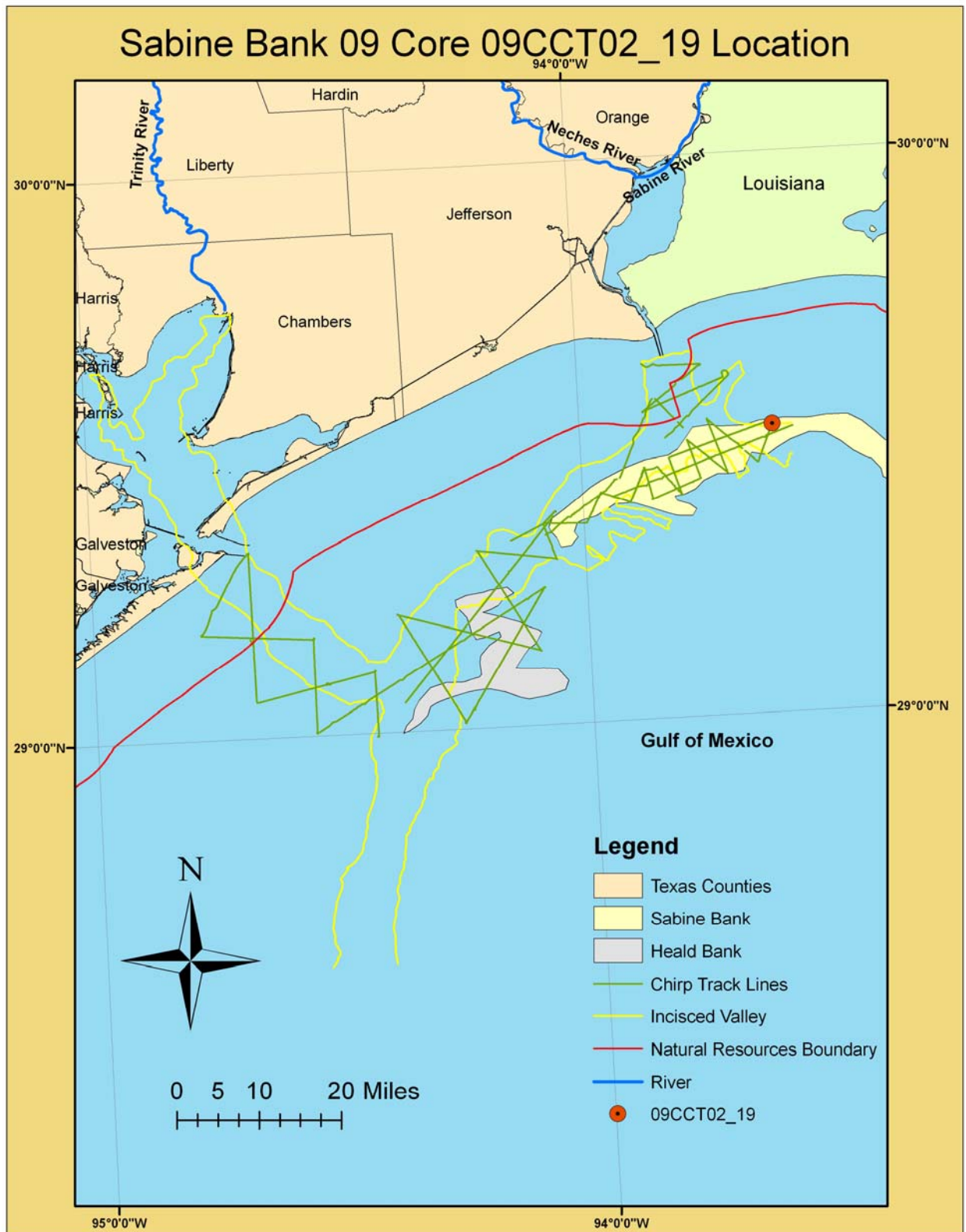


09CCT02_19 Core Location

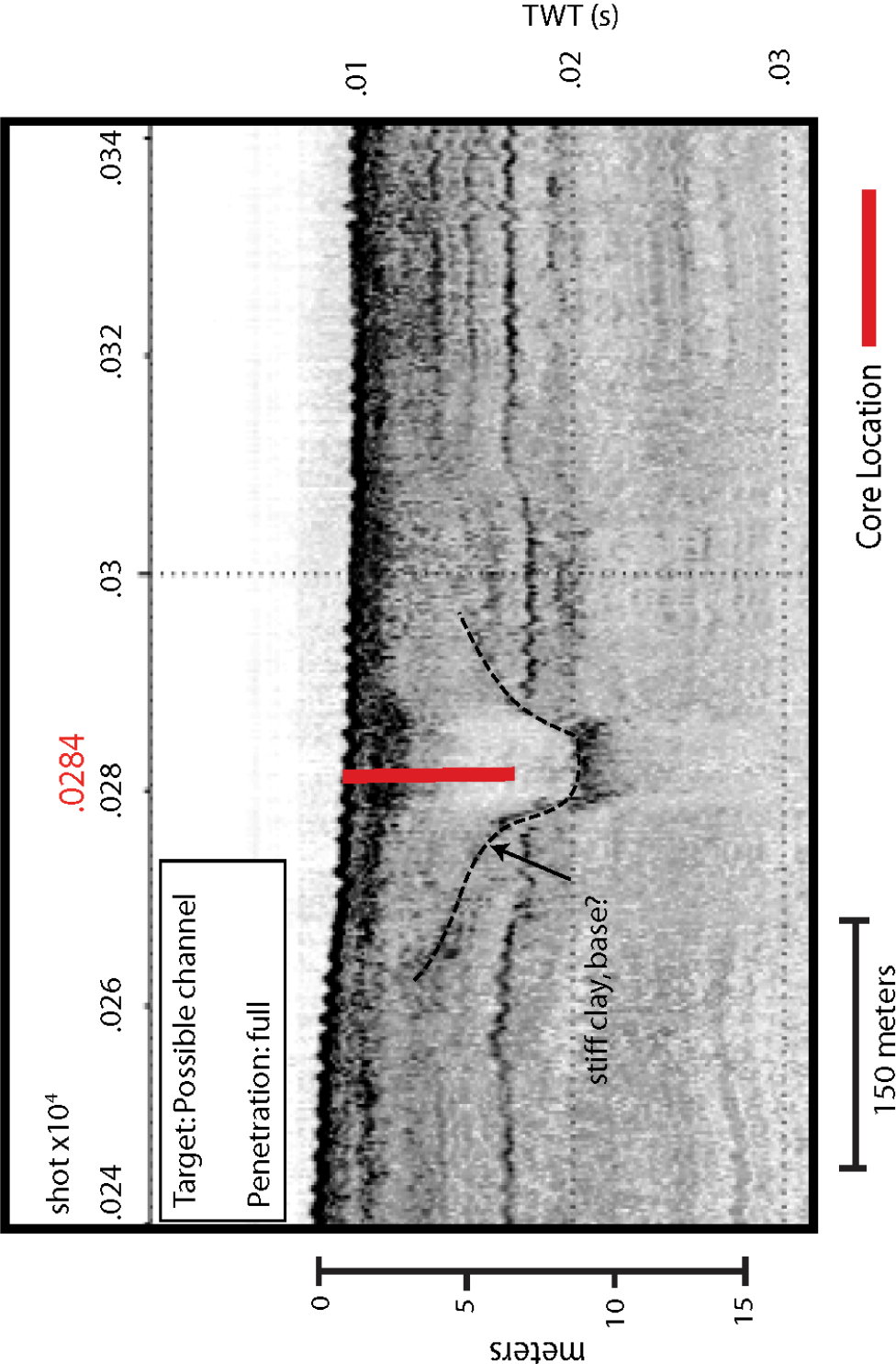


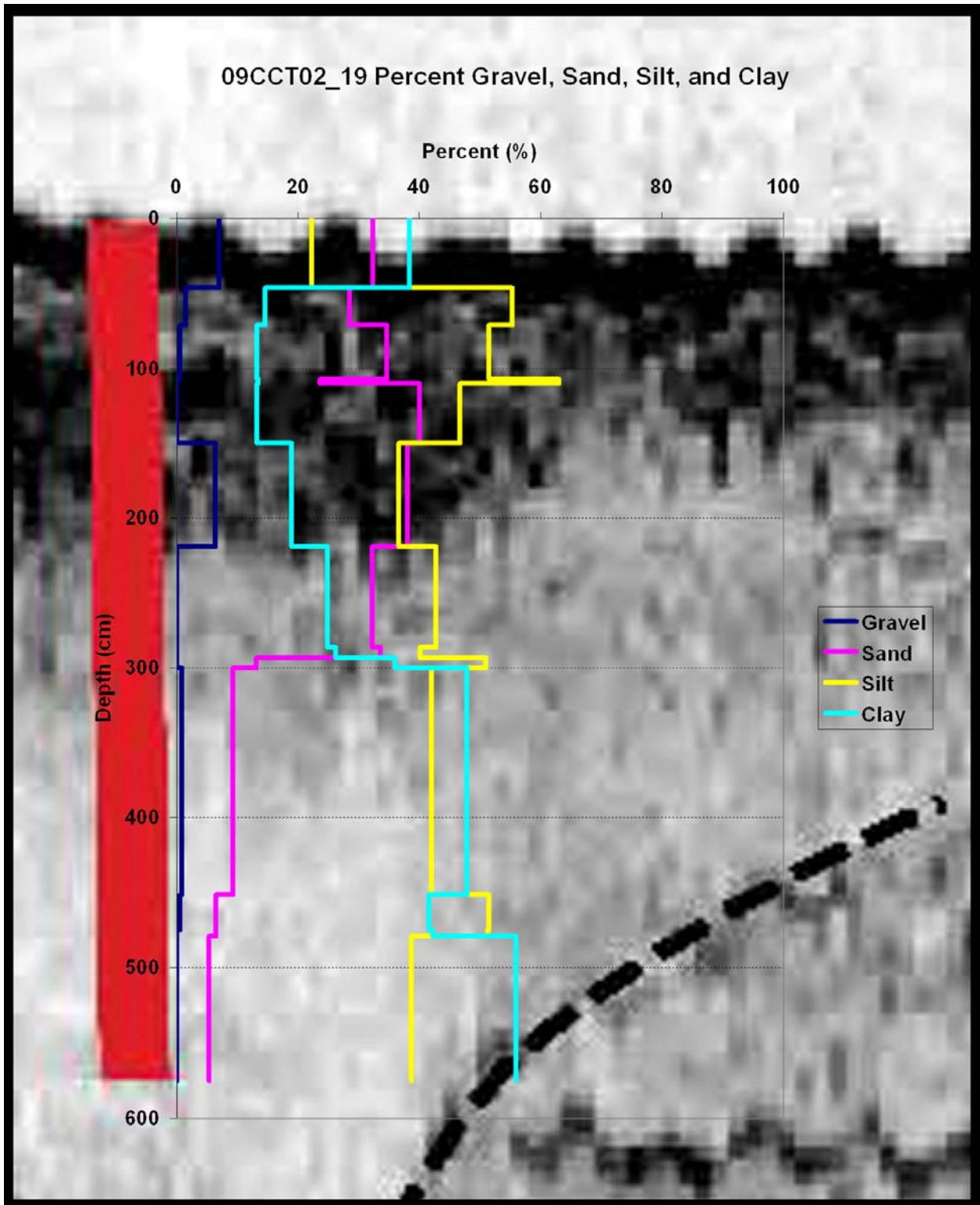
Project: 09CCT02

Transect: 09C29

