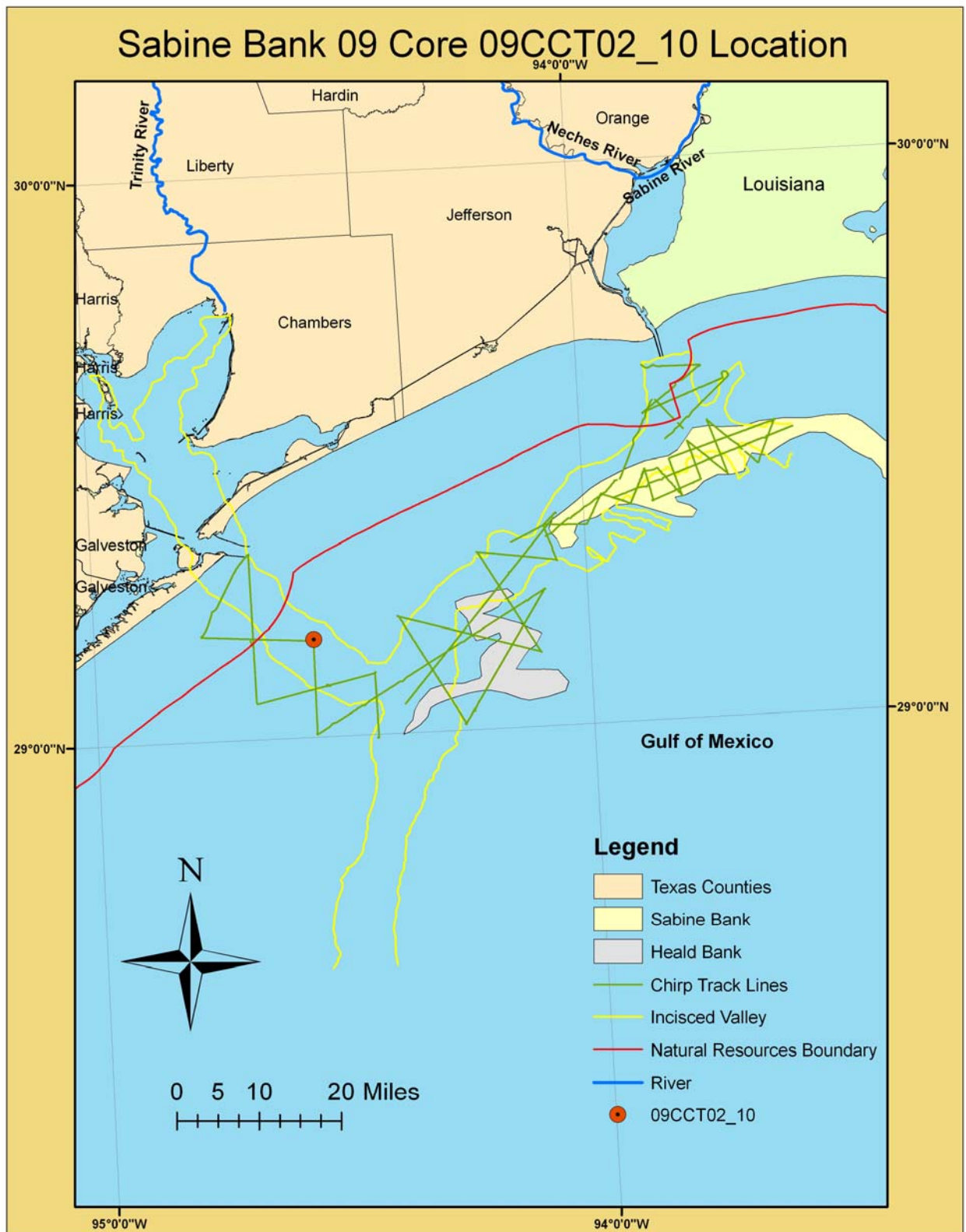




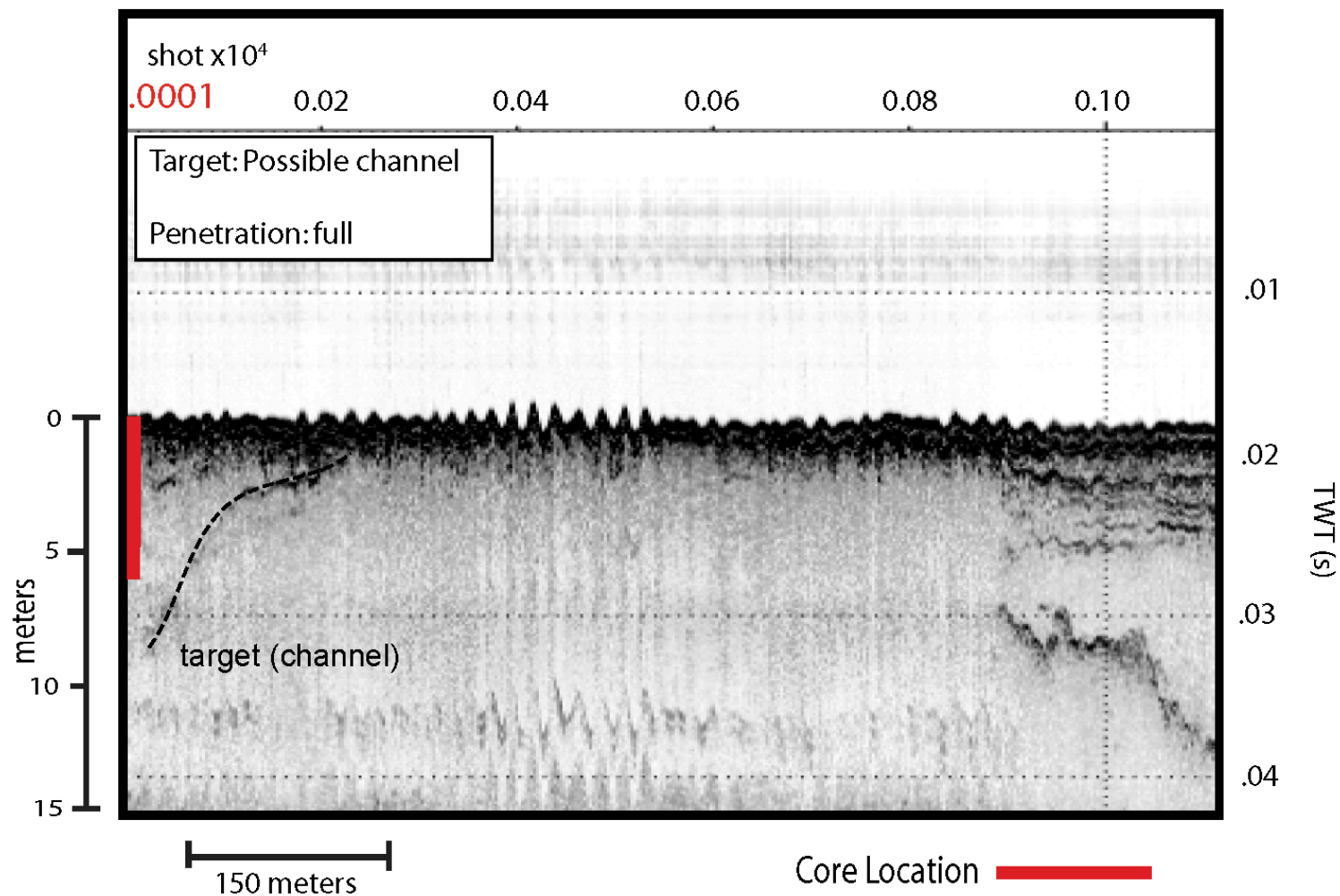
Project: 09CCT02

