

TABLE 9. Carbonaceous spherule data for core SB1c, St. Bernard Parish, Louisiana.

St. Bernard core SB1c (location: 29°58'53' N, 89°55'27' W; sampled: 03/20/1996).

Percent compaction (applied linearly): 29.1.

Sample depth (cm) ¹	Total number of carbon spherules	Markers counted/ Total markers added during processing	Estimated number of carbon spherules/ sediment volume (1.2 cm ³) ²	Spherule type
14	135	360 / 12,542	4703	oil, coal, or wood
28	18	230 / 12,542	982	oil, coal, or wood
42	107	505 / 12,542	2657	oil
56	27	602 / 12,542	563	oil, coal, or wood
71	8	407 / 12,542	247	--
85	2	594 / 12,542	42	coal or wood

¹Compaction-corrected depth at sample midpoint.

²Estimated number of carbon spherules per cubic centimeter of sediment (formula of Clarke and Patterson [1984]).

Source: U.S. Geological Survey Open-File Report 98-36. **Carbon storage and late Holocene chronostratigraphy of a Mississippi River deltaic marsh, St. Bernard Parish, Louisiana** (H.W. Markewich, ed.). Last Updated on 2/5/98 by Gary R. Buell