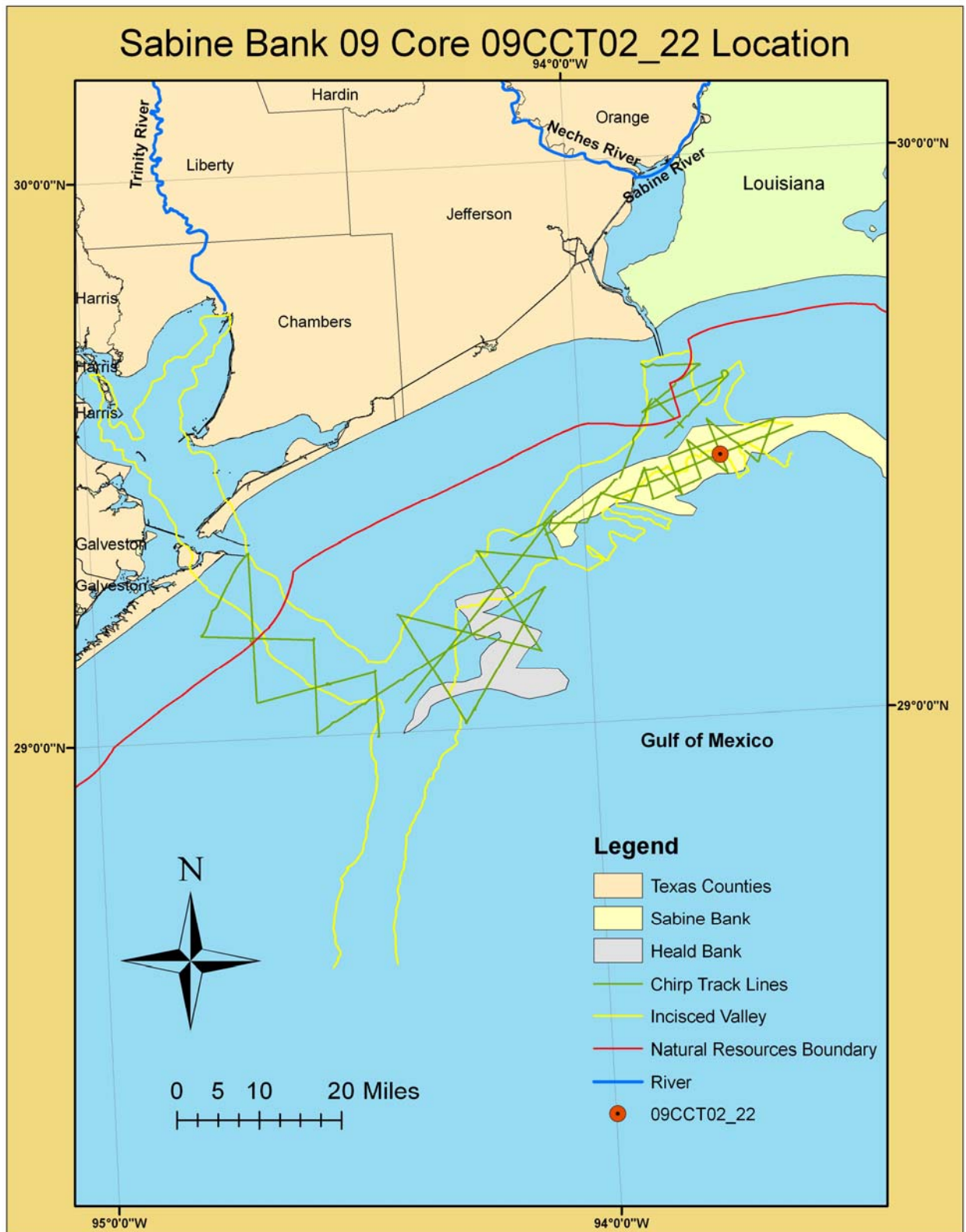
