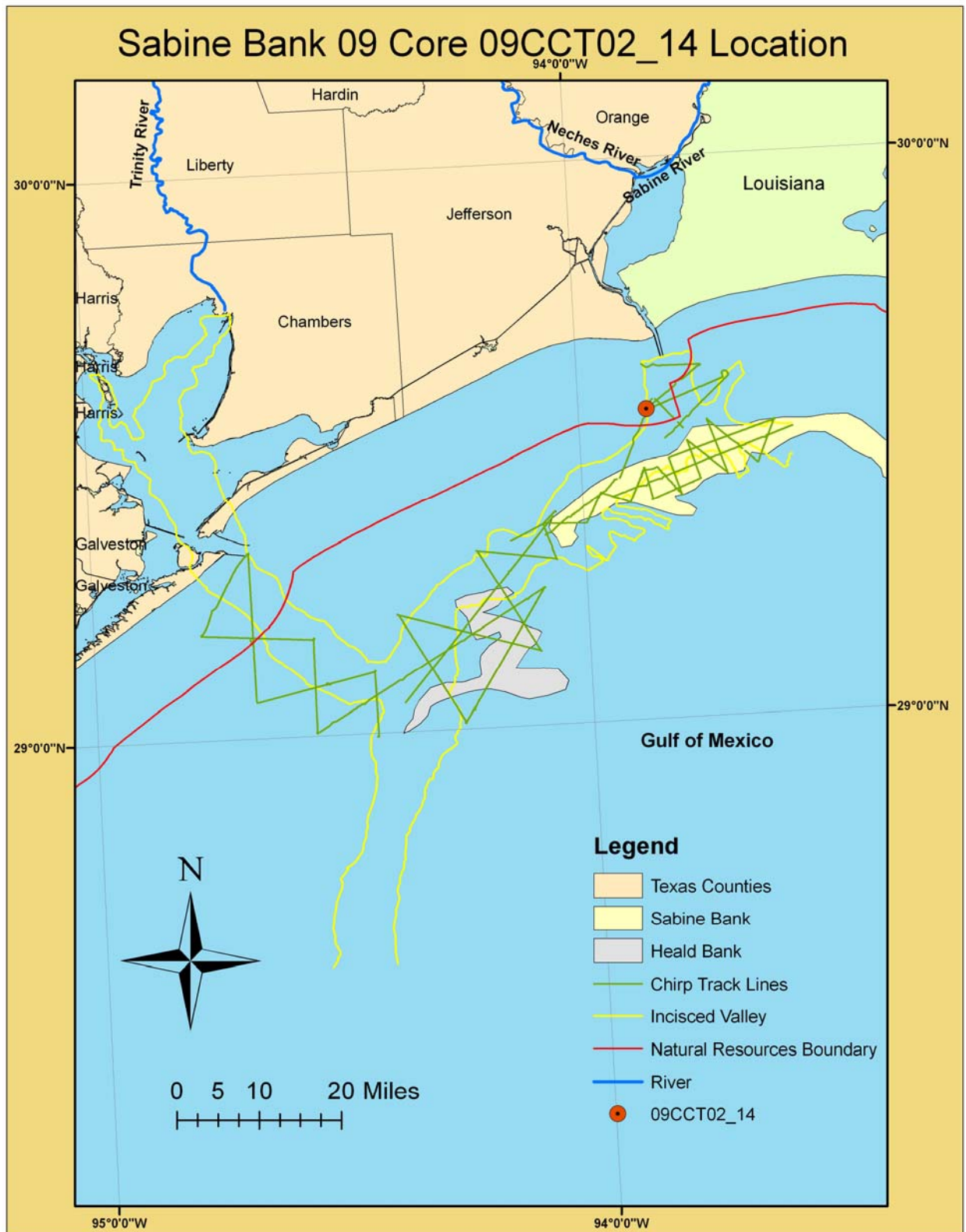
