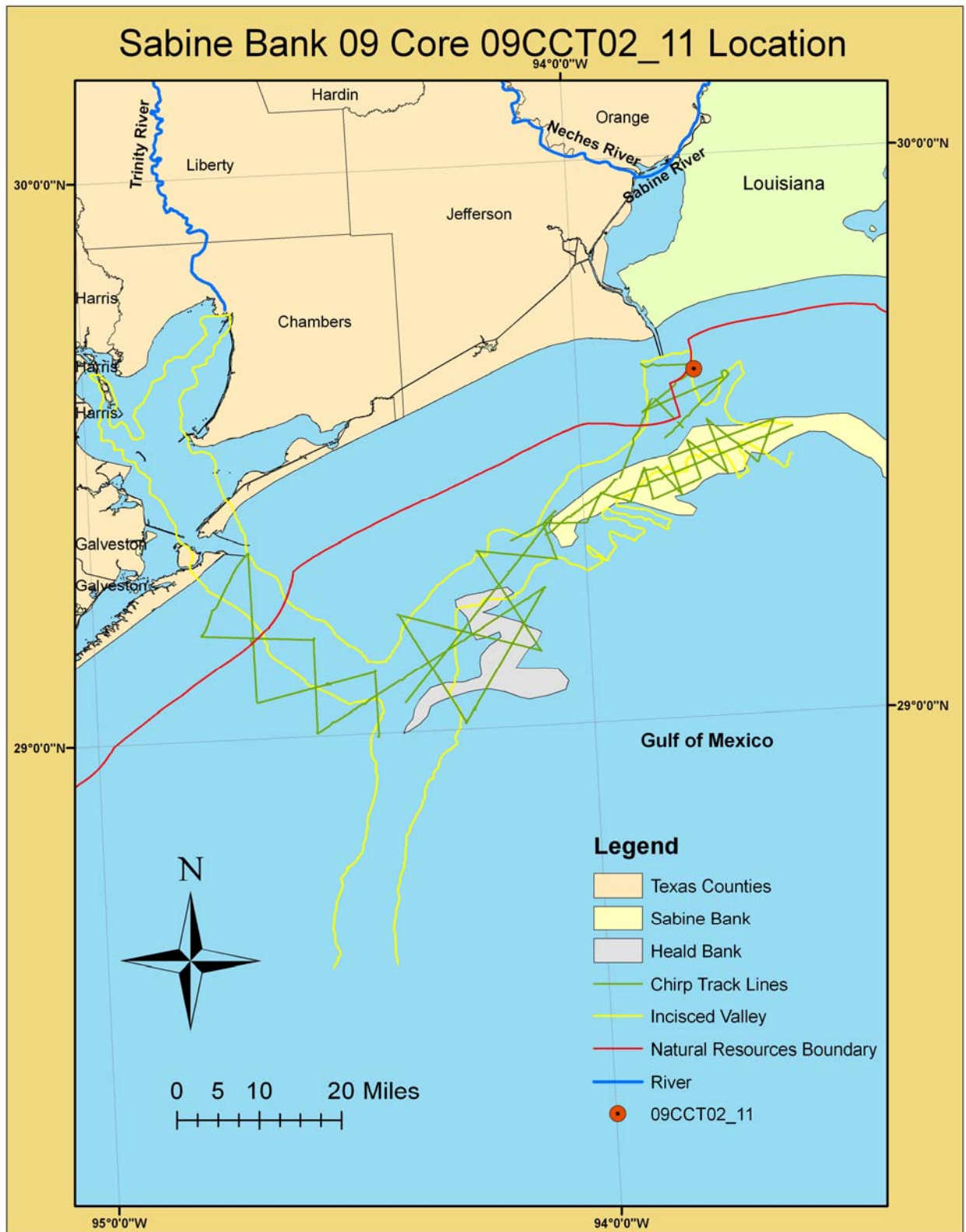




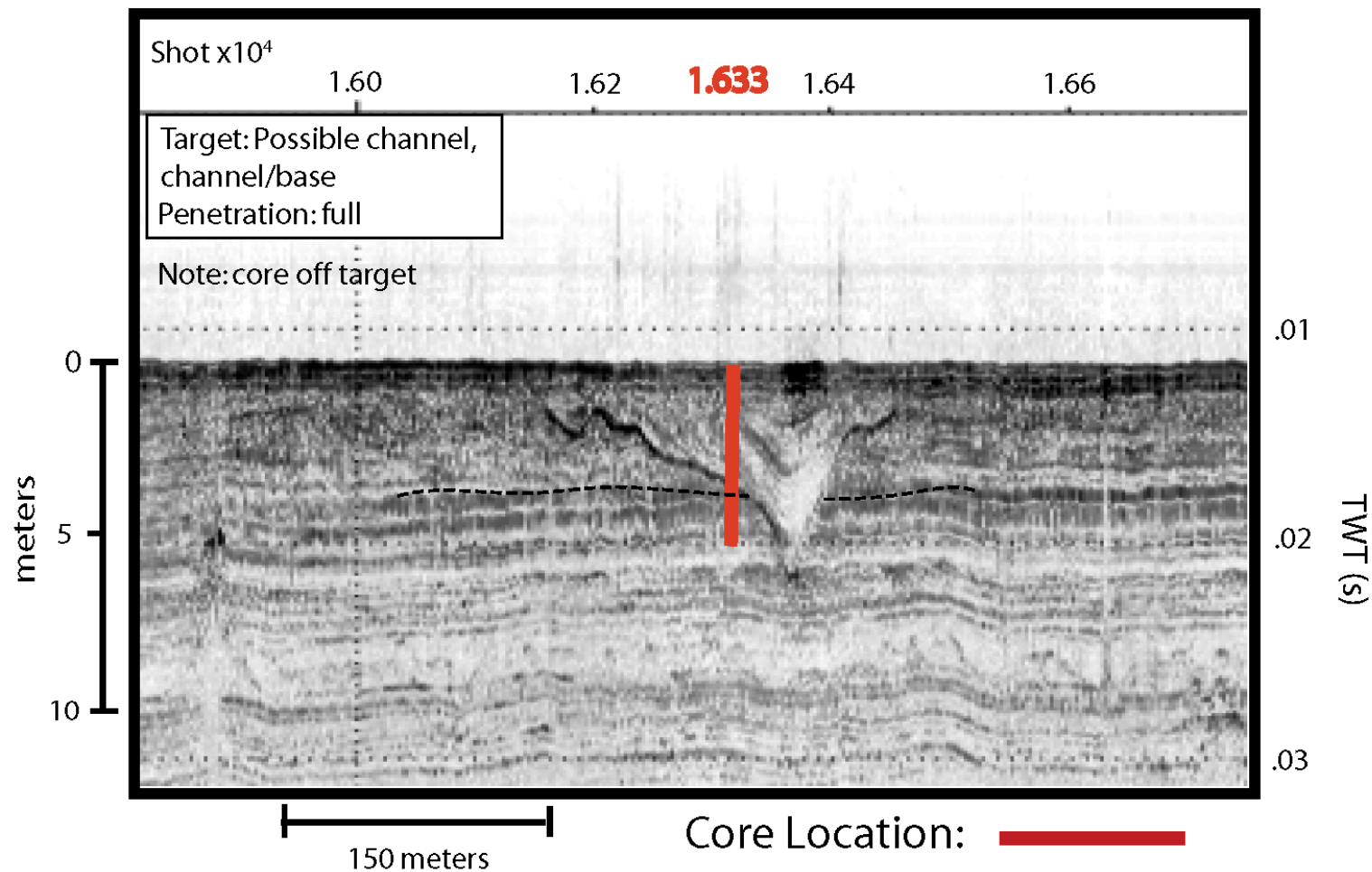
Project: 09CCT02