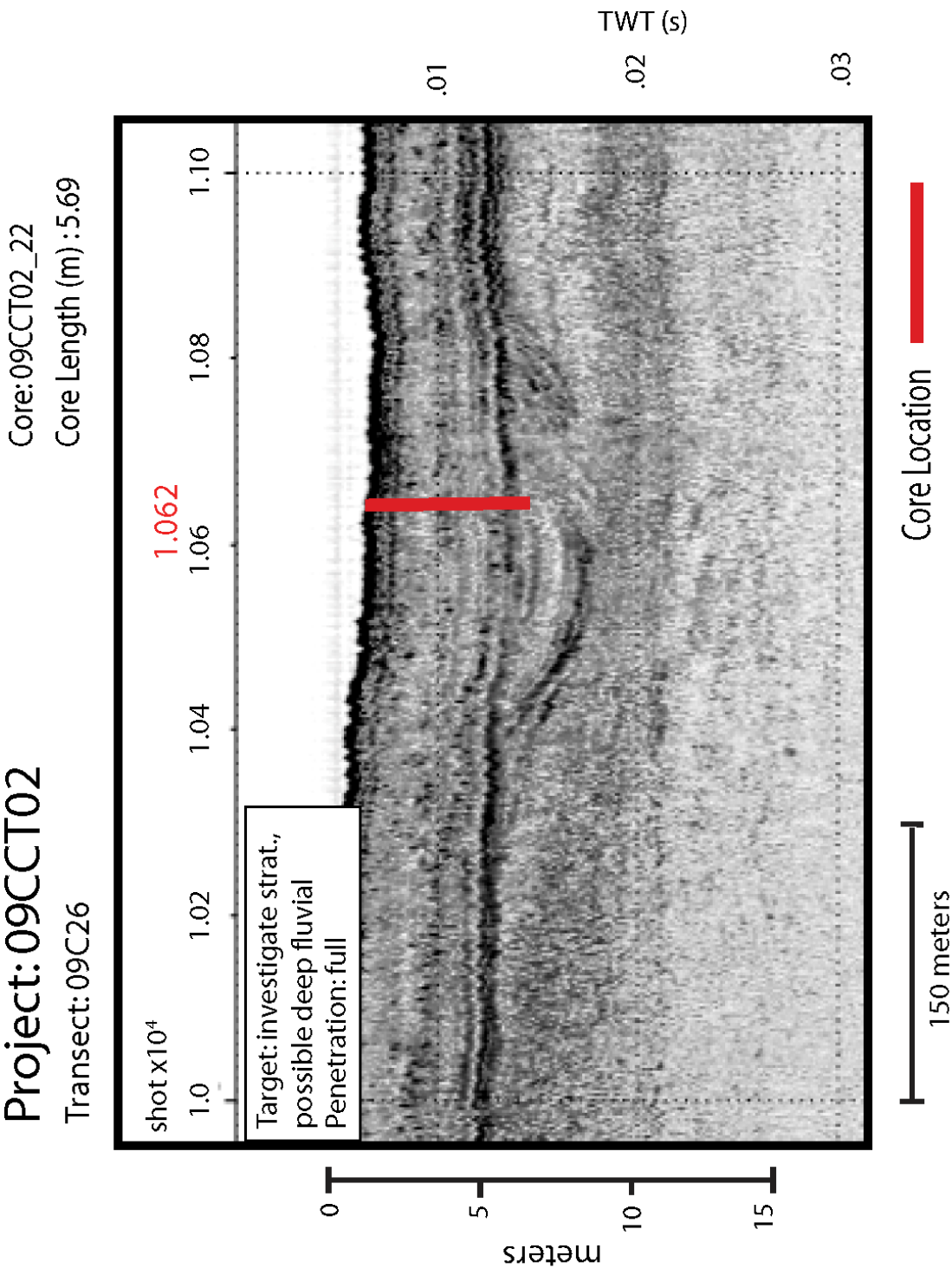
