

CD-ROM.3

Chesapeake Bay Crater: Geology and Geophysics
of a Late Eocene Submarine Impact Structure
By
C. Wylie Poag, Christian Koeberl, and W. Uwe Reimold

New structure map of Chesapeake Bay impact crater constructed from seismic reflection and borehole data. Yellow central area represents structure on top of crystalline (granitic) basement. Green area represents surrounding unconformable surface (eroded into preimpact sedimentary deposits) correlative with crystalline structural floor of crater. Boreholes shown are those that encountered crystalline basement inside crater (drill depth shown). See Table 1.2 and CD-ROM.1 for additional borehole data.

0 50
Contour Interval 50 m
km

Basement normal fault with <25 m throw
Basement normal fault with >25 m throw

Borehole to basement

Albers Equal-Area Conic Projection
Standard Parallels 29°30', 49°30'

Compiled by C. Wylie Poag

