

Depth (ft)	Gravel			Sand					Mud		Sorting			Lithology	Color	Structures	Remarks/Description	Lithofacies
	Cobble	Pebble	Granul	VC	C	M	FE	VF	Silt	Clay	P	M	G					
11086											X			Muddy sst	Grey and dark grey	Distorted bedding	Coarse to medium grained, moderately to poorly sorted, subrounded to subangular sandstone interbedded with sandstone having mud matrix and mudstone. Turbulent or gravity flow may be the reason for the distorted wavy-like bedform. At the bottom there are pebble sized fragments.	Slumped muddy sst
											X							Slumped muddy sst
											X							Slumped muddy sst
											X							Slumped muddy sst
											X							Slumped muddy sst
11087											X			Sst	Grey	Parallel lamination, fining upward	Medium to very coarse grained, parallel-stratified, moderately sorted, subrounded to subangular sandstone interbedded with finer grained sandstone with mud matrix.	Parallel stratified sst
											X							Parallel stratified sst
											X							Massive sst
											X							Massive sst
											X							Cross stratified sst
11088											X					Cross lamination	Coarse grained, cross laminated, well sorted, subrounded to subangular sandstone.	Cross stratified sst
MISSING SECTION																		
11089											X			Sst	Grey	Cross lamination	Coarse grained, cross laminated, well sorted, subrounded to subangular sandstone.	Cross stratified sst
											X					No structure	Coarse grained, cross laminated, poorly sorted, subrounded to subangular sandstone. Includes rounded and angular pebble sized clasts.	Cross stratified sst
											X						Medium to coarse grained, cross laminated, moderately sorted, subrounded to subangular sandstone	Cross stratified sst
											X			Congl.	Grey	No structure	Granule to pebble sized, poorly sorted, rounded to subangular conglomerate in a very coarse grained sandstone matrix. Convolute bedding exists partly in sand matrix, indicating soft sediment deformation.	Paraconglomerate
											X							Paraconglomerate
											X							Paraconglomerate
11090											X			Sst	Grey	Massive	Very coarse grained, massive, moderately to poorly sorted, rounded to subrounded sst. Includes granule to pebble sized grains.	Parallel stratified sst
											X							Parallel stratified sst
11091											X			Congl.	Green, grey, beige, purple, various colors	No structure	Pebble sized, poorly sorted, rounded to subangular conglomerate consisting of rock fragments. No matrix presents	Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X						Pebble to cobble sized, poorly sorted, rounded to subangular conglomerate consisting of rock fragments. No matrix presents	Orthoconglomerate
11092											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
11093											X							Orthoconglomerate
											X							Orthoconglomerate
											X							Orthoconglomerate
11094											X							Orthoconglomerate
											X			Sst	Grey	No structure. Parallel lamination	Upper part: Medium grained, parallel laminated, well sorted, well rounded sst. Lower part: Very coarse to medium grained, poorly sorted, subrounded to subangular sst.	Paraconglomerate
											X							Paraconglomerate
											X							Paraconglomerate
											X			Congl.	Grey to beige	No structure to parallel lamination	Upper part: Medium grained, parallel laminated, well sorted well rounded sst. Lower part: Granule to pebble sized, moderately sorted, subrounded to subangular conglomerate	Paraconglomerate
11095											X							Paraconglomerate
											X			Congl.	Grey	No structure	Granule to pebble sized, moderately sorted, subrounded to subangular conglomerate. Coarse grained sst is present as matrix	Paraconglomerate
											X							Paraconglomerate
											X			Sst to cong to sst	Beige	Cross lam to no str to parallel lam	Upper part: Medium grained, parallel laminated, well sorted, well rounded sst. Middle part: Pebble sized, poorly sorted, rounded to subangular conglomerate.	Parallel stratified sst
											X							Cross stratified sst
											X			Sst		Cross lamination	Medium grained, cross laminated, well sorted, well rounded sst	Paraconglomerate
11096											X							Paraconglomerate

