Description of Map Units

**Aluvium (Quaternary)**: Variously sized gravel overlain by unconsolidated sand, silt, and clay comprises the unit. This unit occurs in the floodplains of streams and rivers. The alluvium primarily consists of unconsolidated sands and gravels, occasionally cobble and boulder-sized gravel. The basal gravel, primarily arenaceous, originated in the Ouachita Mountain region and from local Cretaceous formations. Thickness varies from 0 to 30 feet. Areas of alluvium are generally less than 30 feet thick. Alluvium is characterized by features such as linear ridges or bluffs or ridges formed by the alluvium.

**Terrane Deposit (Quaternary)**: Terrane deposits generally consist of gravel, sand, and clay. The unit contains sand and gravel, primarily arenaceous, originated in the Ouachita Mountain region and from local Cretaceous formations. Thickness of the unit in the quadrangle is about 30 feet. Terrane is characterized by features such as linear ridges or bluffs or ridges formed by the terrane.

**Caney Creek (Quaternary)**: The Caney Creek Unit consists of a mixture of sand, silt, and clay. This unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Caney Creek Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

**Buckrange Sand Lentil (Quaternary)**: The Buckrange Sand Lentil consists of sand and gravel. The unit is characterized by features such as linear ridges or bluffs or ridges formed by the Buckrange Sand Lentil.

**Cross Section (Quaternary)**: The Cross Section Unit consists of sand, silt, and clay. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Cross Section Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

**Oxidized (Quaternary)**: The Oxidized Unit consists of oxidized sand and gravel. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Oxidized Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

**Oxide (Quaternary)**: The Oxide Unit consists of oxidized sand and gravel. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Oxide Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

**Unconformity (Quaternary)**: The Unconformity Unit consists of unconsolidated sand, silt, and clay. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Unconformity Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

**Tertiary Unconformity (Quaternary)**: The Tertiary Unconformity Unit consists of unconsolidated sand, silt, and clay. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Tertiary Unconformity Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

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**Terrane (Quaternary)**: The Terrane Unit consists of unconsolidated sand, silt, and clay. The unit was deposited in a nearshore marine environment and rests uncomformably on the Buckrange Sand Lentil. The unit has a thickness of the unit is about 5 feet in the quadrangle, and it may contain leaf imprints. The Terrane Unit is unconsolidated sand, silt, and clay and rests unconformably on the Buckrange Sand Lentil.

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