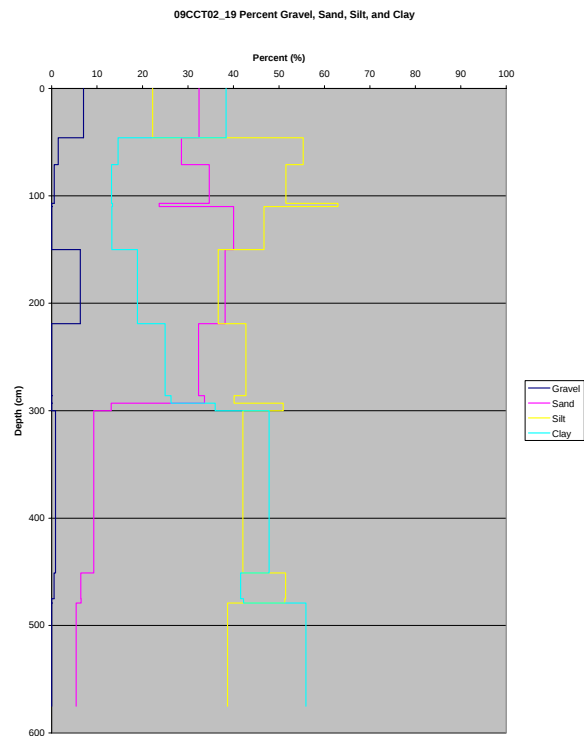
Core: 09CCT02_19

Core Length (m): 5.74

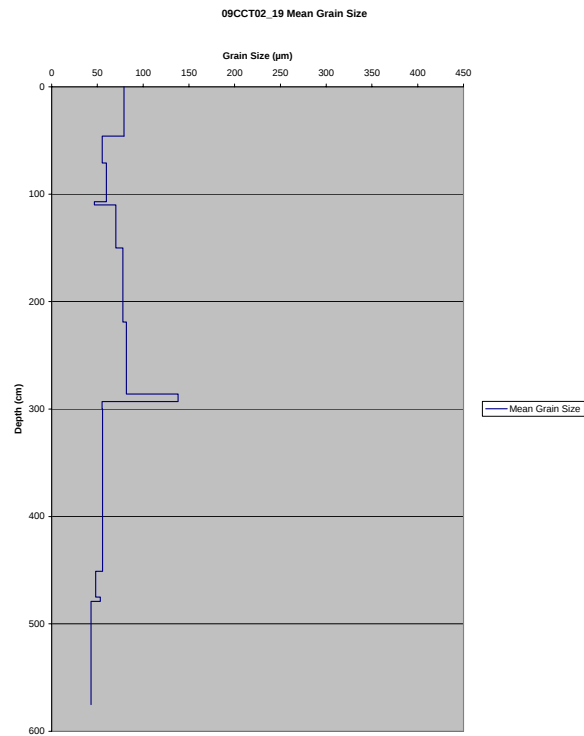