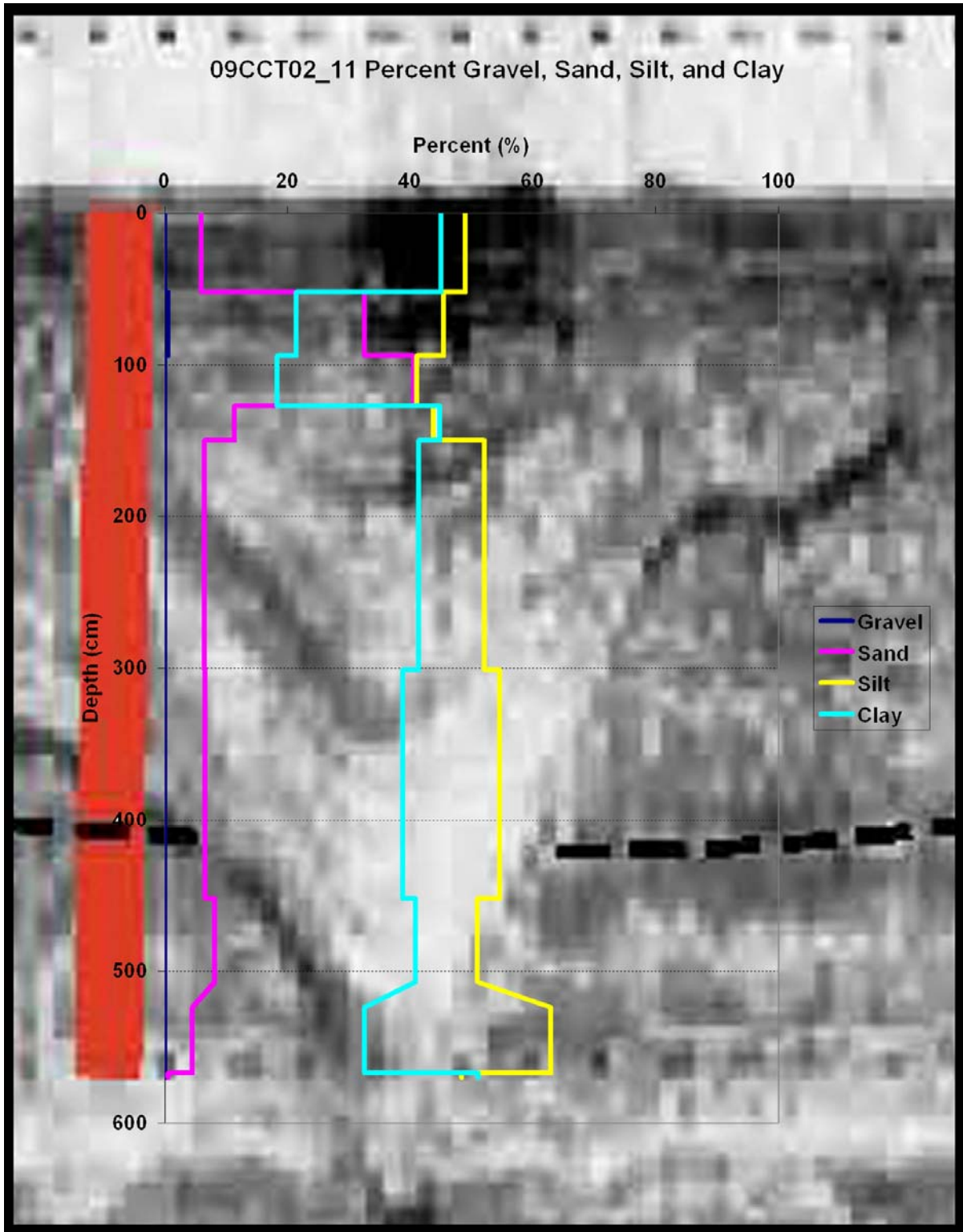
Seismic Transect: 09C01

Core: 09CCT02_11

