

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 28/11/11
		Avg.	Max.						
--0--	10Y 5/1						major ↓ MAJOR LITHOLOGY 10Y 5/1 greenish gray Bioturbation 3 Thick bedded 60%		
--10--		CLAY	MEDIUM SAND		3				
				bioturb. contact			minor ↓		
--20--	7.5YR 5/1			bioturb. contact			minor ↓ MAJOR LITHOLOGY 7.5YR 5/1 gray Bioturbation 3		
	10Y 5/1			bioturb. contact			minor ↓		
--30--	7.5YR 5/1			bioturb. contact					
	10Y 5/1			bioturb. contact			minor ↓		
--40--				bioturb. contact			major ↓		
--50--	10Y 5/1						Bioturbation: zoophytes chondrites localized sulfur specks		
--60--									
--70--				sharp contact			minor ↓		
--80--	7.5YR 5/1								
--90--				massive					
--100--									
--110--									
				bioturb. contact			major ↓		
--120--									
--130--	10Y 5/1			massive					
--140--									
--150--							continue to the next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	28/11/11
-- 0 --							major ↓		
-- 10 --		CLAY	MEDIUM SAND		3		MAJOR LITHOLOGY 10Y 6/1 greenish gray Bioturbation 3 (slightly) Thick bedded 70%		
-- 20 --							MINOR LITHOLOGY		
-- 30 --							7.5YR 5/1 gray Bioturbation 3		
-- 40 --									
-- 50 --	10Y 6/1 Greenish gray			massive			Bioturbation; 200 fibres? burrows conduits		
-- 60 --							Sulfur specks		
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --		120		bioturb. contact			minor ↓		
-- 130 --	7.5YR 5/1 gray								
-- 140 --									
-- 150 --							continue to the next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: ED	Date: 23/11/11
		Avg.	Max.						
--0--	10Y 5/1						major ↓		
--10--	13	CLAY	MEDIUM SAND	bioturb. contact	3		minor ↓		
--20--	7.5YR 5/1			massive					<p>MAJOR LITHOLOGY</p> <p>10Y 5/1 greenish gray Bioturbation 3 (slightly) medium bedded 70%</p>
--30--									<p>MINOR LITHOLOGY</p>
--40--	39			bioturb. contact			major ↓ 42 cm: pyrite		<p>7.5YR 5/1 Bioturbation 3</p>
--50--									
--60--	10Y 5/1			massive					<p>Bioturbation: mainly Zoophytes and burrows? Chardals Sulfur specks</p>
--70--									
--80--									
--90--	88 7.5YR 5/1			gradational contact			minor ↓		
--100--	95			sharp contact			major ↓		95cm: sharp dipping contact
--110--	10Y 5/1			massive					
--120--									
--130--	129 7.5YR 5/1			sharp contact			minor ↓		
--140--									
--150--	146 10Y 5/1			sharp contact			major ↓		continue to the next section

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.					ED	28/11/11
-- 0 --							major lithology as before		
-- 10 --							10% s/s greenish gray Disturbation 3 (slightly) mainly zoophytes and large burrows		
-- 20 --							19cm: pyritised burrow		
-- 30 --							sulfur specks		
-- 40 --							39-40cm: pyritised burrow		
-- 50 --									
-- 60 --									
-- 70 --	10Y S/1 greenish gray	CLAY	AEDIAN SAND	massive	3				
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --							129cm: pyritised burrow		
-- 150 --							continue to the next section		

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

Depth	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
			Avg.	Max.						
--0--	slightly gas expansion occurred	10Y 5/1	d:H	d:H		3		nana-f	11/28/11	
--10--			clay	med. (forams)			0-2. continues from above 7A.			
--20--							2-15l. major lithology 10GY 5/1 clay, slightly bioturbated. mixed with greenish gray mottled.			
--30--							(10Y 5/1). scattered pyr-to granis' and med. from granis' clearly.			
--40--			10GY 5/1			41-43 43-45 pyrite P:pe (d=5mm)				
--50--		undisturbed								48-48 shell fragment.
--60--										
--70--										
--80--							3			
--90--						89. med filled burrows.				
--100--										
--110--										
--120--										
--130--										
--140--										
--150--										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: yasu	Date: 28/Nov/2011
			Avg.	Max.						
--0--		10Y 5/1	clay	Medium sand	Massive	3		Major lithology Greenish gray		
--10--		10Y 5/1	Clay	Medium sand	Massive	3		--13 Minor lithology Greenish gray		
--20--										
--30--										
--40--										
--50--		10Y 5/1			Bioturbated contact.	3		46 Major lithology Greenish gray Medium bedded.		
--60--										
--70--										
--80--										
--90--										
--100--										
--110--								105 106-110 cm CaCO ₃ 25%		
--120--										
--130--										
--140--										
--150--										

Gas expansion

IW

MAJOR LITHOLOGY:

MINOR LITHOLOGY:

	Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by: yasu	Date: 28/Nov./2011
			Avg.	Max.						
-- 0 --		10Y 5/1 Greenish gray	clay	Medium sand	Massive	3		Major lithology 10Y 5/1 Greenish gray Medium bedded 80%		
-- 10 --						3 zoophycos				
-- 20 --										
-- 30 --					○ Foram. speck.			Foraminifera speck ϕ 0.5mm		
-- 40 --										
-- 50 --		10Y 5/1	Clay	Medium sand.	Disturbed boundary Massive	3 zoophycos		----- 50 Minor lithology Greenish gray This part includes more foram. grain rather than Major Lith.		
-- 60 --								----- 61		
-- 70 --										
-- 80 --										
-- 90 --										
-- 100 --										
-- 110 --										
-- 120 --										
-- 130 --										
-- 140 --										
-- 150 --										

MAJOR LITHOLOGY:

MINOR LITHOLOGY:



Drilling disturb.	Color	Grain-size		Sed. struct. / contact	Bioturb.	Samples	Comments	Logged by:	Date:
		Avg.	Max.						
-- 0 --	10Y 5/1	clay	Medium sand.	Massive	BI: 3 Slightly		Major lithology: 10Y 5/1 Greenish gray BI: 3. (slightly) Medium bedded (?) 100% Sulfur specks are observed at lower part	Yasm.	28/Nov/2011
-- 10 --									
-- 20 --									
-- 30 --									
-- 33 --									
-- 40 --									
-- 50 --									
-- 60 --									
-- 70 --									
-- 80 --									
-- 90 --									
-- 100 --									
-- 110 --									
-- 120 --									
-- 130 --									
-- 140 --									
-- 150 --									

MAJOR LITHOLOGY:

MINOR LITHOLOGY: