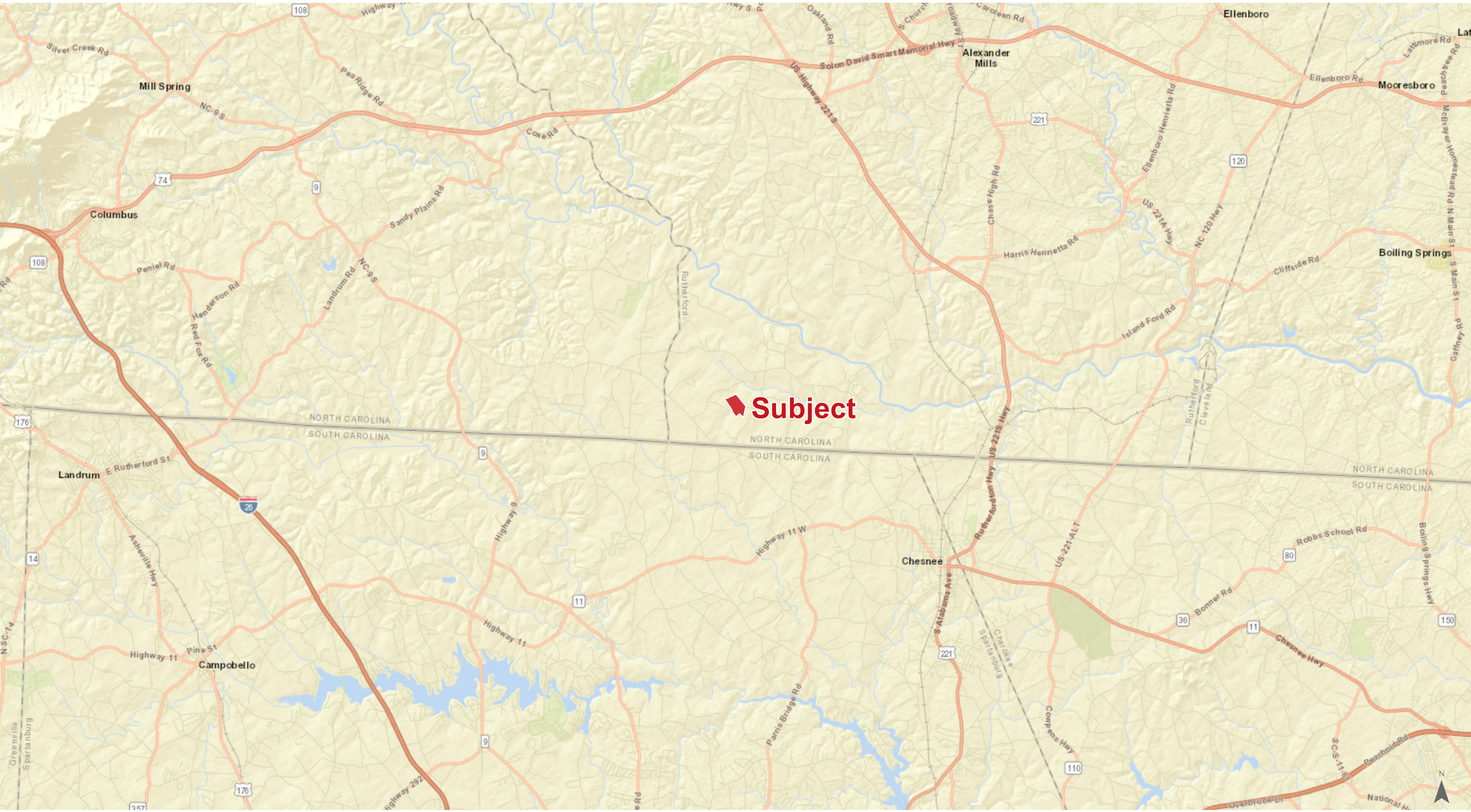
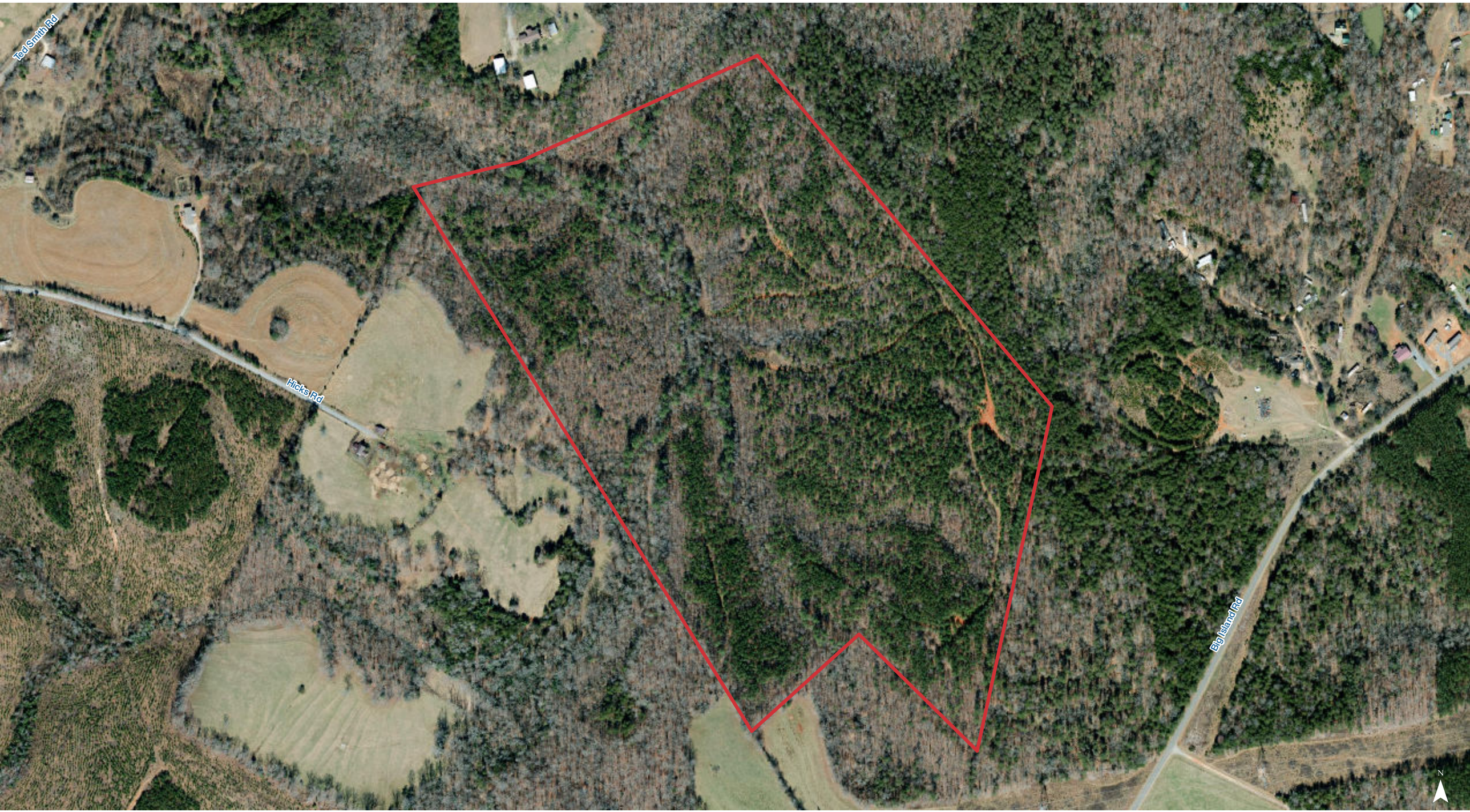
