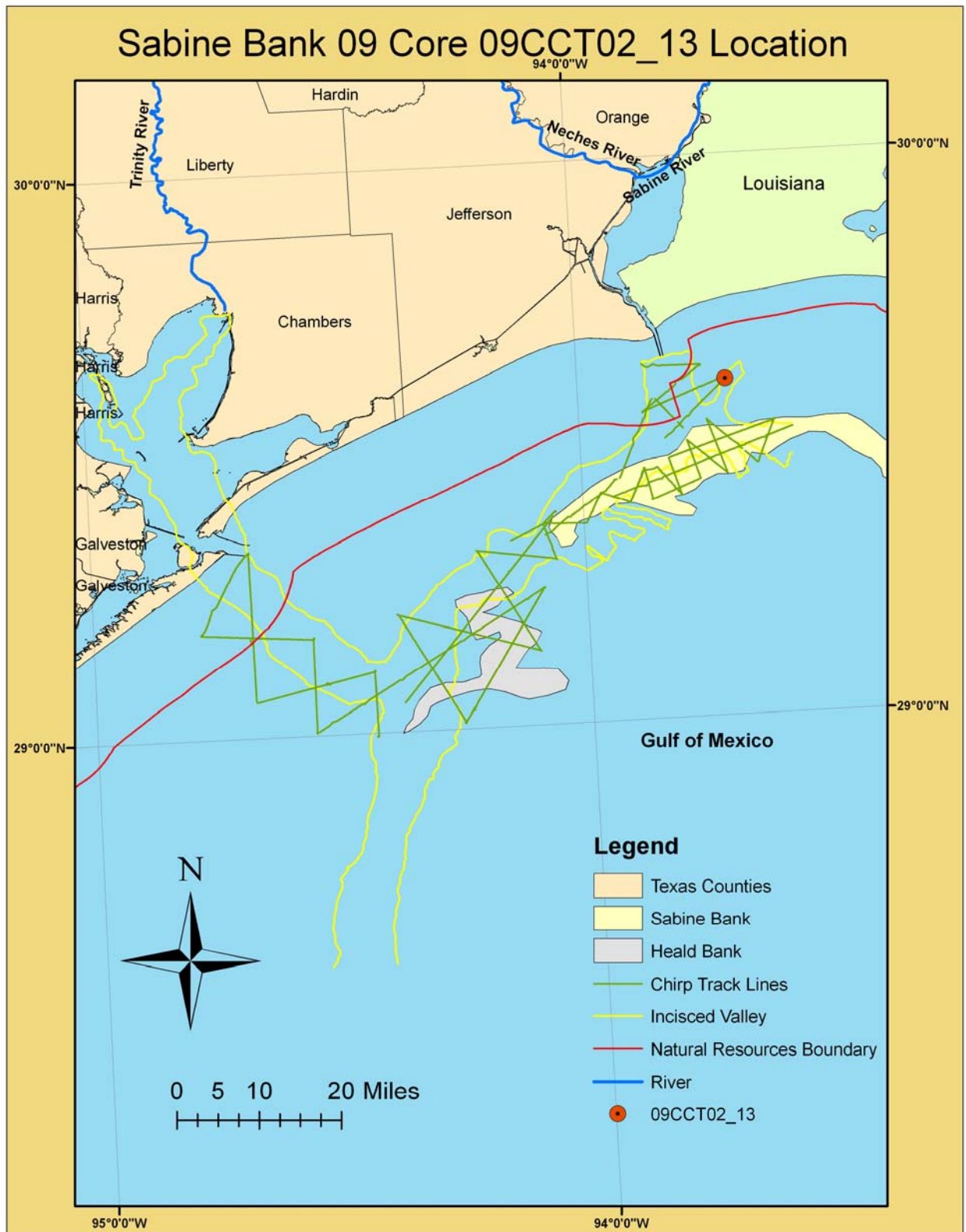
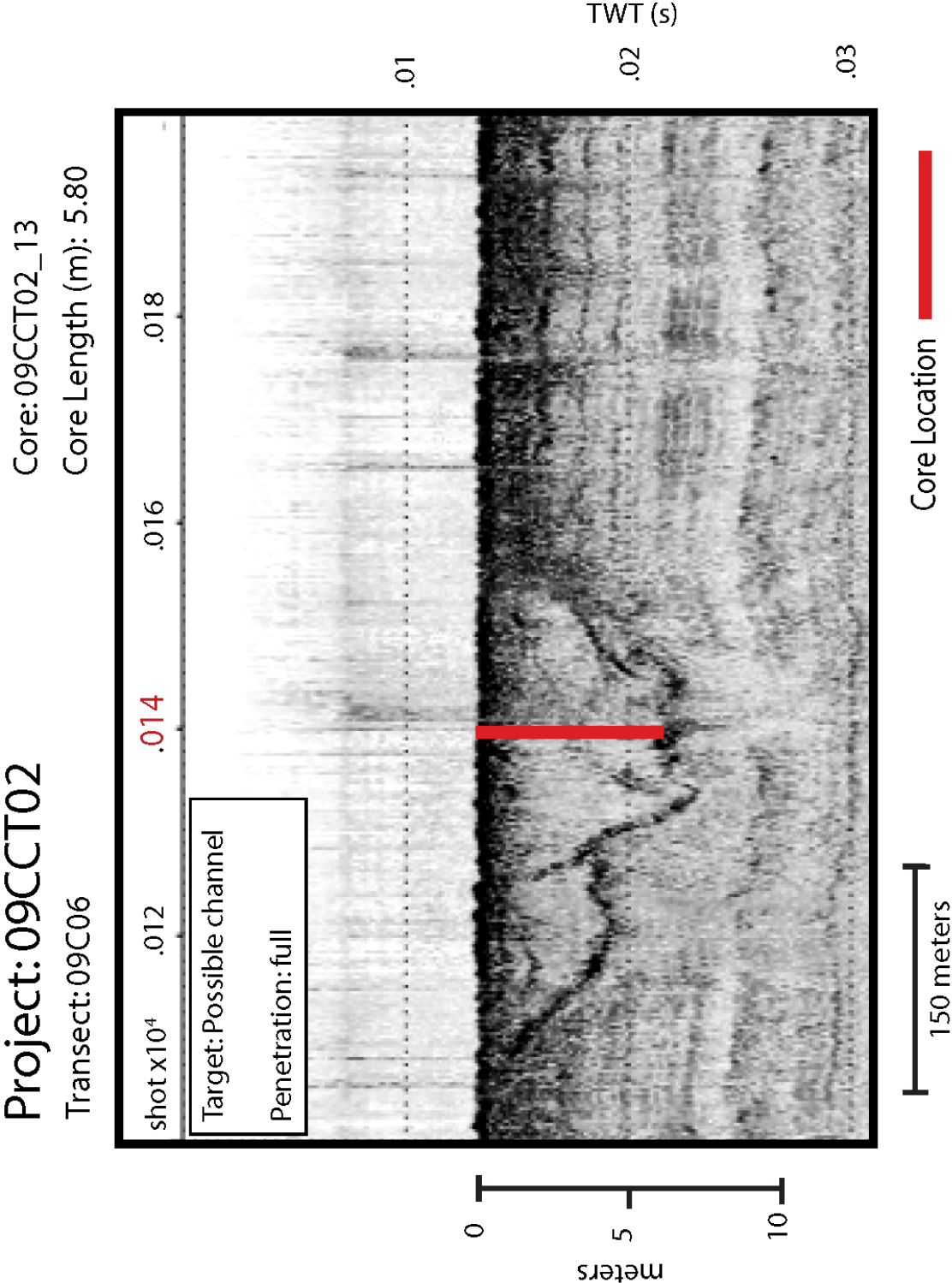
