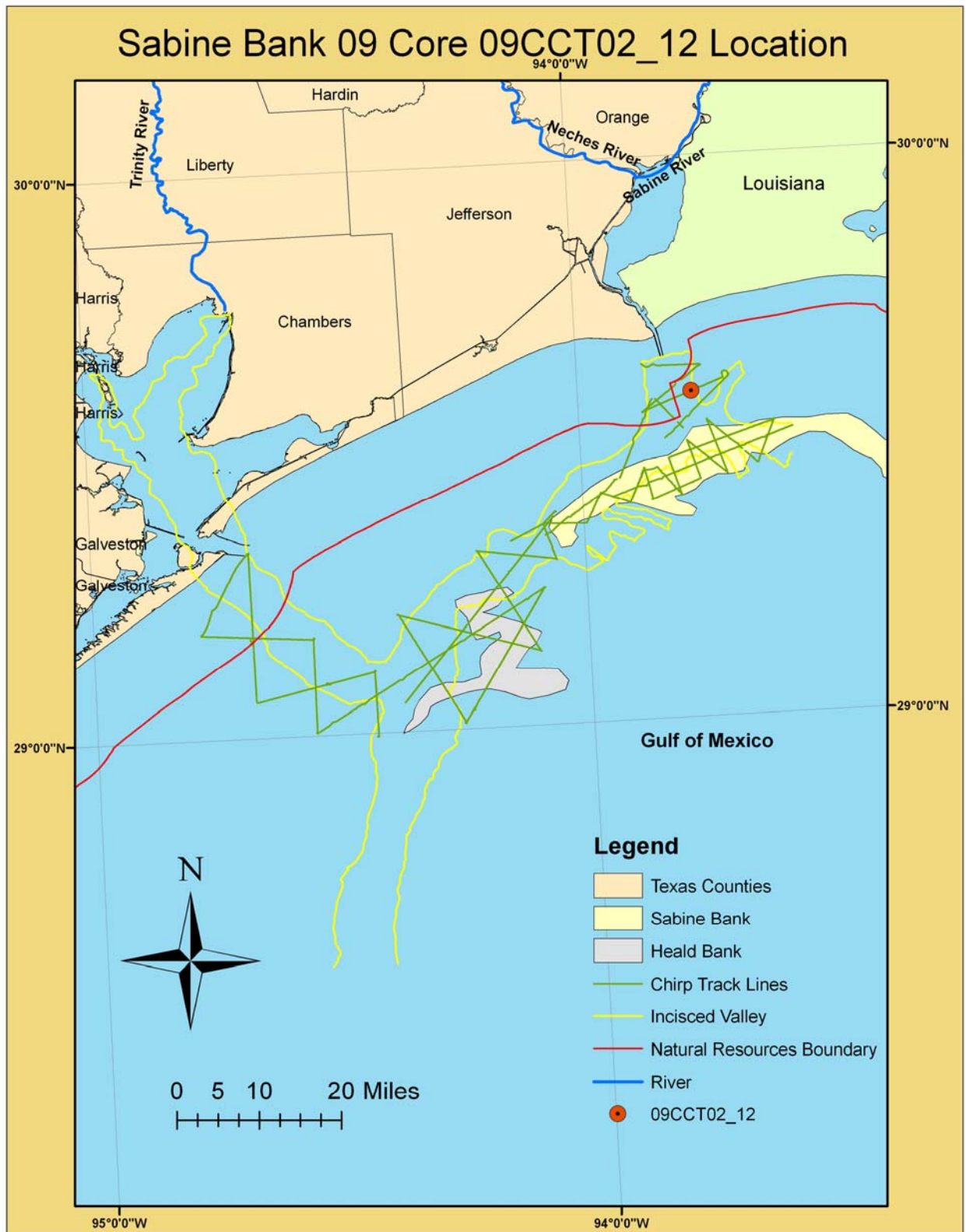


09CCT02_12 Core Location



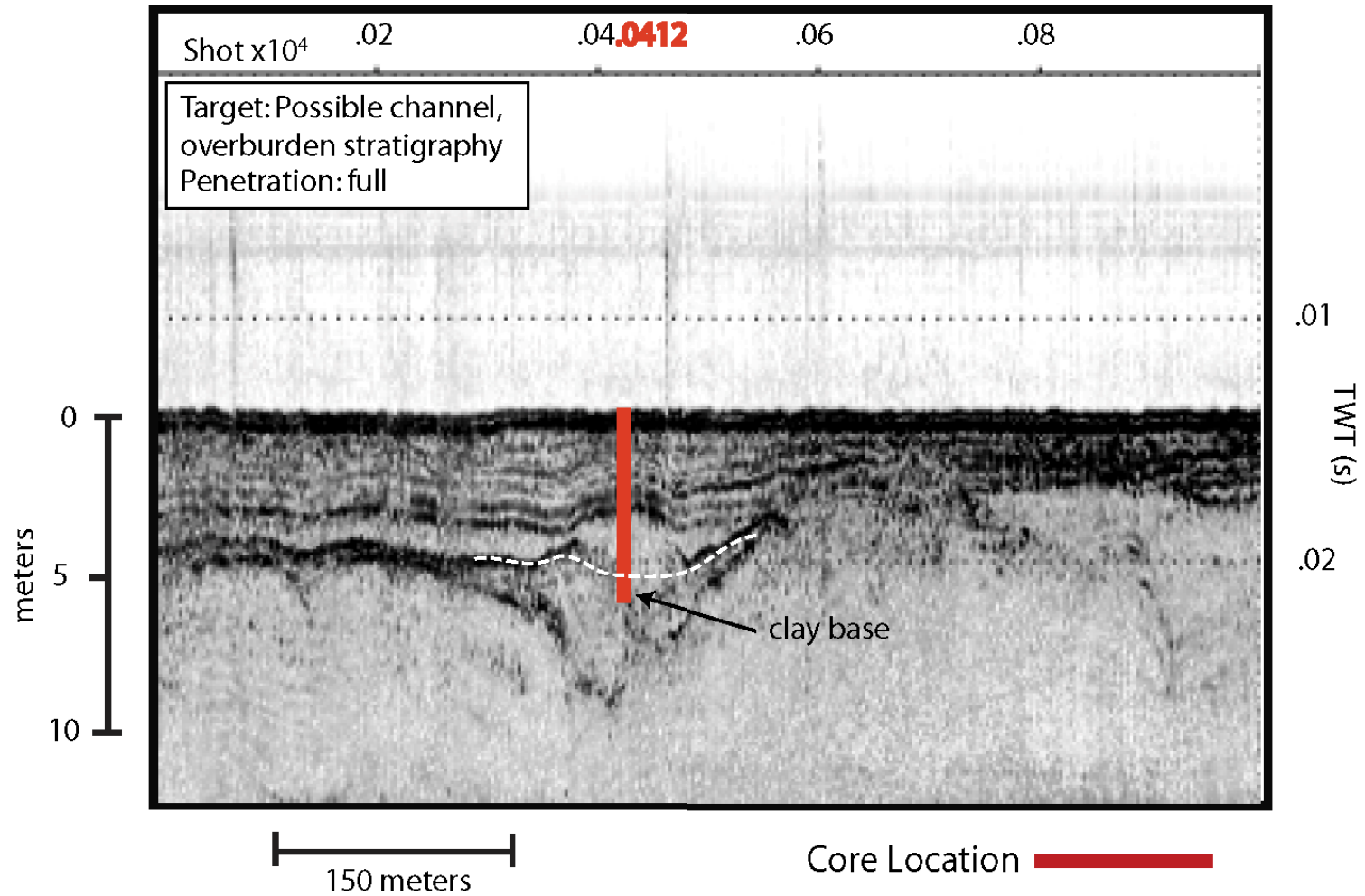
