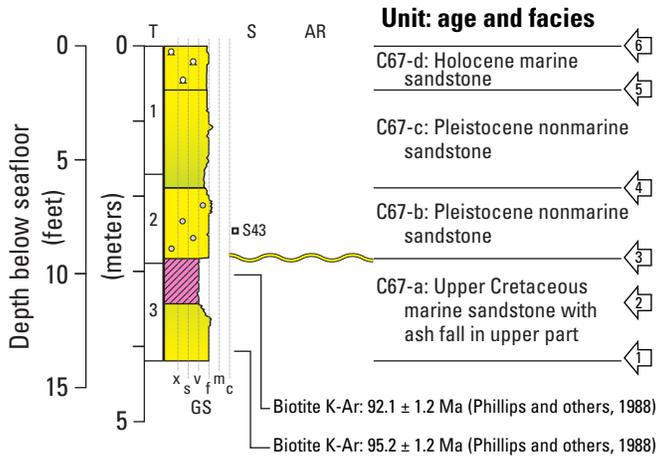


Vibracore D185AR-67

Location: 70.27500° N; 164.29500° W
 Water depth: 41.5 m (136.2 ft)



EXPLANATION

- Tephra
- Tuffaceous mudstone to silty mudstone
- Mudstone
- Siltstone to silty mudstone
- Sandstone, silty to muddy
- Sandstone
- Conglomerate

T - Core storage tube number (see core photos)
 S - Sample spots
 AR - Analytical results
 S25 - Sample spot and number
 GS - Grain size; x, clay; s, silt; v, very fine sand; f, fine sand; m, medium sand; c, coarse sand

A: ⁴⁰Ar/³⁹Ar age posted in million years with ± one standard deviation
 A: NR - No recovery of datable mineral
 B: Biostratigraphic age
 B: ND - No age determination
 C: Apatite fission track cooling age posted in million years with ± two standard errors
 D: Detrital zircon U/Pb age posted in million years with ± one standard deviation
 T: Total organic carbon (weight percent)

○ Pebble	∩ Trough cross laminae
∞ Pebble lag	∩∩ Trough cross bedding
•• Concretions	⋈ Root traces
∩ Flasers or clay laminae	⋈ Burrows
∩∩ Convolute bedding	⋈ Trace fossils
≡ Plane parallel laminae	□ Shells or shell fragments

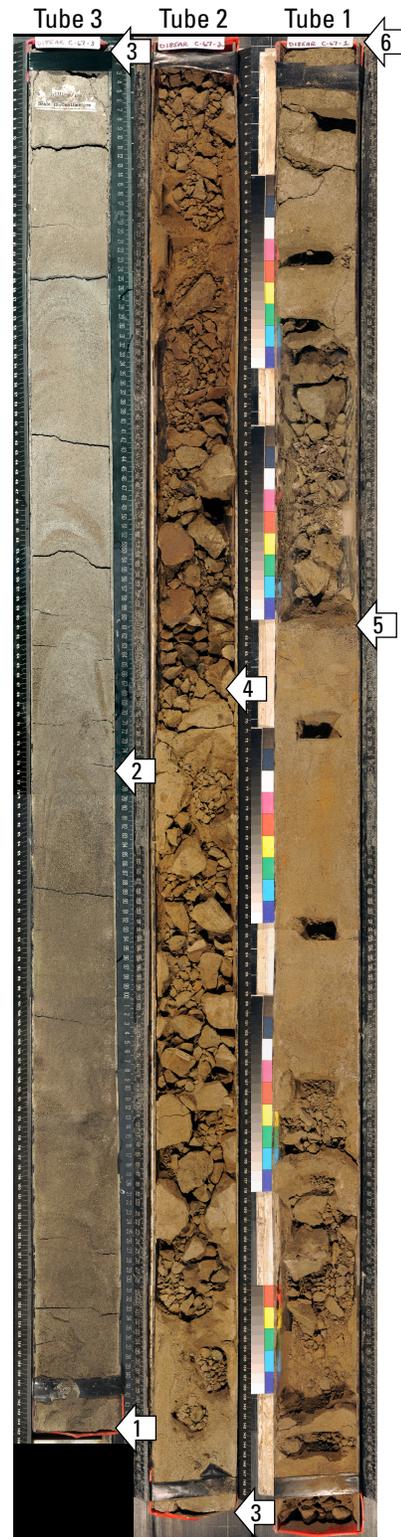


Figure 6. Graphic section and composite photograph of U.S. Geological Survey vibracore C67, Chukchi Shelf, Alaska. Top of Upper Cretaceous strata indicated by yellow and black unconformity symbol. Numbered arrows correlate spots in graphic section to correlative spots in core photograph. Cores are stored in plexiglass half-tubes. See figure 1 for core location. Note that explanation applies to all related figures in this report. Scales on photograph are in centimeters. ft, feet; m, meters; ⁴⁰Ar/³⁹Ar, argon-40/argon-39.