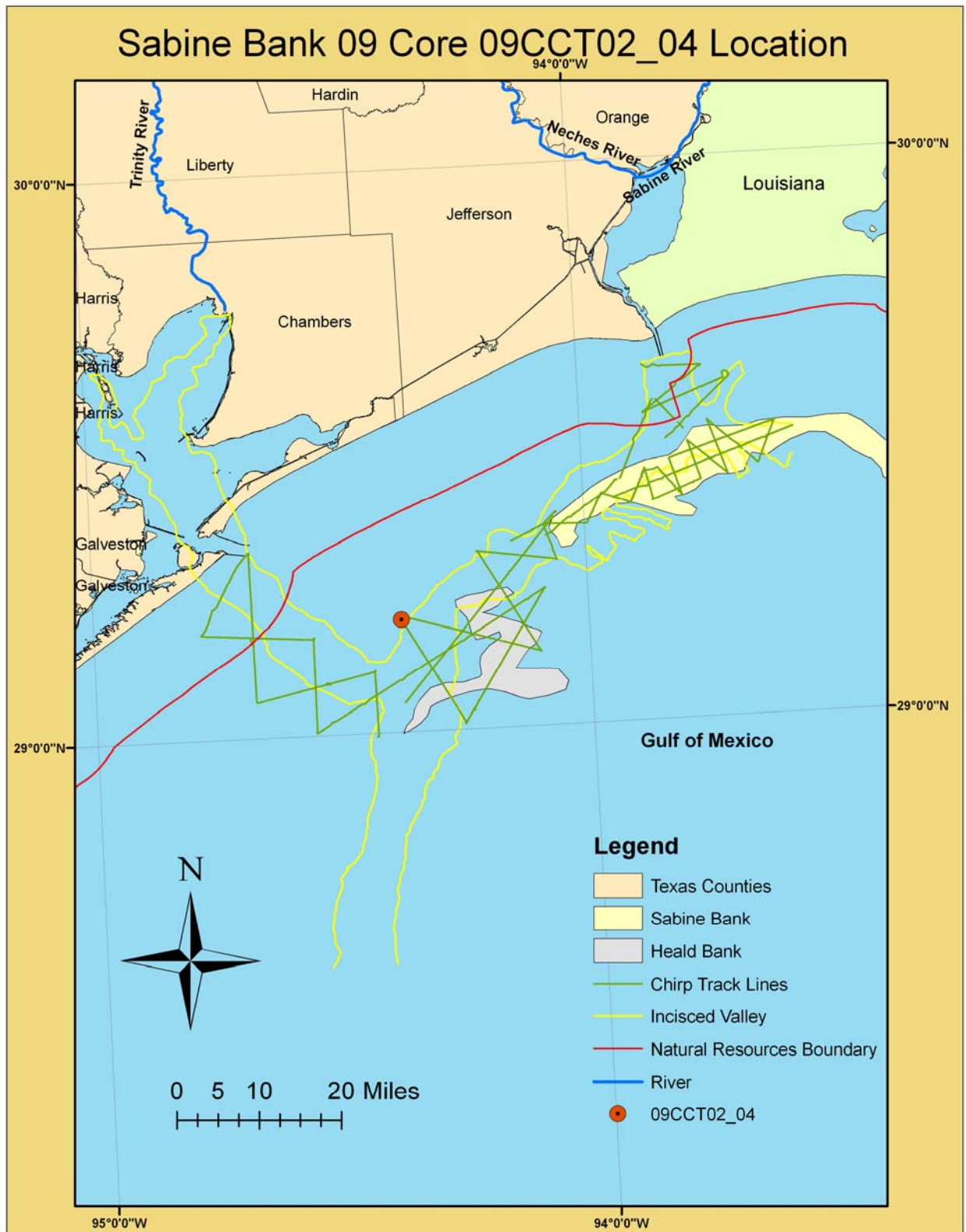


09CCT02_04 Core Location



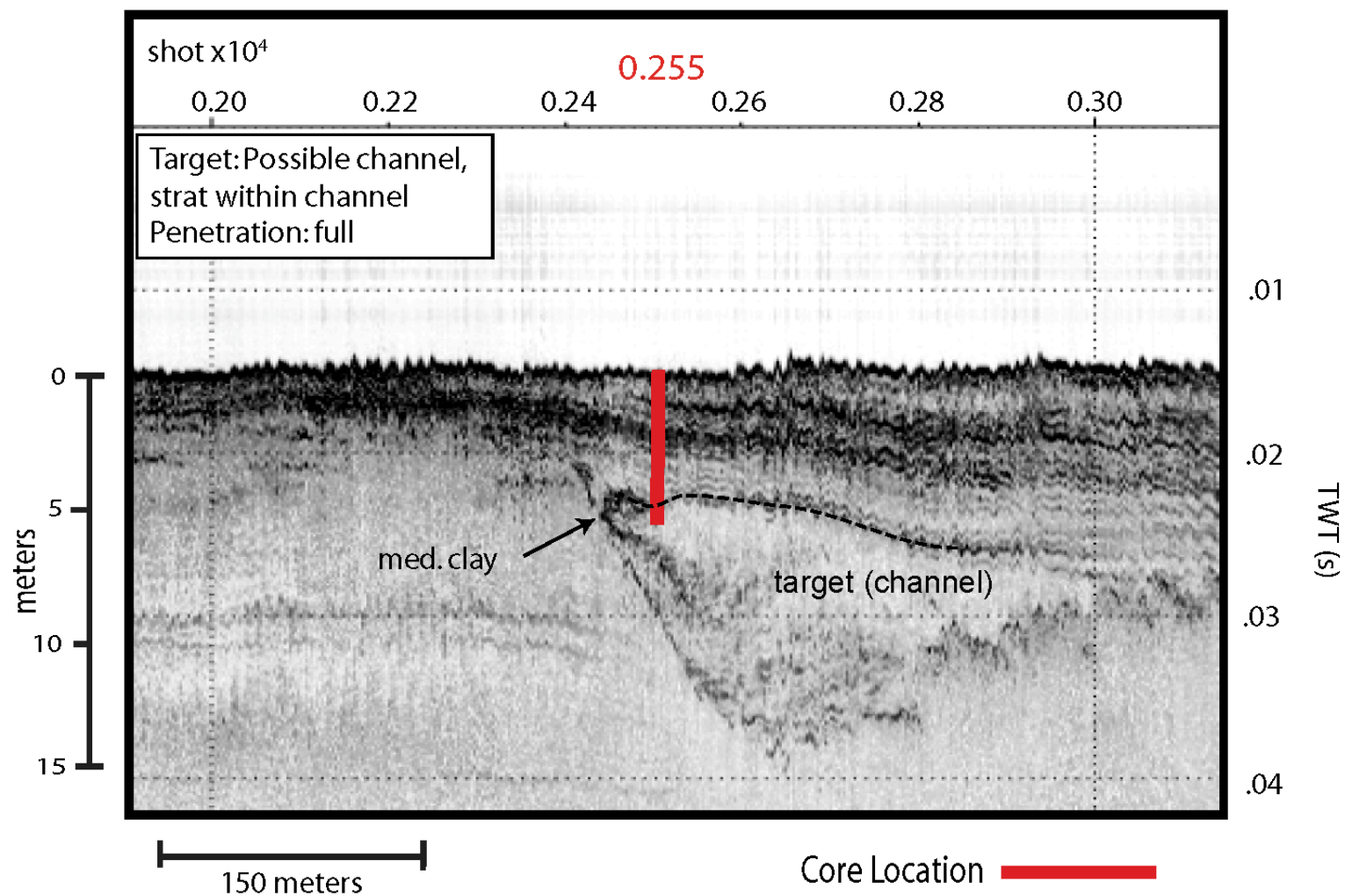