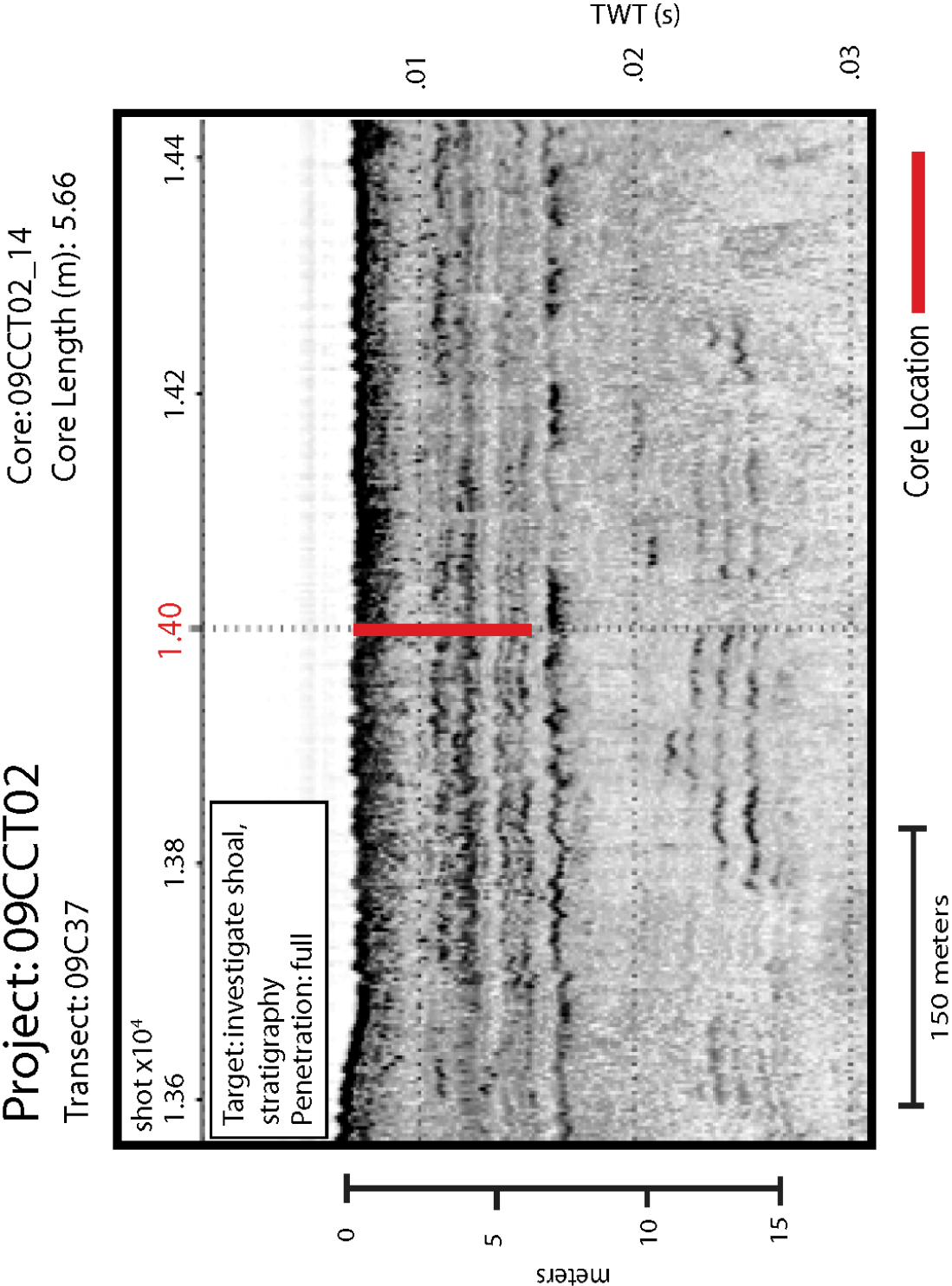