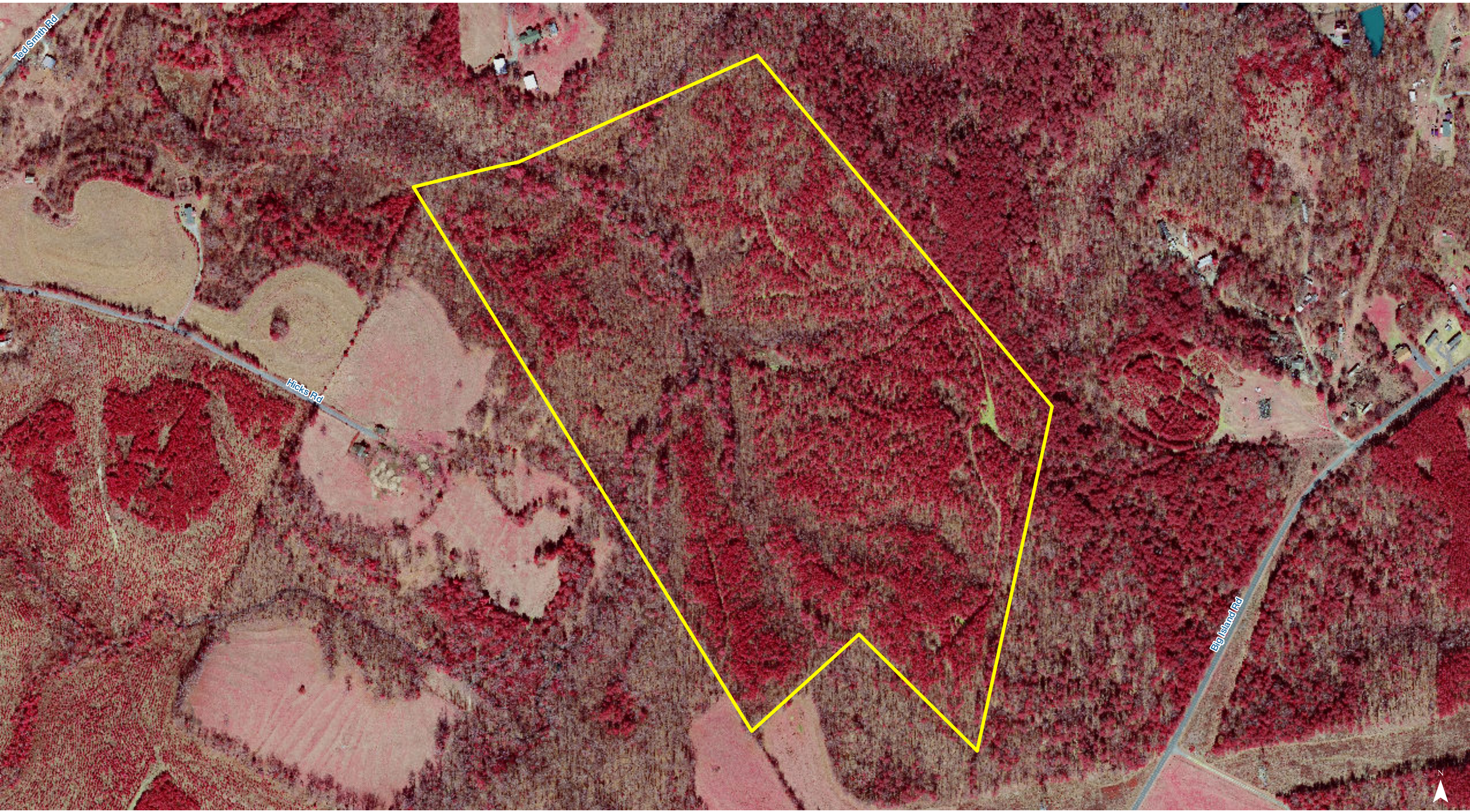
Location