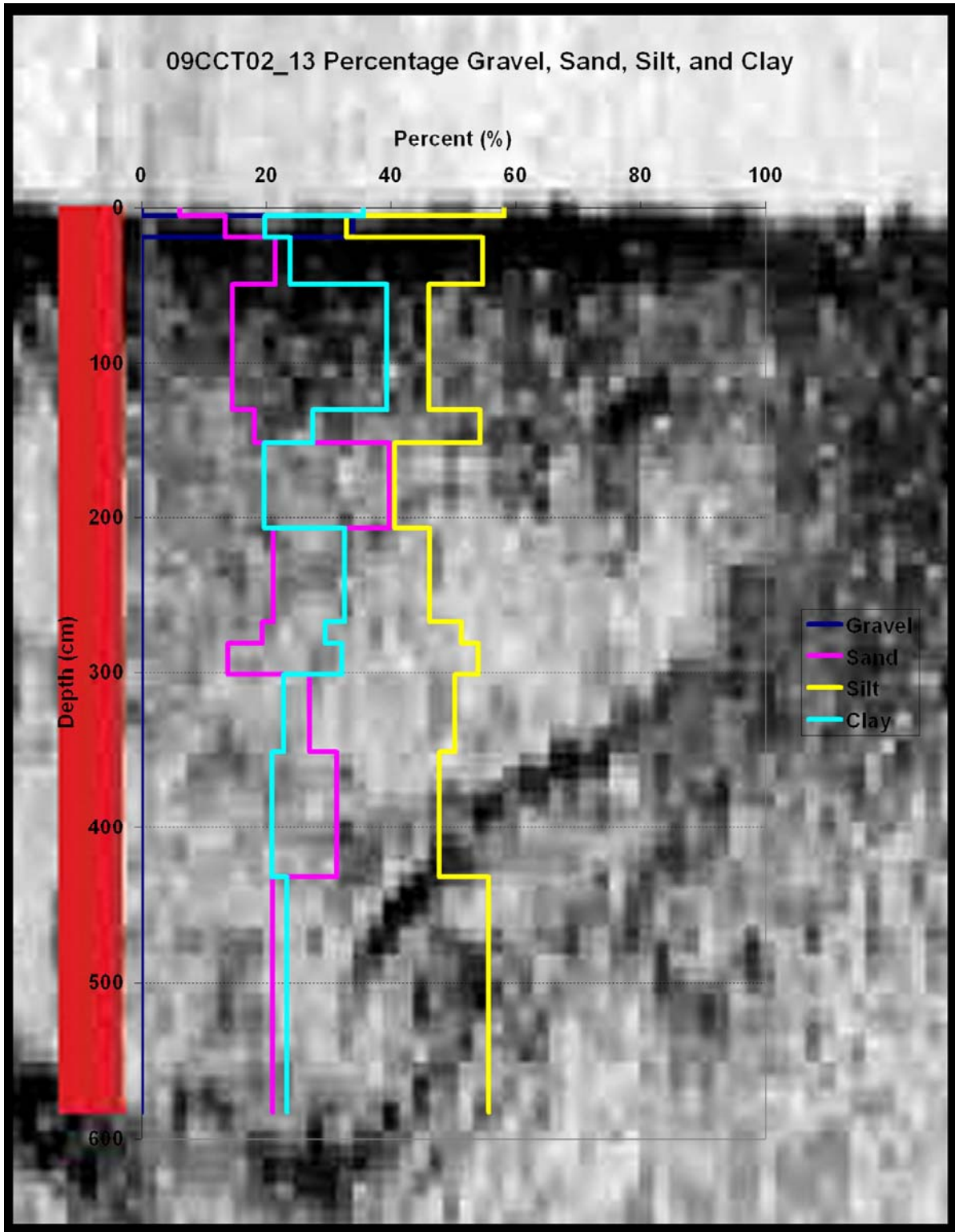


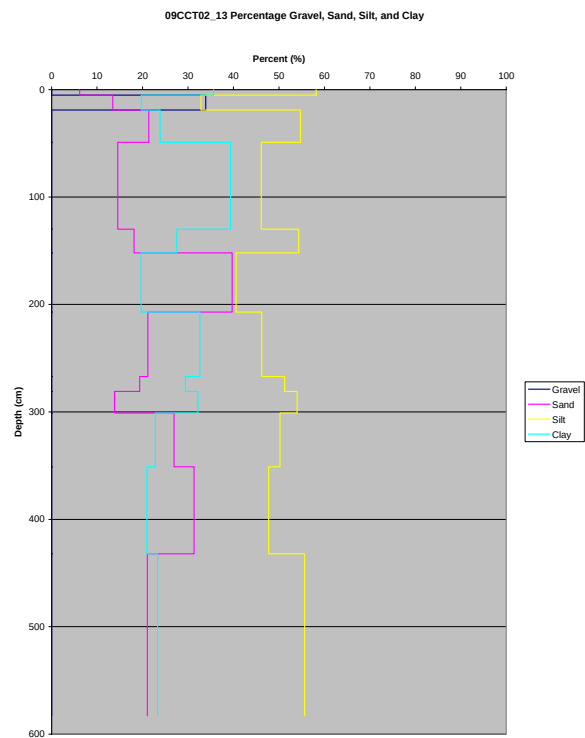