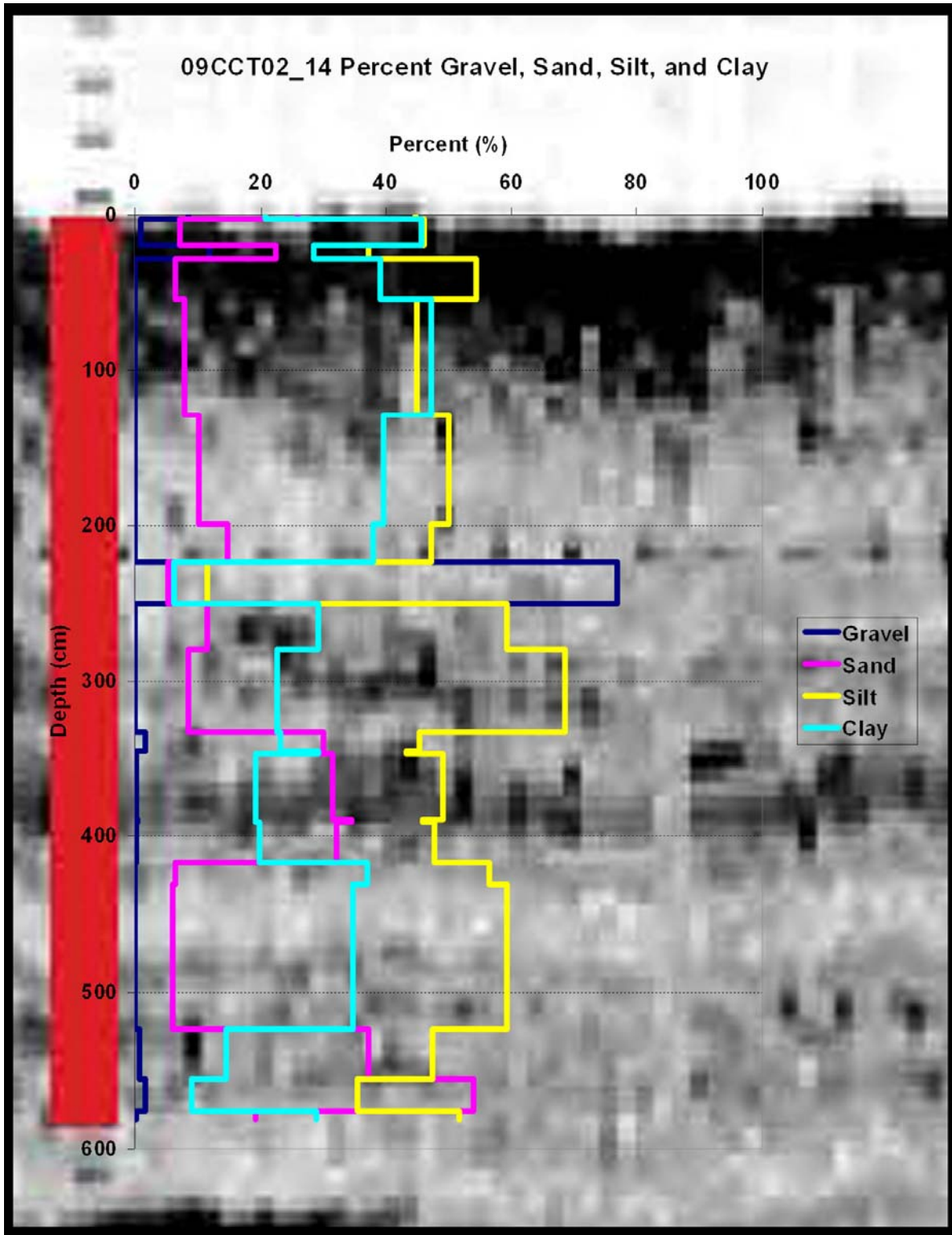