Aerial



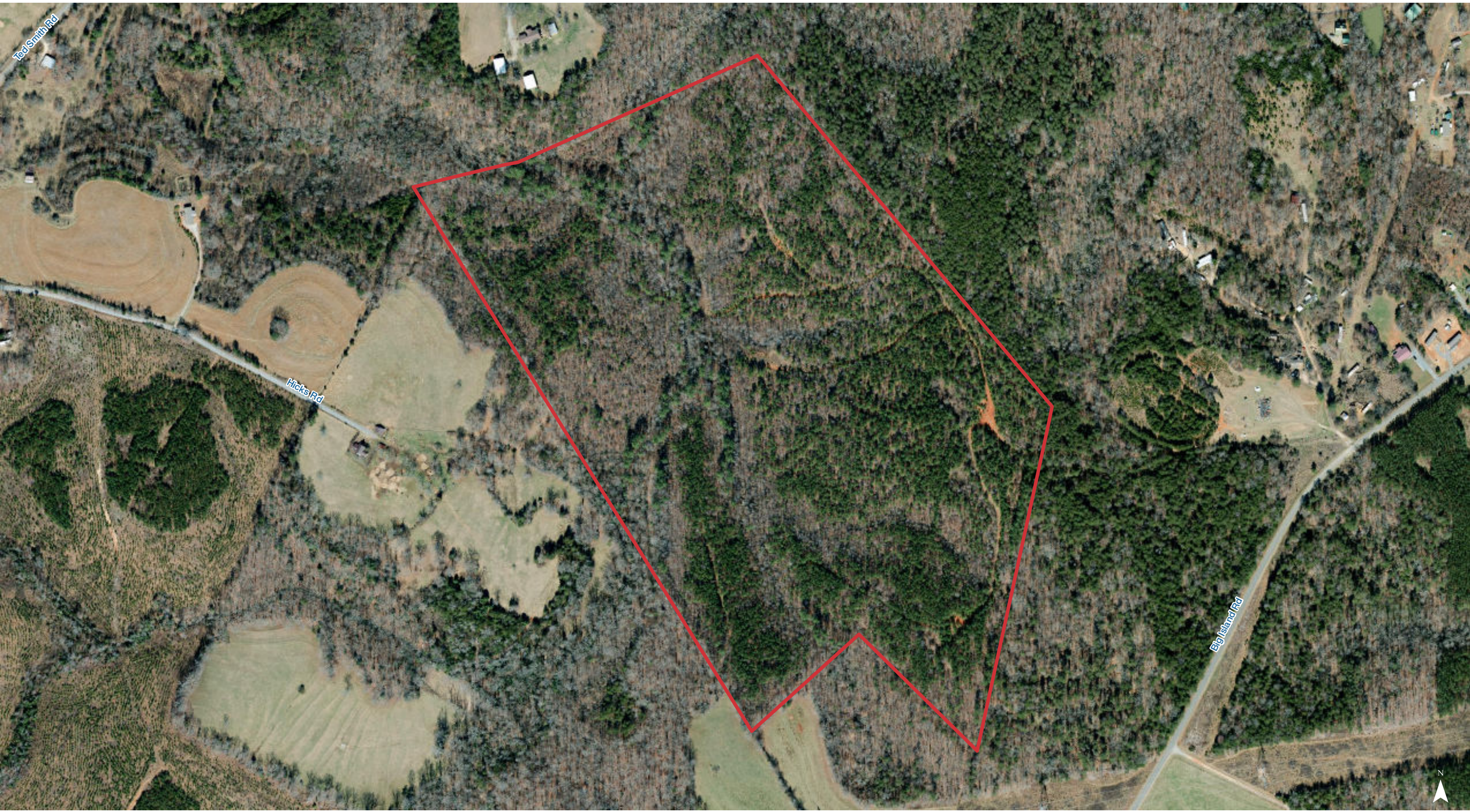
Infrared

