



December 29, 2021

Ms. Nyaisha Cummings
kinexunited@gmail.com

Subject: Level 3 Soil Report
Parcel ID: M13269
Fred Kelly Road Northeast
Rome, Floyd County, Georgia 30161

Dear Ms. Cummings,

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 December 20, 2021. The soils were classified as belonging to the Fullerton and Shack Soil Series. The Fullerton Soil Series should have the ability to function as a suitable absorption field with proper design, installation, and maintenance. A seasonal high water table was observed in the Shack Soil Series. A shallow installation of low-profile chambers with an aerobic treatment unit (ATU) may be an option for the Shack Soil Series.

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

Aaron Payne
Aaron Payne
Staff Geologist

Ryan Phillipie
Ryan Phillipie, PG
Project Geologist

LEVEL 3 SOIL REPORT

COUNTY: Floyd DATE: December 20, 2021
CONTACT: Ms. Nyaisha Cummings
SITE LOCATION ADDRESS: Parcel ID: M13269, Fred Kelly Road Northeast, Rome, Georgia 30161
PHONE NUMBER: 973-706-4384
SCALE: 1"= 60'

SOIL PROPERTIES

SOIL SERIES ⁽²⁾ (SEE SUITABILITY CODES)	SLOPE ⁽¹⁾ (RANGES OF SOIL TYPE)	RESTRICTIVE/ REFUSAL LAYER ⁽¹⁾ (INCHES BGS)	DEPTH TO ⁽¹⁾ SEASONAL HIGH H₂O TABLE (INCHES BGS)	ABSORPTION RATE ⁽³⁾⁽⁴⁾ AT RECOMMENDED TRENCH DEPTH (MIN/INCH)	RECOMMENDED ⁽¹⁾ ⁽³⁾ TRENCH DEPTH (INCHES BGS)	SUITABILITY ⁽⁴⁾ CODE
	(Verified)	(Verified)	(Verified)	(Predicted)	(Verified)	
Fullerton Soil Series	6-10%	48	>48	55	22-24	A
Shack Soil Series	2-6%	58	38	55	18-26 (With Class I Effluent)	S
Shack Soil Series	6-10%	52	30	55	18 (With Class I Effluent)	S
Shack Soil Series	10-15%	>60	32	55	20 (With Class I Effluent)	S

- 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.
- 5 BGS = Below Ground Surface

COUNTY: Floyd **DATE:** December 20, 2021

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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 S: THESE SOILS HAVE SEASONAL HIGH WATER TABLES AND ARE COMMONLY POORLY SUITED FOR CONVENTIONAL ON-SITE SYSTEM INSTALLATION. VERY SHALLOW, ABOVE GROUND, AND OTHER SYSTEM DESIGNS MAY ALLOW THE SITE TO BE USED. A SHALLOW INSTALLATION WITH A LOW-PROFILE CHAMBER SYSTEM AND AN AEROBIC TREATMENT UNIT (ATU) MAY BE AN OPTION FOR THESE SOILS. DESIGN AND INSTALLATION OF AN ALTERNATIVE SYSTEM ON THESE SOILS MUST BE APPROVED BY THE LOCAL ENVIRONMENTAL HEALTH SPECIALIST.

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:

Ryan Phillipie

Ryan Phillipie, PG
Georgia Professional Geologist # 2367

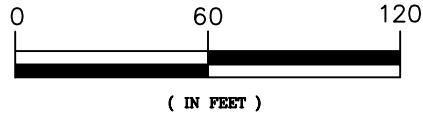


Ryan Phillippie, PG
DPH Certified Soil Classifier
Georgia Professional Geologist No. 2367



