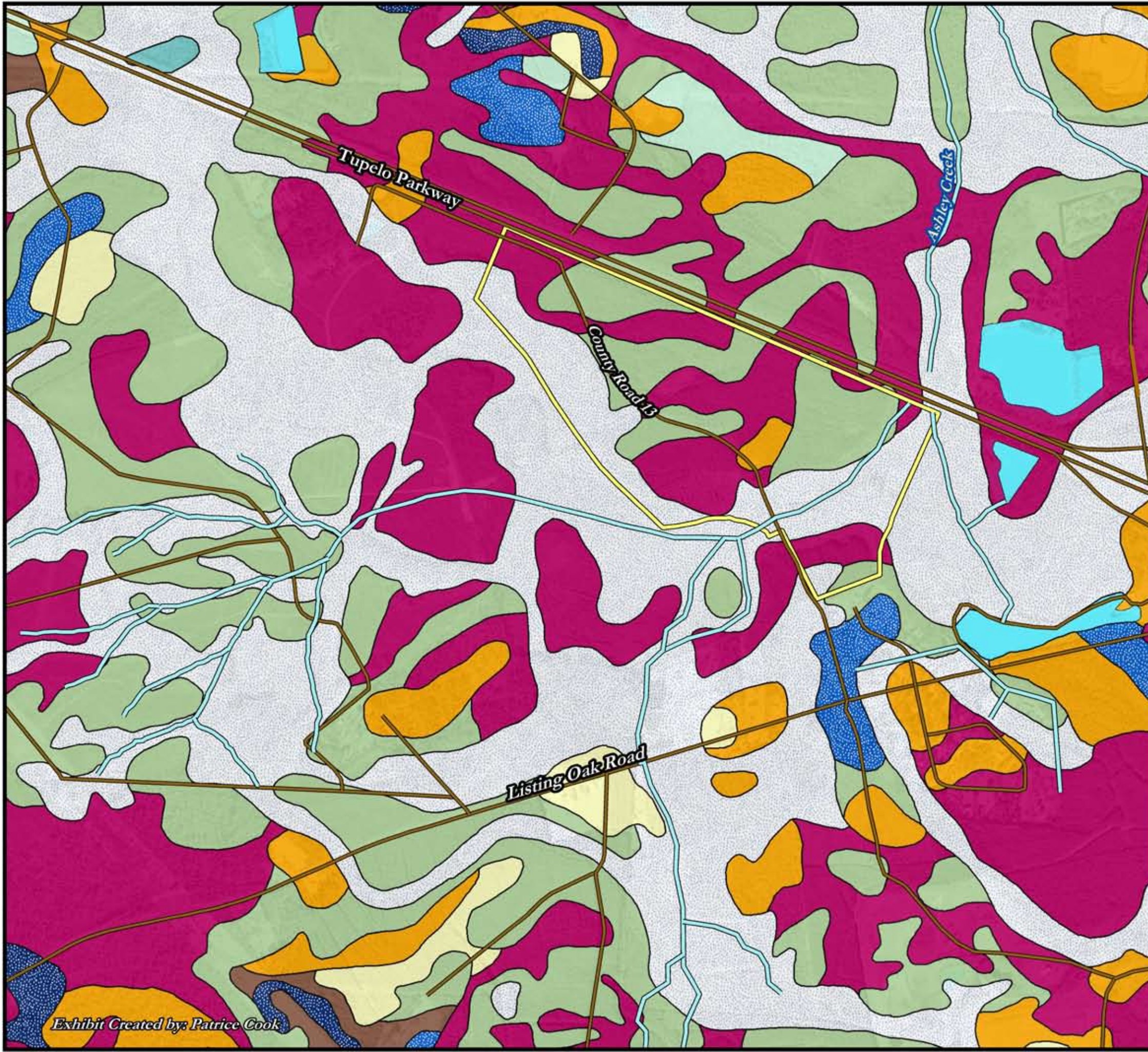


Exhibit 8: Soils Analysis





This soil map was taken from the Soil Survey of Caleb County generated in 1977 by the Natural Resources Conservation Service (NRCS). Soils are important for many reasons; they sustain plant and animal life; they regulate the flow and filtration of contaminants in runoff; and they are critical for locating septic systems and when engineering foundations for roads and buildings. A soil survey depicts soil boundaries by series with supporting tables of information on soil properties. The plasticity, drainage capacity, stability, permeability, and shrink-swell potential of each soil series are described in detail within the database. Building lots and supporting infrastructure can be located based on the suitability of certain soils and their intended use.

Most of the upland soils contained within the Tupelo Tract belong to the Lakeland, Wahee, and Ocilla Series. These series are generally sandy, well-drained soils adequate for most road and building foundations, as well as for stormwater detention facilities. The Ashley Creek and surrounding areas contain Ellabelle soils. Ellabelle is a poorly-suited wetland soil that should be avoided with structural foundations, especially sites supported by septic tanks.



- Soil Types**
-  Albany
 -  Lakeland
 -  Wahee
 -  Ocilla
 -  Olustee
 -  Craven
 -  Ellabelle
 -  Mascotte
 -  Ogeechee

Hydric Soils Shown Stippled in Blue
May Indicate the Presence of Wetlands

-  Tupelo Tract
-  Lakes
-  Streams
-  Roads

1 inch equals 1,000 feet






Exhibit Created by: Patrice Cook