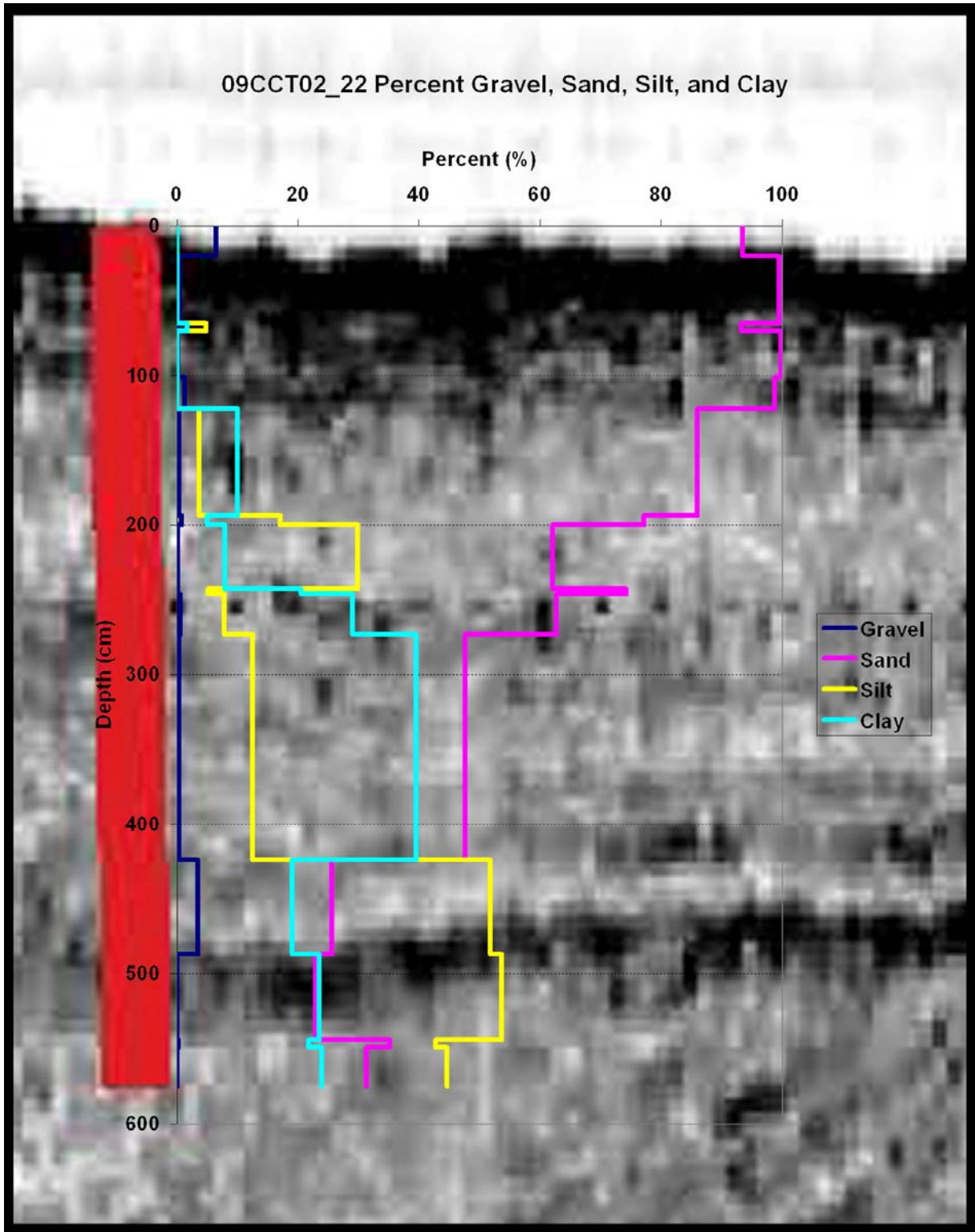