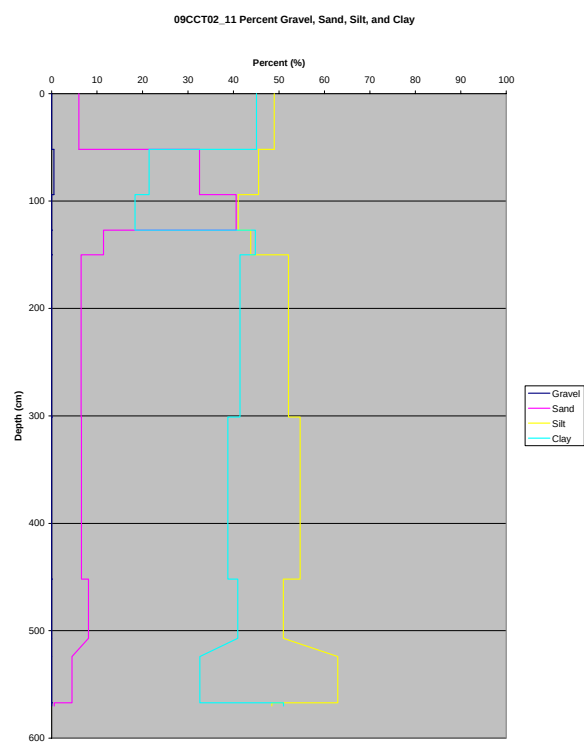
Core Length (m): 5.66

09CCT02_11 Seismic

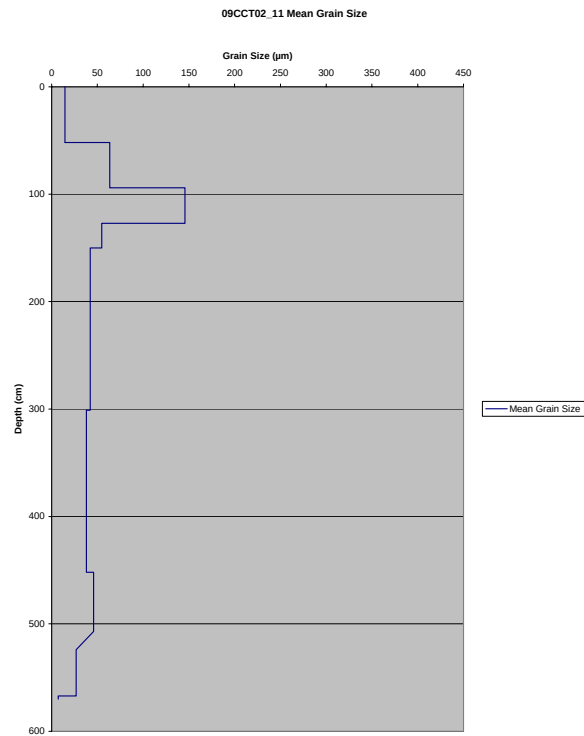