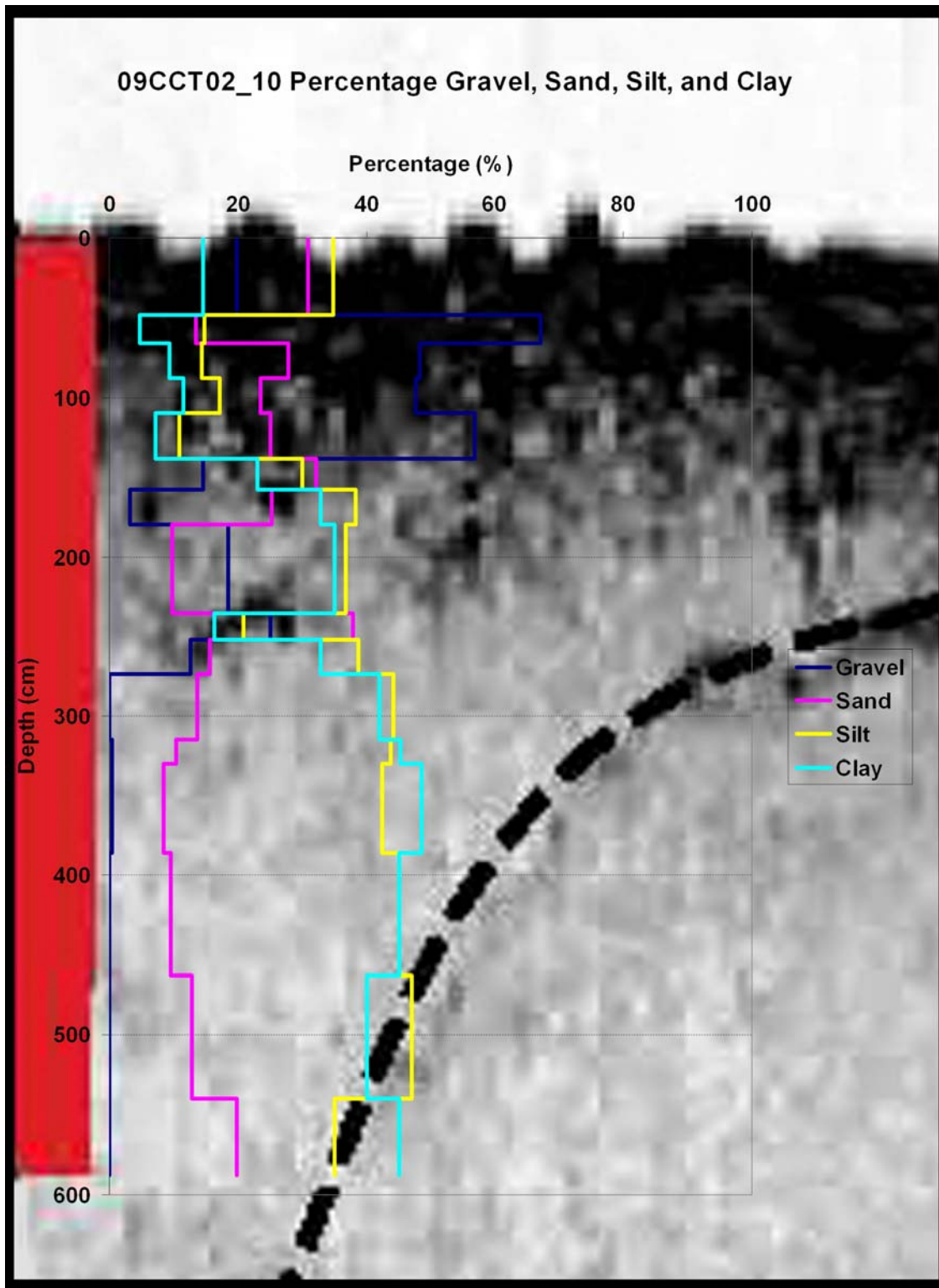
Transect: 09C65_a

Core: 09CCT02_10

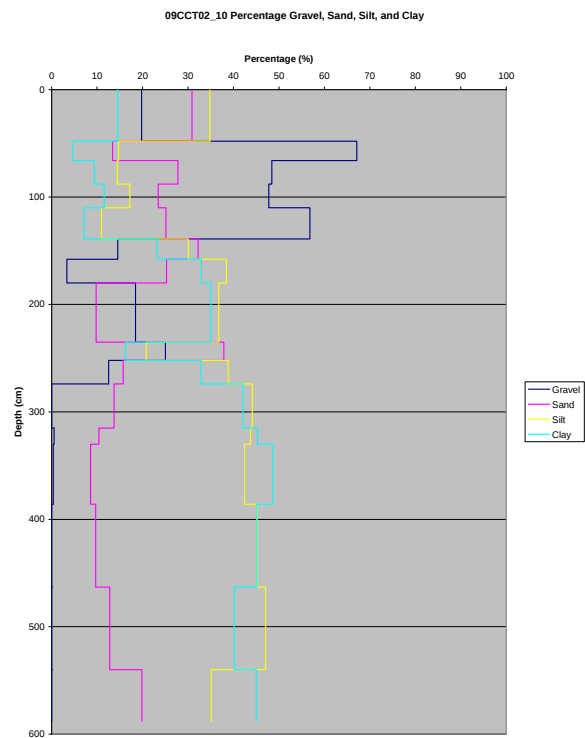
Core Length (m) : 5.87