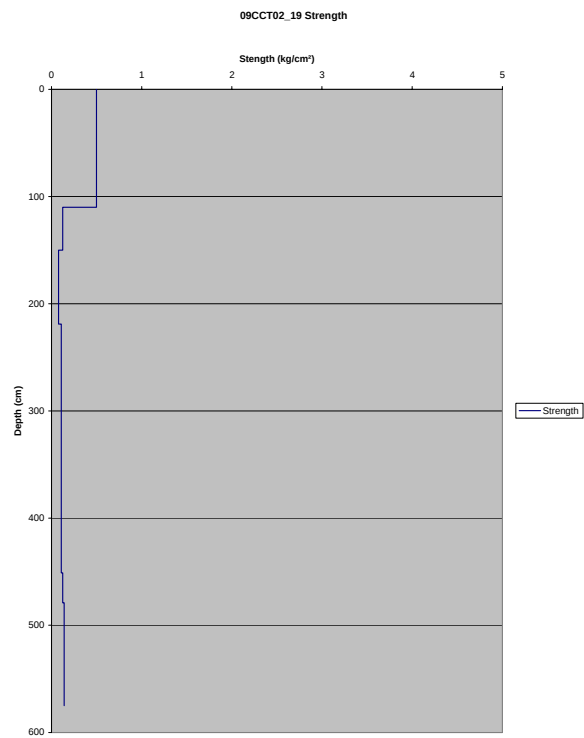
09CCT02_19 Percent Grain Size Distribution Graph