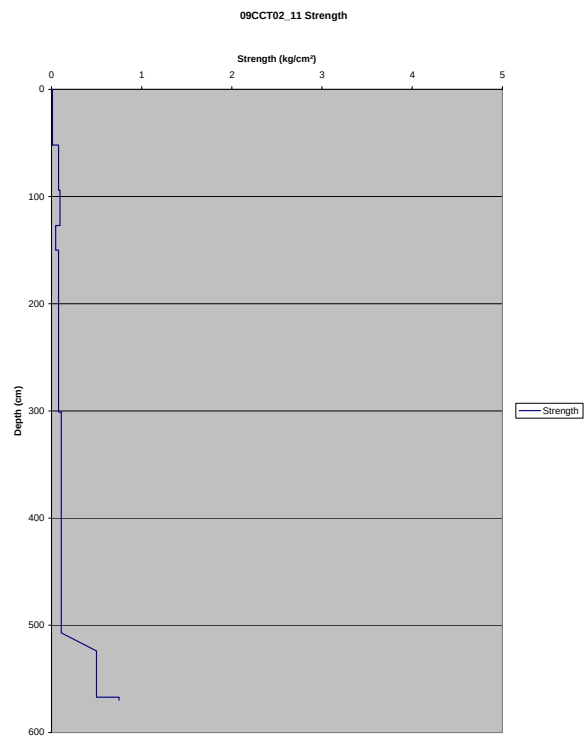
09CCT02_11 Percent Grain Size Distribution Graph