Project: 09CCT02

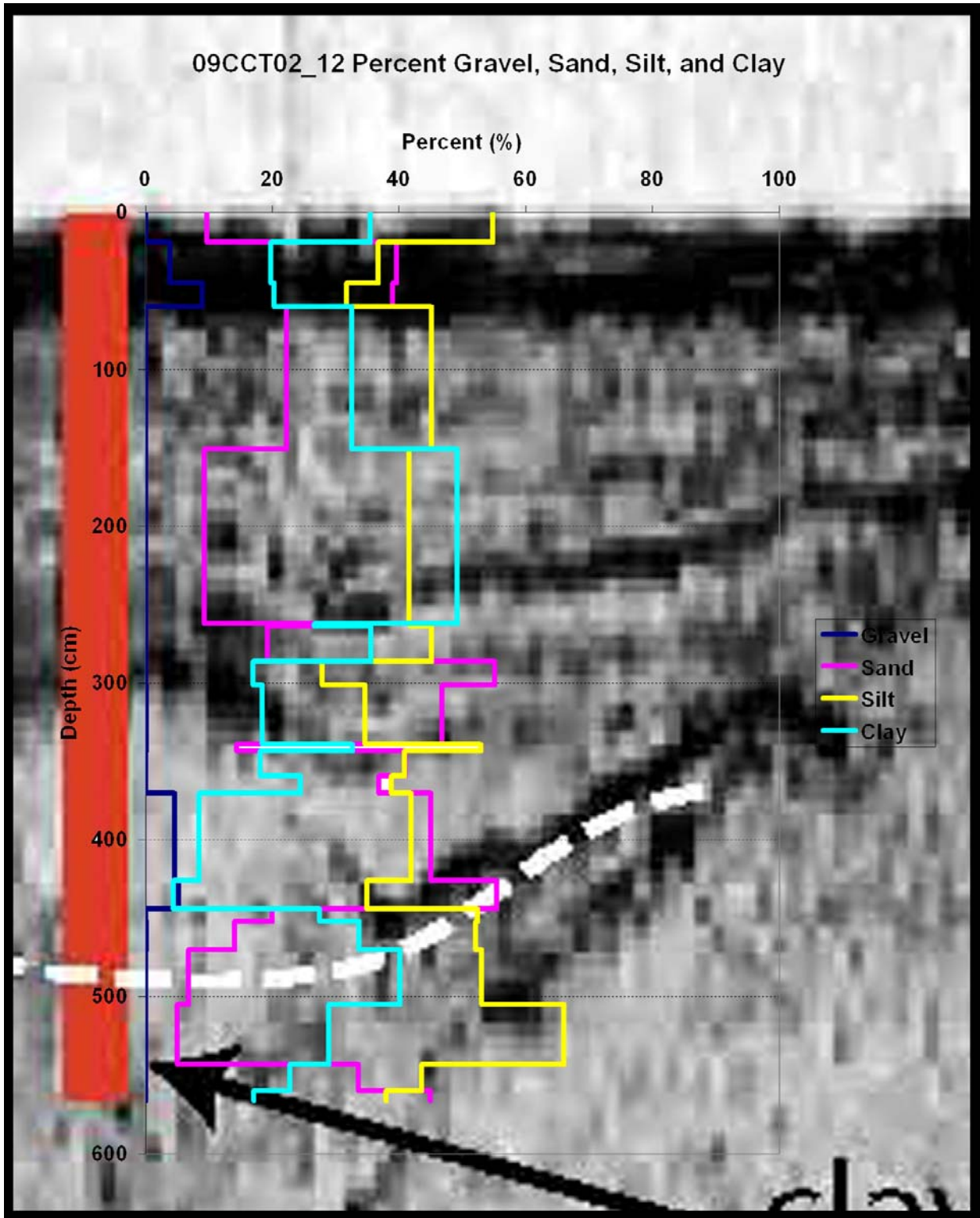
Transect: 09C05

Core: 09CCT02_12