09CCT02_13 Core Location



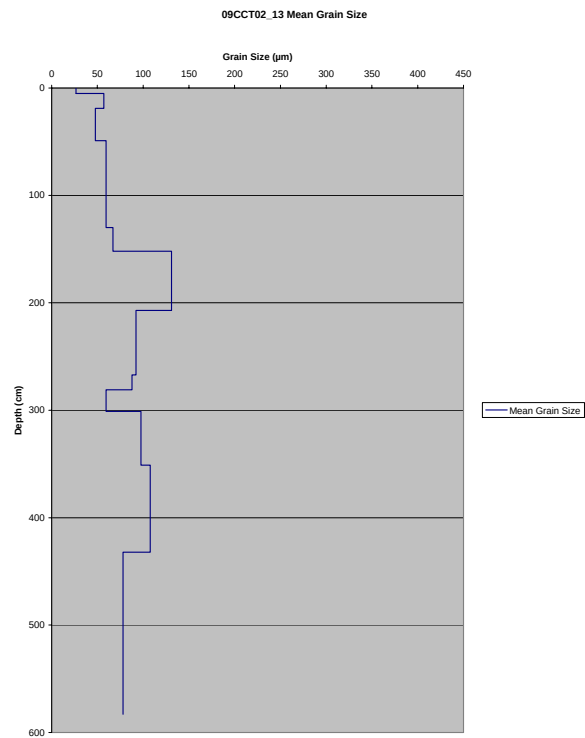