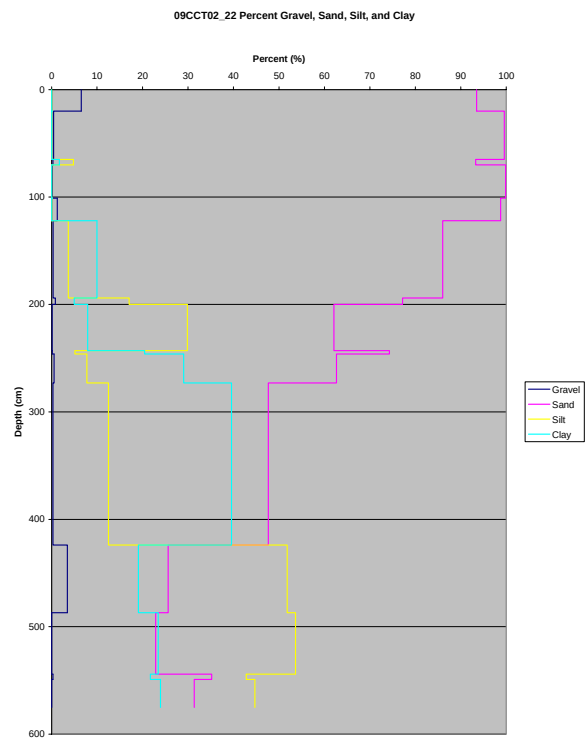
09CCT02_22 Core Location



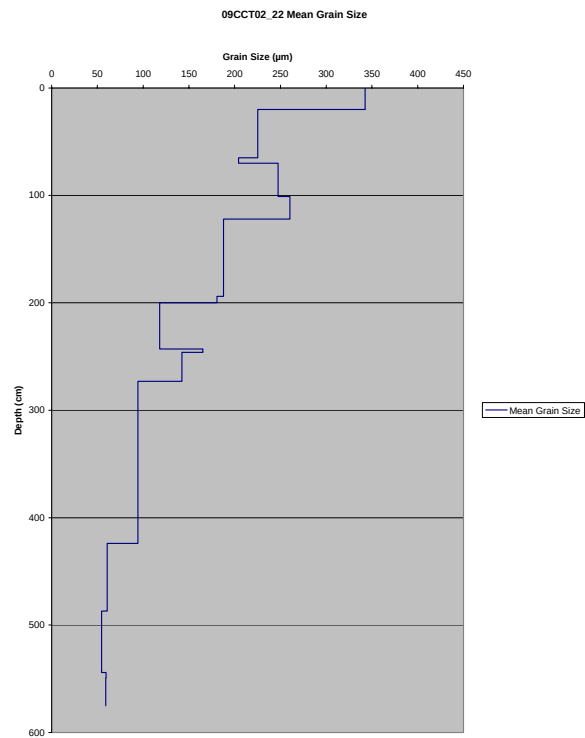




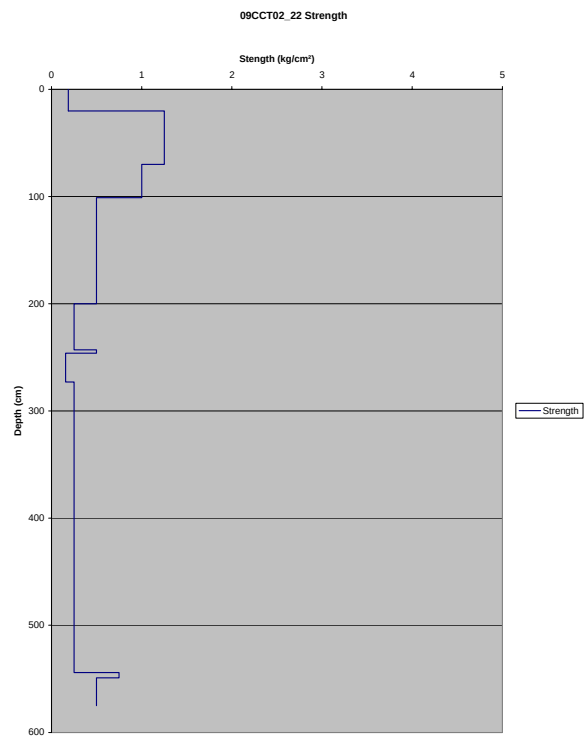
09CCT02_22 Percent Grain Size Distribution Graph