09CCT02_10 Seismic

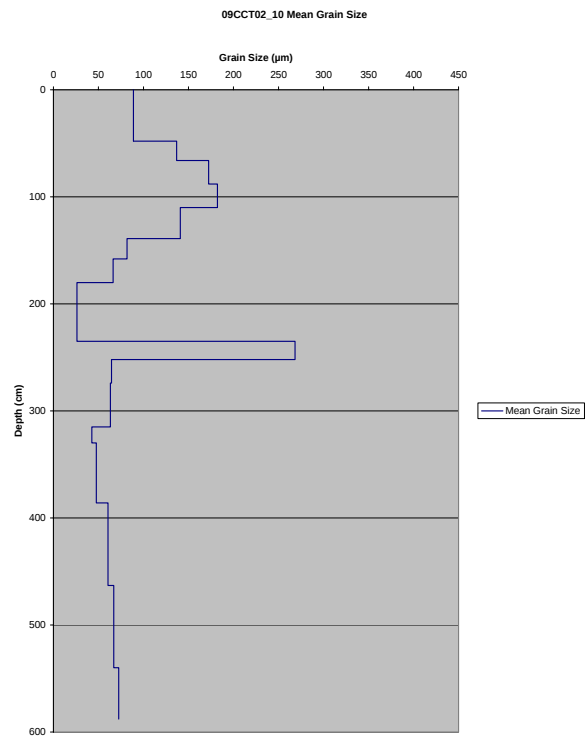




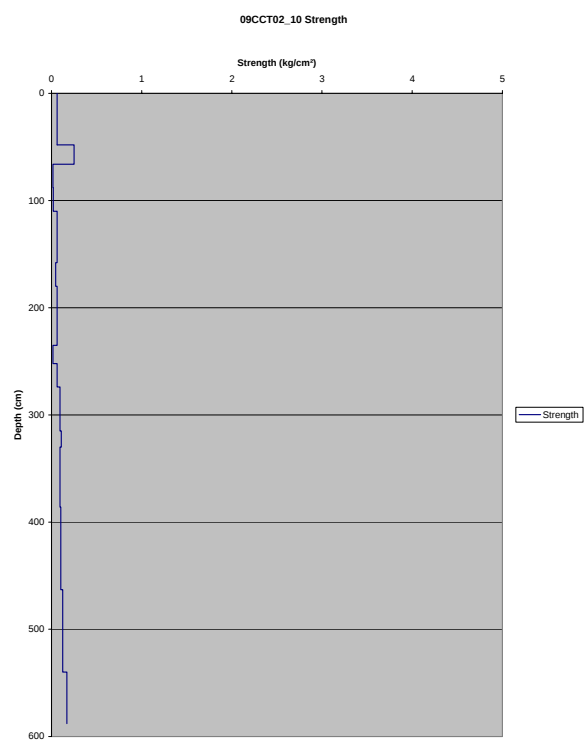
