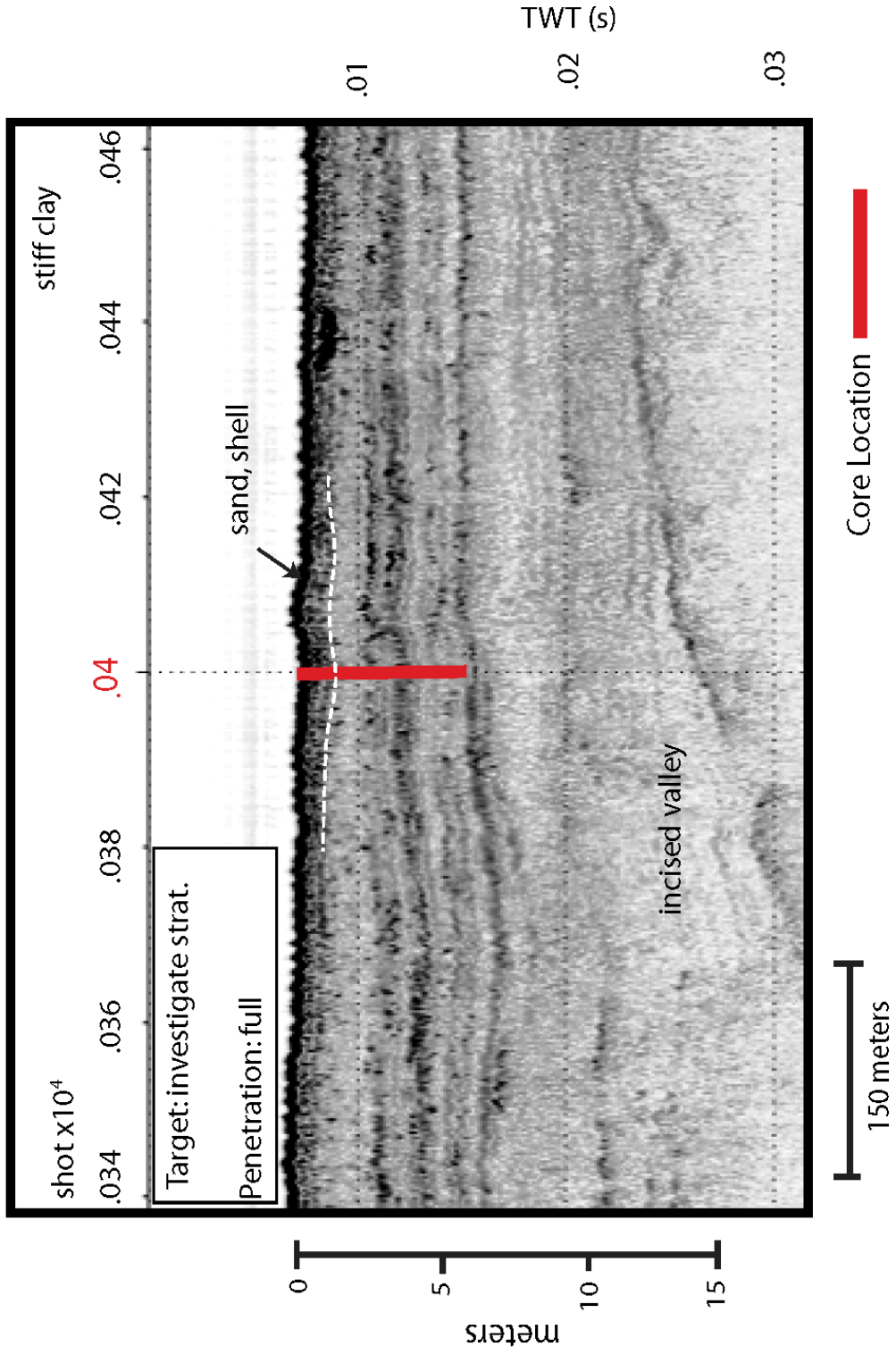


# Project: 09CCT02

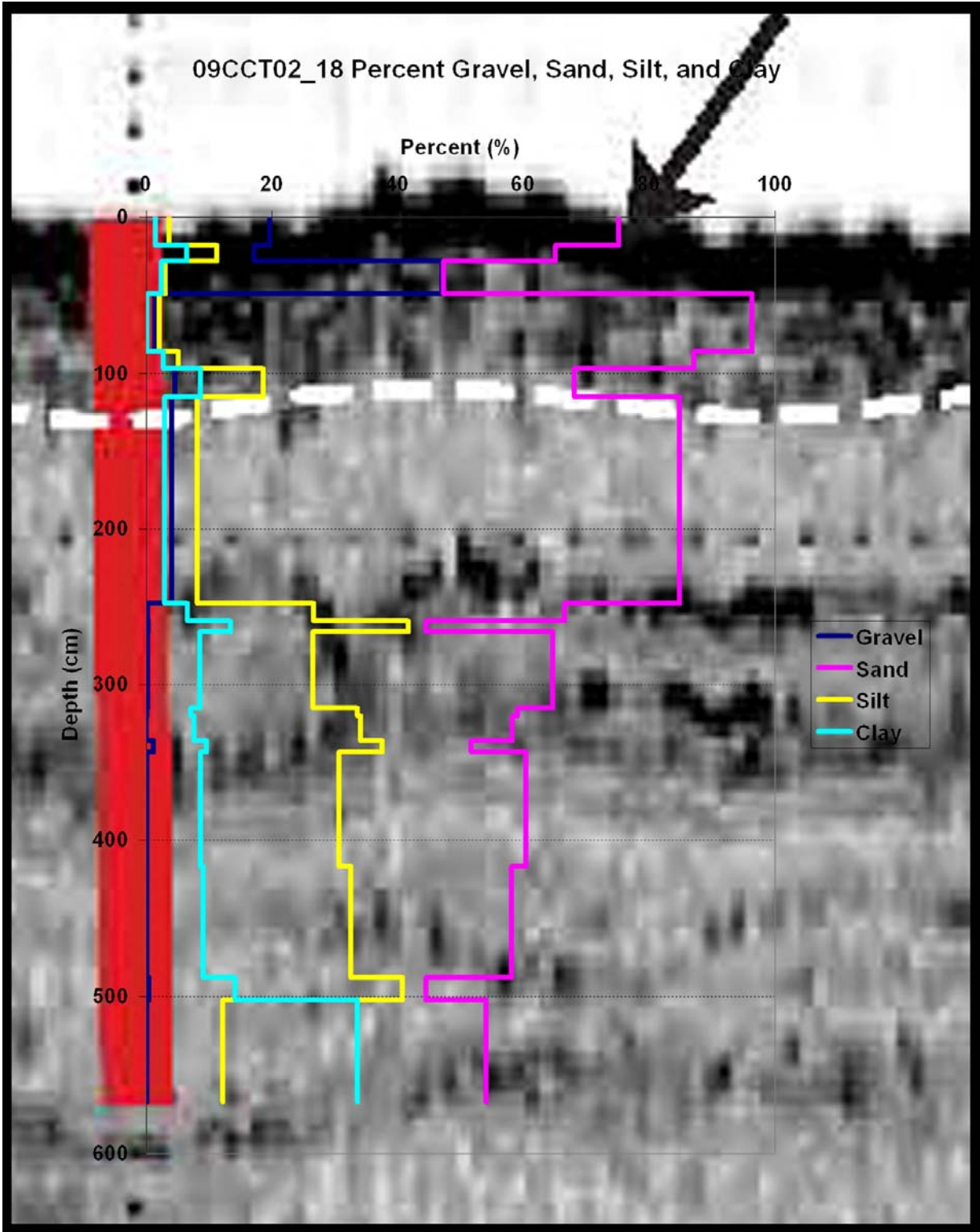
Transect: 09C20

