

LEVEL ? SOIL SURVEY REPORT

Report Date: January __, 2007

Report Number: 6060A07

Client: Client
Client Address

Phone:
Fax:
Email:

Site Location: Site Address

SOIL PROPERTIES

Soil Series	Slope Gradient (%)	Depth To Bedrock (1) (Inches)	Depth to Seasonal High Water Table (Inches)	Estimated Absorption & Loading Rate (2) at Recommended Trench Depth (Minutes per Inch) & (GPD/SqFt)	Recommended Absorption Depth / Trench Depth (Inches)	Soil Suitability Code (Listed Below)
	Estimated	Verified	Verified	Estimated	Estimated	Listed Below
Cecil	5-15	>72	>72	45 (0.50 GPD/SqFt)	See Codes	A

- (1) - Depth to bedrock based on auger refusal where test pits have not been conducted.
- (2) - Loading rate based on 150 GPD per bedroom and 3-ft wide trench for full-length conventional absorption field.
- (3) - Recommended trench depth is depth below any fill which may be present at the site.

Suitability Code Descriptions:

A - Soil types typically have ability to function as suitable absorption field with proper design, installation and maintenance.
B - Some rock and stony conditions were found. Further soil study (including test pits) is recommended to determine suitability.
C - Due to a high seasonal water table, flooding, and/or drainage problems, there is a HIGH PROBABILITY OF FAILURE for conventional systems. (Your Health Department can discuss with you if an alternative system may be an option.) Site alterations which control surface and subsurface water may render areas suitable. A further soil study (including absorption-rate testing) is recommended to
F - Soils normally considered unsuitable for conventional absorption field, and have high probability of failure.
Q - Due to cutting and filling of soil material, additional study (including test pits and hydraulic conductivity tests) is needed to determine suitability.
Rec = Recommendations: 1) A full length absorption system with equal distribution is recommended, although not required, due to varied site conditions, to avoid exceeding specified loading rates, and to extend absorption field life. 2) Where landscape positions are poor, especially at DRAINAGE DITCHES/SWALES AND TERRACES, the area should be avoided and/or site alterations (such as grading, diversion berms, and/or curtain drains) are recommended to render areas more suitable. 3) Up to 18 inches of suitable fill soil may be added to provide sufficient cover for absorption field, if needed. 4) To protect the absorption field and avoid smearing the trench surfaces and/or damaging the soil structure the following are required: a) the proposed absorption field area must be protected at all times, especially during construction activities; b) only track type equipment is allowed on the absorption field areas to avoid rutting; c) no grading or stockpiling of materials is to be conducted in the absorption field area; and d) the absorption field should be installed during dry weather conditions.

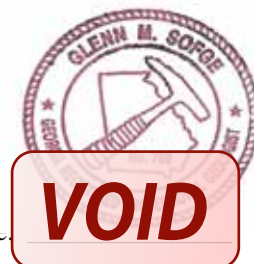
General Notes:

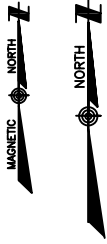
- 1) See Attached Figure 1 for boring locations, and scaled site map.
- 2) Field services conducted in January 2007.
- 3) Borings located from selected corner pin and site features (see Figure 1) using a Trimble ProXR GPS.
- 4) This soil survey was conducted in general accordance with the Georgia Manual For On-Site Sewage Management Systems, requirements for a Level ? Soil Survey, and Proposal 6060A07 with Terms/Conditions.
- 5) This soil survey does not guarantee the performance of any septic system or absorption field installed on the property.
- 6) Soil boundaries based on limited soil borings, and interpolation between these borings, that meet the minimum density standards for a Level 3 Soil Study. Conditions (such as trash pits and filled areas) may exist on the property that could not be identified within the scope of the assessment or that were not reasonably identifiable from the available information.