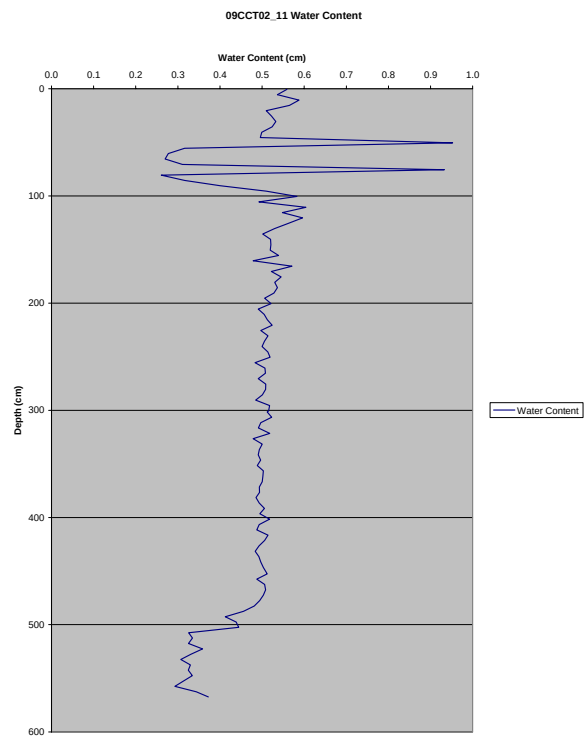
09CCT02_11 Mean Grain Size Distribution Graph



09CCT02_11 Strength Graph



09CCT02_11 Water Content Graph



09CCT02_11 Grain Size Sand Percent Table

09CCT02 11 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 (%)
25-30	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
75-80	88.06	7.94	2.15	1.00	0.53	0.30	0.03	0.00	0.00	0.00	100
120-125	54.70	18.67	11.83	7.18	4.00	2.04	0.97	0.37	0.18	0.06	100
135-140	41.69	17.51	16.70	12.04	6.88	3.37	1.28	0.42	0.04	0.06	100
205-210	26.69	10.61	26.38	21.40	11.30	3.32	0.31	0.00	0.00	0.00	100
366-371	38.68	12.09	20.93	16.01	8.63	3.29	0.36	0.00	0.00	0.00	100
472-477	44.63	10.72	13.86	11.97	8.23	5.02	2.91	1.49	0.83	0.35	100
512-517	55.26	13.01	14.81	10.78	5.35	0.80	0.00	0.00	0.00	0.00	100
557-562	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100