Core: 09CCT02\_18

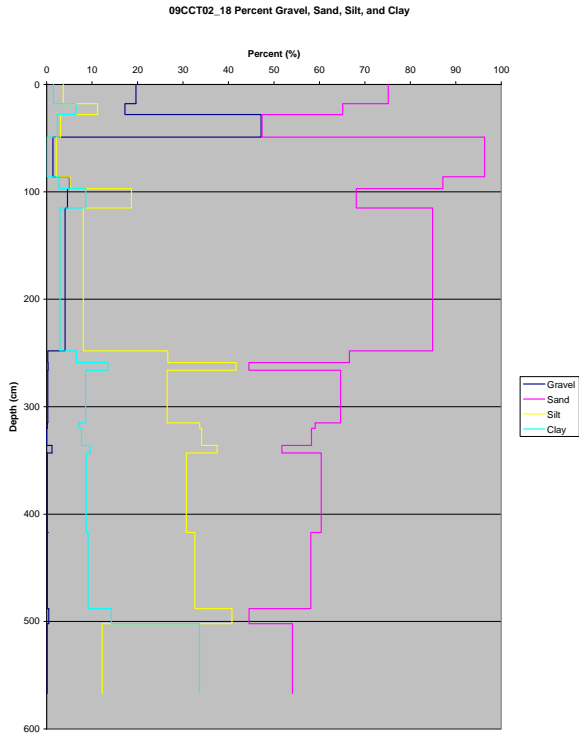
Core Length (m) : 5.66



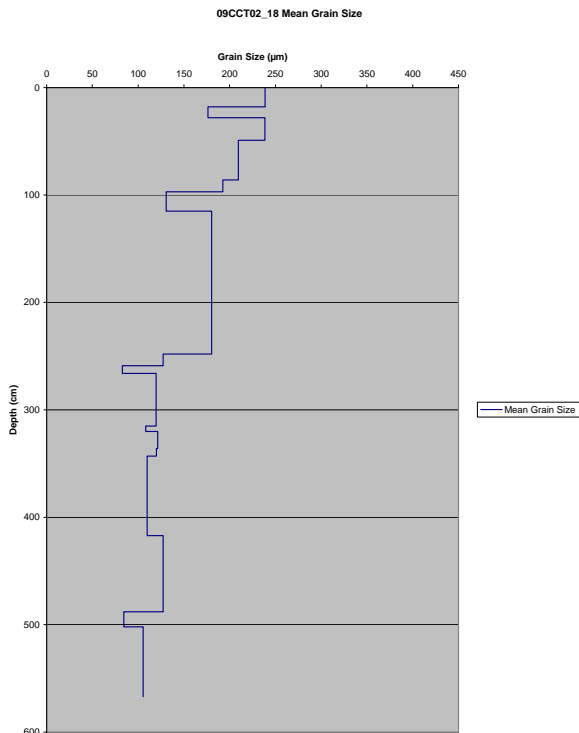