Project: 09CCT02

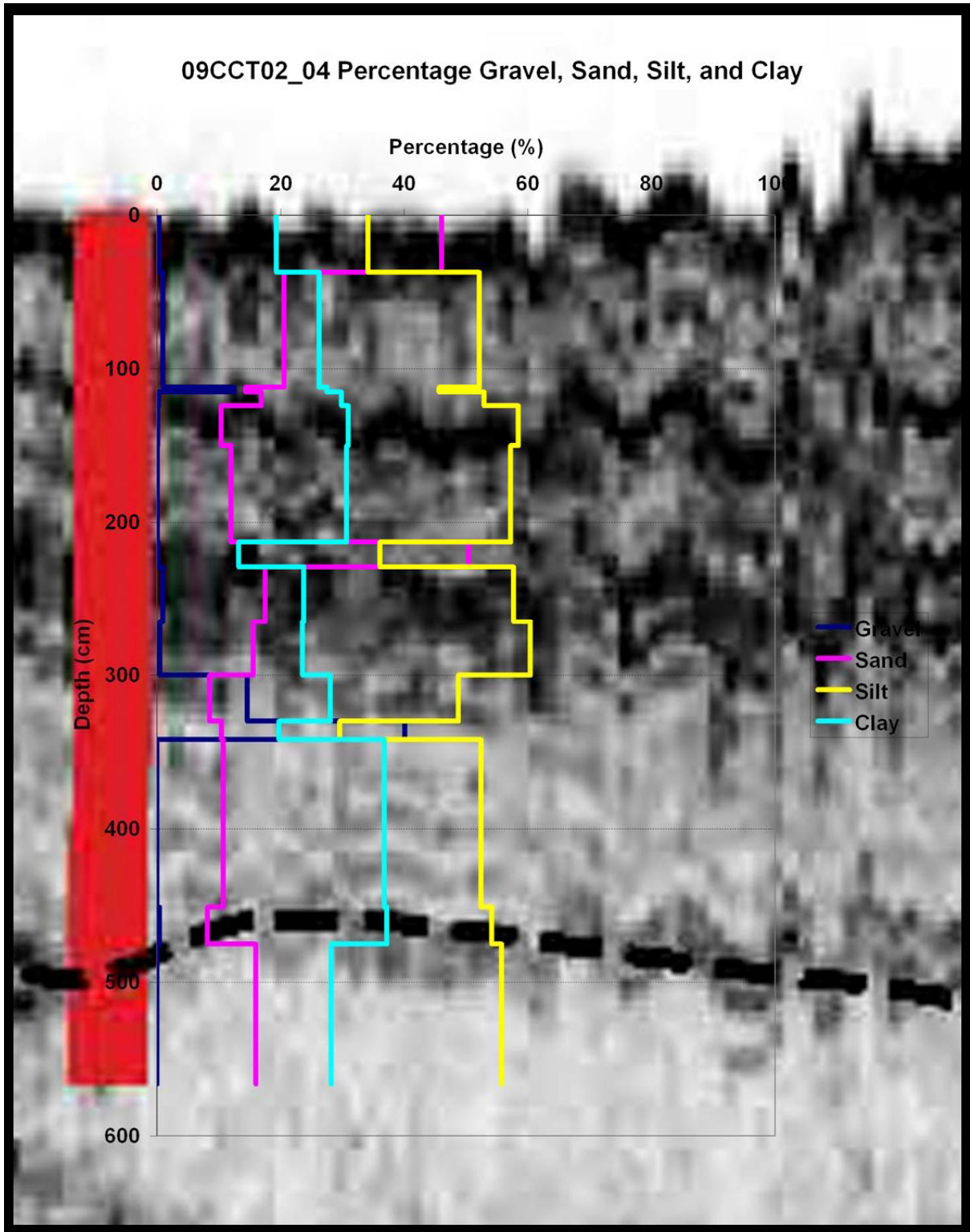
Transect: 09C49

Core: 09CCT02_04

