

Date 16/11/24	Observer N. Morgan	VISUAL CORE DESCRIPTIONS		Exp. 405	Site C0019	Hole L	Core 1H	Section 1
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[cm]	Graphic illustration	Coring dist.	Unit	Lithology	Grain size c si vls fs ms cs vcs g p	Samples	Sedimentary structures	Bioturb.	Sorting p mw	Colour	Description
0											
10											
20											
30											
40											
50											
60											
70											
80											
90											
100											
110											
120											
130											
140											
150											

* Silty clay, dark olive gray
(2.5 GY 3/1)
+ dark grayish yellow
(2.5 GY 4/2)

x Ash layers, grayish
L [33, 42]
L [50, 57]
L [60-71]

x Succession of laminae,
fining-upward
(mm to 1 cm thick)
L [90-84] -
L [94-103] -
x L [120-122] -

x Pumice clasts
L [125-128] -

x Greenish ash patches
L [116-117] -

x Summary of silty clay
clayey silt
and clay

x Highly deformed section

x Oxidised first 20 cm

x Big (10 cm. big) clast
of ash (grayish)

x Multiple fining-upward
laminae, planar/horizontal
or deformed

x Micro-faults.

147 cm - end of section

Exp. 405	Site C0019	Hole L	Core 1H	Section 2
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[cm]	Graphic illustration	Coring dist.	Unit	Lithology	Grain size										Samples	Sedimentary structures	Biolturb.	Sorting	Colour	Description
					c	si	vs	fs	ms	cs	vs	cs	vs	g						
0																				
7.5																			x Olive black, clay, silty clay, clayey silt	
31.1																			x Silty interval, fining-upward Vfs L [65-59] → (T)?	
																			x Silty laminae L [52]; [35]; [102-104]	
																			x Fine sand interval (CO?) L [140-147]	
																			x Deformed cor. Lending L [53-59] L [9-10]	
																			x Wedge	
																			x Soggy interval (CO?) L [133-140]	
																			<u>SUMMARY</u>	
																			L Olive black clay/silty clay with interbedded silty, sandy layers, potential are turbidite [59-65]	
																			x Inclined deformed contact L [140-147cm]	
147.5																			x 147.5cm - End of section	

Exp. 405	Site C0019	Hole L	Core 14	Section 3
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Description

- x Olive black, silty clay with clayey intervals.
- x 146 Vfs to silty fining upward intervals
 - L [54-98]
 - L [92-81]
 - L [61-62]
 - L [46-51]
 - L [36-27]
 - L
- x Inclined bedding.
 - L [100-147].
- x Highly deformed / faulted interval
 - L [90-100]
- x Potential fluid escape feature
 - L [70-90]
- x Sappy interval, intercalated
 - L [102-118] teph. layers.

SUMMARY

- x Silty clay to clayey section
- x Interbedded fining-upward layers - (T)? sometimes deformed / faulted
- x Sappy interval (

139.5cm - End of section

