

County:	Effingham		Date:	7/25/2023				
Owner:	Ryan Thompson		SWC Project Number:	S23-142				
Mailing Address:			Phone Number:	912-656-2932				
Legal:	41.69 AC 2019 CUVA		Email:	ryanlthompson2@gmail.com				
Site Location:	3556 Old Louisville Road, Guyton GA 31312		Parcel Number:	2360004				
Scale:	1 inch = 100 feet		Intensity Level of Investigation:	Level 3				
Soil Series	Slope % (range)	Depth to Seasonal High Water Table (inches)	Absorption Rate at Recommended Trench Depth (min/in)	Recommended Trench Depth (inches)	Suitability Code and installation information	Recommended Height of Mound (inches)		Depth of Topsoil (inches)
						with 12-in system height	with 9-in system height	
Ocilla A	0-2	24	25	0	C	24	21	10-12
Ocilla B	0-2	18	25	(+) 6	C	30	27	10-12
Pelham A	0-3	14	25	(+) 10	C	34	31	10-12
Pelham B	0-3	<12	n/a	n/a	F	n/a	n/a	n/a
All recommendations are based off existing soil surface.			Area utilized for absorption fields should be shaped for rapid runoff.					

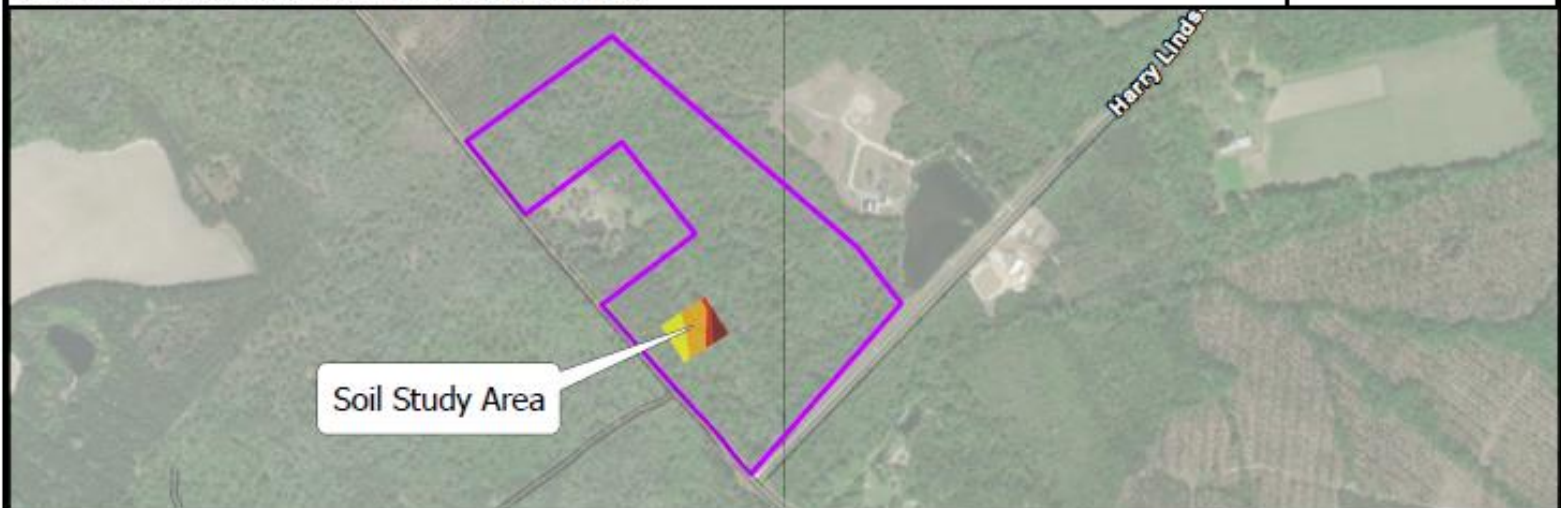
Soil Suitability Codes

C	Because of shallow water tables these soils are not suitable for installation of a conventional on-site system without site modifications, special designs or installation.
F	Because of soil limitations, these soils are unsuitable for installation of an on-site system.