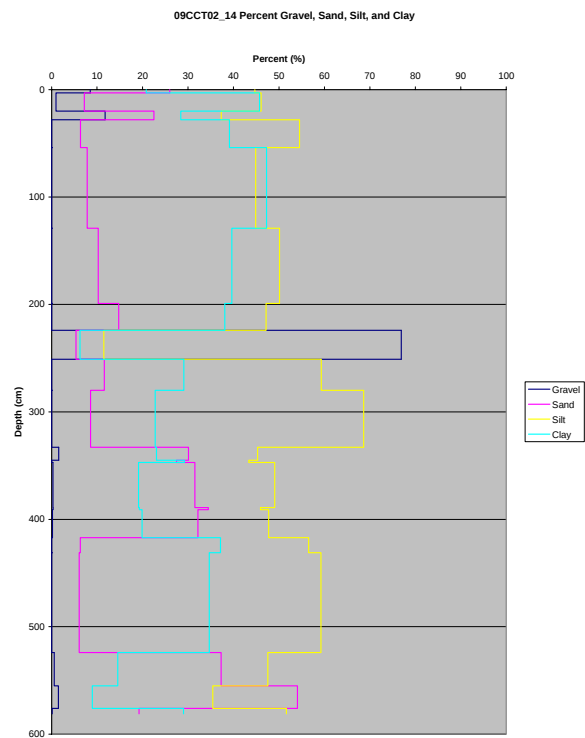
09CCT02_14 Core Location



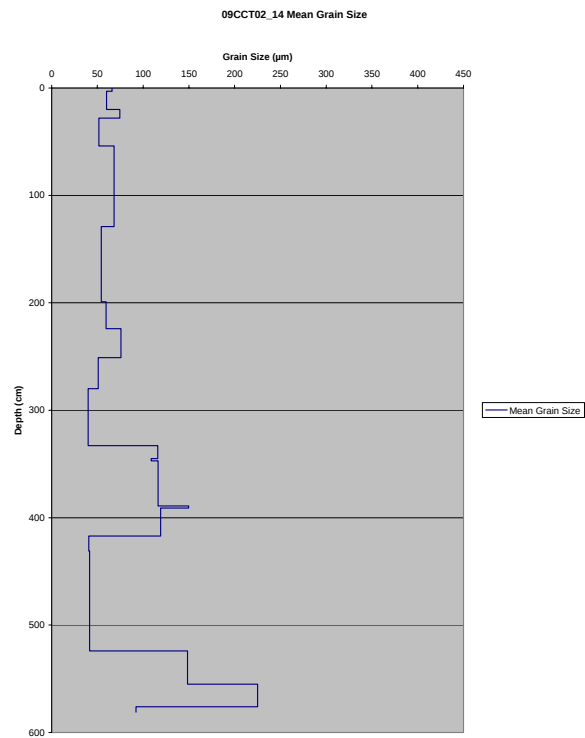




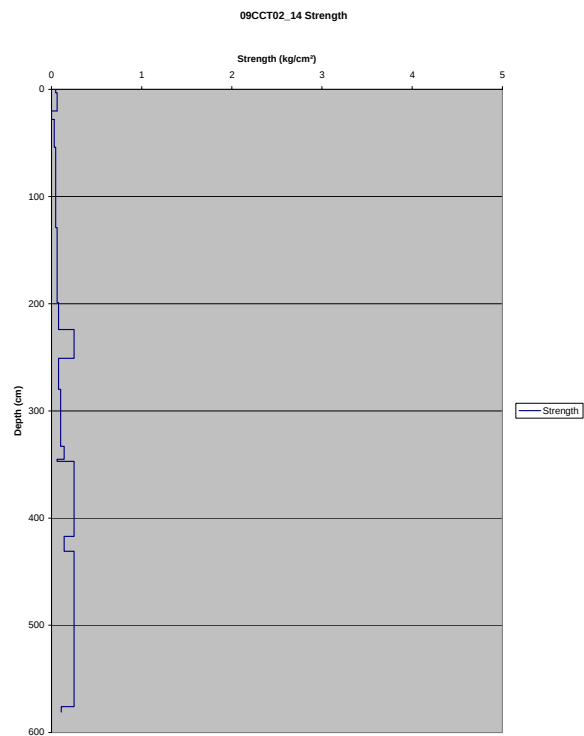
09CCT02_14 Percent Grain Size Distribution Graph