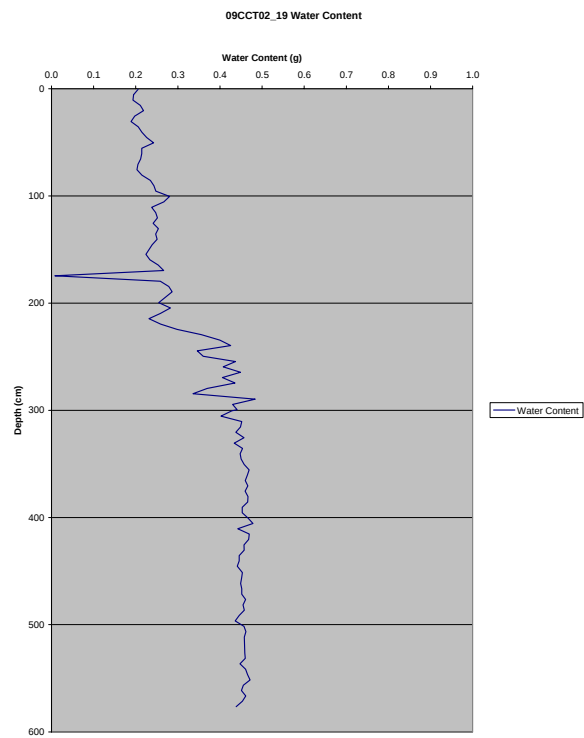
09CCT02_19 Mean Grain Size Distribution



09CCT02_19 Strength Graph



09CCT02_19 Water Content Graph



09CCT02_19 Grain Size Sand Percent

09CCT02 19 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 (%)
15-20	79.74	15.20	2.51	0.62	0.48	0.47	0.41	0.30	0.19	0.10	100
60-65	91.34	7.59	1.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	100
95-100	93.29	5.34	1.23	0.14	0.00	0.00	0.00	0.00	0.00	0.00	100
107-110	94.23	4.84	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
135-140	91.41	7.99	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
205-210	89.79	8.40	0.09	0.33	0.42	0.37	0.28	0.18	0.11	0.05	100
265-270	79.47	11.32	2.93	1.92	1.53	1.14	0.78	0.50	0.25	0.15	100
286-290	52.39	16.29	11.04	7.78	5.18	3.28	1.98	1.18	0.56	0.32	100
295-300	68.60	7.06	4.48	4.91	4.67	3.84	2.82	1.95	1.04	0.63	100
375-380	52.18	7.08	6.77	7.58	7.49	6.56	5.15	3.77	2.12	1.29	100
466-471	33.67	7.85	13.30	13.79	11.41	8.29	5.47	3.48	1.73	1.00	100
475-476	29.38	6.04	11.59	13.96	12.94	10.21	7.18	4.77	2.47	1.47	100
556-561	32.38	9.55	12.19	12.49	10.95	8.59	6.13	4.18	2.21	1.32	100