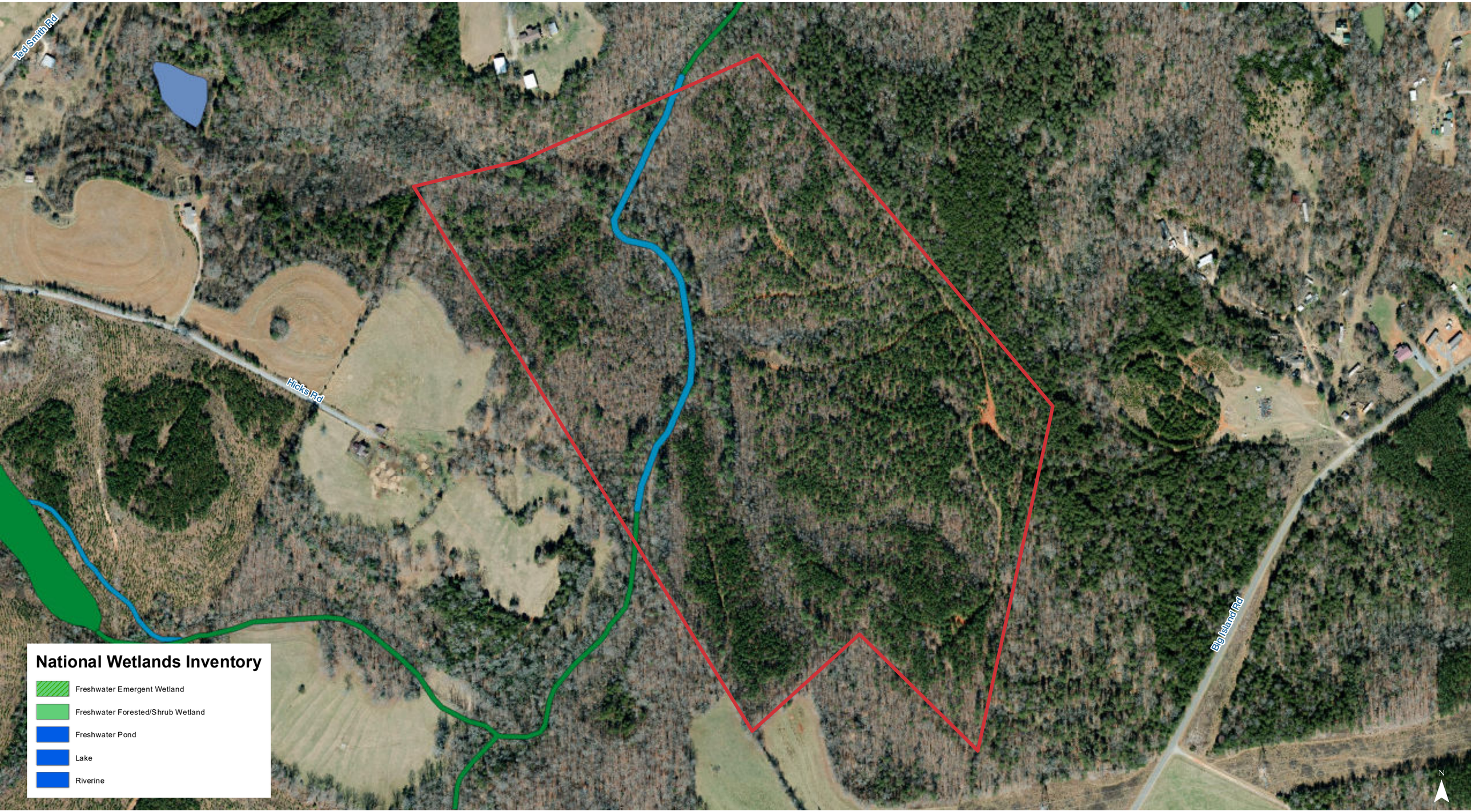