Depth (ft)		Gravel	Sand	Mud	Sorting	Lithology	Color	Structures	Remarks/Description	Lithofacies	
		Cobble Pebble Granul	VC C M F VF	Silt Clay	P M G						
					X	Congl.	Green , grey, beige, purple, etc.	No structure	Pebble sized, poorly sorted, rounded to subangular conglomerate consisting of rock fragments. Fine to coarse grained, well sorted, well rounded sst present as matrix.	Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
11097					X					Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
11098					X					Paraconglomerate	
MISSING SECTION											
11099					X	Congl.	Green , grey, beige, purple, etc.	No structure	Pebble sized, poorly sorted, rounded to subangular conglomerate consisting of rock fragments. Coarse grained, well sorted, well rounded sst presents as matrix. At the bottom, there is a scoured surface separating this unit from the underlying medium grained cross bedded sst.	Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
					X					Paraconglomerate	
11100					X	Sst	Grey	Cross lamination. Amalgamation surface	Medium grained, cross laminated, well sorted, well rounded sst. Observable porosity.	Cross stratified sst	
					X			Cross lamination	Medium grained, cross laminated, well sorted, well rounded sst. Includes 2cm thick layer consisting of subrounded to subangular, pebble and granule grains. The overall sorting is poor. There is an amalgamation surface separating this sst from underlying sst lacking of pebbles and granules.	Cross stratified sst	
					X		Beige		Cross lamination	Medium grained, cross laminated, well sorted, well rounded sst.	Cross stratified sst
11101					X			Cross stratified sst			
					X					Cross stratified sst	
11102					X	Congl.	Various	No structure	Pebble sized, poorly sorted, rounded to subangular conglomerate with very coarse grained sandstone matrix Very coarse grained, moderately to poorly sorted, subangular to subrounded sst. Includes subangular to subrounded granules and pebbles.	Paraconglomerate	
					X					Paraconglomerate	
					X	Sst	Beige	Parallel lamination	Medium grained, parallel laminated, well sorted, well rounded sst. There are some pyrite nodules.	Parallel stratified sst	
					X	Mudstone	Dark grey	Parallel lamination		Parallel laminated mudstone	
					X	Grey		Massive	Very coarse grained, massive, moderately to poorly sorted, rounded to subrounded sst. There is an amalgamation surface separating the very coarse sandstone from underlying medium grained sandstone.	Massive sst	
					X			Massive. Amalgamation surface	Massive sst		
11103					X	Sst	Beige	Cross lamination	Medium grained, low angle cross laminated, well sorted, well rounded sst.	Cross stratified sst	
					X					Cross stratified sst	
					X			Parallel lamination		Medium grained, parallel laminated, well sorted, well rounded sst. Occasionally there are some water escape structures	Parallel stratified sst
11104					X						Parallel stratified sst
					X			Parallel lamination			Parallel stratified sst
					X						Parallel stratified sst
					X			Cross lamination			Cross stratified sst
11105					X						Cross stratified sst
					X	Amalgamation surface. Cross lamination		Medium grained, parallel laminated, well sorted, well rounded sst.	Cross stratified sst		
11106					X				Parallel stratified sst		
					X	Grey		Medium grained, parallel laminated, moderately sorted, well rounded sst. Includes subrounded to subangular granules and pebbles.	Granule-pebble bearing sst		
					X				Granule-pebble bearing sst		
MISSING SECTION											
11107					X			Bioturbation. Parallel lamination	Medium grained, parallel laminated, well sorted, well rounded sst.	Parallel stratified sst	
					X			Fluidization. Massive			Massive sst
					X	Massive sst					

Depth (ft)	Gravel			Sand					Mud			Sorting			Lithology	Color	Structures	Remarks/Description	Lithofacies
	Cobble	Pebble	Gravel	VC	C	M	F	VF	Silt	Clay		P	M	G					
																	Bioturbation. Fluidization		Massive sst
																	Bioturbation. Parallel lamination	Fine grained, massive, occasionally parallel bedded, well sorted, well rounded sst. Partly, there are some mudstone layers disturbed due to bioturbation. Occasionally, there are structures that are evidence for fluidization.	Parallel stratified sst
11108																	Bioturbation		Parallel stratified sst
																	Bioturbation. Wavy bedding		Bioturbated sst
																	Bioturbation		Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11109																	Bioturbation. Parallel lamination	Fine grained, well sorted, well rounded sst and mudstone alternation. Bedding is disturbed due to bioturbation.	Bioturbated muddy sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11110																	Bioturbation		Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated muddy sst
																			Bioturbated muddy sst
11111																	Bioturbation	Fine grained, massive to bioturbated, well sorted, well rounded sst.	Bioturbated sst
																	Massive. Bioturbation		Massive sst
																			Massive sst
																	Massive. Bioturbation. Fluidization		Massive sst
																			Bioturbated sst
11112																	Massive. Bioturbation		Bioturbated sst
																			Bioturbated sst
																	Bioturbation. Parallel lamination		Parallel stratified sst
																			Parallel stratified sst
																			Bioturbated sst
11113																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11114																	Massive. Bioturbation		Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11115																	Cross lamination	Medium grained, cross laminated, well sorted, well rounded sst.	Cross stratified sst
																	Massive. Bioturbation. Fluidization		Bioturbated sst
																	Massive. Bioturbation		Bioturbated sst
																	Massive. Bioturbation. Fluidization		Bioturbated sst
11116																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11117																	Massive. Bioturbation; small muddy parts		Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11118																		Fine grained, massive, bioturbated, well sorted, well rounded sst. Occasionally there are some water escape structures.	Bioturbated sst
																	Massive. Bioturbation		Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
																			Bioturbated sst
11119																	Bioturbation. Dish structures		Bioturbated sst
																	Massive. Bioturbation		Bioturbated sst
																	Bioturbation. Dish structures		Bioturbated sst
																			Bioturbated sst
																	Massive. Bioturbation		Bioturbated sst