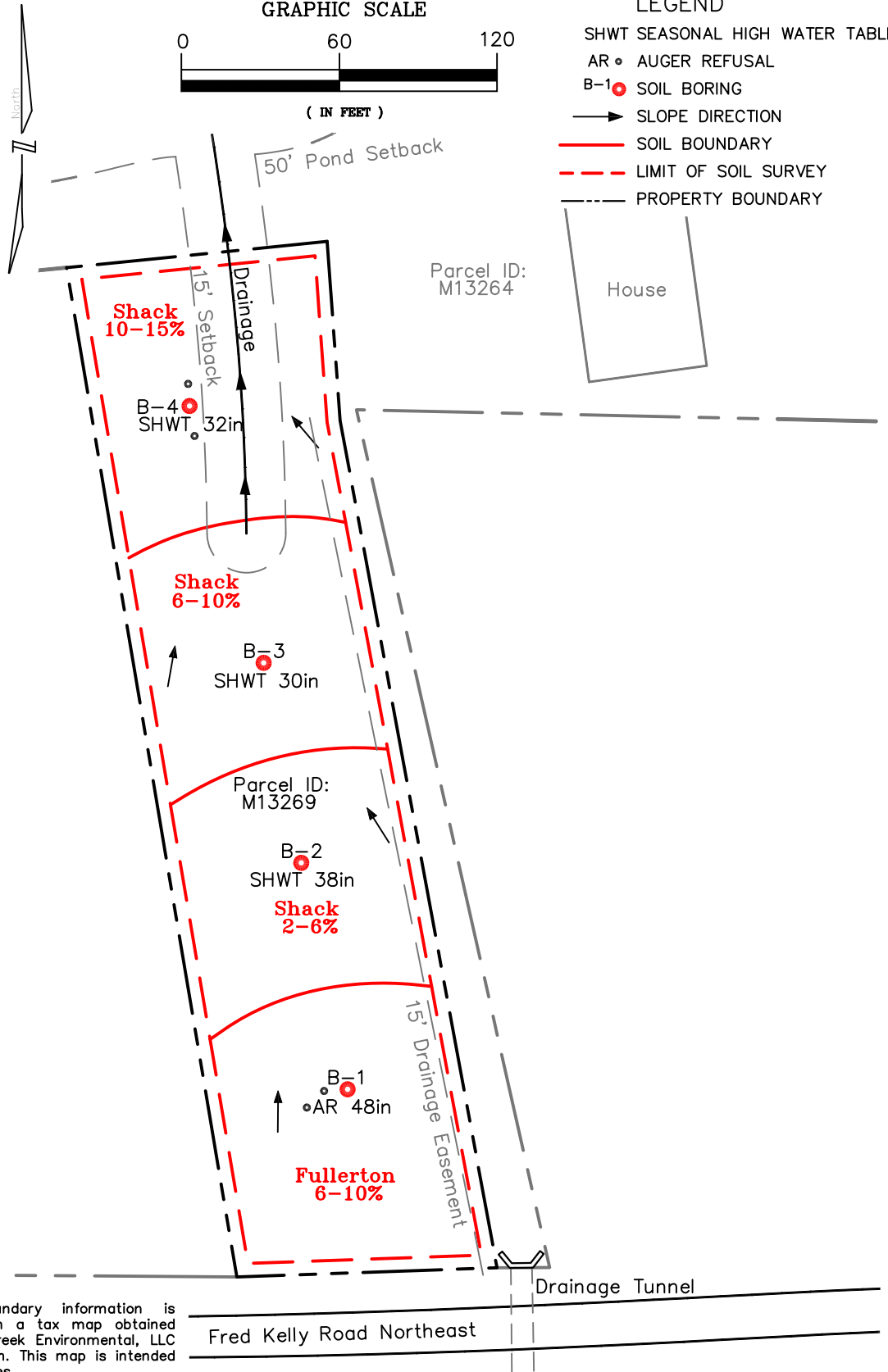
PROPERTY SIZE: 0.91 AC
TOTAL SURVEY AREA: 0.91 AC

GRAPHIC SCALE



LEGEND

- SHWT SEASONAL HIGH WATER TABLE
- AR • AUGER REFUSAL
- B-1 • SOIL BORING
- SLOPE DIRECTION
- SOIL BOUNDARY
- - - LIMIT OF SOIL SURVEY
- PROPERTY BOUNDARY



Note:

This is NOT a boundary survey. Boundary information is approximate. Boundaries were digitized from a tax map obtained from the Floyd County tax assessor. 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

Ms. Nyaisha Cummings
Parcel ID: M13269
Fred Kelly Road Northeast
Rome, Floyd County, Georgia
SA-21574-1 12/20/2021

**MILL CREEK
ENVIRONMENTAL, LLC**
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Dawsonville, Georgia 30534
706-579-1607