Prepared/Certified by: _____



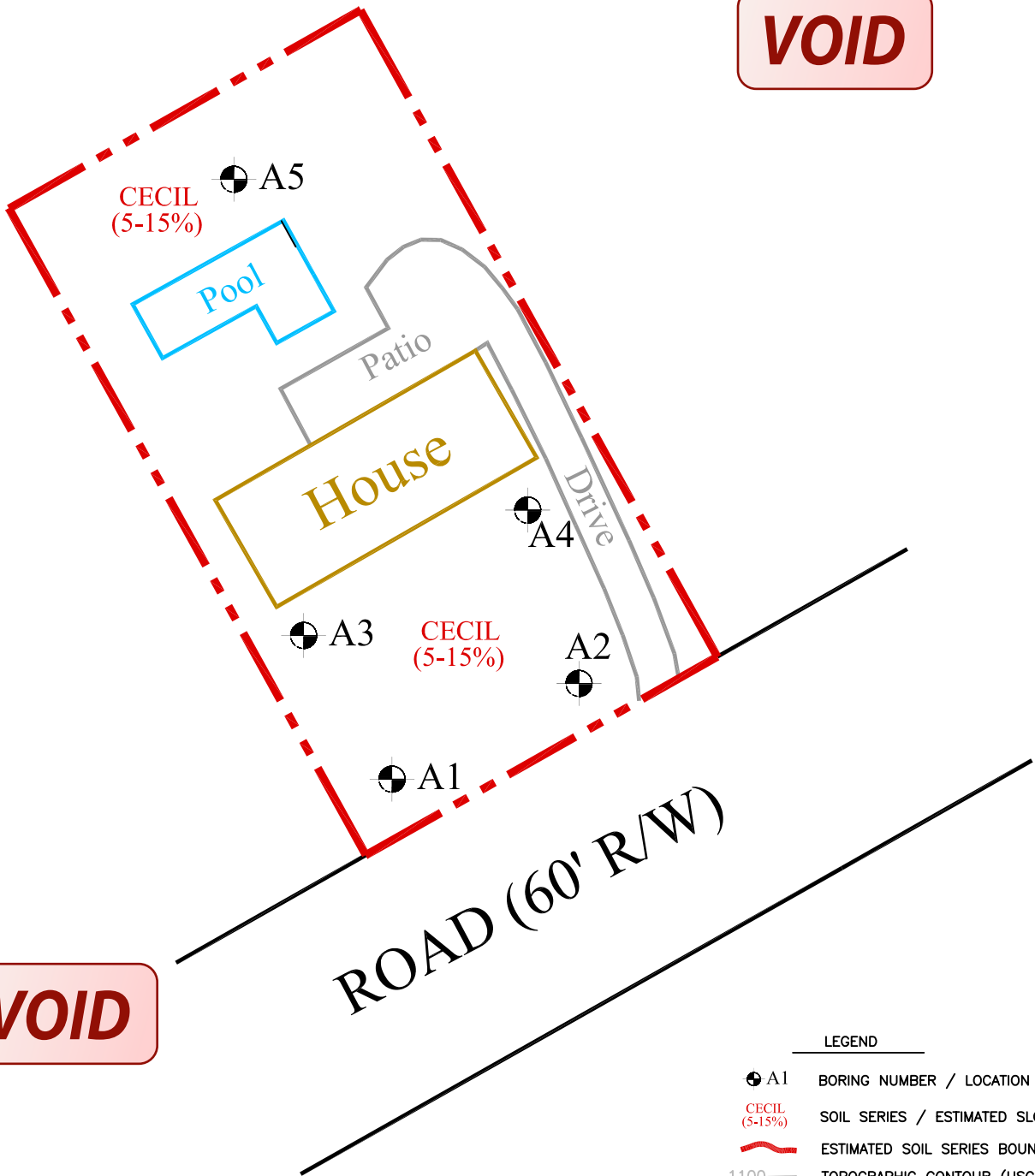
Date: _____





VOID

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LEGEND

- A1 BORING NUMBER / LOCATION
- CECIL (5-15%) SOIL SERIES / ESTIMATED SLOPE
- ESTIMATED SOIL SERIES BOUNDARY
- 1100 TOPOGRAPHIC CONTOUR (USGS QUAD)
- PROPERTY BOUNDARY
- HYDRAULIC CONDUCTIVITY (K) TEST RESULT AT DEPTH (INCHES) = RATE (MIN/INCH)
- K1@28"=25 ESTIMATED TOPOGRAPHIC SLOPE (FALLING)
- AR 50 AUGER REFUSAL / ROCK DEPTH (INCHES)
- RD 48 SEASONAL HIGH WATER TABLE (INCHES) BASED ON CHROMA 2 REDOX DEPLETIONS

NOTES:

- 1) Soil series contours are approximate and based on data interpolation.
- 2) Base drawing from attached survey by, Inc. (2/17/2007). Topographic contours from.....
- 3) This soil survey does not guarantee the performance of the septic system or absorption field installed on the property.

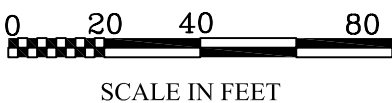


FIGURE 1-LEVEL ? SOIL SURVEY FOR:

Client
Address
City, County, Georgia

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