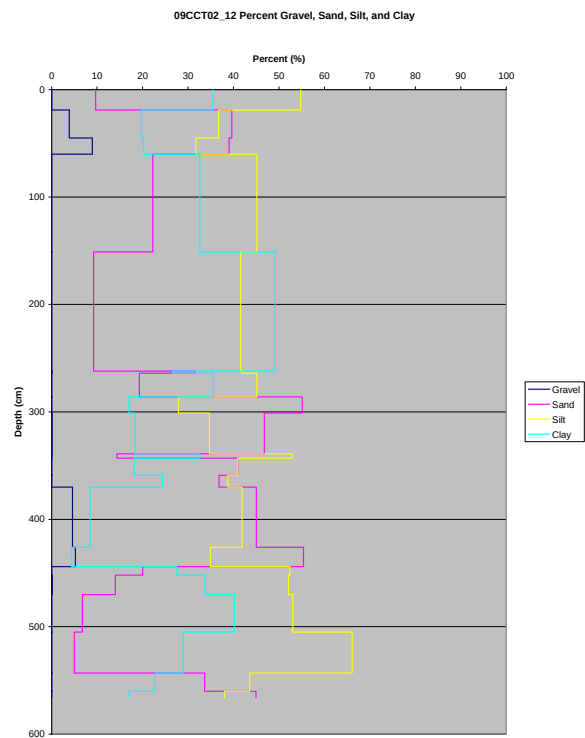
Core Length (m): 5.64

09CCT02_12Seismic

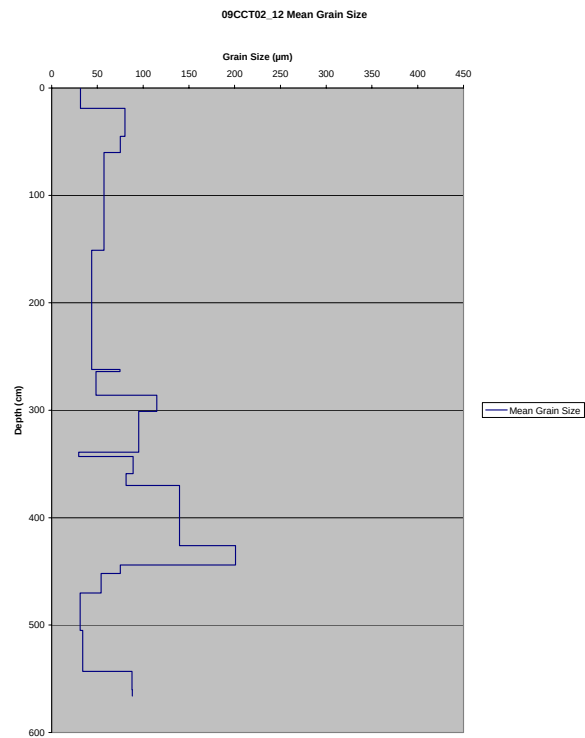