Site Specific Notes

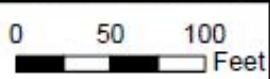
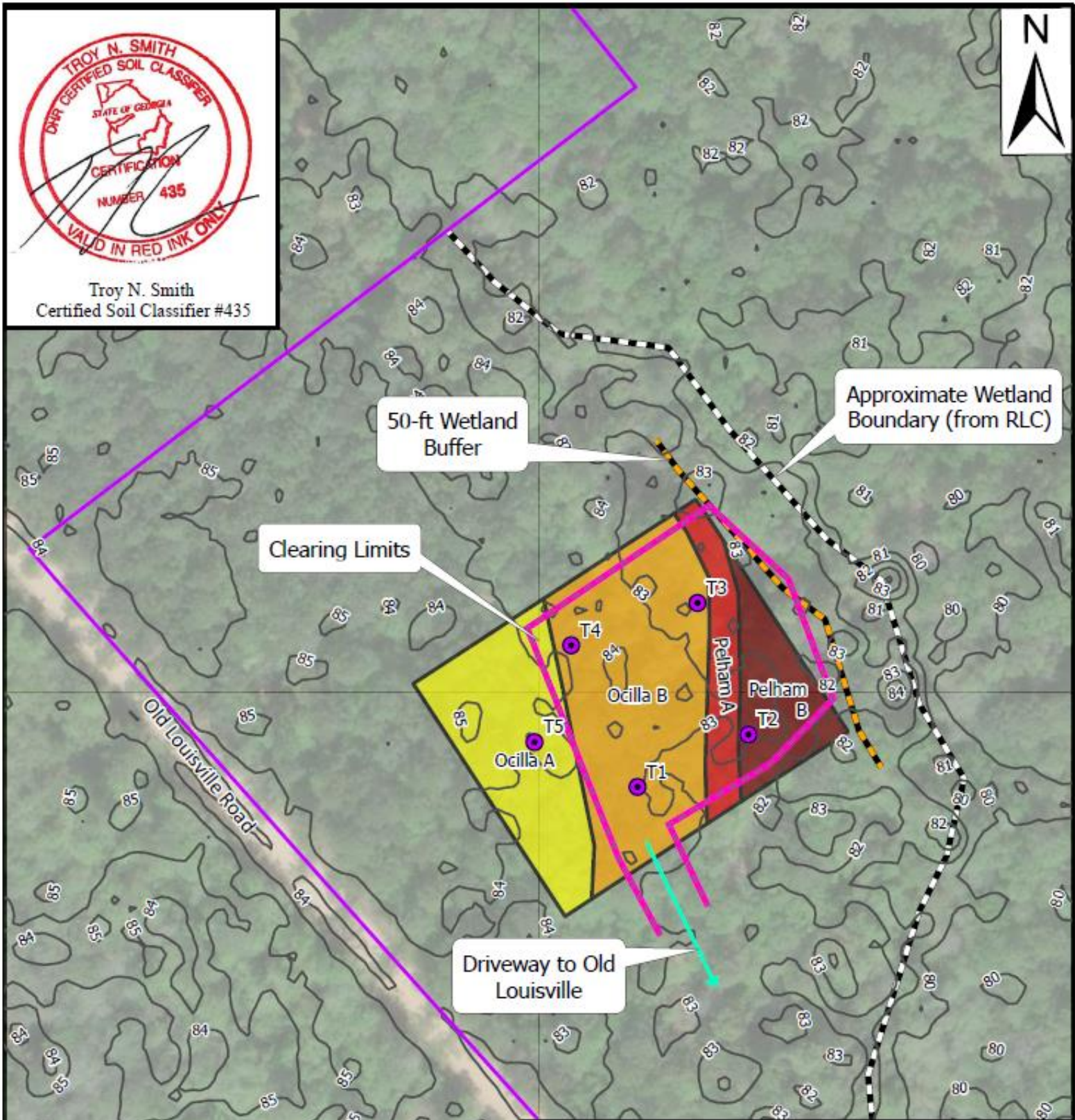
- Different products could affect the recommended trench depth and/or mound height.
- Onsite soils have ±10-12 inches of topsoil. If the proposed system is within or above this layer, it should be mucked out and stored onsite. After the mound has been constructed to the recommended height, the topsoil should be put over the top of the mound.
- The Project Area Displayed on this drawing is derived from public data and is not a boundary survey. Areas and acreages shown are an estimation and should be adjusted if a boundary survey is completed.
- The wetlands shown on this drawing are from a Resource + Land Consulting's "Preliminary Wetland Assessment" dated 3/2/2023 (23-060). Soil and Wetland Consulting takes no ownership of this data.
- The absorption field should not be installed during wet periods. This could result in reduced system performance due to damaged soil structure.
- Keep heavy equipment from parking and driving on the septic area which could cause compaction of the soils.
- No bedrock was encountered within 60 inches of the existing soil surface.

The information in this soils report is based on pedons classified in the field by hand auger borings. Soil borings were located using a sub-meter GPS using real-time SBASS correction. SWC produces soils surveys that meet or exceed all standards in the Manual for On-Site Sewage Management System, published by the GA-DPH. Soil boundary lines should be considered as a transition zone where one soil type transitions into another soil type, not an exact boundary. System should not be placed within 10-feet of unsuitable boundary line. Recommendations are site specific and if not followed will void this report. Recommendations are based on installation from the original soil surface unless otherwise stated. Any changes or alterations made to this soil map or interpretations without written consent of SWC voids the seal of the Soil Scientist. If the site is disturbed from cutting or filling after the date of site visit, the Soil Scientist's seal and his recommendations are null and void. Your local Health Department holds full authority in the permitting of on-site disposal systems and may view the soil conditions differently than the Soil Classifier and will have the final say in their county. SWC does not design, install, maintain or permit on-site disposal systems.





Troy N. Smith
Certified Soil Classifier #435



SWC
Soil & Wetland Consulting
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- Project Area
- Soil Boring
- Driveway
- Clearing Limits as of 7/6/2023
- Lidar Elevation Data
- Approximate Wetland Boundary
- 50-ft Wetland Buffer
- Ocilla A
- Ocilla B
- Pelham A
- Pelham B