armuchee, Floyd County, Georgia 30105

Dear Mr. Caden,

Mill Creek Environmental, LLC is pleased to be of assistance on this project. This soil report was prepared in accordance with the Georgia Department of Public Health Manual for On-Site Sewage Management Systems.

A soil survey was conducted at the subject property on September 29, 2022. The soils were classified as belonging to the Nella and Holston (Variant) Soil Series. The Nella Soil Series should have the ability to function as a suitable absorption field with proper design, installation, and maintenance. Bedrock and/or rocky conditions were encountered in the Holston (Variant) Soil Series. Due to soil limitations the Holston (Variant) Soil Series is not suitable for installation of a conventional septic system. Test pits may be used to further evaluate these soils for conventional system installation

Soil boring locations and soil series are shown on the attached site plan. Suitability codes and estimated absorption rates are shown on the attached Level 3 Soil Report. If you have any questions, or if we can be of further assistance, please call us at (706) 579-1607.

Sincerely,
Mill Creek Environmental, LLC

Travis Fincannon
Staff Biologist

Roger White, PG
Senior Project Manager

LEVEL 3 SOIL REPORT

COUNTY: Floyd DATE: September 29, 2022
CONTACT: Mr. Christian Caden
SITE LOCATION ADDRESS: 4567 Everett Springs Road, Armuchee, Georgia 30105
PHONE NUMBER: 361-446-0763
SCALE: 1"= 60'

SOIL PROPERTIES

SOIL SERIES ⁽²⁾ <i>(SEE SUITABILITY CODES)</i>	SLOPE ⁽¹⁾ <i>(RANGES OF SOIL TYPE)</i>	BEDROCK/ REFUSAL LAYER ⁽¹⁾ <i>(INCHES BGS)</i>	DEPTH TO ⁽¹⁾ SEASONAL HIGH H ₂ O TABLE <i>(INCHES BGS)</i>	ABSORPTION RATE ⁽³⁾⁽⁴⁾ AT RECOMMENDED TRENCH DEPTH <i>(MIN/INCH)</i>	RECOMMENDED ⁽¹⁾⁽³⁾ TRENCH DEPTH <i>(INCHES BGS)</i>	SUITABILITY ⁽⁴⁾ CODE
	<i>(Verified)</i>	<i>(Verified)</i>	<i>(Verified)</i>	<i>(Predicted)</i>	<i>(Verified)</i>	
Nella Soil Series	10-15%	62->72	>62	45	28-38	A
Holston (Variant) Soil Series	10-15%	29-30	>29	See Code	See Code	H

- 1 Based on field observations.
- 2 Based on USDA NRCS descriptions.
- 3 Based on Georgia DPH Manual for On-Site Sewage Systems, Table 2.C.
- 4 Based on Soil Classifier interpretation of site conditions and soil classification.

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SUITABILITY CODE DESCRIPTIONS & GENERAL NOTES:

SUITABILITY CODE A: THESE SOILS ARE SUITABLE FOR INSTALLATION OF ON-SITE SYSTEMS WITH PROPER SYSTEM DESIGN, INSTALLATION, AND MAINTENANCE. POSITION OF THE SITE OR OTHER SOIL AND LANDSCAPE CONSIDERATIONS MAY REQUIRE THE DRAIN FIELD AREA TO BE GREATER THAN THE MINIMUM AND/OR THE DRAIN FIELD DESIGN TO REQUIRE EQUAL DISTRIBUTION OR LEVEL FIELD INSTALLATION.

SUITABILITY CODE H: THESE SOILS HAVE BEDROCK LIMITATIONS AND ARE NOT SUITABLE FOR INSTALLATION OF A CONVENTIONAL SYSTEM WITHOUT SPECIAL DESIGN OR INSTALLATION. PROPERTIES OF THE SOIL AND SITE MAY REQUIRE THE DRAIN FIELD AREA TO BE GREATER THAN THE MINIMUM AND/OR THE DRAIN FIELD DESIGN TO REQUIRE EQUAL DISTRIBUTION OR LEVEL FIELD INSTALLATION. NON-CONVENTIONAL SYSTEM DESIGN AND INSTALLATION MUST BE APPROVED BY THE LOCAL ENVIRONMENTAL HEALTH SPECIALIST. TEST PITS MAY BE USED TO FURTHER EVALUATE THESE SOILS FOR CONVENTIONAL SYSTEM INSTALLATION

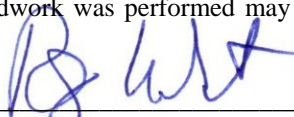
Miscellaneous Notes:

All borings are staked in the field and labeled.

This soil report is in accordance with the standards and regulations set forth in the Georgia Department of Public Health Manual for On-Site Sewage Management Systems, June 2019. Mill Creek Environmental, LLC does not issue permits for, install, maintain or guarantee the performance of any on-site sewage management system. The County Health Department has the authority to permit on-site sewage management systems on this property and may have a different view of the soil conditions. The County Health Department has final jurisdiction over permitting and regulating on-site sewage management systems.

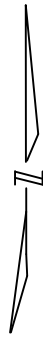
Any alteration to this report without my expressed, written consent and approval will render this report null and void. Any alteration to the site after the date on which the fieldwork was performed may change the nature and suitability of the site.

