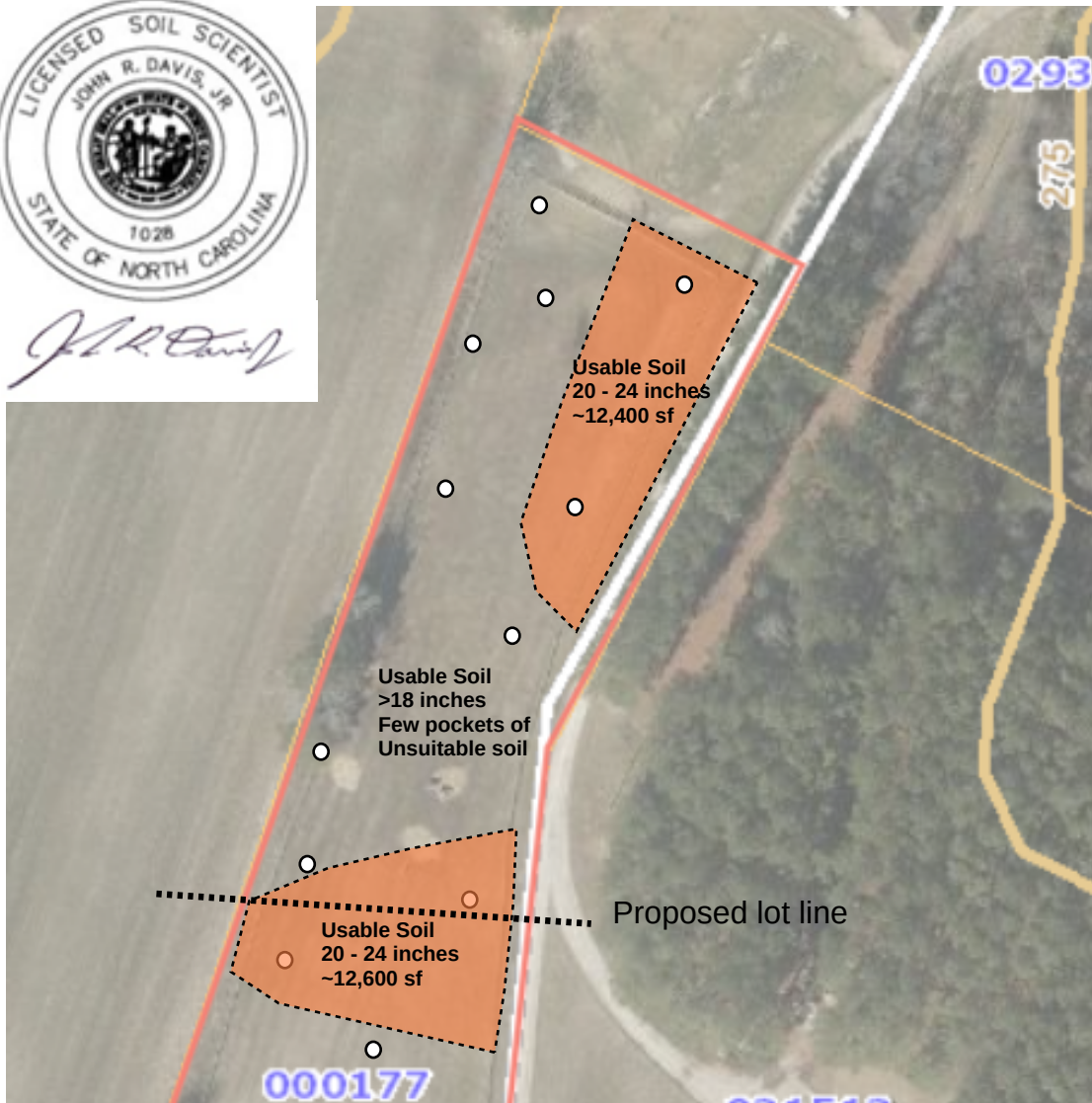
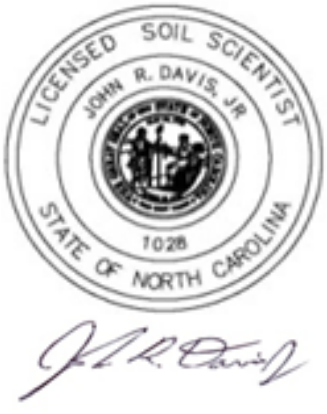


Preliminary Soil Study for Septic System Suitability
December, 2025 John R. Davis, Jr. LSS
216 Honeydo Lane Franklin County, NC



◀ 100 ft ▶



The soil areas shown in "Orange" are **Suitable** or **usable** for shallow gravel or "Accepted" gravelless septic trenches including the low profile chamber systems. These are all common and standard septic systems in the industry. The soil is sandy loam topsoil over sandy clay loam or clay subsoil. A four bedroom house septic system generally requires about 10,000 square feet of usable soil for a complete septic system. The two soil areas shown each have about 12,000 square feet of usable soil for a septic system.

The unshaded area is mostly usable soil for alternative more expensive septic systems that are about 3 times more costly than the standard systems, so you do not really want to utilize these areas as long as the other areas are available. Also, there are some pockets of unsuitable soil mixed in this area where soil depths are less than 18 inches. This would be a good area for a house to be located with gravity flow to the orange soil areas. You may submit this map to your surveyor as a planning tool to subdivide the property into a buildable lot.