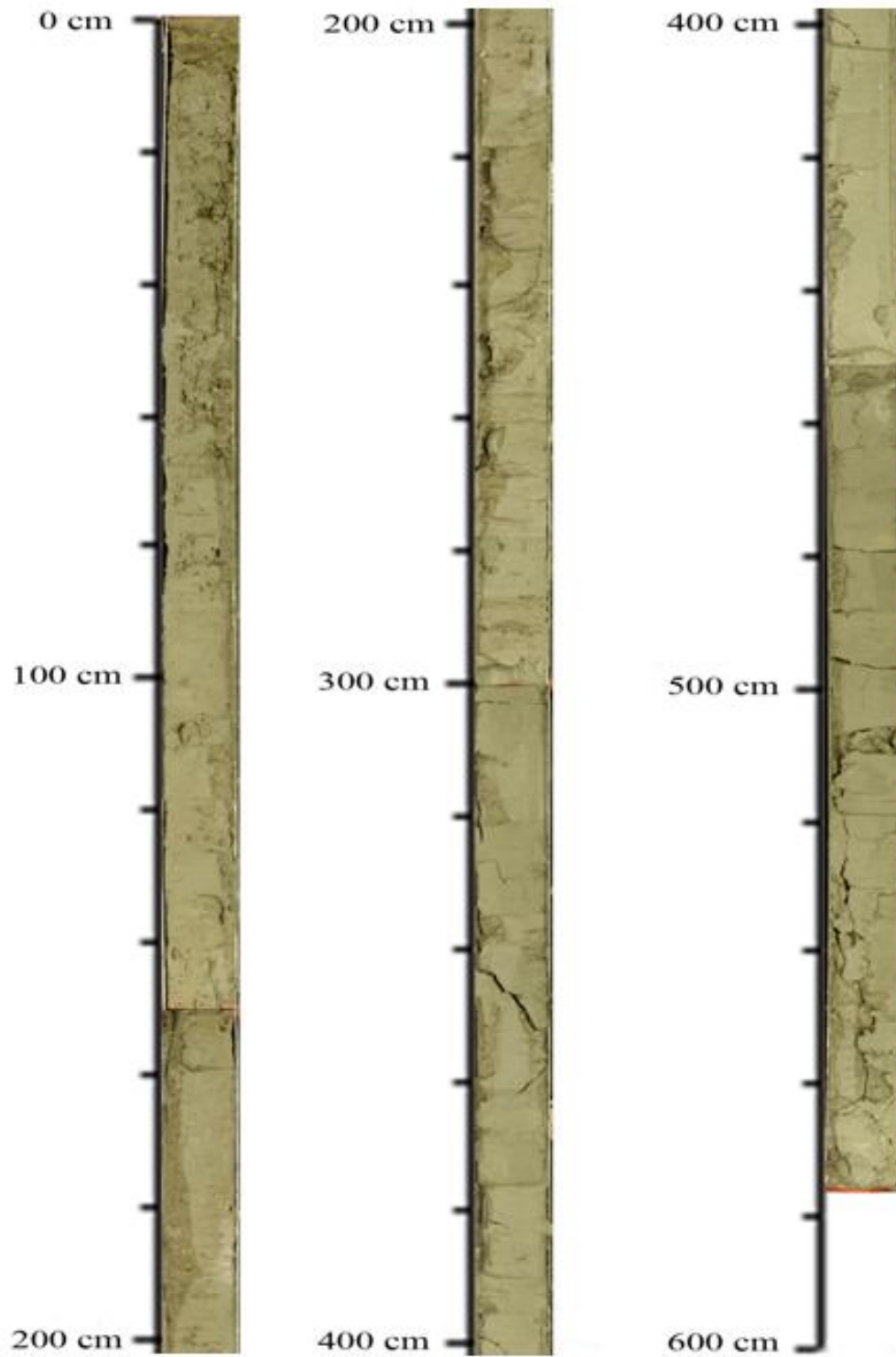
09CCT02-19											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
15-20	5.09	4.93	5.64	6.44	7.36	8.51	10.13	12.63	22.63	16.63	100
60-65	2.30	2.29	2.74	3.37	4.31	5.84	8.52	13.31	35.61	21.72	100
95-100	1.32	1.32	1.65	2.22	3.22	5.03	8.35	14.21	38.65	24.04	100
107-110	0.94	0.84	0.96	1.23	1.87	3.32	6.42	12.73	46.77	24.91	100
135-140	3.02	3.16	3.89	4.83	6.04	7.69	10.08	13.75	28.05	19.50	100
205-210	4.21	4.60	5.82	7.27	8.91	10.68	12.47	14.08	16.57	15.37	100
265-270	4.32	4.46	5.45	6.66	8.10	9.80	11.76	13.97	19.09	16.39	100
286-290	5.28	4.92	5.57	6.43	7.55	9.03	10.99	13.52	20.11	16.59	100
295-300	2.62	2.72	3.38	4.26	5.47	7.21	9.81	13.83	30.50	20.19	100
375-380	2.71	2.81	3.53	4.55	5.98	7.93	10.64	14.31	28.02	19.53	100
466-471	0.51	0.55	0.87	1.65	3.22	5.14	8.27	13.64	42.99	23.15	100
475-476	0.26	0.00	0.16	1.10	2.89	4.73	7.67	13.18	46.48	23.53	100
556-561	2.58	1.67	0.98	1.09	2.93	4.31	6.55	11.55	46.52	21.83	100

09CCT02_19 Tables

Mean Grain Size 09CCT02-19	
Depth (cm)	Mean Grain Size (μm)
15-20	79.083
60-65	55.362
95-100	59.982
107-110	46.889
135-140	70.188
205-210	77.965
265-270	81.727
286-290	138.12
295-300	55.267
375-380	55.659
466-471	48.042
475-476	53.233
556-561	43.083

