



Geochemical and Mineralogical Maps for Soils of the Conterminous United States

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These maps and statistical graphics were derived from data published in U.S. Geological Survey Data Series 801, downloadable from <http://pubs.usgs.gov/ds/801>.

Gibbsite in soil A horizon

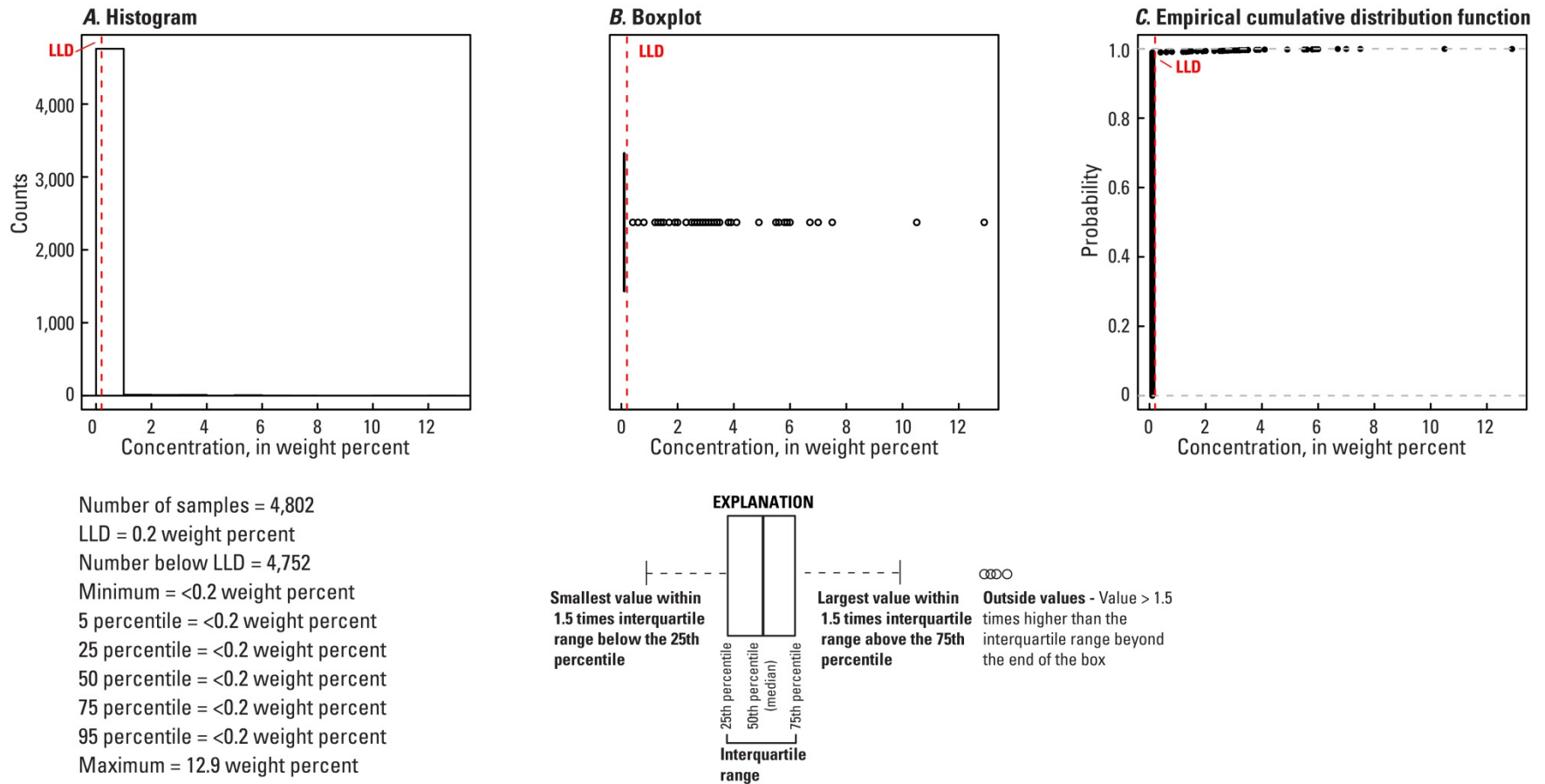


Figure 156. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of gibbsite in the soil A horizon, conterminous United States (LLD, lower limit of determination; wt. %, weight percent).