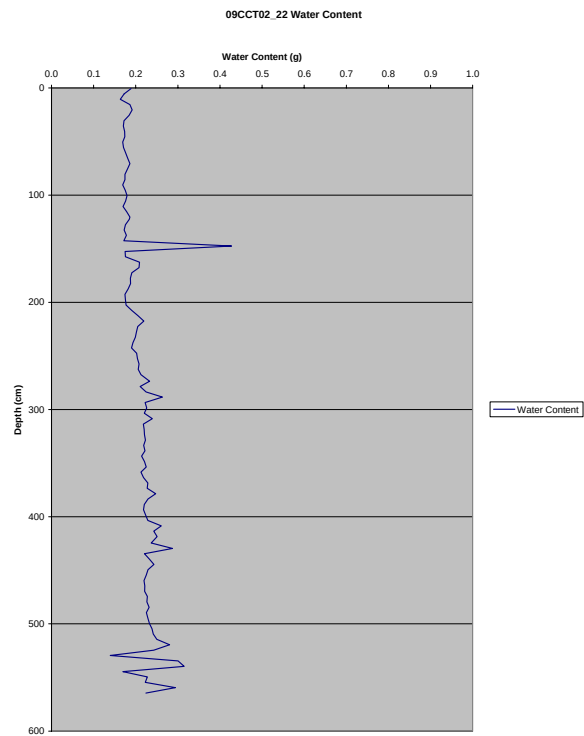
09CCT02_22 Mean Grain Size Distribution



09CCT02_22 Strength Graph



09CCT02_22 Water Content Graph



09CCT02_22 Grain Size Sand Percent Table

09CCT02 22 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 (%)
10-15	49.60	32.09	8.44	3.63	2.38	1.64	1.07	0.65	0.34	0.17	100
45-50	69.62	28.65	1.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
65-70	72.46	26.32	1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
90-95	64.81	30.34	3.65	0.20	0.17	0.25	0.24	0.18	0.10	0.06	100
105-110	64.51	29.12	3.55	0.52	0.55	0.60	0.50	0.36	0.19	0.11	100
167-172	75.06	22.22	1.74	0.16	0.22	0.22	0.17	0.11	0.07	0.03	100
197-202	77.31	16.92	1.75	0.93	0.99	0.83	0.59	0.38	0.19	0.11	100
237-242	86.54	10.93	0.89	0.49	0.47	0.34	0.20	0.09	0.03	0.02	100
243-246	79.57	15.11	1.77	0.90	0.86	0.71	0.50	0.32	0.16	0.10	100
262-267	82.72	11.70	0.82	0.80	1.12	1.04	0.79	0.55	0.29	0.17	100
348-353	88.11	8.56	0.87	0.62	0.61	0.50	0.37	0.20	0.11	0.06	100
469-474	89.88	4.03	1.35	1.37	1.16	0.87	0.61	0.38	0.23	0.11	100
514-519	87.80	3.98	2.42	2.48	1.81	1.04	0.40	0.06	0.00	0.00	100
544-549	95.30	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
559-564	92.57	5.66	0.21	0.47	0.43	0.29	0.18	0.10	0.05	0.03	100