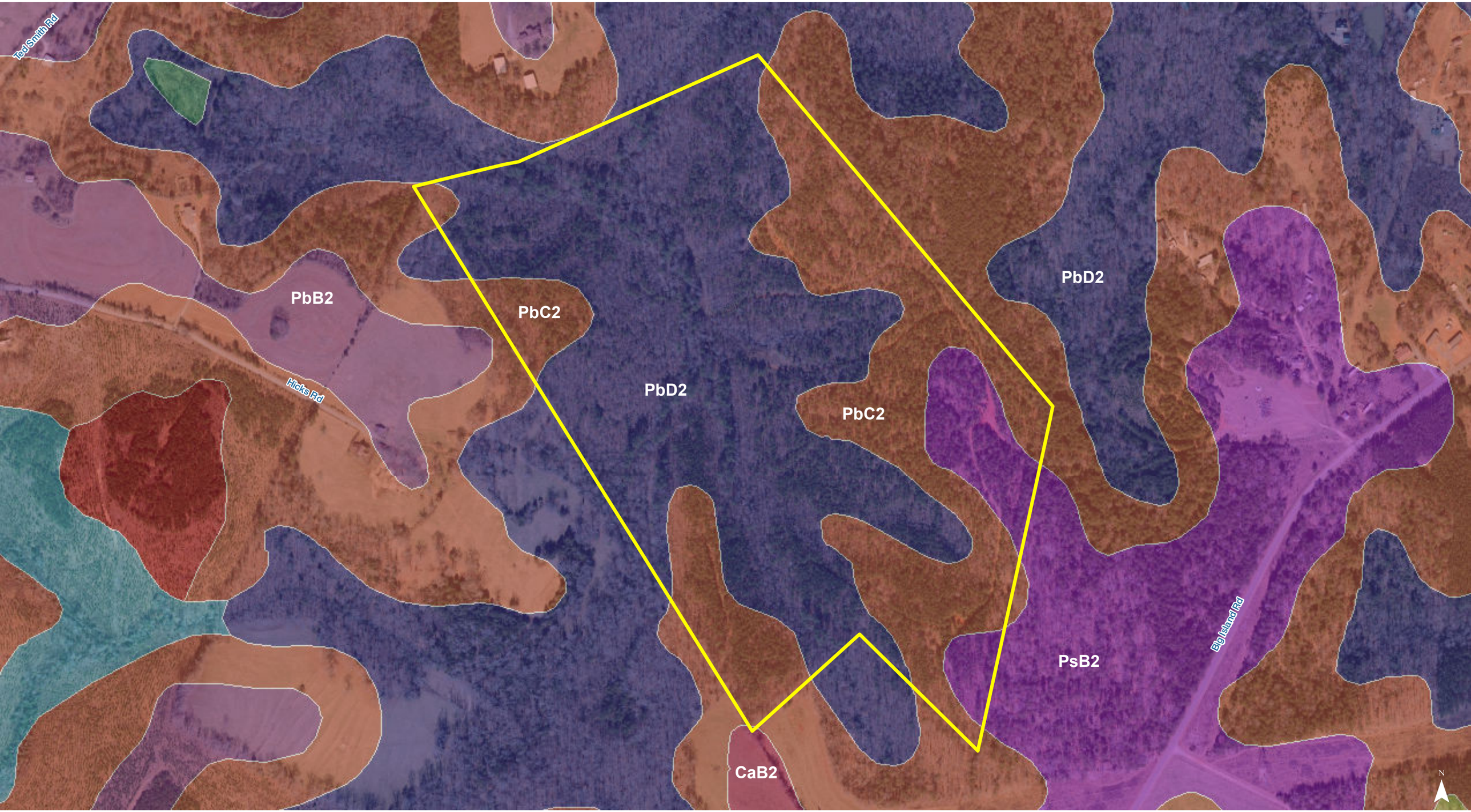
Topographical Map: 10'

