



Several major stratigraphic boundaries recovered during Leg 171B. **A.** Close-up of the K/T boundary in Hole 1049A showing the spherule bed and light gray sediment of early Paleocene age. **B.** Close-up of black shale in Hole 1049A. The black shale is of early Albian age and is probably time equivalent with Oceanic Anoxic Event 1b. **C.** Hardground composed of phosphatic concretions with borings separating sediments of Campanian age (above) and Santonian age (below), from Hole 1050C.