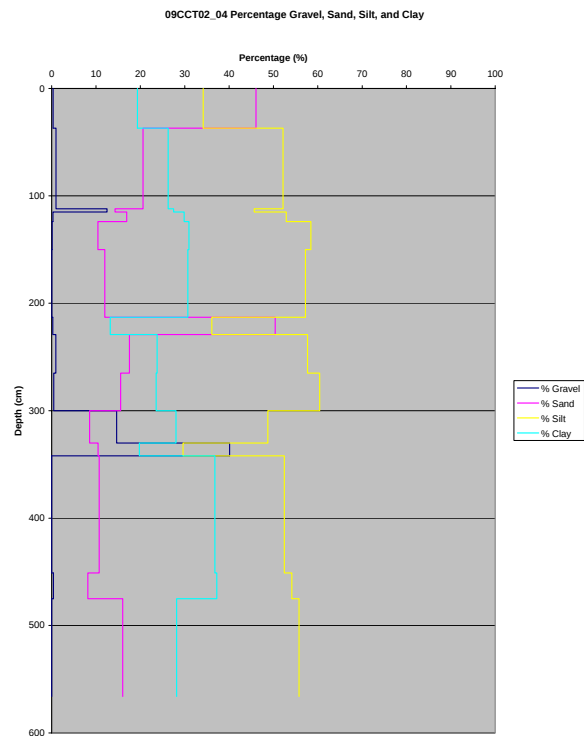
Core Length (m) : 5.63

09CCT02_04 Seismic

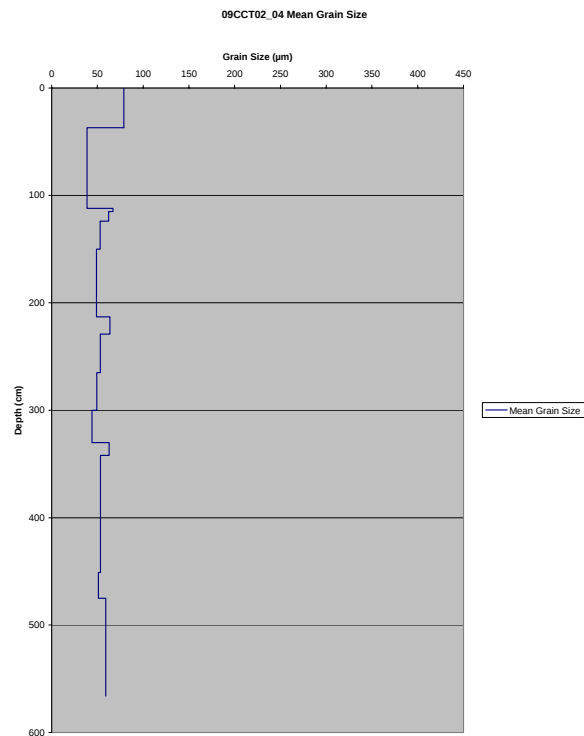