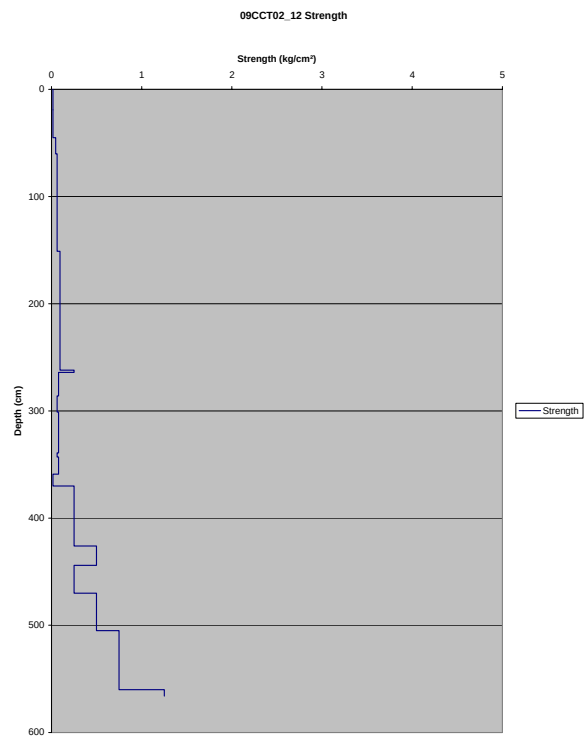
09CCT02_12 Percent Grain Size Distribution Graph