09CCT02_10 Percent Grain Size Distribution Graph



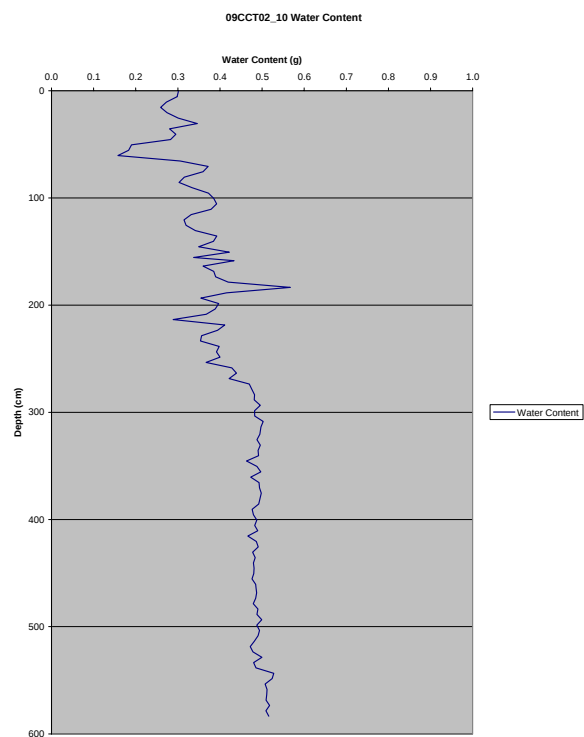
09CCT02_10 Mean Grain Size Distribution Graph