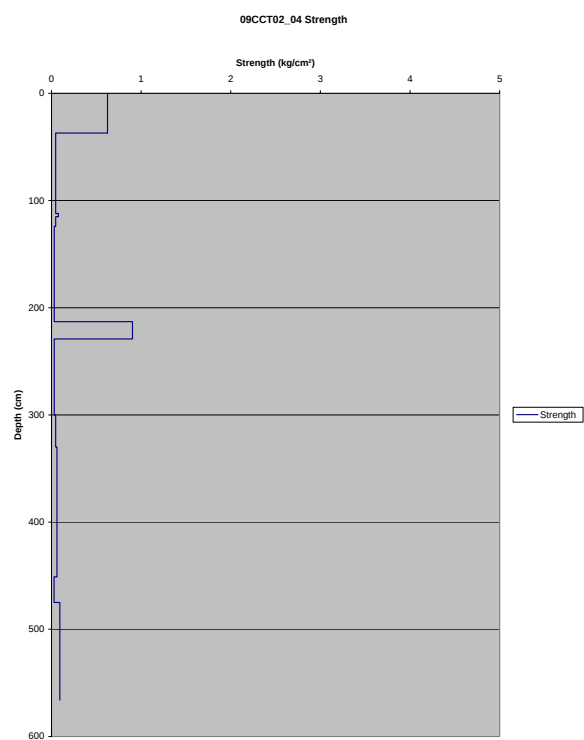
09CCT02_04 Percent Grain Size Distribution Graph



