U1518E
U1518F
Core
Recovery
Core
Recovery
Age
Lithology
Lithostratigraphic unit
GRMA_FILT/Baseline
Vshale
0
(VSH_GR)
1
GRMA FILT*
VSH_GR*
0
(gAPI)
150
0
(v/v)
1
Logging unit
Depth (mbsf)
0
100
200
300
400
500
1H
3H
5H
7H
9H
11F
13F
15F
17F
19F
21F
23F
25F
27X
29X
31X
2R
4R
6R
8R
10R
12R
14R
16R
18R
20R
22R
24R
26R
28R
30R
32R
Quaternary (>0.53 Ma)
Quaternary (>0.12 Ma, <0.53 Ma)
Coring gap
Main brittle fault
Subsidiary fault
Unit IA:
Silty clay with abundant thin interbeds of normally graded very fine sand, silty sand, and sandy silt; scattered volcanic ash in upper 40 m
Frequent fine-grained turbidity currents and hemipelagic settling in trench-floor environment
197.7 mbsf
Unit IB:
Mudstone with sparse, very thin beds of normally graded siltstone
Hemipelagic settling with occasional fine-grained turbidity currents in trench-floor environment
304.5 mbsf
Unit II:
Thin alternating layers of silty mudstone, sparse siltstone
Mostly hemipelagic
370.4 mbsf
Unit IIIA:
Bioturbated mudstone with thin interbeds of siltstone, sandy siltstone, contorted domains
Turbidity currents + soft-sediment deformation (mass transport deposits)
475.7 mbsf
Unit IIIB:
Mudstone/siltstone interbeds
U1518A
U1518B
Poor recovery of silt beds in cores
1
2A
2B
3A
3B
3C
4
5A
5B
6A
6B
Silty clay to clayey silt
Silt interbeds
Very fine sand
Sandy silt to silty sand
Volcanic ash
Contorted domain (probable MTD)