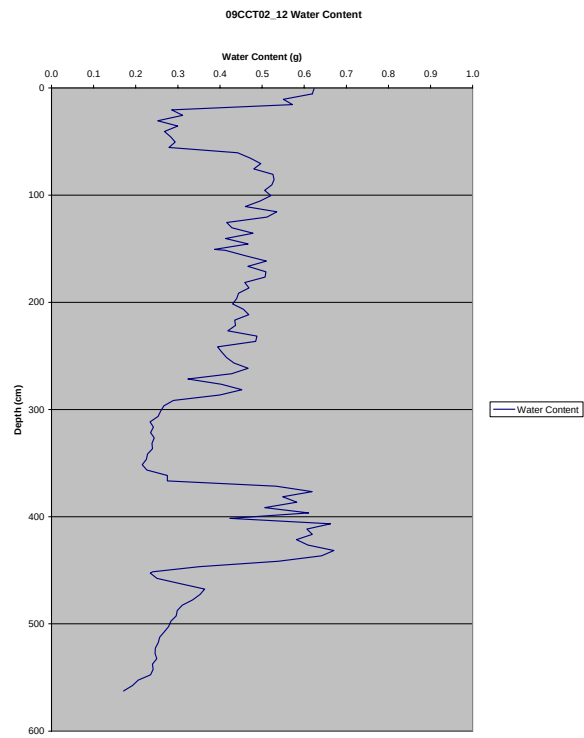
09CCT02_12 Mean Grain Size Distribution Graph



09CCT02_12 Strength Graph



09CCT02_12 Mean Grain Size Distribution



09CCT02_12 Grain Size Sand Percent

09CCT02_12 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 (%)
15-19	73.05	10.14	11.68	4.97	0.16	0.00	0.00	0.00	0.00	0.00	100
35-40	87.01	8.17	2.28	1.46	0.75	0.25	0.08	0.00	0.00	0.00	100
55-60	91.93	3.87	1.83	1.50	0.71	0.16	0.00	0.00	0.00	0.00	100
145-150	81.96	1.57	6.06	5.20	3.13	1.52	0.49	0.07	0.00	0.00	100
171-176	59.12	8.54	9.65	7.78	5.56	3.78	2.51	1.65	0.88	0.52	100
262-264	79.79	13.99	2.35	1.17	0.97	0.74	0.52	0.26	0.14	0.07	100
271-276	77.43	11.14	6.71	3.92	0.79	0.00	0.00	0.00	0.00	0.00	100
291-296	77.98	18.21	3.27	0.53	0.01	0.00	0.00	0.00	0.00	0.00	100
316-321	84.51	11.22	1.67	0.83	0.67	0.50	0.34	0.15	0.08	0.04	100
339-341	92.35	7.55	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
351-356	84.08	10.58	1.85	0.85	0.73	0.65	0.52	0.39	0.21	0.13	100
361-366	84.00	8.79	2.54	1.79	1.22	0.77	0.46	0.24	0.14	0.06	100
401-406	61.65	19.19	10.99	5.34	2.14	0.57	0.12	0.00	0.00	0.00	100
431-436	56.09	18.90	11.44	6.59	3.56	1.84	0.90	0.43	0.16	0.08	100
441-446	63.97	13.57	7.39	5.15	3.73	2.60	1.70	1.06	0.52	0.30	100
457-462	63.39	15.62	7.13	4.55	3.29	2.38	1.64	1.10	0.58	0.34	100
492-497	68.95	7.23	4.68	4.64	4.31	3.63	2.77	2.00	1.11	0.68	100
532-537	49.00	10.59	9.73	9.37	7.60	5.54	3.79	2.33	1.38	0.68	100
552-557	77.92	13.32	2.35	1.61	1.50	1.24	0.91	0.63	0.33	0.20	100
562-566	87.02	10.41	0.64	0.32	0.42	0.41	0.33	0.23	0.14	0.07	100