09CCT02\_18 Seismic



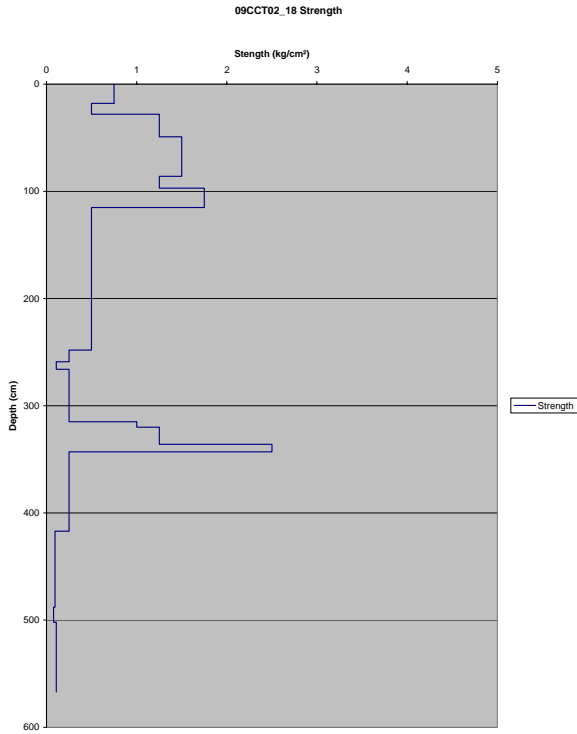
# 09CCT02\_18 Percent Grain Size Distribution Graph