This report was completed by Certified Soil Classifier: _____

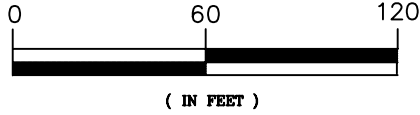

Roger White, PG
Georgia Professional Geologist # 933



Roger White, PG
 DPH Certified Soil Classifier
 Georgia Professional Geologist No. 933



GRAPHIC SCALE

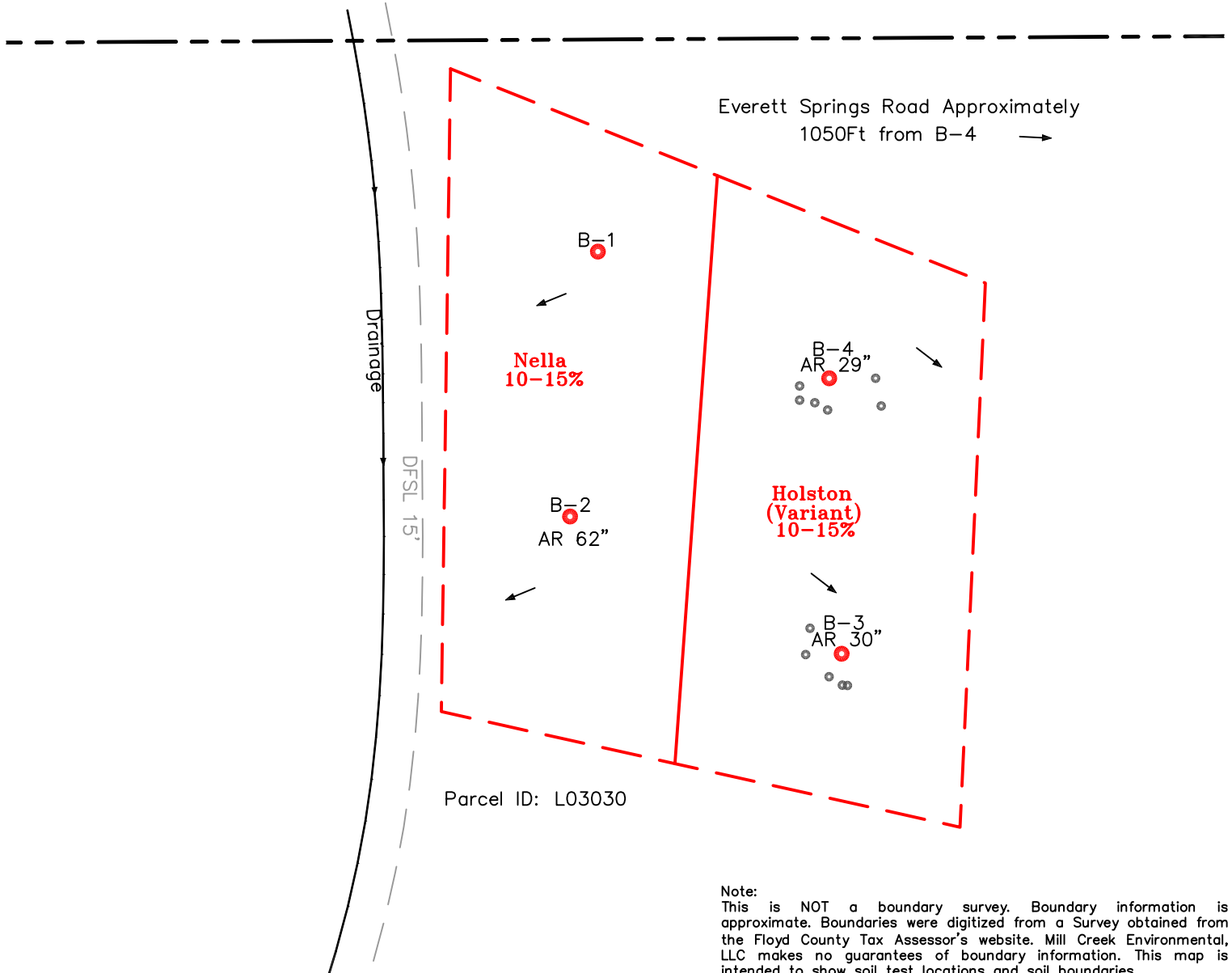


LEGEND

- DIRECTION OF SLOPE
- SOIL BOUNDARY
- - - LIMIT OF SOIL SURVEY
- - - PROPERTY BOUNDARY
- B-1 ● SOIL BORING
- AR AUGER REFUSAL
- AUGER ATTEMPT
- DFSL DRAIN FIELD SETBACK LIMIT

Parcel ID: L03029A

PROPERTY SIZE: 32.1 ACRES
 TOTAL SURVEY AREA: 1 ACRE



Note:
 This is NOT a boundary survey. Boundary information is approximate. Boundaries were digitized from a Survey obtained from the Floyd County Tax Assessor's website. Mill Creek Environmental, LLC makes no guarantees of boundary information. This map is intended to show soil test locations and soil boundaries.



LEVEL 3 SOIL SURVEY
 Mr. Christian Caden
 Parcel ID: L03030
 4567 Everett Springs Road
 Armuchee, Floyd County, GA 30105
 SA-22526-1 9/29/2022

MILL CREEK ENVIRONMENTAL, LLC
 4055 Highway 53 East
 Dawsonville, Georgia 30534
 706-579-1607