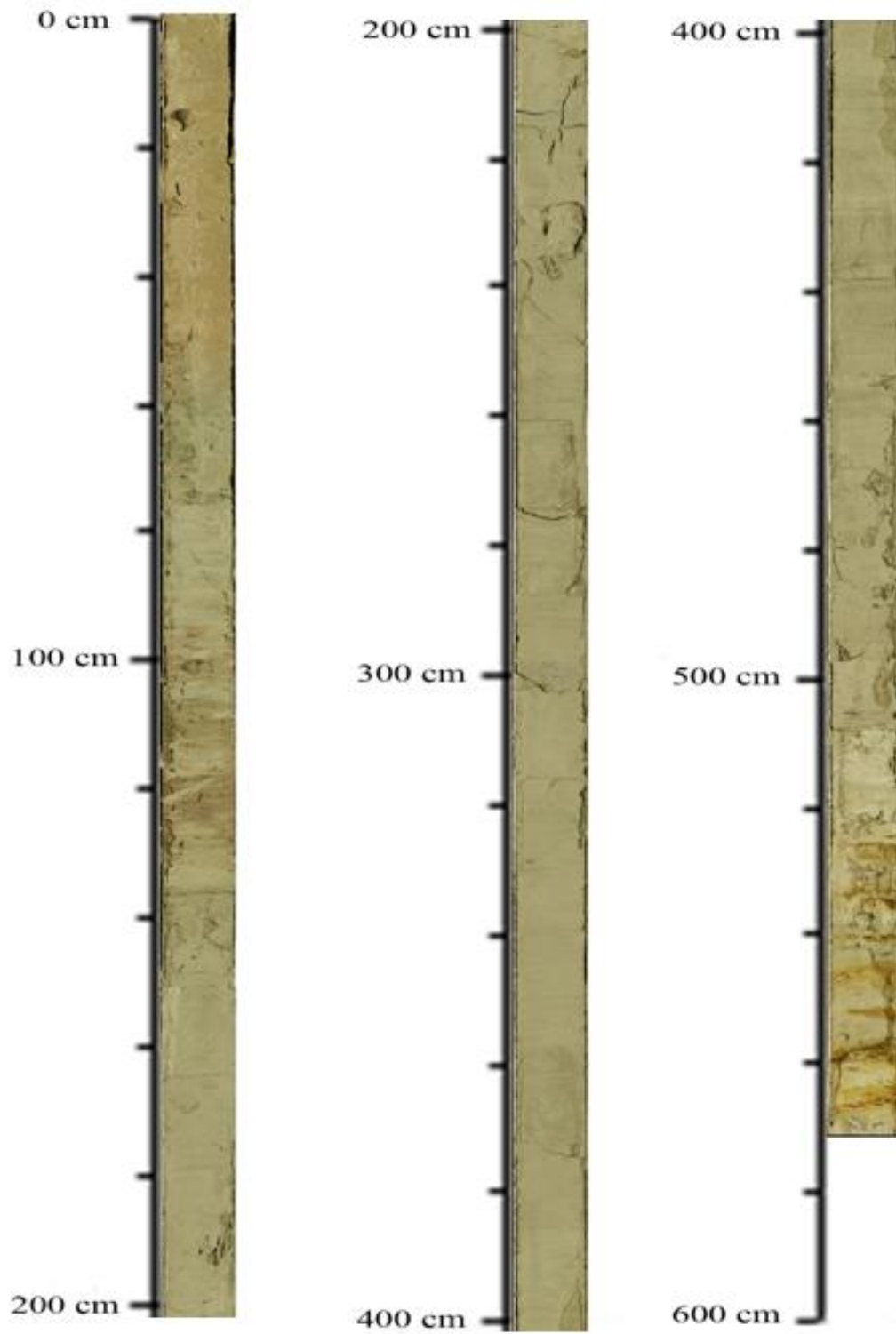
09CCT02-11											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
25-30	0.00	0.00	0.49	1.49	3.17	5.96	10.18	16.60	36.69	25.42	100
75-80	2.51	2.59	3.20	4.04	5.25	7.07	9.91	14.35	30.03	21.05	100
120-125	5.61	5.13	5.72	6.49	7.52	8.90	10.79	13.28	20.15	16.40	100
135-140	5.37	4.80	5.30	6.02	7.05	8.52	10.61	13.43	21.84	17.07	100
205-210	0.00	0.00	0.00	0.00	1.62	4.93	9.22	14.90	45.10	24.23	100
366-371	0.20	0.00	0.00	0.00	1.10	3.37	7.06	13.42	49.47	25.38	100
472-477	2.68	2.54	3.07	3.87	5.14	7.05	9.95	14.27	30.74	20.68	100
512-517	2.74	2.38	2.58	2.54	2.06	2.02	3.47	7.22	56.25	18.75	100
557-562	0.00	0.00	0.00	0.00	0.00	4.36	12.89	19.16	39.02	24.56	100