09CCT02_10 Strength Graph



09CCT02_10 Water Content Graph



09CCT02_10 Grain Size Sand Percent Table

09CCT02-10											
Depth (cm)	63- 257μ m (%)	257- 451μm(%)	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 (%)
25-30	81.30	12.02	3.00	1.23	0.76	0.59	0.46	0.34	0.19	0.12	100
50-55	71.01	8.86	5.33	4.69	3.64	2.60	1.76	1.13	0.64	0.34	100
75-80	70.62	12.28	3.92	3.34	2.99	2.47	1.87	1.31	0.77	0.42	100
95-100	67.71	4.43	4.15	5.44	5.39	4.59	3.52	2.49	1.47	0.80	100
115-120	84.93	3.74	2.21	2.56	2.17	1.66	1.20	0.82	0.47	0.26	100
150-155	89.34	1.04	2.40	2.43	1.78	1.22	0.81	0.54	0.28	0.16	100
168-173	80.57	6.67	4.53	3.39	2.21	1.30	0.72	0.35	0.18	0.07	100
213-218	88.56	11.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
243-248	49.38	7.20	8.34	9.04	8.17	6.60	4.88	3.37	1.97	1.06	100
263-268	62.86	12.42	9.71	6.69	4.05	2.23	1.19	0.50	0.25	0.10	100
288-293	47.19	17.66	13.15	8.85	5.60	3.43	2.03	1.20	0.58	0.33	100
320-325	52.58	18.26	13.37	8.07	4.31	2.11	0.82	0.33	0.10	0.06	100
365-370	38.93	17.22	15.16	10.84	7.21	4.63	2.88	1.77	0.87	0.50	100
450-455	37.40	12.46	13.15	11.39	8.91	6.55	4.54	3.04	1.60	0.96	100
508-513	48.55	12.50	10.71	8.59	6.63	4.96	3.53	2.43	1.31	0.79	100
563-568	57.88	17.27	10.66	6.67	3.78	1.89	1.01	0.47	0.25	0.12	100