09CCT02_12 Grain Size Sand Percent

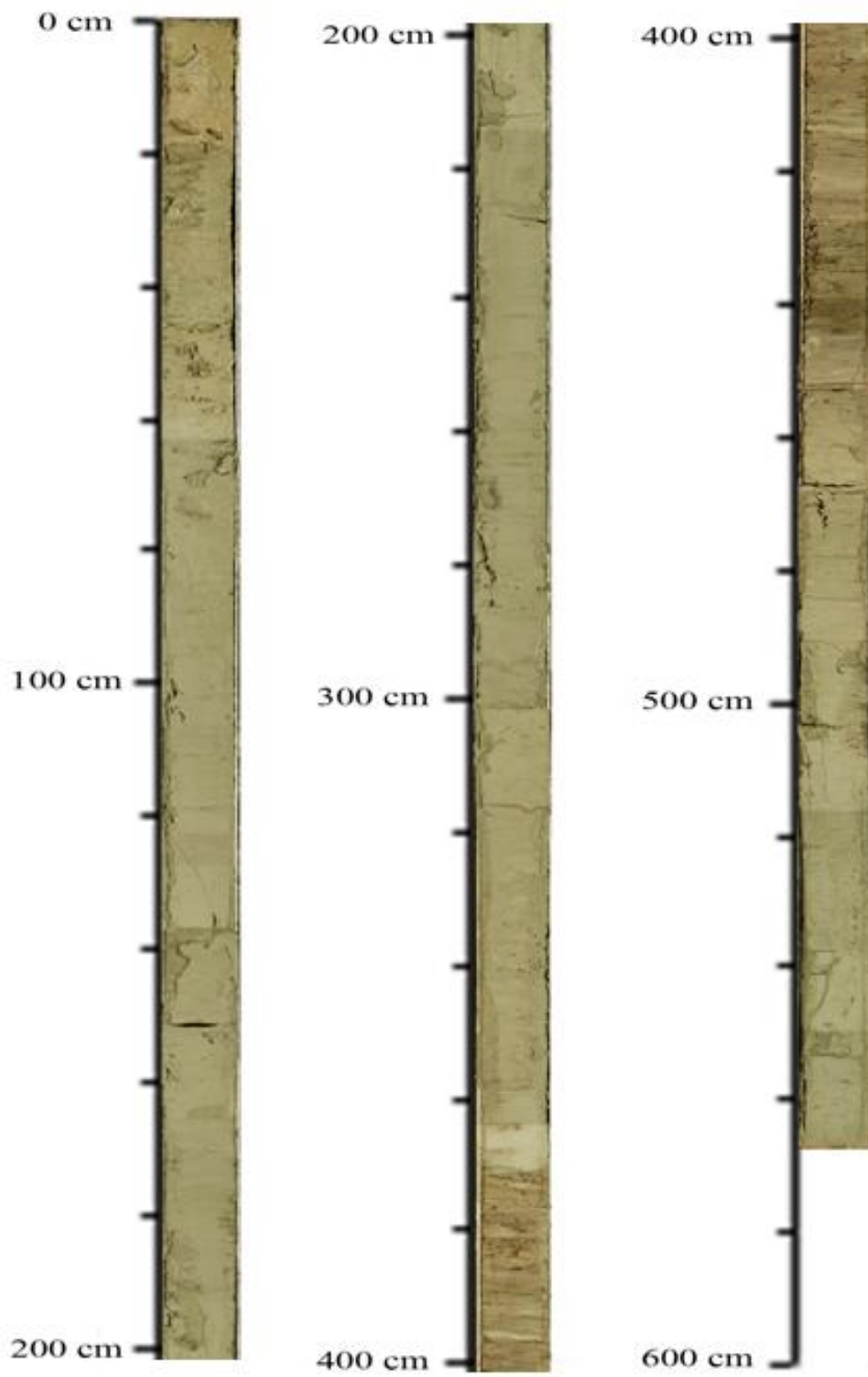
09CCT02-12											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
15-19	0.52	0.15	0.20	0.63	1.58	3.41	7.02	13.76	46.89	25.83	100
35-40	3.17	3.42	4.33	5.51	7.01	8.95	11.45	14.65	22.91	18.60	100
55-60	2.10	2.58	3.63	5.08	7.02	9.52	12.64	16.20	21.61	19.61	100
145-150	0.00	0.00	0.18	1.01	2.71	5.59	10.26	17.28	36.33	26.64	100
171-176	1.24	1.06	1.24	1.74	2.78	4.79	8.45	14.68	39.40	24.63	100
262-264	5.37	5.44	6.47	7.64	8.92	10.29	11.71	13.15	16.40	14.61	100
271-276	3.52	3.68	4.59	5.77	7.28	9.16	11.53	14.43	22.11	17.92	100
291-296	6.31	6.19	7.18	8.29	9.48	10.73	11.96	13.02	13.23	13.60	100
316-321	4.42	4.62	5.68	6.97	8.50	10.27	12.24	14.28	16.97	16.04	100
339-341	2.21	2.28	2.87	3.77	5.12	7.16	10.25	14.78	30.33	21.24	100
351-356	4.01	4.20	5.18	6.41	7.93	9.76	11.96	14.43	19.14	16.97	100
361-366	3.54	3.82	4.86	6.18	7.82	9.83	12.21	14.86	19.41	17.46	100
401-406	5.15	4.73	5.30	6.10	7.20	8.74	10.87	13.68	21.09	17.14	100
431-436	5.66	5.22	5.85	6.68	7.78	9.23	11.12	13.47	18.84	16.14	100
441-446	4.17	3.97	4.56	5.32	6.35	7.80	9.91	13.13	26.60	18.19	100
457-462	5.07	4.78	5.42	6.18	7.15	8.42	10.18	12.74	23.41	16.66	100
492-497	2.60	2.73	3.44	4.40	5.71	7.56	10.20	14.04	29.46	19.86	100
532-537	4.10	4.01	4.71	5.53	6.47	7.66	9.21	11.67	30.06	16.58	100
552-557	5.50	5.64	6.78	8.07	9.48	10.93	12.29	13.37	14.01	13.93	100
562-566	4.52	4.80	5.97	7.36	8.97	10.74	12.59	14.27	15.40	15.38	100