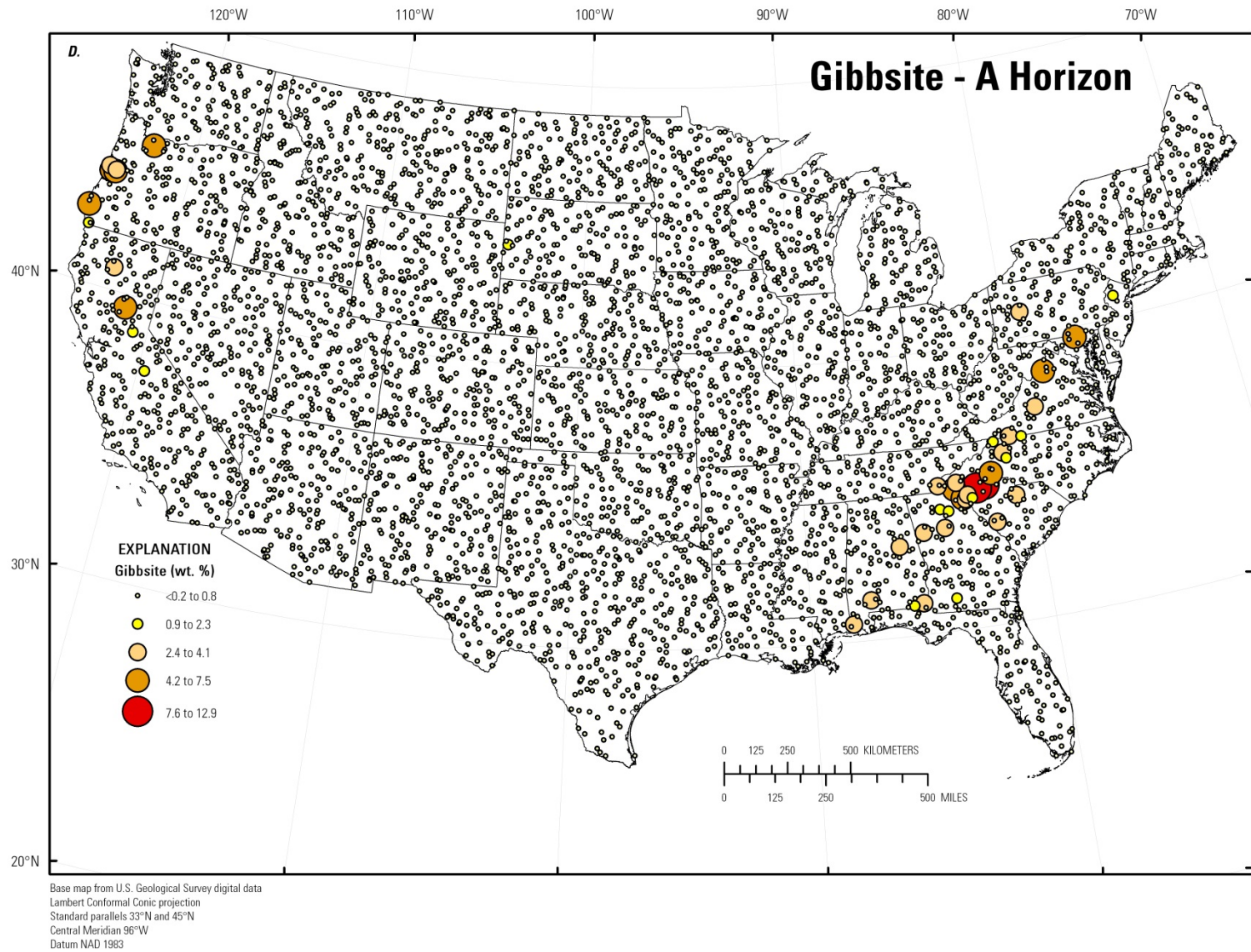
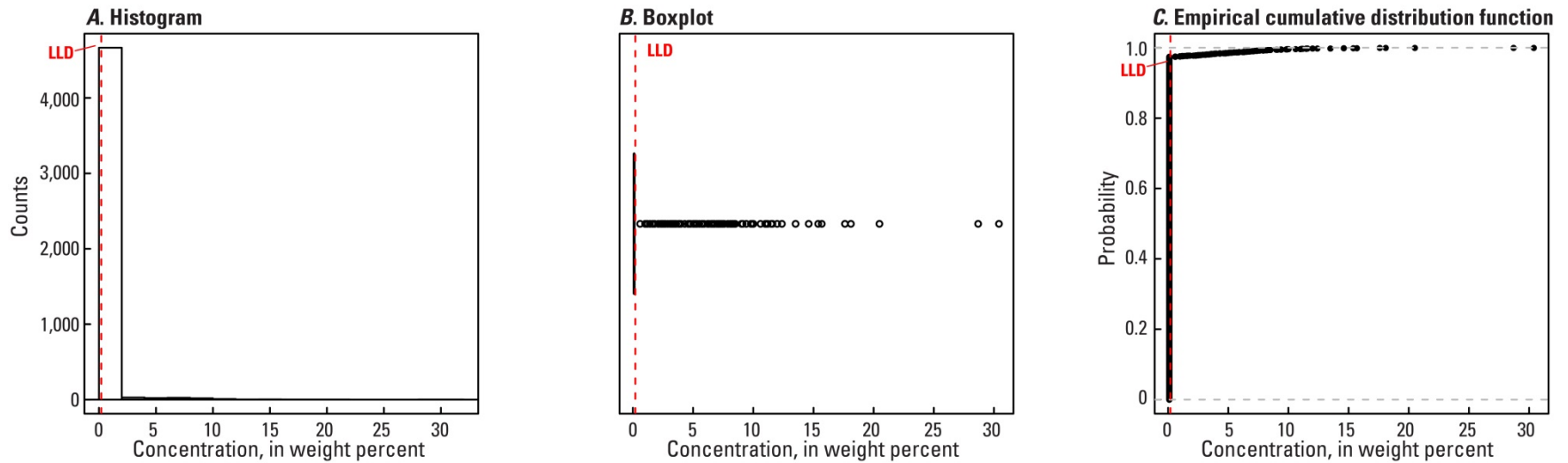