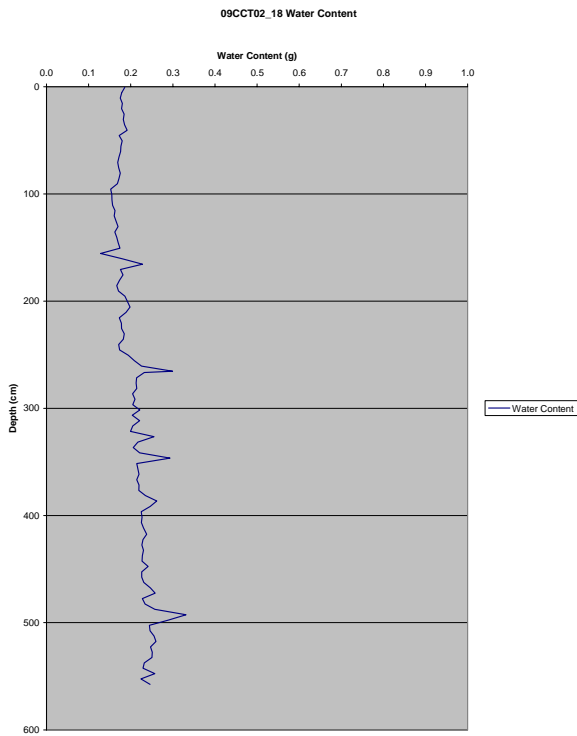
# 09CCT02\_18 Mean Grain Size Distribution



# 09CCT02\_18 Strength Graph



# 09CCT02\_18 Water Content Graph



09CCT02\_18 Grain Size Sand Percent Table

09CCT02_18 Grain Size Sand Percent											
Depth (cm)	63-257 µm (%)	257-451 µm (%)	451-645 µm (%)	645-839 µm (%)	839-1033 µm (%)	1033-1227 µm (%)	1227-1421 µm (%)	1421-1615 µm (%)	1615-1809 µm (%)	1809-2000 µm (%)	Total (%)
10-15	69.31	24.24	2.61	0.62	0.79	0.82	0.68	0.49	0.29	0.16	100
20-25	72.80	24.32	2.05	0.08	0.16	0.19	0.17	0.12	0.07	0.04	100
35-40	65.10	26.75	4.12	1.18	0.88	0.74	0.55	0.37	0.20	0.12	100
70-75	73.88	24.76	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
95-97	75.71	23.54	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
105-110	84.99	14.76	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
185-190	77.12	22.17	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
250-255	86.29	11.63	0.55	0.25	0.35	0.33	0.26	0.17	0.11	0.06	100
260-265	88.82	9.72	0.71	0.16	0.17	0.15	0.11	0.08	0.05	0.02	100
286-291	88.11	9.78	0.54	0.35	0.38	0.32	0.23	0.15	0.09	0.05	100
316-320	89.90	8.18	0.34	0.31	0.38	0.33	0.25	0.16	0.10	0.05	100
326-331	85.11	11.09	0.83	0.53	0.69	0.64	0.49	0.34	0.18	0.11	100
341-343	83.62	10.16	1.21	1.07	1.17	1.02	0.76	0.53	0.28	0.17	100
396-401	89.26	8.87	0.42	0.32	0.36	0.30	0.21	0.13	0.08	0.04	100
452-457	85.30	8.45	1.22	1.25	1.22	0.98	0.70	0.48	0.25	0.15	100
497-502	89.92	7.94	0.49	0.41	0.42	0.33	0.23	0.14	0.08	0.04	100
557-562	89.17	7.69	0.35	0.66	0.70	0.56	0.39	0.26	0.13	0.08	100

