Drilling disturbance symbols					
	Soft sediments				
	Slightly disturbed				
•	Moderately disturbed				
~~ 00C	Highly disturbed				
000	Soupy				
	Hard sediments				
1//	Slightly fractured				
<u>_</u>	Moderately fractured				
>	Highly fragmented				
×××	Drilling breccia				

Sedimentary structures

1	Interval over which primary sedimentary structures occur	
F	Fining-upward sequence	
C	Coarsening-upward sequence	
	Reduction of particle abundance	
	Planar laminae	
M	Cross-laminae (including climbing ripples)	
**	Wavy laminae/beds	
	Wedge-planar laminae/beds	
4	Cross-bedding	
	Graded interval (normal)	
∇	Graded interval (reversed)	
	Graded bedding (normal)	
0.0	Graded bedding (reversed)	
•••	Scoured contact with graded beds	
2	Flaser bedding	
3	Lenticular bedding	
200	Convoluted and contorted bedding	
m	Current ripples	
-	Sharp contact	
	Gradational contact	
W	Scoured, sharp contact	
//	Cross-stratification	
7	Slump blocks or slump folds	
2	Contorted slump	
M	Mud/desiccation cracks	
	Scour	
20	Imbrication	
.5	Clastic dike	
11	Water-escape pipes	

Veins

tary	-	Load casts
	•	Lithoclast
	\Diamond	Isolated pebbles cobbles/dropstones
	A٠	Ash or pumice pods
	-A-	Ash layer
oples)	4	Micro fault (normal)
	7/2	Micro fault (thrust)
	-/-	Macro fault
	×	Fracture
	7/4	Mineral-filled fracture
	11	Injection
	X	Probable compaction fracture
	555	Tension gashes
	•	Concretions/nodules
	V	Vugs
	3	Mottled, minor (<30% surface area)
	33	Mottled, moderate (30%—60% surface area)
	333	Mottled, strong (>60% surface area)
	>>>	Discrete Zoophycos trace fossil
	6	Fossils, general (megafossils)
	0	Shells (complete)
	Ø	Shell fragments
	4	Wood fragments
	833	Cylindrichnus trace fossil
	9	Sagarites

Drilling disturbance symbols			Sedime	Sedimentary structur		
		Slightly disturbed	1	Interval over structures occ		
			↑F	Fining-upward		
		Moderately disturbed	↑c	Coarsening-u		
			1	Reduction of		
	>	Highly disturbed		Planar lamina		
	000 ww		-111	Cross-lamina		
				Wavy laminae		
	000	Soupy		Wedge-plana		
	0			Cross-beddin		
	/	Hard sediments Slightly fractured		Graded interv		
	/		$ \nabla $	Graded interv		
	1			Graded bedd		
		Moderately fractured	0 0 0	Graded bedd		
				Scoured cont		
	>> × × ×	Highly fragmented Drilling breccia	2	Flaser beddin		
			8	Lenticular bed		
			200	Convoluted a		
			m	Current ripple		
		ig 51000id		Sharp contac		
				Gradational of		

ires

\uparrow	Interval over which primary sedimentary structures occur	F	Load casts
↑F	Fining-upward sequence	-	Lithoclast
↑c	Coarsening-upward sequence		Isolated pebbles cobbles/dropstones
1	Reduction of particle abundance	A •	Ash or pumice pods
	Planar laminae	A	Ash layer
-	Cross-laminae (including climbing ripples)	4	Micro fault (normal)
****	Wavy laminae/beds	7/2	Micro fault (thrust)
	Wedge-planar laminae/beds		Macro fault
11	Cross-bedding	×	Fracture
	Graded interval (normal)	7/4	Mineral-filled fracture
	Graded interval (reversed)	1//	Injection
	Graded bedding (normal)	X	Probable compaction
0 0 0	Graded bedding (reversed)	555	fracture Tension gashes
•••	Scoured contact with graded beds		Concretions/nodules
2	Flaser bedding	$ \bigcirc $	Vugs
8	Lenticular bedding	1 1	Mottled, minor
2022	Convoluted and contorted bedding	3	(<30% surface area)
m	Current ripples	33	Mottled, moderate (30%—60% surface area)
	Sharp contact	333	Mottled, strong (>60% surface area)
	Gradational contact	>>>	Discrete Zoophycos
1	Scoured, sharp contact	6	trace fossil Fossils, general
7/	Cross-stratification		(megafossils)
	Slump blocks or slump folds	6	Shells (complete)
2	Contorted slump	&	Shell fragments
W	Mud/desiccation cracks	4	Wood fragments
	Scour	808	Cylindrichnus trace
00	Imbrication		fossil
63	Clastic dike	9	Sagarites
11/	Water-escape pipes		