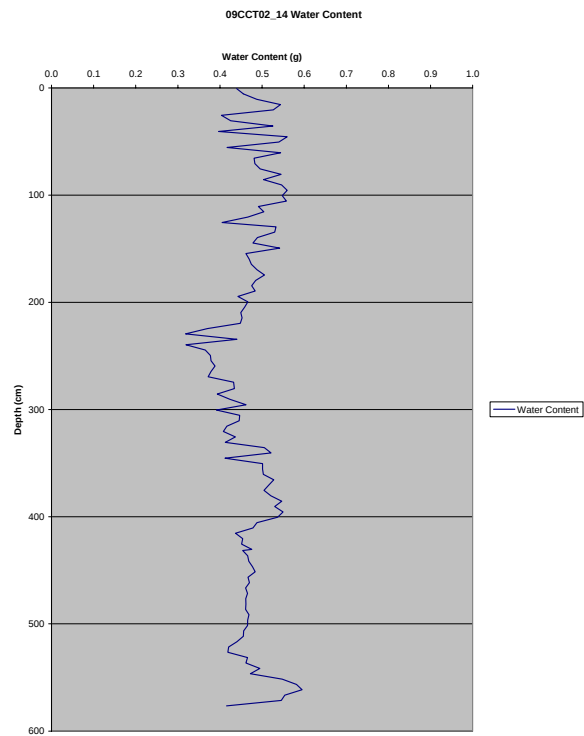
09CCT02_14 Mean Grain Size Distribution Graph



09CCT02_14 Strength Graph



09CCT02_14 Water Content Graph



09CCT02_14 Grain Size Sand Percent Table

09CCT02_14 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 (%)
0-3	87.16	5.12	1.90	1.57	1.43	1.14	0.79	0.50	0.25	0.14	100
10-15	27.10	7.93	10.03	13.34	13.13	10.78	7.83	5.35	2.83	1.69	100
25-28	70.90	18.71	3.40	1.80	1.65	1.36	0.98	0.66	0.34	0.20	100
40-45	31.72	7.21	10.79	13.09	12.22	9.70	6.86	4.60	2.39	1.43	100
110-115	18.97	8.26	12.55	15.27	14.40	11.60	8.40	5.63	3.20	1.71	100
184-189	59.40	2.56	7.23	8.56	7.54	5.77	4.02	2.68	1.40	0.83	100
214-219	71.28	3.31	4.68	5.45	4.89	3.89	2.83	1.97	1.07	0.64	100
239-244	70.03	10.42	7.00	4.86	3.15	1.99	1.22	0.75	0.37	0.21	100
274-279	63.64	8.24	8.64	7.23	5.14	3.28	1.97	1.04	0.58	0.25	100
315-320	68.51	8.29	6.27	5.12	4.00	2.99	2.14	1.40	0.85	0.43	100
335-340	52.04	19.89	12.68	7.30	3.96	2.09	1.09	0.57	0.25	0.13	100
345-350	48.12	21.35	13.83	8.07	4.38	2.27	1.16	0.48	0.24	0.10	100
370-375	55.13	18.18	11.69	7.06	3.97	2.10	1.07	0.47	0.24	0.08	100
389-394	46.26	19.53	13.36	8.67	5.33	3.17	1.83	1.06	0.50	0.28	100
400-405	50.99	21.54	13.44	7.39	3.74	1.76	0.80	0.24	0.09	0.02	100
420-425	44.43	10.18	11.48	10.83	8.65	6.13	3.95	2.45	1.20	0.69	100
466-471	39.28	11.30	13.28	11.89	9.03	6.30	4.13	2.65	1.35	0.79	100
546-551	50.03	20.13	12.72	7.65	4.39	2.46	1.35	0.75	0.34	0.19	100
561-566	47.85	19.73	12.88	8.16	4.96	2.95	1.72	0.99	0.51	0.25	100
576-581	46.96	14.84	13.06	9.99	6.63	4.03	2.30	1.29	0.58	0.32	100