Figure 156. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of gibbsite in the soil A horizon, conterminous United States (LLD, lower limit of determination; wt. %, weight percent).—Continued

Gibbsite in soil C horizon



Number of samples = 4,773
 LLD = 0.2 weight percent
 Number below LLD = 4,651
 Minimum = <0.2 weight percent
 5 percentile = <0.2 weight percent
 25 percentile = <0.2 weight percent
 50 percentile = <0.2 weight percent
 75 percentile = <0.2 weight percent
 95 percentile = <0.2 weight percent
 Maximum = 30.4 weight percent

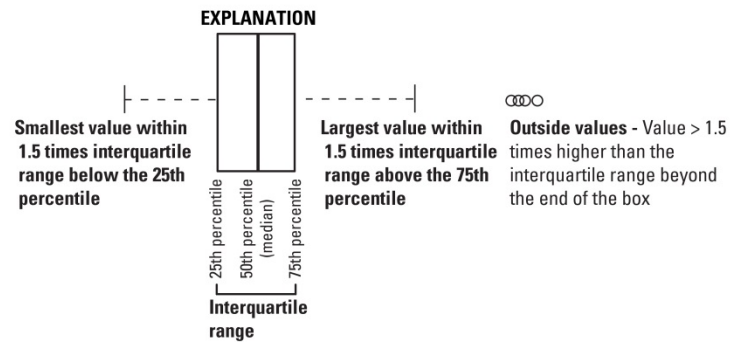


Figure 157. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of gibbsite in the soil C horizon, conterminous United States (LLD, lower limit of determination; wt. %, weight percent).