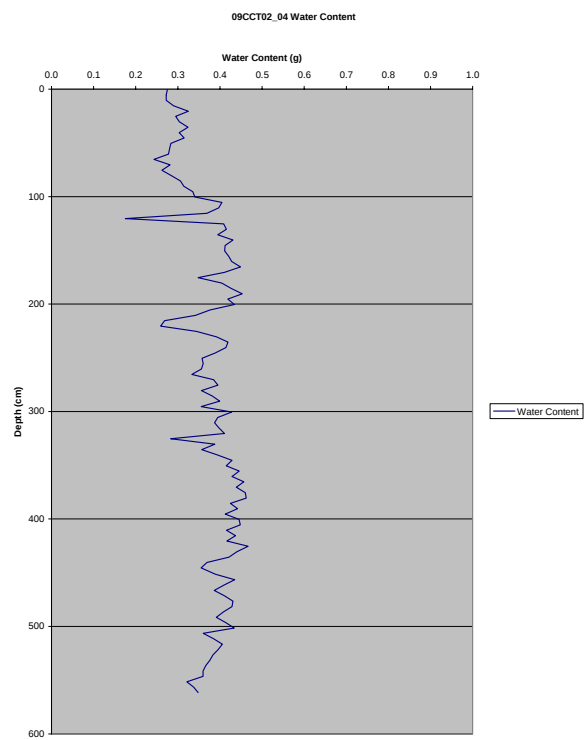
09CCT02_04 Mean Grain Size Graph



09CCT02_04 Strength Graph



09CCT02_04 Water Content Graph



09CCT02_04 Grain Size Sand Percent Table

09CCT02_04 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 (%)
20-25	91.04	8.93	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
85-90	96.18	3.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
112-115	75.25	1.61	1.42	4.52	5.46	4.69	3.31	2.12	1.04	0.60	100
120-124	68.39	9.87	6.71	5.23	3.86	2.62	1.63	0.97	0.45	0.25	100
135-140	62.85	6.17	6.25	7.00	6.30	4.77	3.17	1.97	0.96	0.55	100
180-185	77.30	1.89	2.80	3.80	4.16	3.68	2.79	1.94	1.03	0.62	100
215-220	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
260-265	84.54	2.52	3.16	2.70	2.31	1.83	1.31	0.89	0.46	0.27	100
290-295	82.78	3.99	3.73	2.99	2.40	1.74	1.16	0.66	0.38	0.17	100
310-315	64.84	8.89	8.83	6.87	4.64	2.84	1.64	0.83	0.45	0.18	100
335-340	68.99	7.75	7.68	6.06	4.11	2.52	1.48	0.78	0.44	0.19	100
400-405	58.83	7.37	8.56	7.57	6.05	4.52	3.17	2.13	1.13	0.67	100
456-461	51.11	6.47	8.61	8.73	7.82	6.34	4.70	3.32	1.81	1.09	100
536-541	71.79	7.49	6.34	4.94	3.58	2.45	1.59	1.02	0.51	0.30	100