Depth (ft)		Gravel		Sand			Mud	Sorting	Lithology	Color	Structures	Remarks/Description	Lithofacies
		Cobble Pebble	Granul	VC	C	M	F						
11120													Bioturbated sst
													Bioturbated sst
													Bioturbated sst
													Bioturbated muddy sst
													Bioturbated sst
													Bioturbated sandy mud
11121													Bioturbated muddy sst
													Bioturbated muddy sst
													Bioturbated muddy sst
													Bioturbated muddy sst
													Bioturbated muddy sst
11122													Bioturbated muddy sst
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Depth (ft)	Gravel			Sand			Mud		Sorting		Lithology	Color	Structures	Remarks/Description	Lithofacies	
	Cobble	Pebble	Granul	VC	C	M	F	VF	Silt	Clay						P
11132										X		Sst	Grey and dark grey	Bioturbation. Fluidization		Massive sst
										X				Bioturbation		Bioturbated muddy sst
										X		Muddy sst	Grey and dark grey	Parallel bedding. Bioturbation		Bioturbated muddy sst
										X						Bioturbated muddy sst
										X		Sst	Grey and dark grey			Parallel stratified sst
11133										X						Bioturbated muddy sst
										X				Bioturbation		Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X		Muddy sst	Grey and dark grey			Bioturbated muddy sst
11134										X						Bioturbated muddy sst
										X				Bioturbation. Sand filled burrows		Bioturbated muddy sst
										X				Bioturbation		Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11135										X		Sst	Grey	Bioturbation. Massive	Fine grained, massive, well sorted, well rounded sst.	Massive sst
										X			Grey			Massive sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11136										X		Muddy sst	Grey and dark grey	Bioturbation	Very fine grained, well sorted, well rounded sst and mudstone alternation. Bioturbation gives rise to wavy to lenticular bedding.	Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X			Grey and dark grey	Bioturbation		Bioturbated sst
11137										X				Parallel lamination. Flaser bedding	Fine grained, cross to parallel laminated, well sorted, well rounded sst. There are some mud drapes leading to flaser bedding.	Parallel stratified sst
										X				Cross lamination. Flaser bedding		Cross stratified sst
										X						Cross stratified sst
										X				Cross lamination	Fine grained, cross laminated, well sorted, well rounded sst.	Cross stratified sst
11138										X						Cross stratified sst
										X		Muddy sst	Grey and dark grey	Bioturbation. Wavy bedding	Very fine grained, well sorted, well rounded sst and mudstone alternation.	Bioturbated muddy sst
										X			Grey	Cross lamination	Fine grained, cross laminated, well sorted, well rounded sst.	Cross stratified sst
										X			Grey and dark grey			Cross stratified sst
										X				Parallel bedding. Bioturbation		Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11140										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11141										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11142										X				Bioturbation		Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11143										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
										X						Bioturbated muddy sst
11144										X					Very fine grained, well sorted, well rounded sst and mudstone alternation. Lamination/bedding is disturbed due intense bioturbation. In some parts, bioturbation gives rise to wavy to lenticular bedding.	Bioturbated muddy sst

Depth (ft)	Gravel			Sand			Mud		Sorting		Lithology	Color	Structures	Remarks/Description	Lithofacies	
	Cobble	Pebble	Granul	VC	C	M	F	VF	Silt	Clay						P
11145																
11146																
11147																
11148																
11149																
11150																
11151																
MISSING SECTION																
11152																
11153																
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