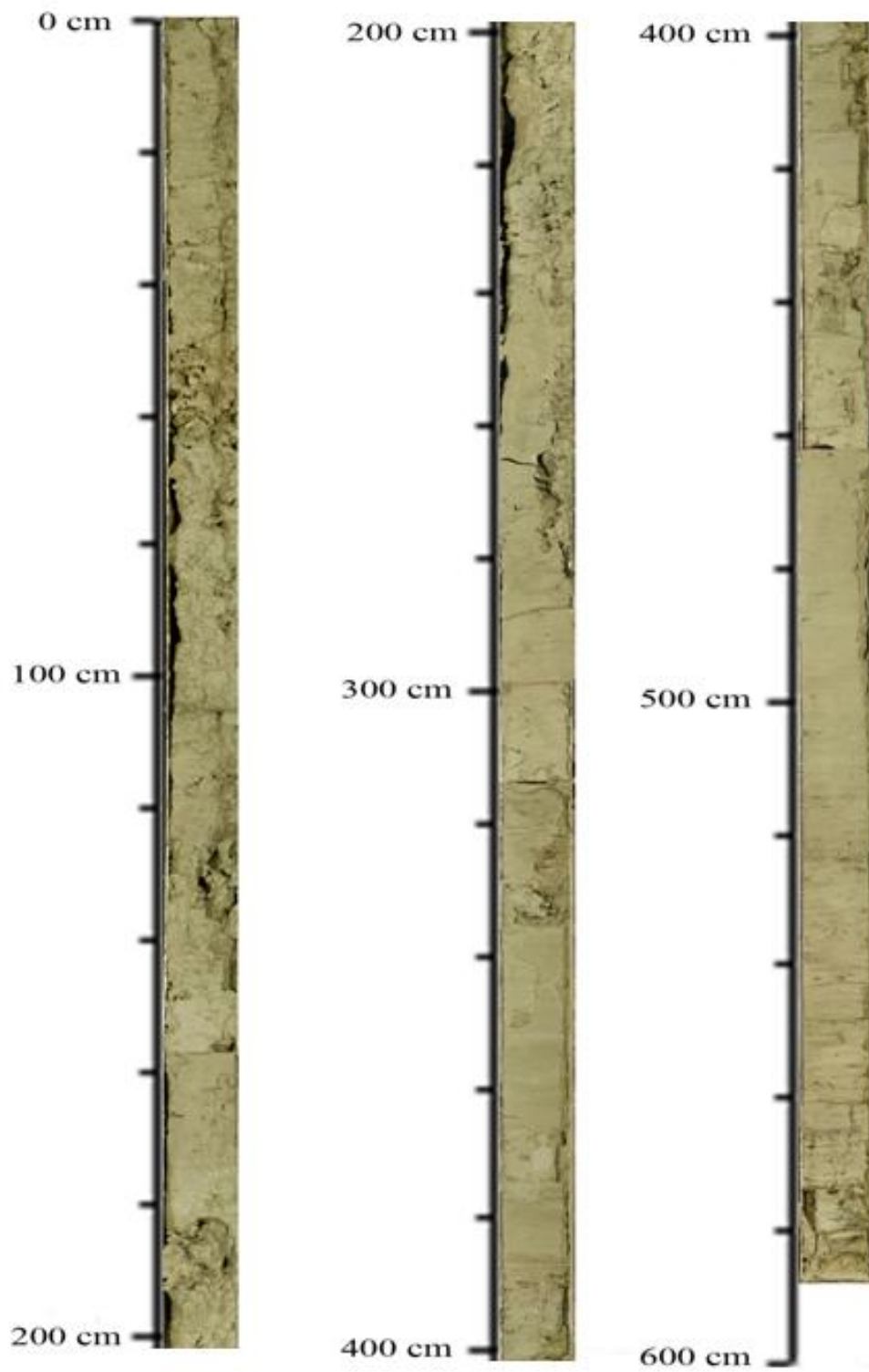
09CCT02-10											
Depth (cm)	63- 82μm (%)	82- 101μm (%)	101- 120μm (%)	120- 139μm (%)	139- 158μm (%)	158- 177μm (%)	177- 196μm (%)	196- 215μm (%)	215- 234μm (%)	234- 257μm (%)	Total (%)
25-30	4.28	4.44	5.46	6.75	8.31	10.13	12.16	14.24	18.09	16.15	100
50-55	3.39	3.60	4.52	5.69	7.16	8.99	11.25	14.07	23.51	17.82	100
75-80	5.42	5.64	6.89	8.35	9.96	11.58	13.00	13.82	11.81	13.51	100
95-100	2.44	2.89	3.98	5.47	7.43	9.92	12.94	16.21	19.77	18.96	100
115-120	2.43	3.02	4.29	6.00	8.21	10.89	13.90	16.68	16.47	18.11	100
150-155	1.03	1.57	2.57	4.07	6.21	9.14	12.97	17.44	23.36	21.64	100
168-173	2.18	2.48	3.38	4.68	6.52	9.05	12.39	16.40	22.55	20.37	100
213-218	4.78	4.93	5.99	7.29	8.86	10.71	12.70	14.49	14.91	15.34	100
243-248	2.98	3.27	4.30	5.75	7.70	10.17	13.14	16.22	18.03	18.43	100
263-268	3.35	3.31	4.05	5.12	6.66	8.79	11.67	15.27	22.60	19.18	100
288-293	5.51	4.98	5.52	6.29	7.39	8.95	11.08	13.81	19.65	16.83	100
320-325	4.86	4.35	4.82	5.57	6.70	8.41	10.88	14.18	22.17	18.06	100
365-370	5.05	4.22	4.39	4.78	5.59	7.12	9.69	13.63	26.43	19.10	100
450-455	3.81	3.31	3.61	4.16	5.10	6.70	9.35	13.57	30.28	20.10	100
508-513	3.50	3.14	3.53	4.19	5.27	7.04	9.88	14.18	28.91	20.35	100
563-568	5.37	5.05	5.75	6.66	7.81	9.29	11.18	13.50	19.22	16.18	100

09CCT02_10 Tables

Mean Grain Size 09CCT02-10	
Depth (cm)	Mean Grain Size (μm)
25-30	88.82
50-55	136.74
75-80	172.35
95-100	182.15
115-120	140.89
150-155	81.75
168-173	66.22
213-218	26.13
243-248	268.37
263-268	64.53
288-293	63.32
320-325	42.78
365-370	47.66
450-455	60.65
508-513	66.89
563-568	72.39