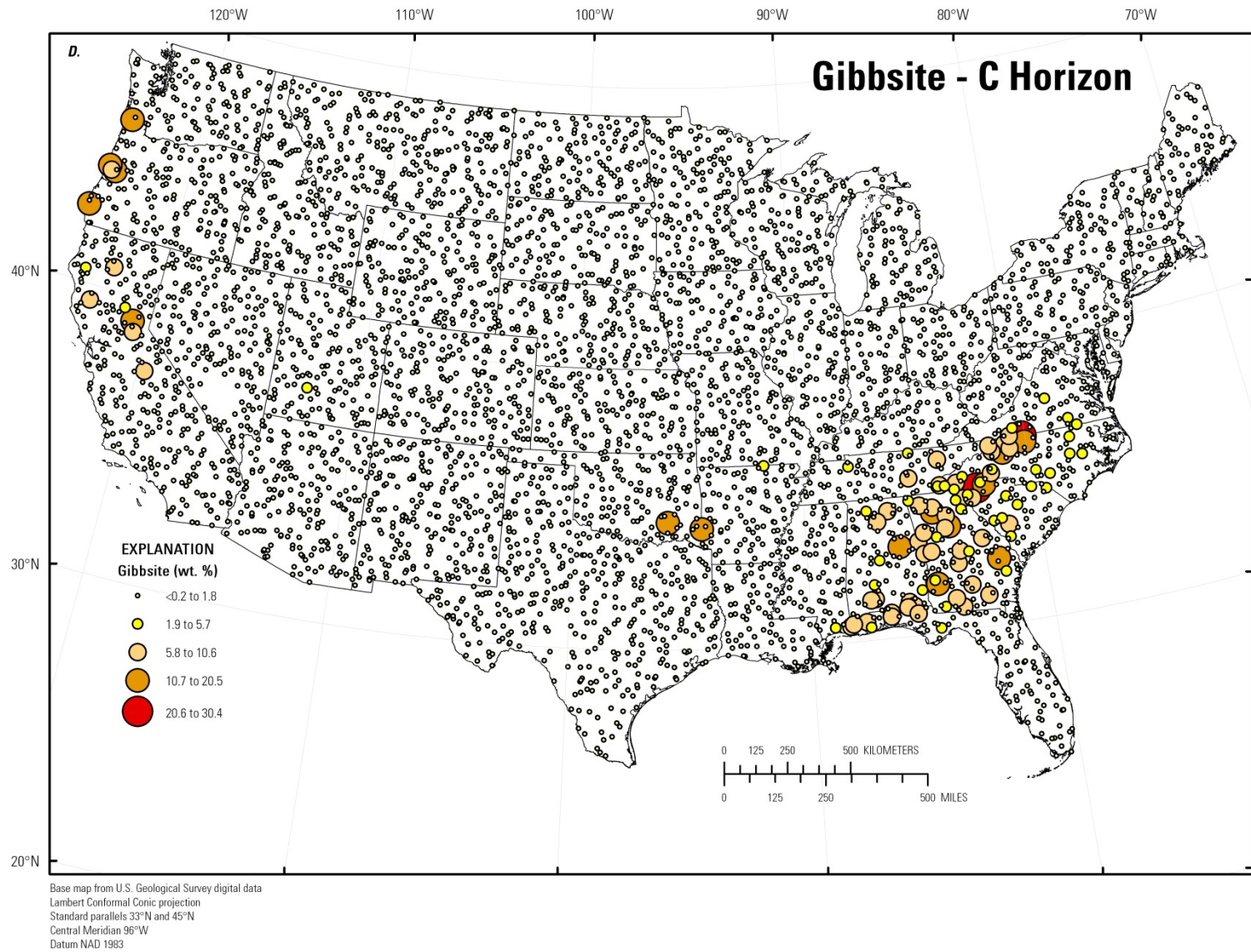


Figure 157. A, Histogram and summary statistics; B, Boxplot; C, Empirical cumulative distribution function; and D, Distribution of gibbsite in the soil C horizon, conterminous United States (LLD, lower limit of determination; wt. %, weight percent).—Continued