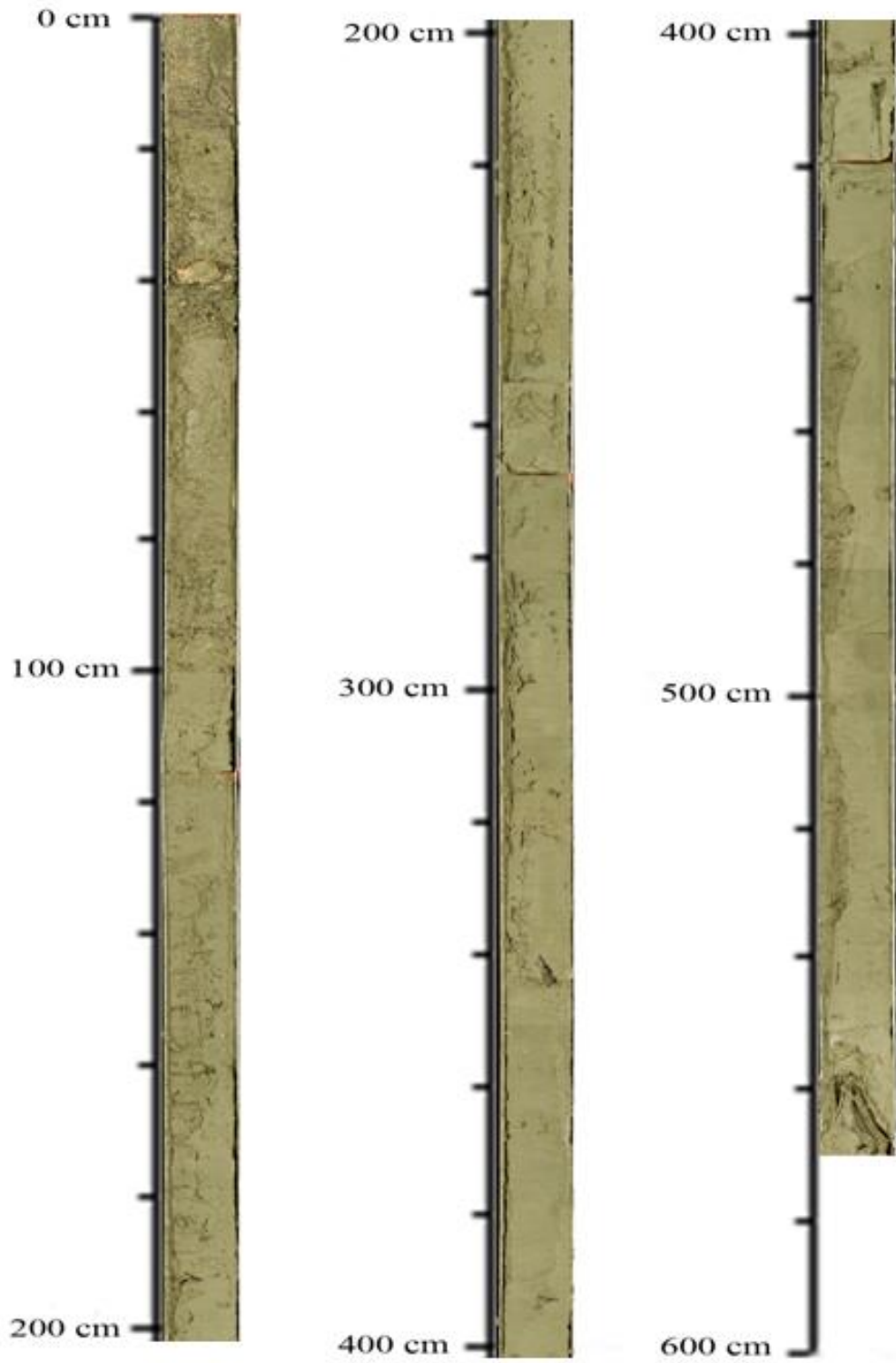
09CCT02-18											
Depth (cm)	63-82µm (%)	82-101µm (%)	101-120µm (%)	120-139µm (%)	139-158µm (%)	158-177µm (%)	177-196µm (%)	196-215µm (%)	215-234µm (%)	234-257µm (%)	Total (%)
10-15	10.24	9.93	11.22	12.35	13.08	13.13	12.13	9.79	2.03	6.11	100
20-25	9.97	9.71	11.02	12.18	12.98	13.12	12.24	10.01	2.38	6.40	100
35-40	11.22	10.72	11.94	12.93	13.44	13.17	11.75	8.95	0.93	4.96	100
70-75	10.85	10.66	12.11	13.30	13.91	13.57	11.89	8.68	0.65	4.37	100
95-97	10.57	10.46	11.95	13.19	13.85	13.58	11.96	8.84	0.96	4.64	100
105-110	6.58	6.82	8.19	9.64	11.04	12.17	12.76	12.48	9.17	11.15	100
185-190	9.36	9.25	10.63	11.89	12.82	13.11	12.41	10.37	3.17	6.99	100
250-255	5.08	5.35	6.56	7.97	9.50	11.07	12.55	13.69	14.03	14.22	100
260-265	3.97	4.20	5.21	6.43	7.88	9.59	11.60	13.98	20.30	16.83	100
286-291	4.49	4.84	6.06	7.53	9.18	10.96	12.73	14.21	14.94	15.06	100
316-320	3.86	4.22	5.34	6.72	8.33	10.15	12.14	14.23	18.64	16.36	100
326-331	4.72	4.93	6.01	7.25	8.62	10.09	11.64	13.30	18.15	15.29	100
341-343	4.36	4.56	5.58	6.78	8.14	9.66	11.38	13.41	20.05	16.07	100
396-401	4.12	4.47	5.65	7.08	8.72	10.56	12.50	14.36	16.68	15.85	100
452-457	3.91	4.24	5.36	6.73	8.35	10.21	12.26	14.40	18.12	16.43	100
497-502	3.67	4.00	5.07	6.38	7.93	9.73	11.81	14.18	20.31	16.93	100
557-562	4.12	4.59	5.89	7.45	9.22	11.12	12.96	14.44	15.04	15.18	100