Topographical Map: 20'

Flood Zones







Map Unit Description (Brief, Generated)

Rutherford County, North Carolina

[Minor map unit components are excluded from this report]

Map unit: CaB2 - Cecil sandy clay loam, 2 to 8 percent slopes, moderately eroded

Component: Cecil, moderately eroded (88%)

The Cecil, moderately eroded component makes up 88 percent of the map unit. Slopes are 2 to 8 percent. This component is on interfluves, uplands. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map unit: PbB2 - Pacolet-Bethlehem complex, 2 to 8 percent slopes, moderately eroded

Component: Pacolet, moderately eroded (46%)

The Pacolet, moderately eroded component makes up 46 percent of the map unit. Slopes are 2 to 8 percent. This component is on interfluves, uplands. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Bethlehem, moderately eroded (44%)

The Bethlehem, moderately eroded component makes up 44 percent of the map unit. Slopes are 2 to 8 percent. This component is on interfluves, uplands. The parent material consists of residuum weathered from metamorphic rock and/or schist. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the F136XY830NC Acidic upland forest, depth restriction, dry-moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map unit: PbC2 - Pacolet-Bethlehem complex, 8 to 15 percent slopes, moderately eroded

Component: Pacolet, moderately eroded (50%)

The Pacolet, moderately eroded component makes up 50 percent of the map unit. Slopes are 8 to 15 percent. This component is on hillslopes on ridges, uplands. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Rutherford County, North Carolina

[Minor map unit components are excluded from this report]

Map unit: PbC2 - Pacolet-Bethlehem complex, 8 to 15 percent slopes, moderately eroded

Component: Bethlehem, moderately eroded (35%)

The Bethlehem, moderately eroded component makes up 35 percent of the map unit. Slopes are 8 to 15 percent. This component is on hillslopes on ridges, uplands. The parent material consists of residuum weathered from metamorphic rock and/or schist. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the F136XY830NC Acidic upland forest, depth restriction, dry-moist ecological site. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Map unit: PbD2 - Pacolet-Bethlehem complex, 15 to 25 percent slopes, moderately eroded

Component: Pacolet, moderately eroded (46%)

The Pacolet, moderately eroded component makes up 46 percent of the map unit. Slopes are 15 to 25 percent. This component is on hillslopes on ridges, uplands. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Component: Bethlehem, moderately eroded (44%)

The Bethlehem, moderately eroded component makes up 44 percent of the map unit. Slopes are 15 to 25 percent. This component is on hillslopes on ridges, uplands. The parent material consists of residuum weathered from metamorphic rock and/or schist. Depth to a root restrictive layer, bedrock, paralithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. This component is in the F136XY830NC Acidic upland forest, depth restriction, dry-moist ecological site. Nonirrigated land capability classification is 4e. This soil does not meet hydric criteria.

Map unit: PsB2 - Pacolet-Saw complex, 2 to 8 percent slopes, moderately eroded

Component: Pacolet, moderately eroded (46%)

The Pacolet, moderately eroded component makes up 46 percent of the map unit. Slopes are 2 to 8 percent. This component is on interfluves, uplands. The parent material consists of saprolite derived from granite and gneiss and/or schist. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY820GA Acidic upland forest, moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Map Unit Description (Brief, Generated)

Rutherford County, North Carolina

Map unit: PsB2 - Pacolet-Saw complex, 2 to 8 percent slopes, moderately eroded

Component: Saw, moderately eroded (44%)

The Saw, moderately eroded component makes up 44 percent of the map unit. Slopes are 2 to 8 percent. This component is on interfluves, uplands. The parent material consists of saprolite derived from granite and/or gneiss. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the F136XY830NC Acidic upland forest, depth restriction, dry-moist ecological site. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.