09CCT02_11 Tables

Mean Grain Size 09CCT02-11	
Depth (cm)	Mean Grain Size (μm)
25-30	14.55
75-80	63.56
120-125	145.85
135-140	54.76
205-210	42.14
366-371	38.03
472-477	45.90
512-517	26.79
557-562	7.38

Strength 09CCT02-11	
Interval (cm)	Strength (kg/cm ²)
0-52	0.0116
52-94	0.0781
94-129	0.0938
129-150	0.0469
0-151	0.0781
0-151	0.1094
0-53	0.1094
53-72	0.5000
72-115	0.7500

09CCT02_11 Core Pictures



09CCT02_11 Core Logs

Core#: 09CCT02-11-01

Core Date: 15-Jun-09

Date Split/subsampled	Length: <u>150 cm</u>
<u>29-Jun-09</u>	E: <u>426245</u>
	N: <u>3276711</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0.52 cm		0-52 cm Dark Brown soft clay
5-10	7.5 yR		
10-15	3/1		52-94 cm Grey silt with
15-20			sparse shell
20-25	52-94 cm		
25-30	Gley 2		
30-35	4/5 BG		94-129 cm soft grey silt
35-40			clay w/ layers of dark brown
40-45	94-129 cm		clay
45-50	7.5 yR		
50-52	3/1		129-150 cm light grey soft
52-55			clay
55-60	129-150 cm		
60-65	Gley 2		
65-70	5/10 BG		
70-75			
75-80			
80-85			
85-90			
90-94			
94-95			
95-100			
100-105			
105-110			
110-115			
115-120			
120-125			
125-129			
129-130			
130-135			
135-140			
140-145			
145-150			

09CCT02_11 Core Log

Core#: 09CCT02_11-02

Core Date: 15-Jun-09

Date Split/subsampled	Length: 151 cm
29-Jun-09	E: 426245
	N: 3226211

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
150-155 155-160 160-165 165-170 170-175 175-180 180-185 185-190 190-195 195-200 200-205 205-210 210-215 215-220 220-225 225-230 230-235 235-240 240-245 245-250 250-255 255-260 260-265 265-270 270-275 275-280 280-285 285-290 290-295 295-300 300-301	150-301 cm Gley 2 <u>S/SBG</u>		150-301 cm Grey compacted clay

09CCT02_11 Core Log

Core#: 09CCT02-11-03

Core Date: 15-Jun-09

Date Split/subsampled	Length: <u>151cm</u>
<u>24-Jun-09</u>	E: <u>426245</u>
	N: <u>3276711</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
301-306	<u>301-452cm</u> <u>Gley 2</u> <u>5/100g</u>		<u>301-452cm Light grey</u> <u>compacted clay</u>
306-311			
311-316			
316-321			
321-326			
326-331			
331-336			
336-341			
341-346			
346-351			
351-356			
356-361			
361-366			
366-371			
371-376			
376-381			
381-386			
386-391			
391-396			
396-401			
401-406			
406-411			
411-416			
416-421			
421-426			
426-431			
431-436			
436-441			
441-446			
446-451			
451-452			

09CCT02_11 Core Log

Core#: 09CCT02_11-04

Core Date: 15 Jun-09

Date Split/subsampled	Length: <u>178cm</u>
<u>29 Jun-09</u>	E: <u>426245</u>
	N: <u>3276711</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
452-462	452-507cm		452-507cm Grey compacted
457-467	Clay 2		clay
462-467	5/5B		
467-472			
472-477	507-524cm		507-524cm light grey hard
477-482	Clay 2		clay
482-487	6/5BG		
487-492			
492-502	524-567cm		524-567cm light grey hard
502-507	10/8R		clay w/ layers of oxidation
507-512	6/4		
512-517			
517-522	567-570cm		567-570cm Grey compacted
522-527	Clay 2		clay
527-532	5/10BG		
532-537			
537-542			
542-547			
547-552			
552-557			
557-562			
562-567			
567-570			