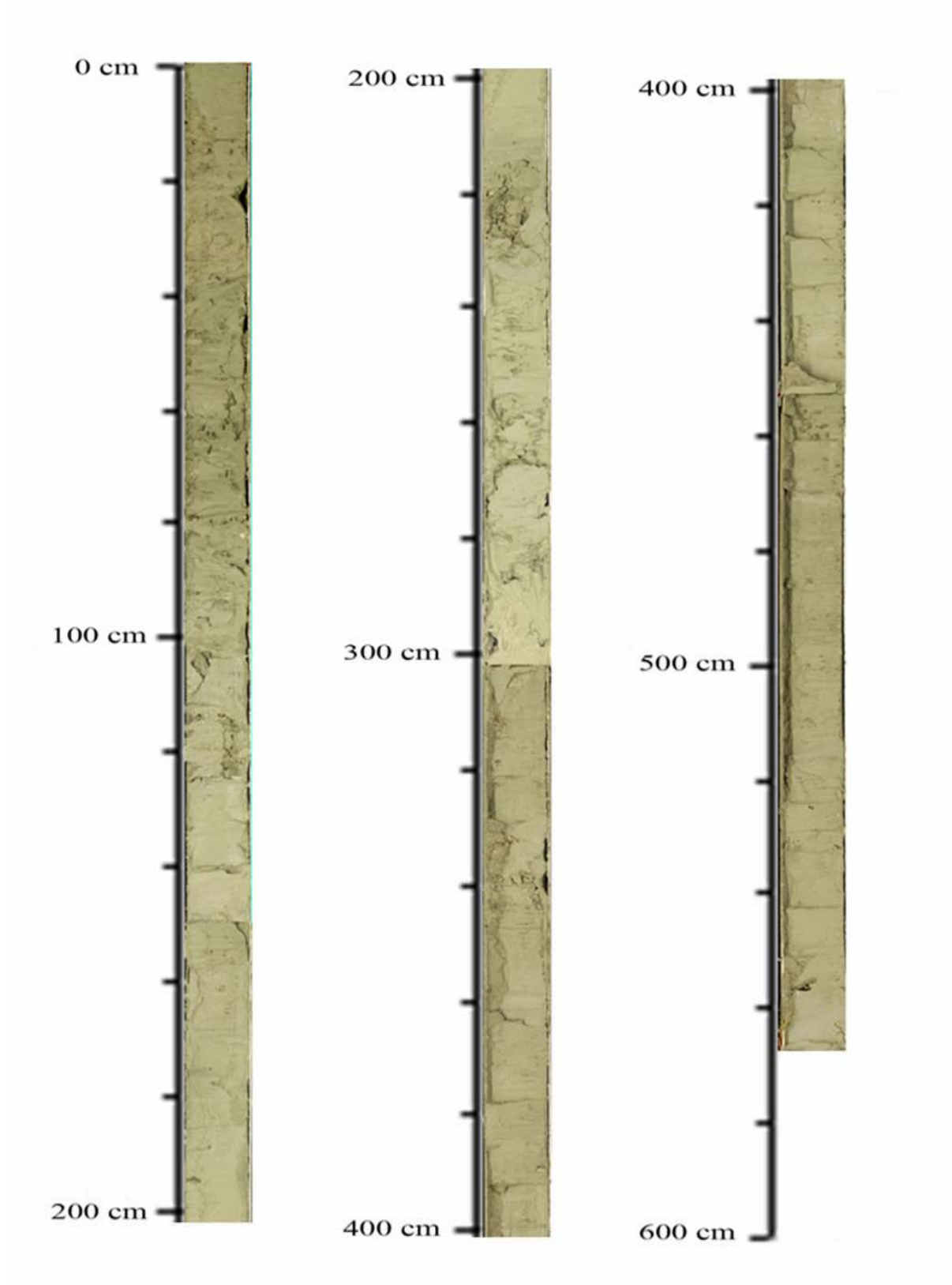
09CCT02-04											
Depth (cm)	63-82μm (%)	82-101μm (%)	101-120μm (%)	120-139μm (%)	139-158μm (%)	158-177μm (%)	177-196μm (%)	196-215μm (%)	215-234μm (%)	234-257μm (%)	Total (%)
20-25	4.44	4.85	6.14	7.67	9.38	11.18	12.90	14.24	14.38	14.82	100
85-90	2.31	2.76	3.78	5.14	6.91	9.14	11.91	15.20	23.85	19.02	100
112-115	1.61	2.00	2.81	3.97	5.56	7.75	10.84	15.08	29.45	20.93	100
120-124	2.68	2.63	3.17	3.99	5.23	7.11	10.01	14.39	29.98	20.80	100
135-140	1.48	1.31	1.42	1.62	2.07	3.15	5.64	11.14	49.02	23.15	100
180-185	0.03	0.25	0.52	1.00	2.01	3.95	7.63	14.23	44.76	25.62	100
215-220	0.00	0.00	0.37	1.71	3.50	6.52	11.25	17.93	32.65	26.06	100
260-265	0.00	0.00	0.00	0.01	0.73	2.46	6.17	13.47	50.15	27.01	100
290-295	0.08	0.00	0.00	0.01	0.52	1.94	5.31	12.44	53.05	26.65	100
310-315	1.43	1.21	1.32	1.64	2.35	3.83	6.81	12.58	45.21	23.61	100
335-340	1.49	1.44	1.81	2.44	3.55	5.48	8.78	14.34	37.29	23.38	100
400-405	1.25	1.17	1.49	2.11	3.25	5.26	8.71	14.43	38.67	23.67	100
456-461	0.26	0.00	0.00	0.00	0.00	1.17	4.56	11.41	56.42	26.18	100
536-541	1.45	1.34	1.56	1.99	2.78	4.29	7.22	12.79	43.21	23.37	100