09CCT02_14 Grain Size Sand Percent Table

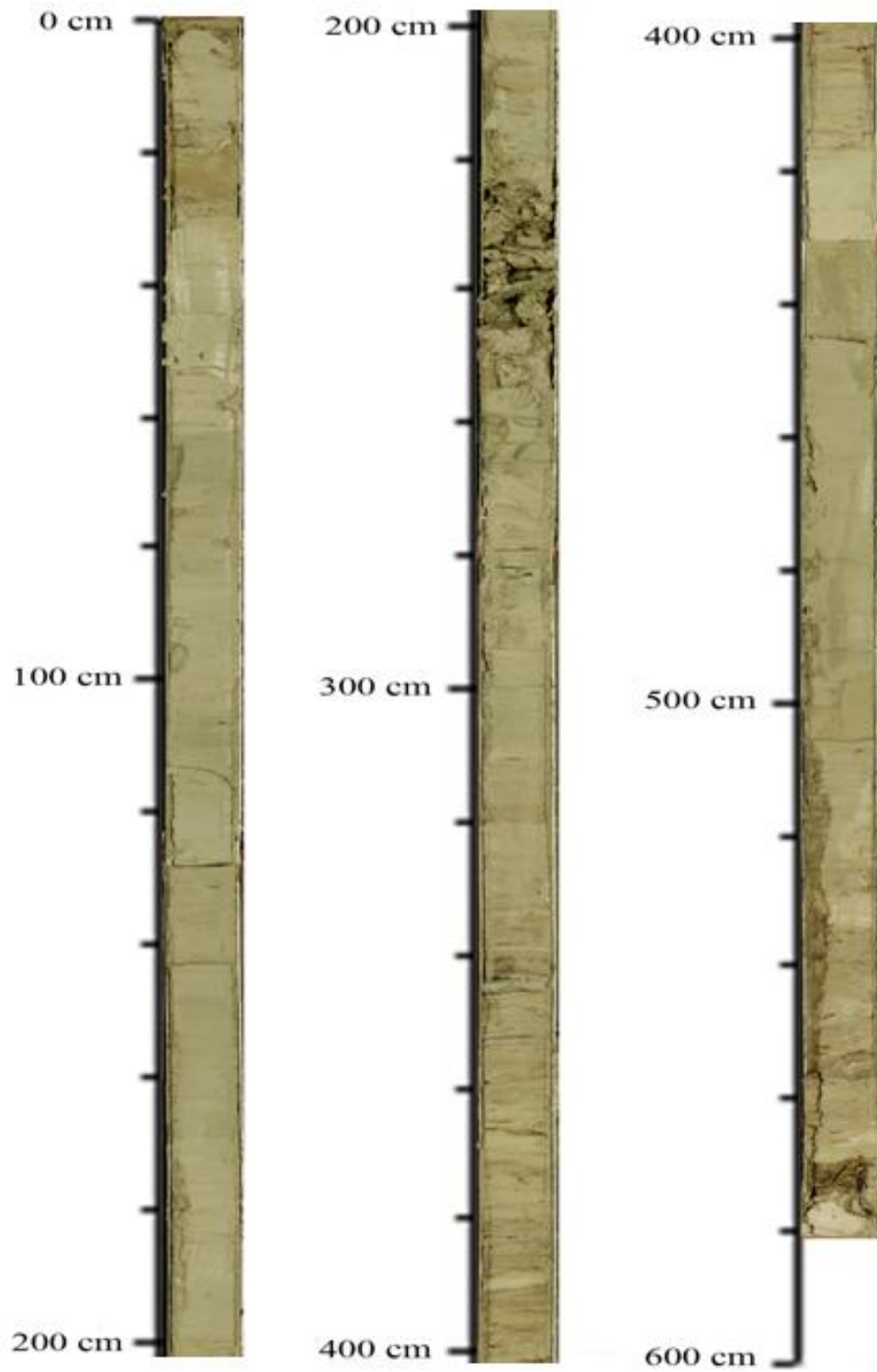
09CCT02-14											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
0-3	1.66	1.80	2.37	3.24	4.59	6.70	10.03	15.11	32.05	22.46	100
10-15	5.42	5.17	5.83	6.53	7.24	8.11	9.27	11.30	25.68	15.45	100
25-28	7.26	7.01	7.94	8.84	9.65	10.31	10.81	11.29	14.68	12.20	100
40-45	3.17	3.07	3.67	4.46	5.65	7.33	9.81	13.37	30.61	18.87	100
110-115	5.05	4.37	4.64	4.91	5.32	6.06	7.47	10.43	34.45	17.29	100
184-189	0.82	1.31	2.09	3.25	5.04	7.62	11.25	16.16	30.08	22.38	100
214-219	1.59	2.04	3.00	4.39	6.32	8.94	12.32	16.38	24.37	20.65	100
239-244	3.07	3.18	4.01	5.18	6.80	8.99	11.85	15.33	22.49	19.09	100
274-279	1.65	1.57	1.91	2.51	3.53	5.34	8.44	13.75	38.56	22.75	100
315-320	2.12	2.07	2.53	3.23	4.35	6.15	9.12	13.90	34.94	21.59	100
335-340	5.90	5.29	5.81	6.51	7.49	8.85	10.73	13.21	19.93	16.27	100
345-350	6.72	5.96	6.45	7.08	7.94	9.10	10.66	12.68	18.23	15.18	100
370-375	5.24	4.76	5.28	5.99	6.99	8.41	10.46	13.33	22.33	17.22	100
389-394	6.40	5.70	6.19	6.83	7.70	8.89	10.54	12.74	19.40	15.60	100
400-405	6.38	5.64	6.07	6.64	7.45	8.58	10.22	12.57	20.57	15.87	100
420-425	2.35	1.92	1.99	2.28	2.88	4.27	7.07	12.44	42.23	22.57	100
466-471	3.18	2.76	3.06	3.56	4.40	5.82	8.33	12.56	36.14	20.18	100
546-551	6.33	5.64	6.12	6.73	7.55	8.68	10.28	12.54	20.40	15.73	100
561-566	6.50	5.83	6.35	7.02	7.89	9.06	10.64	12.75	18.55	15.41	100
576-581	4.56	4.18	4.70	5.43	6.47	7.95	10.11	13.25	25.46	17.90	100