Strength 09CCT02-19	
Interval (cm)	Strength (kg/cm ²)
0-46	0.5000
46-71	0.5000
71-107	0.5000
107-110	0.5000
110-150	0.1250
0-69	0.0781
69-136	0.1094
136-143	0.1094
143-150	0.1094
0-151	0.1094
0-24	0.1250
24-28	0.1250
28-124	0.1406

09CCT02_19 Core Pictures



09CCT02_19 Core Log

Core#: 09CCT02-19-01

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>150cm</u>
<u>07-Jul-09</u>	E: <u>440931</u>
	N: <u>3265071</u>

Grain Size Samples:		Munsell Soil Color	Depths Sampled	Description:
0-5		0-46cm		0-46cm Dark grey sand
5-10		Gley 2		w/sparse shell
10-15		4/5B		
15-20		46-71cm		46-71cm Dark grey silt
20-25		Gley 2		w/0.5cm layers of sand
25-30		4/10 BG		
30-35		71-107cm		71-107cm Dark grey sandy
35-40		Gley 2		silt w/ sparse shell
40-45		4/10B		
46-50		107-110cm		107-110cm Dark grey sand
50-55		Gley 2		
55-60		4/10B		
60-65		110-150cm		110-150cm Dark grey sandy
65-70		Gley 2		silt
71-75		4/10G		
75-80				
80-85				
85-90				
90-95				
95-100				
100-105				
105-107				
107-110				
110-115				
115-120				
120-125				
125-130				
130-135				
135-140				
140-145				
145-150				

09CCT02_19 Core Log

Core#: 09CCT02-19-02

Core Date: 19-Jun-09

Date Split/subsampled	Length: 150cm
07-Jul-09	E: 440931
	N: 3265071

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
150-155	150-219cm		150-219 cm Dark grey hard
155-160	Gley 2		Silty clay w/sparse
160-165	4/10 BG		shell
165-170			
170-175	219-286cm		219-286cm Dark grey
175-180	Gley 2		softer silty clay
180-185			
185-190	4/5 BG		
190-195			
195-200	286-293cm		286-293cm Dark grey
200-205	Gley 2		clay w/plant material
205-210	4/10 G		
210-215			
215-219	293-300cm		293-300cm Grey soft clay
219-220	Gley 2		
220-225			
225-230	5/10 BG		
230-235			
235-240			
240-245			
245-250			
250-255			
255-260			
260-265			
265-270			
270-275			
275-280			
280-285			
286-290			
290-293			
293-295			
295-300			

09CCT02_19 Core Log

Core#: 09CCT02-19-03

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>151 cm</u>
<u>07-Jul-09</u>	E: <u>440931</u>
	N: <u>3265071</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
300-305	300-451 cm		300-451 cm Grey compacted
305-310	Grey 2		clay
310-315	5/5 BG		
315-320			
320-325			
325-330			
330-335			
335-340			
340-345			
345-350			
350-355			
355-360			
360-365			
365-370			
370-375			
375-380			
380-385			
385-390			
390-395			
395-400			
400-405			
405-410			
410-415			
415-420			
420-425			
425-430			
430-435			
435-440			
440-445			
445-450			

09CCT02_19 Core Log

Core#: 09CCT02-19-04

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>124</u>
<u>07-Jul-09</u>	E: <u>440931</u>
	N: <u>3265071</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
451-456	451-475cm		451-475 cm Grey hard clay
456-461	Gley 2		
461-466	5/5 B		
466-471			
471-475	475-479cm		475-479 cm Grey hard
475-476	Gley 2		clay w/ deposits of beige
476-479	6/5 G		clay
479-481			
481-486	479-575cm		479-575 cm Grey hard
486-491	Gley 2		clay
491-496	5/5 BG		
496-501			
501-506			
506-511			
511-516			
516-521			
521-526			
526-531			
531-536			
536-541			
541-546			
546-551			
551-556			
556-561			
561-566			
566-571			
571-575			