investigation of Rukas and Gooch (1939), Andersen (1993) portrayed the interbedded conglomerate containing cobbles and slabs of carbonaceous 1993). The lowermost formation, the Sandel, comprises sand with clasts of light grayish clayey sand; and thick-bedded maroonish-grayish silty —Thin-bedded to laminated conglomerate in places. Ranges in color from reddish orange to, in the presence of glauconite are suggestive of deposition on a shallow, muddy transitional between continental and marine. clays to medium sand, in places containing grayish clayey laminae that may and tuffaceous sandstone locally. Weathers locally to produce a thick (up to 2 grain size of sand/sandstone tends to average very fine to fine sand. Coarser early Pleistocene streams. The unit is bounded updip by the Willis surface and filling valleys incised into older deposits, with textures varying from gravelly and extending into Natchitoches Parish from the east and pinching out westward.