09CCT02_14 Tables

Mean Grain Size 09CCT02-14	
Depth (cm)	Mean Grain Size (μm)
0-3	65.95
10-15	60.00
25-28	74.52
40-45	51.69
110-115	68.27
184-189	54.32
214-219	59.49
239-244	75.84
274-279	51.05
315-320	39.94
335-340	115.87
345-350	108.80
370-375	116.33
389-394	149.65
400-405	119.18
420-425	40.69
466-471	41.59
546-551	148.45
561-566	224.95
576-581	92.27

Strength 09CCT02-14	
Interval (cm)	Strength (kg/cm ²)
0-3	0.0469
3-20	0.0625
20-28	0.0000
28-54	0.0314
54-129	0.0469
0-70	0.0625
70-95	0.0781
95-122	0.2500
122-151	0.0781
0-53	0.1009
53-65	0.1407
65-67	0.0625
67-109	0.2500
109-111	0.2500
111-137	0.2500
137-151	0.1407
0-93	0.2500
93-124	0.2500
124-145	0.2500
145-150	0.1094

09CCT02_14 Core Pictures



09CCT02_14 Core Log

Core#: 09CCT02-14-01

Core Date: 17-Jun-09

Date Split/subsampled	Length: 124cm
30-Jun-09	E: 416467
	N: 3269461

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-3	0-3cm		0-3cm Dark brown clay
3-5	10YR		
5-10	3/1		3-20cm Light grey silty clay
10-15			
15-20	3-20cm		20-28cm Dark brown soft clay
20-25	Gley 2		
25-28	5/10B		28-54cm Grey clay w/sparse shell
28-30	20-28cm		
30-35	10YR		
35-40	3/2		54-129cm Grey clay w/soft spots and shell spots
40-45	28-54cm		
45-50	Gley 2		
50-55	5/5BG		
55-60	54-129cm		
60-65	Gley 2		
65-70	5/5BG		
70-75			
75-80			
80-85			
85-90			
90-95			
95-100			
100-105			
105-110			
110-115			
115-120			
120-125			
125-129			

09CCT02_14 Core Log

Core#: 09CCT02_14-02

Core Date: 17-Jun-09

Date Split/subsampled	Length: 151 cm
02-Jul-09	E: 416462
	N: 3269461

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
129-134	129-149 cm		129-149 cm grey compacted
134-139	G/ey 2		clay
139-144	5/5BG		
144-149			
149-154	149-224 cm		149-224 cm grey compacted
154-159	G/ey 2		clay w/ trace of brown clay
159-164	5/10BG		
164-169			
169-174	224-251 cm		224-251 cm Big shells w/ grey
174-179	G/ey 2		silty clay
179-184	4/5B		
184-189			
189-194	251-280 cm		251-280 cm grey compacted
194-199	G/ey 2		clay
199-204	4/10BG		
204-209			
209-214			
214-219			
219-224			
224-229			
229-234			
234-239			
239-244			
244-249			
249-251			
251-254			
254-259			
259-264			
264-269			
269-274			
274-279			
279-280			

09CCT02_14 Core Log

Core#: 09CCT02-14-03

Core Date: 17-Jun-09

Date Split/subsampled	Length: 151 cm
02-Jul-09	E: 416467
	N: 3269461

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
280-285	280-333cm		280-333cm Grey compacted
285-290	Grey 2		clay
290-295	5/5 BG		
295-300	333-345cm		333-345cm Grey compacted silty
300-305	Grey 2		clay w/ spots of plant material
305-310	5/10 BG		and black layers of clay
310-315	345-347cm		345-347cm Light grey soft
315-320	Grey 2		silty clay
320-325	5/5 BG		
325-330	347-389cm		347-389cm Dark grey clay w/lem
330-335	Grey 2		layers of plant materials and
335-340	5/10 BG		black clay layers
340-345	389-391cm		389-391cm light grey clay
345-347	Grey 2		
347-350	5/10 BG		391-417cm Dark grey compacted
350-355	417-431cm		silty clay w/ layers and spots
355-360	Grey 2		of plant material and layers of
360-365	5/5 BG		black clay
365-370			417-431cm Grey compacted
370-375			silty clay
375-380			
380-385			
385-389			
389-390			
390-391			
391-395			
395-400			
400-405			
405-410			
410-415			
415-417			
417-420			
420-425			
425-430			
430-431			

09CCT02_14 Core Log

Core#: 09CCT02-14-04

Core Date: 17-Jun-09

Date Split/subsampled	Length: <u>180cm</u>
<u>02-Jul-09</u>	E: <u>416467</u>
	N: <u>3269461</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
431-436	431-524cm		431-524cm Hard grey clay
436-441	Grey 2		
441-446	5/10BG		
446-451			524-555cm Dark Brown clay
451-456	524-555cm		w/plant material and alternate
456-461	10yR		layers of dark grey clay
461-466	3/2		
466-471			555-576cm Dark Brown clay
471-476	555-576cm		w/plant material
476-481	10yR		
481-486	2/1		576-581cm Grey silty clay
486-491	576-581cm		
491-496	Grey 2		
496-501	5/5BG		
501-506			
506-511			
511-516			
516-521			
521-524			
524-526			
526-531			
531-536			
536-541			
541-546			
546-551			
551-556			
556-561			
561-566			
566-571			
571-576			
576-581			