Strength 09CCT02-10	
Interval (cm)	Strength (kg/cm ²)
0-48	0.0625
48-66	0.2500
66-88	0.0160
88-110	0.0210
110-139	0.0625
139-158	0.0625
0-22	0.0469
22-77	0.0625
77-94	0.0156
94-116	0.0625
116-157	0.0938
0-15	0.1094
15-71	0.0938
71-148	0.1046
0-77	0.1250
77-125	0.1719

09CCT02_10 Core Pictures



09CCT02_10 Core Log

Core#: 09CCT02-10-01

Core Date: 06-Jun-09

Date Split/subsampled	Length: 158cm
12-Jun-09	E: 348617
	N: 3228351

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-48cm		0-48cm Grey soft clay
5-10	Grey 2		
10-15	S/5B		48-66cm Grey soft clay
15-20			
20-25	48-66cm		w/shells
25-30	Grey 2		66-88cm Grey soft clay
30-35	S/10BG		w/sparse shell
35-40			
40-45	66-88cm		88-110cm Grey soft clay
45-48	Grey 2		
48-50	6/5B		110-139cm Grey soft clay
50-55			w/sparse shell
55-60	88-110cm		139-158cm grey soft clay
60-65	Grey 2		
65-66	6/5B		
66-70			
70-75	110-139cm		
75-80	Grey 2		
80-85	6/5B		
85-88			
88-90	110-139cm		
90-95	Grey 2		
95-100	S/5BG		
100-105			
105-110	139-158cm		
110-115	Grey 2		
115-120	S/5BG		
120-125			
125-130			
130-135			
135-139			
139-140			
140-145			
145-150			
150-155			
155-158			

09CCT02_10 Core Log

Core#: 09CCT02-10-02

Core Date: 06-Jun-09

Date Split/subsampled	Length: 152 cm
12-Jun-09	E: 34 8617
	N: 32 28331

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
158-163	158-180 cm		158-180 cm Light grey clay
163-168	Gleg 2		
168-175	S/5B6		180-235 cm soft light grey
175-178			clay with oyster shells
178-180	180-235 cm		
180-183	Gleg 2		235-252 cm Light grey clay
183-188	4/10B6		w/ sparse oyster shell
188-193	235-252 cm		
193-198	Gleg 2		252-274 cm Light grey
198-203	S/5B		compacted clay
203-208	274-315 cm		
208-213	Gleg 2		274-315 cm Light grey
213-218	S/5B		compacted clay
218-223			
223-228			
228-233			
233-238			
238-243			
243-248			
248-252			
252-258			
258-263			
263-268			
268-273			
273-278			
278-283			
283-288			
288-293			
293-298			
298-303			
303-308			
308-313			
313-318			

09CCT02_10 Core Log

Core#: 09CCT02-10-03

Core Date: 06-Jun-09

Date Split/subsampled	Length: 148cm
15-Jun-09	E: 348619
	N: 3228331

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
315 - 320	315-330cm		315-330cm Dark grey clay
320 - 325	Gley 2		w/ locus of black clay
325 - 330	4/5BG		
330 - 335			
335 - 340	330-386cm		330-386cm Soft Dark grey
340 - 345	Gley 2		clay
345 - 350	4/5BG		
350 - 355			
355 - 360	386-463cm		386-463cm Soft Dark grey clay
360 - 365	Gley 2		w/ plant material
365 - 370	4/5BG		
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			
450 - 455			
455 - 460			
460 - 463			

09CCT02_10 Core Log

Core#: 09CCT02-10-4

Core Date: 06 Jun 09

Date Split/subsampled	Length: 125 cm
15 Jun 09	E: 348617
	N: 3278331

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
463-468	463-540cm		463-540cm Grey soft clay
468-473	Gley 2		
473-478	5/5BG		
478-483			
483-488	540-588cm		540-588cm Grey soft clay
488-493	Gley 2		with layers of black clay
493-498	4/10G		
498-503			
503-508			
508-513			
513-518			
518-523			
523-528			
528-533			
533-538			
538-543			
543-548			
548-553			
553-558			
558-563			
563-568			
568-573			
573-578			
578-583			
583-588			