

**Appalachian Soil, Inc.**  
**19 Sunlight Rd.**  
**Ellijay, GA 30540**  
**706-636-3813**

Client: David Simister  
Site Location: Lot 7140, Big Canoe  
Date Evaluated: 1/22/07, 2/28/07

Phone #: 404-663-2992  
Level of Study: 3  
County: Pickens

**Test Hole Numbers**

	1	2	3	4	5
<b>SERIES NAME</b>	Porters	Porters	Saluda	Saluda	
<b>SLOPE</b>	15%	15%	35%	22%	
<b>BEDROCK REFUSAL</b>	55"	60"	5"	5"	
<b>SEASONAL HIGH H<sub>2</sub>O TABLE</b>	>72"	>72"	>72"	>72"	
<b>SUITABILITY CODE</b>	B	B	H	H	
<b>ESTIMATED PERC RATE</b>	45	45	50	50	
<b>OPTIMUM PERC DEPTH</b>	24-30"	24-30"	See Codes	See Codes	
<b>HYDAULIC LOADING RATE</b>	N/A	N/A	N/A	N/A	

**Additional Comments:**

- Test pits for holes 1 and 2 were used to better evaluate bedrock.
- House site not marked at time of soil survey.

**Soil Classifier: Josh Fox, GA SC# 213**

**Office Phone: 706-636-3813**

## Report Footnotes

- Soil borings for drawings are located in the field primarily with a sub-meter GPS unit.
- Soil boundary lines are drawn by combining soils with similar properties and interpretations into a map unit. Map units are named for dominant soil series found in the unit and the percent slope. The boundary lines approximate the center of the transition zone between different soil map units and are not an exact separation of the soil series.
- Alteration through cutting and filling of suitable soils voids this report. Due to variances in natural soil conditions and the effects on controlled construction practices a positive report does not guarantee the future performance of septic systems.
- Please note that all findings reported are based on professional opinion and do not imply approval or disapproval for permitting. Decisions and permitting are the responsibility of the local Environmental Health Department.

## Suitability Codes

A = Soil series should have ability to function as suitable absorption field with proper design, installation, and maintenance.

B = Some rock and/or stony conditions were found. This soil should function as a suitable absorption field providing that the system is put in first to make sure there will be no rock limitations.

C = Due to water table, flooding and drainage problems, there is a High Probability of Failure for a conventional system. (Your Health Department can discuss this with you if an alternative system might be an option for your situation.

D = Due to the drainage or flooding conditions, these soil types should be avoided. Site alterations (curtain drains) which control surface and subsurface water may make these as suitable. A further soil study is recommended if alterations are made.

F = Normally considered unsatisfactory for use for conventional absorption fields.

H = Due to bedrock limitations, these soils are not suitable for conventional absorption fields.

I = Depth to bedrock is generally not sufficient to accommodate a septic system. However Soils with bedrock depths 36 inches or greater or inclusions of other soils with sufficient depth may be suitable.

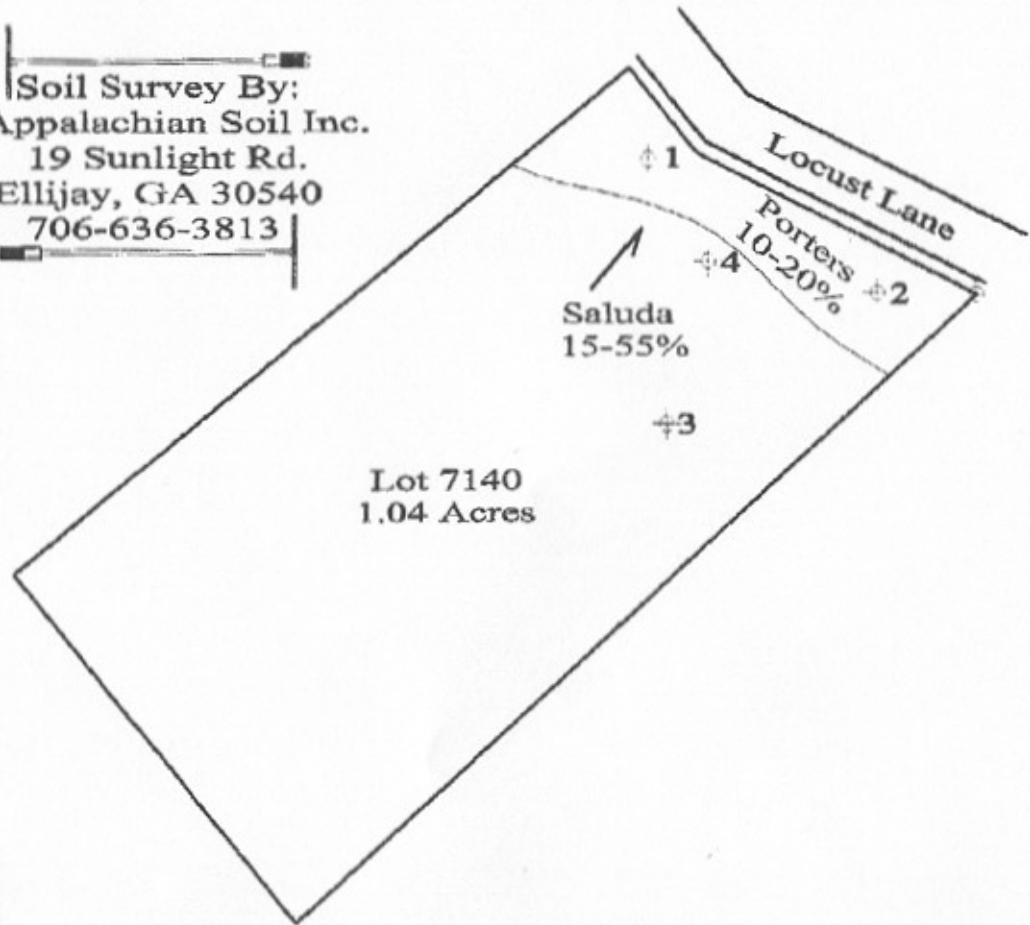
J = Due to very slow percolation rates, these soils are normally considered poorly suited for use as absorption fields

O = Due to the variations in depth and thickness of restrictive layers, recommended installation depths should be determined on-site by a Qualified Soil Classifier. An above site drainage system is recommended to intercept perching water associated with restrictive layers.

Q = Due to cutting or filling of soil materials, suitability should be determined by a Soil Classifier.

# Level 3 Soil Survey for David Simister

Soil Survey By:  
Appalachian Soil Inc.  
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- Shows slope direction
- Points mapped with a sub-meter GPS unit.



1"=60'