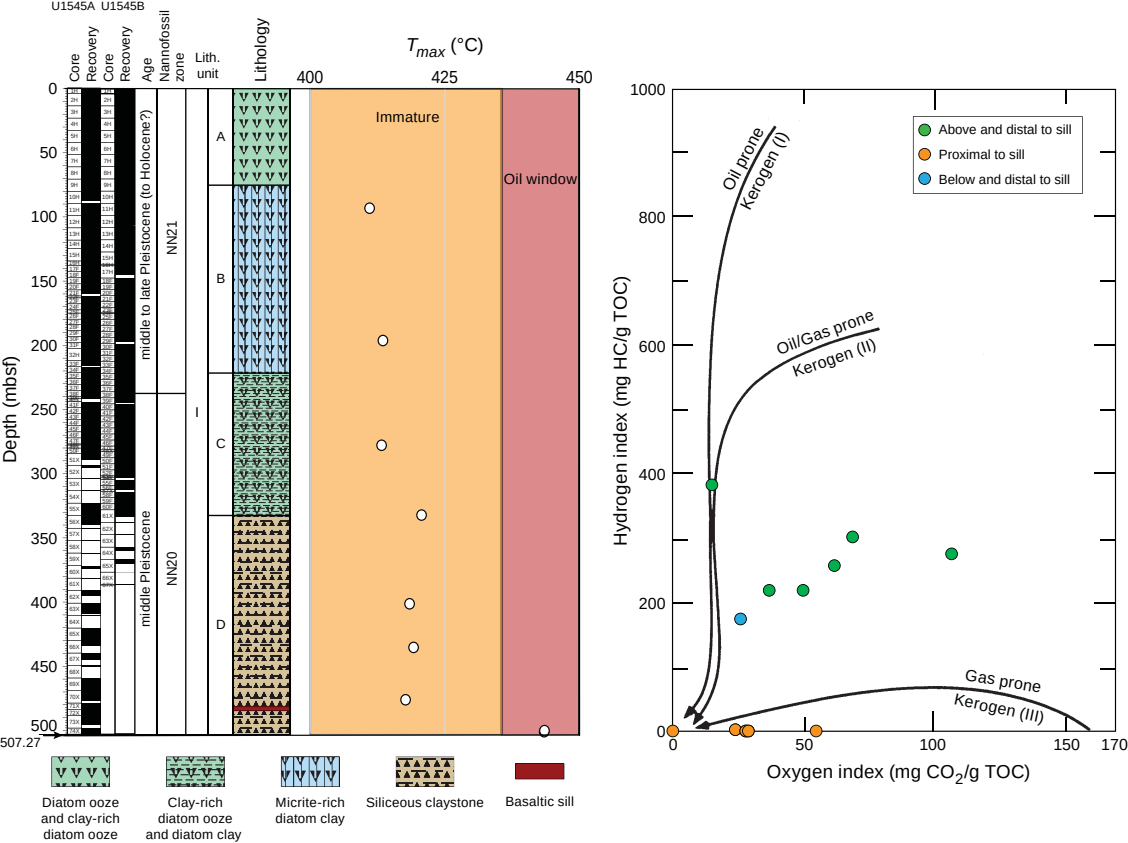
U1545A U1545B
Core Recovery
Core Recovery
Age Nannofossil zone
Lith. unit
Lithology
T_{max} (°C)
400
425
450
Immature
Oil window
middle to late Pleistocene (to Holocene?)
middle Pleistocene
NN21
NN20
I
A
B
C
D
Depth (mbsf)
0
50
100
150
200
250
300
350
400
450
500
507.27
Diatom ooze and clay-rich diatom ooze
Clay-rich diatom ooze and diatom clay
Micrite-rich diatom clay
Siliceous claystone
Basaltic sill
Above and distal to sill
Proximal to sill
Below and distal to sill
Oil prone Kerogen (I)
Oil/Gas prone Kerogen (II)
Gas prone Kerogen (III)
Hydrogen index (mg HC/g TOC)
1000
800
600
400
200
0
Oxygen index (mg CO_2/g TOC)
0
50
100
150
170