



FIGURE 16.27. Various paleoclimate records interpreted from the Death Valley core logged in Figure 16.26. (A) Lake level and paleoenvironments. (B) Ostracods. (C) Uranium-series dates of tufa demarkating shorelines some 100 m above the floor of Death Valley. (D) Maximum paleotemperatures derived from homogenization temperatures of fluid inclusions in halite deposited in perennial and ephemeral paleolakes in the basin. (E) Sulfate minerals. (F) The weight percentage of the > 1-micron-size insoluble fraction. (G) Uranium-series dates of salts, interpolated ages and marine oxygen-isotope stages. From Lowenstein (2002).