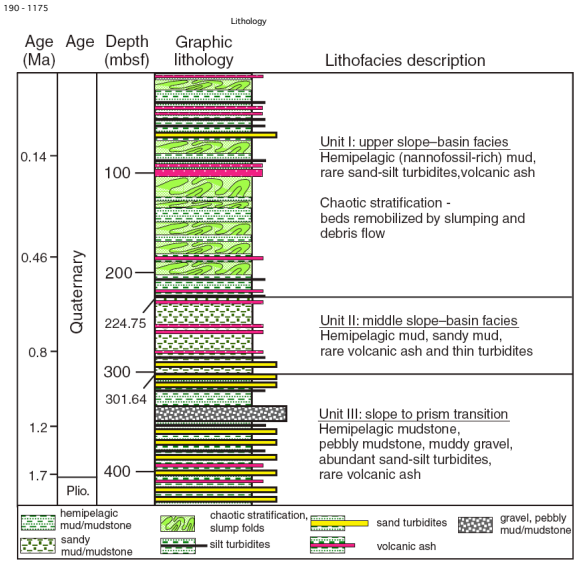
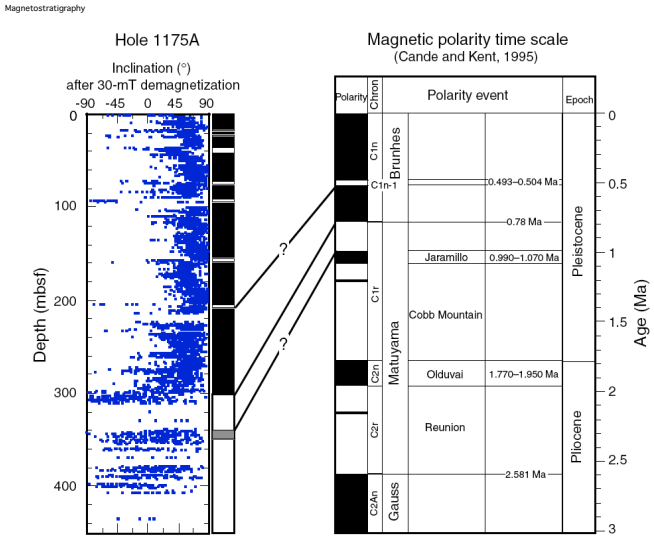
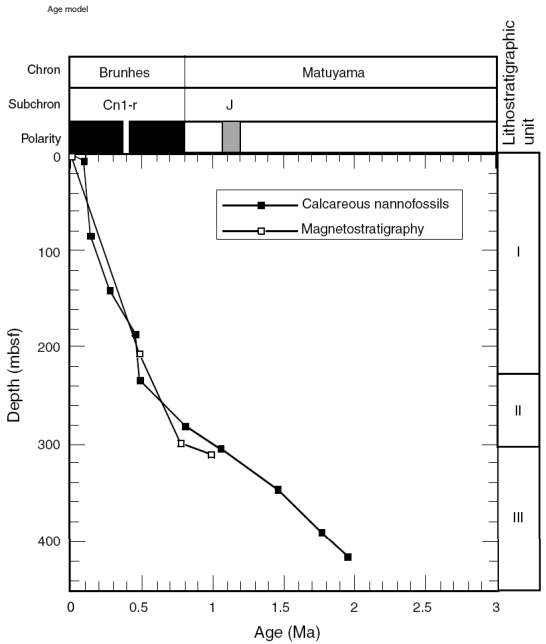

190 - 1175
Lithology
Age (Ma)
Age
Depth (mbsf)
Graphic lithology
Lithofacies description
0.14
0.46
0.8
1.2
1.7
Quaternary
Plio.
100
200
224.75
300
301.64
400
Unit I: upper slope–basin facies
Hemipelagic (nannofossil-rich) mud, rare sand-silt turbidites,volcanic ash
Chaotic stratification - beds remobilized by slumping and debris flow
Unit II: middle slope–basin facies
Hemipelagic mud, sandy mud, rare volcanic ash and thin turbidites
Unit III: slope to prism transition
Hemipelagic mudstone, pebbly mudstone, muddy gravel, abundant sand-silt turbidites, rare volcanic ash
hemipelagic mud/mudstone
sandy mud/mudstone
chaotic stratification, slump folds
silt turbidites
sand turbidites
volcanic ash
gravel, pebbly mud/mudstone


Magnetostratigraphy
Hole 1175A
Inclination (°)
after 30-mT demagnetization
-90 -45 0 45 90
Depth (mbsf)
0
100
200
300
400
Magnetic polarity time scale
(Cande and Kent, 1995)
Polarity
Chron
Polarity event
Epoch
C1n
C1n-1
Brunhes
0.493–0.504 Ma
0.78 Ma
Jaramillo
0.990–1.070 Ma
C1r
Cobb Mountain
Matuyama
C2n
Olduvai
1.770–1.950 Ma
C2r
Reunion
2.581 Ma
C2An
Gauss
Pleistocene
Pliocene
Age (Ma)
0
0.5
1
1.5
2
2.5
3
?
?


Age model
Chron
Brunhes
Matuyama
Subchron
Cn1-r
J
Polarity
Lithostratigraphic unit
Calcareous nannofossils
Magnetostratigraphy
Depth (mbsf)
0
100
200
300
400
I
II
III
0
0.5
1
1.5
2
2.5
3
Age (Ma)