09CCT02\_18 Tables

Mean Grain Size 09CCT02-18	
Depth (cm)	Mean Grain Size ( $\mu\text{m}$ )
10-15	238.76
20-25	176.35
35-40	238.49
70-75	209.39
95-97	192.48
105-110	130.72
185-190	180.29
250-255	127.21
260-265	82.71
286-291	119.66
316-320	108.25
326-331	121.38
341-343	119.95
396-401	109.93
452-457	127.34
497-502	84.28
557-562	105.55

Strength 09CCT02-18	
Interval (cm)	Strength ( $\text{kg}/\text{cm}^2$ )
0-18	0.7500
18-28	0.5000
28-49	1.2500
49-86	1.5000
86-97	1.2500
97-115	1.7500
0-133	0.5000
133-144	0.2500
144-151	0.1094
0-49	0.2500
49-54	1.0000
54-70	1.2500
70-77	2.5000
77-151	0.2500
0-71	0.0938
71-85	0.0781
85-150	0.1094

09CCT02\_18 Core Pictures





09CCT02\_18 Core Log

Core#: 09CCT02-18-01

Core Date: 18-Jun-09

Date Split/subsampled	Length: <u>115 cm</u>
<u>24-Jun-09</u>	E: <u>416000</u>
	N: <u>3254844</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-18 cm		0-18 cm very dark brown wet sand w/sparse shell
5-10	10YR		
10-15	2/1		
15-18			
18-20			
20-25	18-28 cm		18-28 cm Dark brown wet sand w/sparse shell
25-28	10YR		
28-30	3/1		
30-35	28-49 cm		28-49 cm shell w/dark brown sand
35-40	10YR		
40-45	3/1		
45-49			
49-50	49-86 cm		49-86 cm Dark brown sand w/sparse shell
50-55	10YR		
55-60	3/1		
60-65			
65-70	86-97 cm		86-97 cm shells w/dark brown sand
70-75	10YR		
75-80	2/1		
80-85			
85-86	97-115 cm		97-115 cm Dark brown sand w/sparse shell
86-90	10YR		
90-95	3/1		
95-97			
97-100			
100-105			
105-110			
110-115			

09CCT02\_18 Core Log

Core#: 09CCT02-18-02

Core Date: 18-Jun-09

Date Split/subsampled	Length: <u>151cm</u>
<u>24-Jun-09</u>	E: <u>416000</u> N: <u>3254844</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
115-120	115-248cm		115-248 cm Dark grey Compacted sand w/sparse shell
120-125	Gley 2		
125-130	4/5 B		
130-135	248-259cm		248-259 cm Dark grey Compacted silty sand w/sparse shell
135-140	Gley 2		
140-145	3/5 BG		
145-150	259-266cm		259-266 cm Dark grey Compacted silt
150-155	Gley 2		
155-160	3/10 BG		
160-165			
165-170			
170-175			
175-180			
180-185			
185-190			
190-195			
195-200			
200-205			
205-210			
210-215			
215-220			
220-225			
225-230			
230-235			
235-240			
240-245			
245-248			
248-250			
250-255			
255-259			
259-260			
260-265			

09CCT02\_18 Core Log

Core#: 09CCT02-18-03

Core Date: 18-Jun-09

Date Split/subsampled	Length: 151 cm
<u>24-Jun-09</u>	E: <u>416000</u> N: <u>3254844</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
266-271	266-315 cm		266-315 cm Dark grey
271-276	Gley 2		Compacted silty sand w/ sparse shells
276-281	3/10 BG		
281-286	315-320 cm		315-320 cm Dark grey sand
291-296	Gley 2		
296-301	4/5 B		
301-306			
306-311	320-336 cm		320-336 cm Dark grey silty clay
311-315	Gley 2		
315-316	3/5 BG		
316-320	336-343 cm		336-343 cm Dark grey silty sand w/ sparse shell
320-321	Gley 2		
321-326	3/10 BG		
326-331	343-417 cm		343-417 cm Dark grey compacted silty clay w/ sparse shell
331-336	Gley 2		
336-341	4/10 B		
341-343			
343-346			
346-351			
351-356			
361-366			
366-371			
371-376			
376-381			
381-386			
386-391			
391-396			
396-401			
401-406			
406-411			
411-416			
416-417			

09CCT02\_18 Core Log

Core#: 09CCT02-18-04

Core Date: 18-Jun-09

Date Split/subsampled	Length: <u>150 cm</u>
<u>24-Jun-09</u>	E: <u>416000</u>
	N: <u>3254844</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
417-422	417-488cm		417-488 cm Dark grey compacted sandy silt
422-427	Gley 2		
427-432	3/5 BG		
432-437	488-502cm		488-502 cm Dark grey compacted silty clay
437-442	Gley 2		
442-447	4/5 B		
447-452	502-567cm		502-567 cm Dark grey compacted sandy silt
452-457	Gley 2		
457-462	4/5 BG		
462-467			
467-472			
472-477			
477-482			
482-487			
487-488			
488-492			
492-497			
497-502			
502-507			
507-512			
512-517			
517-522			
522-527			
527-532			
532-537			
537-542			
542-547			
547-552			
552-557			
557-562			
562-567			