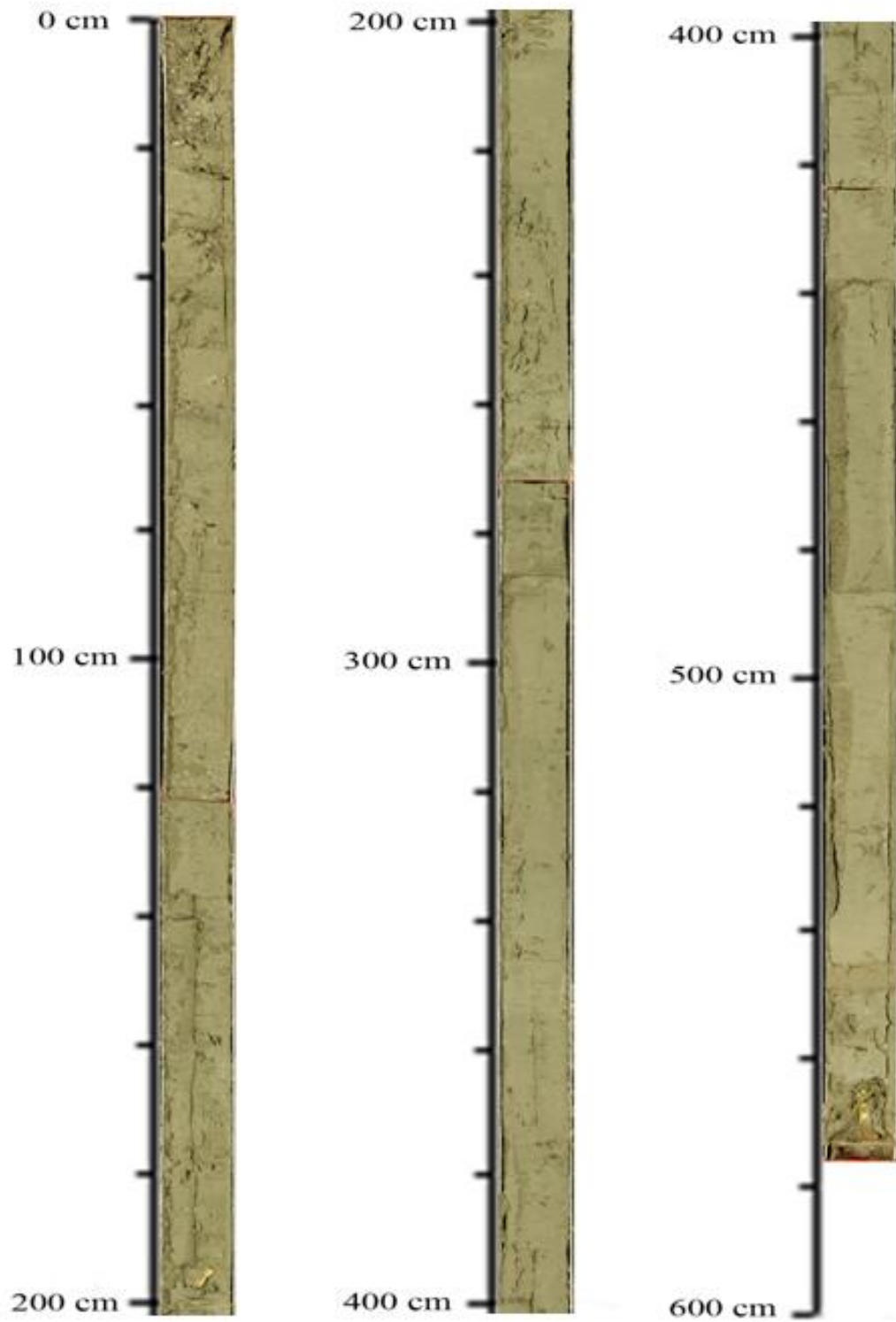
09CCT02-22											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
10-15	14.47	13.10	13.87	14.18	13.79	12.46	9.94	6.25	0.00	1.93	100
45-50	12.56	12.04	13.32	14.16	14.23	13.19	10.75	6.97	0.10	2.68	100
65-70	11.60	11.27	12.63	13.64	13.97	13.30	11.28	7.91	0.59	3.81	100
90-95	12.46	11.70	12.81	13.58	13.76	13.05	11.14	7.83	0.17	3.51	100
105-110	12.24	11.56	12.71	13.54	13.78	13.13	11.27	7.98	0.18	3.61	100
167-172	9.19	9.05	10.38	11.62	12.57	12.95	12.40	10.60	3.77	7.46	100
197-202	7.21	7.28	8.56	9.89	11.11	12.04	12.43	12.01	8.82	10.65	100
237-242	4.73	5.00	6.16	7.53	9.04	10.65	12.26	13.74	15.95	14.94	100
243-246	6.30	6.43	7.66	9.00	10.34	11.55	12.43	12.74	11.27	12.29	100
262-267	5.16	5.37	6.52	7.82	9.23	10.68	12.09	13.36	15.36	14.41	100
348-353	3.72	4.00	5.01	6.27	7.76	9.54	11.64	14.14	20.78	17.13	100
469-474	1.79	2.05	2.74	3.70	5.05	6.98	9.87	14.31	32.24	21.27	100
514-519	1.62	1.86	2.50	3.42	4.74	6.68	9.65	14.30	33.51	21.72	100
544-549	3.21	3.77	5.05	6.64	8.53	10.64	12.85	14.91	17.88	16.52	100
559-564	3.24	3.72	4.90	6.37	8.13	10.15	12.38	14.67	19.50	16.94	100

09CCT02_22 Tables

Mean Grain Size 09CCT02-22	
Depth (cm)	Mean Grain Size (μm)
10-15	342.57
45-50	225.39
65-70	204.30
90-95	247.35
105-110	260.34
167-172	187.74
197-202	180.72
237-242	118.15
243-246	165.21
262-267	142.40
348-353	94.24
469-474	60.69
514-519	54.55
544-549	59.41
559-564	59.10

