



EXPLANATION

- Qu**
Undifferentiated surficial deposits
Mostly colluvium
- UNCONFORMITY**
- Qa**
Alluvium
Composed of silt, sand, gravel, and carbonaceous matter
- UNCONFORMITY**
- Ql**
Loess or brown loam
Gray and yellow silt, shown only as overprint on other formations
- UNCONFORMITY**
- Qt**
Stream terrace deposits
Composed of red sand and gravel
- UNCONFORMITY**
- Qh**
High-level terrace deposits
Crossbedded red sand and gravel
- UNCONFORMITY**
- Tcu**
Catahoula sandstone
Poorly assorted sand and clay, locally quartzite
- DISCONFORMITY (?)**
- Tbu**
Tb
Byram formation
Glendon limestone member and middle marl member, Tb, includes alternating hard and soft marlstone overlain by fossiliferous, glauconitic, sandy marl; Bucatunna clay member, Tbu, is black carbonaceous clay with thin bedded sand, weathering to chocolate-brown clay
- DIASTEM (?)**
- Tm**
Marianna limestone
Represented by Mint Spring marl member; composed of fossiliferous, glauconitic, sandy marl
- DISCONFORMITY**
- Tf**
Forest Hill sand
Thin-bedded and crossbedded, fine to very fine, white and yellow sand, with interbedded gray clay
- DISCONFORMITY**
- Ty**
Yazoo clay
Greenish-blue plastic calcareous clay, weathering to light greenish-yellow clay

QUATERNARY

QUATERNARY (?)

TERTIARY

..... Contact
Dashed where inferred, dotted where concealed

--- Structure contours on top of Cockfield formation, contour interval 50 feet, datum is mean sea level
Dashed where approximately located

GEOLOGIC MAP OF THE PELAHATCHIE QUADRANGLE, MISSISSIPPI

