



Open stream channel sandstone; locally w/ some shale

Levees: adjacent to active channels, sand-silt laminites & sandy shale, locally root worked.

Red shales: overbank muds deposited above the water table & oxidized.

Sloughs of mainly standing water: clay-clay laminites, dark gray to black.

Coal or dark clay shale: depends on water table height; if completely submerged, will be brackish, fresh, marine bay or lake, but if surface near ~~ground~~ level, a swamp will form & if circulation of water is low, plant material will accumulate.

Lake or ponds root worked clay shales, locally w/ lime nodules, at margins & calcareous clay shale or limestone in center.

fig. 21. Relationship between rocks and hypothesized depositional environments.