09CCT02_12 Tables

Mean Grain Size 09CCT02-12	
Depth (cm)	Mean Grain Size (μm)
15-19	31.64
35-40	80.16
55-60	75.13
145-150	57.31
171-176	43.76
262-264	74.70
271-276	48.62
291-296	114.98
316-321	95.23
339-341	29.64
351-356	89.04
361-366	81.37
401-406	139.67
431-436	200.95
441-446	74.99
457-462	54.08
492-497	31.28
532-537	33.97
552-557	87.93
562-566	88.26

Strength 09CCT02-12	
Interval (cm)	Strength (kg/cm ²)
0-19	0.0156
19-45	0.0156
45-60	0.0469
60-151	0.0625
0-111	0.0938
111-113	0.2500
113-135	0.0781
135-150	0.0625
0-38	0.0781
38-42	0.0625
42-58	0.0781
58-69	0.0156
69-125	0.2500
125-143	0.5000
143-151	0.2500
0-18	0.2500
18-53	0.5000
53-91	0.7500
91-108	0.7500
108-114	1.2500

09CCT02_12 Core Pictures



09CCT02_12 Core Log

Core#: 09CCT02_12-01

Core Date: 15-Jun-09

Date Split/subsampled	Length: 151 cm
30-Jun-09	E: 425454
	N: 3272532

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-19 cm		0-19 cm Brown soft clay
5-10	10 yR		
10-15	3/3		19-45 cm Grey uncompacted
15-19	19-45 cm		silty clay
19-20	Gley 2		
20-25	4/5B		45-60 cm Grey silty clay
25-30	45-60 cm		w/shells
30-35	Gley 2		
35-40	4/5BG		60-151 cm light grey compacted
40-45	60-151 cm		clay
45-50	Gley 2		
50-55	6/10 BG		
55-60			
60-65			
65-70			
70-75			
75-80			
80-85			
85-90			
90-95			
95-100			
100-105			
105-110			
110-115			
115-120			
120-125			
125-130			
130-135			
135-140			
140-145			
145-150			
150-151			

09CCT02_12 Core Log

Core#: 09CCT02_12-02

Core Date: 15-Jun-09

Date Split/subsampled	Length: 150cm
30-Jun-09	E: 425454
	N: 9222532

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
151-156	151-262cm		151-262cm Light grey
156-161	Gleg 2		compacted clay
161-166	5/5PB		
166-171	262-264cm		262-264cm Light brown
171-176	10 yR		sand
176-181	4/2		
181-186	264-286cm		264-286cm Light Grey
186-191	Gleg 2		silty clay
191-196	5/5BG		
196-201	286-301cm		286-301cm Light grey
201-206	Gleg 2		compacted sandy silt
206-211	5/10B		
211-216			
216-221			
221-226			
226-231			
231-236			
236-241			
241-246			
246-251			
251-256			
256-261			
261-262			
262-264			
264-266			
266-271			
271-276			
276-281			
281-286			
286-291			
291-296			
296-301			

09CCT02_12 Core Log

Core#: 09CCT02-12-03

Core Date: 15-Jun-09

Date Split/subsampled	Length: 151cm
30-Jun-09	E: 425454
	N: 3272532

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
301-306	301-339cm		301-339cm Grey compacted
306-311	6/10/2		sandy silt
311-316	5/15/0/0		
316-321	359-370cm		339-343cm Grey compacted
321-326	6/10/0		silty sand
326-331	343-359cm		343-359cm Grey compacted
331-336	6/10/2		sandy silt
336-339	5/15/0/0		
339-344	359-370cm		359-370cm light grey
341-343	6/10/2		soft sandy silt
343-346	5/15/0/0		
346-351	370-426cm		370-426cm Hard alternate
351-356	7.5/3/0		layering of brown and grey
356-359	5/1		clay w/ layers of plant material
359-361	426-444cm		426-444cm Dark brown hard
361-366	7.5/3/0		clay w/ plant material
366-370	2.5/1/1		
370-371	444-452cm		444-452cm Dark brown
371-376	7.5/3/0		hard clay
376-381	3/8		
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_12 Core Log

Core#: 09CCT02-12-04

Core Date: 15-Jun-09

Date Split/subsampled	Length: 114 cm
30-Jun-09	E: 42° 5' 15" N: 32° 52' 53.2"

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
451-457 457-462 461-467 467-470 470-472 472-477 477-482 482-487 487-492 492-497 497-502 502-505 505-507 507-512 512-517 517-522 522-527 527-532 532-537 537-542 542-547 547-552 552-557 557-560 560-562 562-566	452-470cm 10YR 4/2 470-505cm Grey 2 6/5BG 505-543cm Grey 1 6/5G 543-560cm Grey 1 5/5G 560-566cm Grey 1 5/5G		452-470cm Light brown hard silty clay 470-505cm Grey hard silty clay 505-543cm light grey hard clay 543-560cm Light grey hard silty clay 560-566cm Light brown hard silty sand