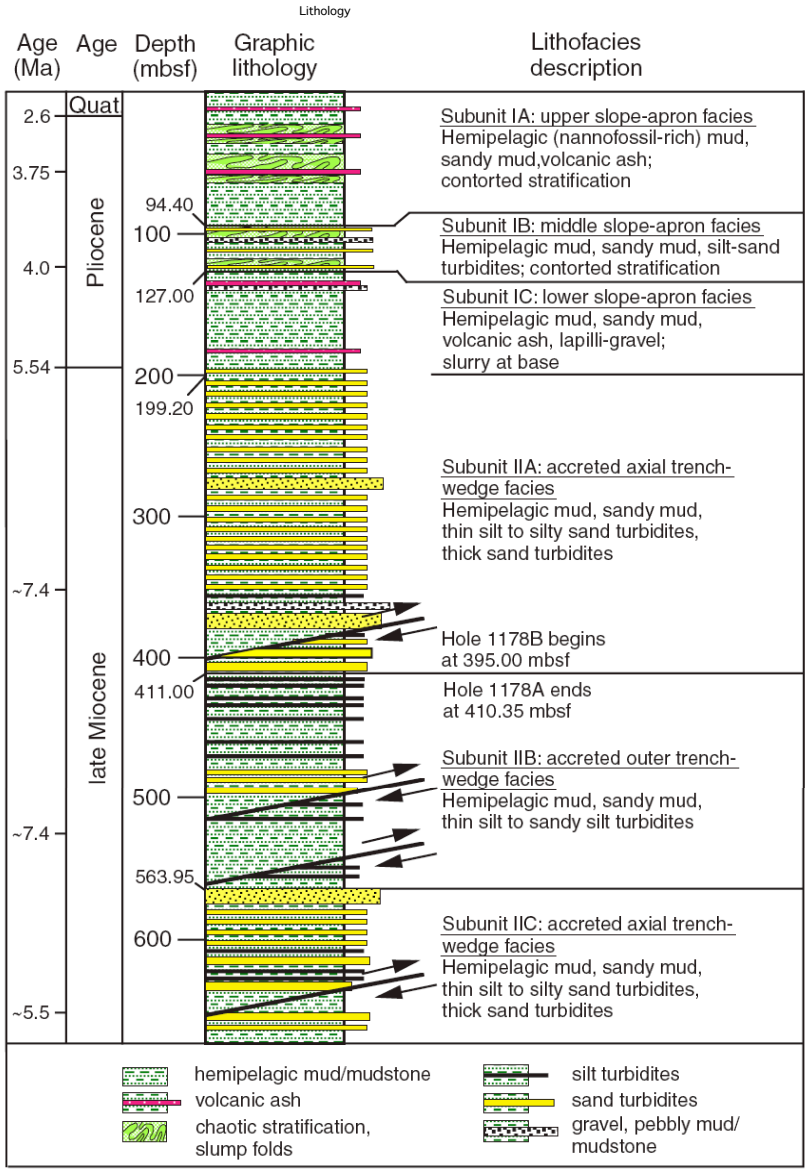
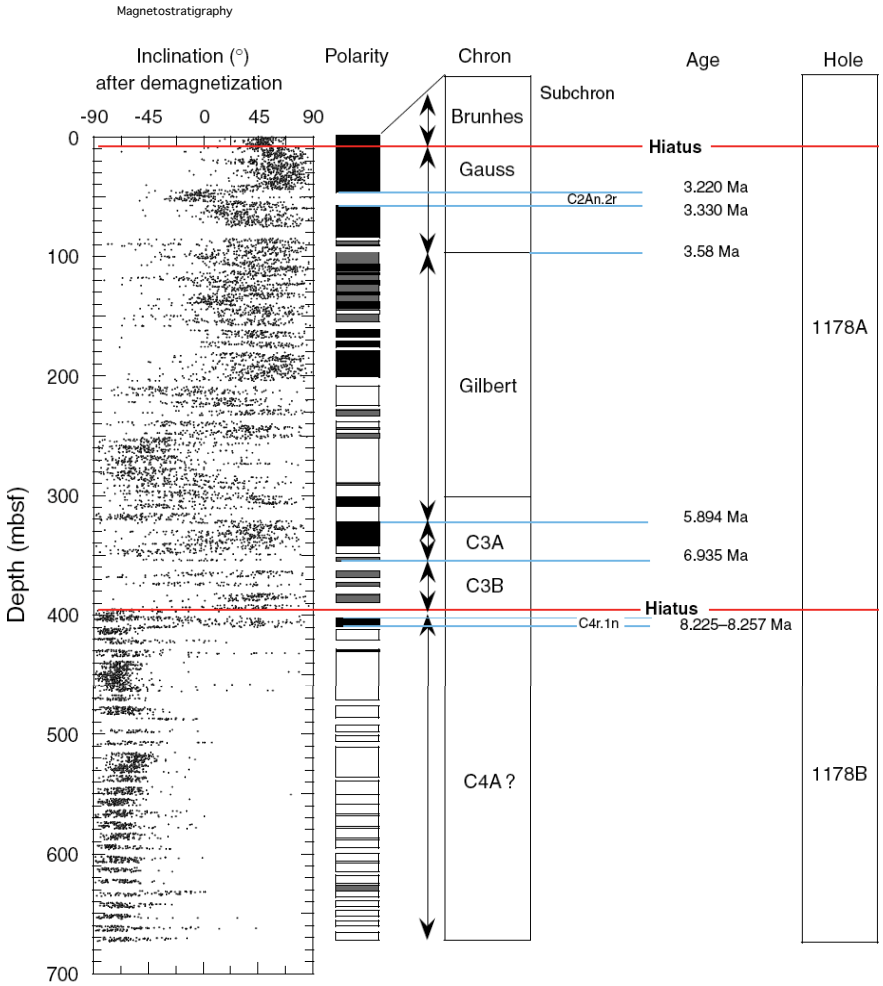

Lithology
Age (Ma)
Age
Depth (mbsf)
Graphic lithology
Lithofacies description
Quat
Pliocene
late Miocene
2.6
3.75
4.0
5.54
~7.4
~7.4
~5.5
94.40
100
127.00
200
199.20
300
400
411.00
500
563.95
600
Subunit IA: upper slope-apron facies
Hemipelagic (nannofossil-rich) mud, sandy mud,volcanic ash; contorted stratification
Subunit IB: middle slope-apron facies
Hemipelagic mud, sandy mud, silt-sand turbidites; contorted stratification
Subunit IC: lower slope-apron facies
Hemipelagic mud, sandy mud, volcanic ash, lapilli-gravel; slurry at base
Subunit IIA: accreted axial trench-wedge facies
Hemipelagic mud, sandy mud, thin silt to silty sand turbidites, thick sand turbidites
Hole 1178B begins at 395.00 mbsf
Hole 1178A ends at 410.35 mbsf
Subunit IIB: accreted outer trench-wedge facies
Hemipelagic mud, sandy mud, thin silt to sandy silt turbidites
Subunit IIC: accreted axial trench-wedge facies
Hemipelagic mud, sandy mud, thin silt to silty sand turbidites, thick sand turbidites
hemipelagic mud/mudstone
volcanic ash
chaotic stratification, slump folds
silt turbidites
sand turbidites
gravel, pebbly mud/ mudstone


Magnetostratigraphy
Inclination (°) after demagnetization
-90
-45
0
45
90
Polarity
Chron
Subchron
Age
Hole
Depth (mbsf)
0
100
200
300
400
500
600
700
Brunhes
Gauss
Gilbert
C3A
C3B
C4A ?
Hiatus
Hiatus
C2An.2r
C4r.1n
3.220 Ma
3.330 Ma
3.58 Ma
5.894 Ma
6.935 Ma
8.225–8.257 Ma
1178A
1178B