09CCT02_04 Tables

Mean Grain Size 09CCT02-04	
Depth (cm)	Mean Grain Size (μm)
20-25	78.95
85-90	38.69
112-115	67.05
120-124	62.30
135-140	53.01
180-185	49.01
215-220	63.69
260-265	53.15
290-295	49.31
310-315	44.12
335-340	62.88
400-405	53.44
456-461	51.22
536-541	59.20

Strength 09CCT02-04	
Interval (cm)	Strength (kg/cm²)
0-37	0.6250
37-112	0.0469
112-115	0.0781
115-124	0.0469
124-150	0.0314
0-63	0.0313
63-79	0.9038
79-115	0.0313
115-150	0.0313
0-30	0.0469
30-42	0.0625
42-151	0.0625
0-24	0.0281
24-115	0.0938

09CCT02_04 Core Pictures



09CCT02_04 Core Log

Core#: 09CCT02_04-01

Core Date: 06-Jun-09

Date Split/subsampled	Length: 150 cm
07-Jun-09	E: 365957
	N: 3230905

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-37cm		0-37cm Dark grey silty
5-10	10gR		clay with deposits of
10-15	3/1		brown soft clay
15-20	37-112cm		37-112cm Dark grey silty
20-25	Gley 2		clay w/ sparse shell
25-30	4/5 BG		112-115cm Hash shell w/ grey clay
30-35	112-115cm		115-124cm grey silty clay
35-40	Gley 2		124-150cm Grey compacted
40-45	5/5 BG		clay
45-50	115-124		
50-55	Gley 2		
55-60	5/5 BG		
60-65	124-150cm		
65-70	Gley 2		
70-75	5/10 BG		
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			

09CCT02_04 Core Log

Core#: 09CCT02-04-02

Core Date: 06 Jun-09

Date Split/subsampled	Length: 150cm
07-Jul-09	E: 36 59 57
	N: 32 30 905

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
150-155	150-213cm		150-213cm Grey compacted
155-160	Gley 2		clay
160-165	5/10B		
165-170	213-229cm		213-229cm Grey clayey sand
170-175	Gley 2		w/ sparse shell
175-180	4/5B		
180-185	229-265cm		229-265cm Grey silty clay
185-190	Gley 2		
190-195	5/10BG		265-300cm Grey compacted
195-200	265-300cm		clay w/ sparse shell
200-205	Gley 2		
205-210	5/10BG		
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			

09CCT02_04 Core Log

Core#: 09CCT02_04-03

Core Date: 06-Jun-09

Date Split/subsampled	Length: <u>151 cm</u>
<u>08-Jul-09</u>	E: <u>365957</u>
	N: <u>3230905</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
300-305	300-330 cm		300-330 cm Grey compacted
305-310	G/eg 2		clay w/ hash shell
310-315	S/10Bg		
315-320			
320-325	330-342 cm		330-342 cm Hash shell
325-330	G/eg 2		w/ grey clay
330-335	S/5B		
335-340			
340-342	342-451		342-451 cm Grey compacted
342-345	G/eg 2		clay w/ sparse shell
345-350	S/10G		
350-355			
355-360			
360-365			
365-370			
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			
450-451			

09CCT02_04 Core Log

Core#: 09CCT02-04-04

Core Date: 06-Jun-09

Date Split/subsampled	Length: <u>115cm</u>
<u>08-Jul-09</u>	E: <u>365957</u>
	N: <u>3230905</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
451-456	451-475cm		451-475cm Grey compacted
456-461	Gley2		clay w/sparse shell
461-466	5/10BG		
466-471			
471-475	475-566		475-566cm Grey compacted
475-480	Gley2		clay
480-486	5/5BG		
486-491			
491-496			
496-501			
501-506			
506-511			
511-516			
516-521			
521-526			
526-531			
531-536			
536-541			
541-546			
546-551			
551-556			
556-561			
561-566			