Strength 09CCT02-22	
Interval (cm)	Strength (kg/cm²)
0-20	0.1875
20-65	1.2500
65-70	1.2500
70-101	1.0000
101-122	0.5000
0-72	0.5000
72-78	0.5000
78-121	0.2500
121-124	0.5000
124-151	0.1562
0-151	0.2500
0-63	0.2500
63-120	0.2500
120-125	0.7500
125-151	0.5000

09CCT02_22 Core Pictures



09CCT02_22 Core Logs

Core#: 09CCT02-22-01

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>122 cm</u>
<u>24-Jun-09</u>	E: <u>430345</u>
	N: <u>3259602</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5 5-10 10-15 15-20 20-25 25-30 30-35 35-40 40-45 45-50 50-55 55-60 60-65 65-70 70-75 75-80 80-85 85-90 90-95 95-100 101-105 105-110 110-115 115-120 120-122	0-20 cm Gley 2 2.5/10G 20-65 cm Gley 2 3/10G 65-70 cm Gley 2 3/5 B 70-101 cm Gley 2 4/5 BG 101-122 cm Gley 2 4/5 BG		0-20 cm Dark grey sand w/shells 20-65 cm Grey sand compacted w/sparse shells 65-70 cm Dark grey silty sand 70-101 cm Grey compacted sand w/sparse shells 101-122 cm Grey soft sand w/sparse shells

09CCT02_22 Core Logs

Core#: 09CCT02-22-02

Core Date: 19-Jun-09

Date Split/subsampled	Length: 151 cm
24-Jun-09	E: 430345
	N: 3259602

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
122-127	122-194cm		122-194 cm Grey sand
127-132	Gley 2		w/sparse shells
132-137	4/5 BG		
137-142			
142-147	194-200cm		194-200cm Grey sand
147-152	Gley 2		w/big shale
152-157	4/5 BG		
157-162			
162-167	200-243cm		200-243cm Grey Silty Sand
167-172	Gley 2		
172-177	5/10 B		
177-182			
182-187	243-246cm		243-246cm small shells
187-192	Gley 2		w/grey silty sand
192-197	4/5 BG		
197-200	246-273cm		246-273cm Grey silt
200-202	Gley 2		w/sparse shell
202-207	4/5 BG		
207-212			
212-217			
217-222			
222-227			
227-232			
232-237			
237-242			
242-247			
247-252			
252-257			
257-262			
262-267			
267-262			

09CCT02_22 Core Logs

Core#: 09CCT02-22-03

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>151 cm</u>
<u>25-Jun-09</u>	E: <u>430345</u>
	N: <u>3259602</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
273-278	273-424cm		273-424cm Dark grey
278-283	Grey 2		compacted silt
283-288	3/5 BG		
288-293			
293-298			
298-303			
303-308			
308-313			
313-318			
318-323			
323-328			
328-333			
333-338			
338-343			
343-348			
348-353			
353-358			
358-363			
363-368			
368-373			
373-378			
378-383			
383-388			
388-393			
393-398			
398-403			
403-408			
408-413			
413-418			
418-423			

09CCT02_22 Core Logs

Core#: 09CCT02-22-04

Core Date: 19-Jun-09

Date Split/subsampled	Length: <u>151 cm</u>
<u>25-Jun-09</u>	E: <u>430345</u>
	N: <u>3259602</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
424-429	424-487cm		424-487cm Dark grey
429-434	Gley 2		compacted silt
434-439	4/5 B		
439-444			
444-449	487-544cm		487-544cm Dark grey
449-454	Gley 2		compacted clay silt
454-459	4/10 BG		
459-464			
464-469	544-549cm		544-549cm Dark grey
469-474	Gley 2		silty sand
474-479	4/5 BG		
479-484			
484-489	549-575cm		549-575cm Dark grey
489-494	Gley 2		compacted clay silt
494-499	4/10 B		
499-504			
504-509			
509-514			
514-519			
519-524			
524-529			
529-534			
534-539			
539-544			
544-549			
549-554			
554-559			
559-564			
564-569			
569-574			