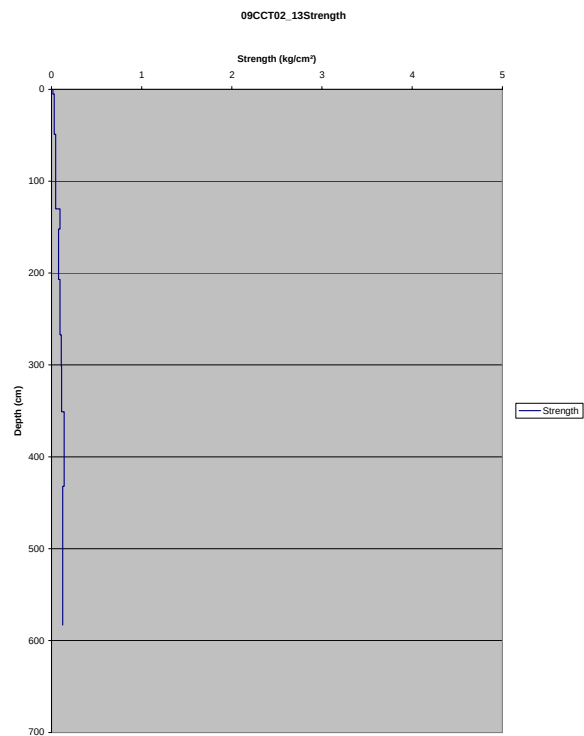
09CCT02_13 Percent Grain Size Distribution Graph



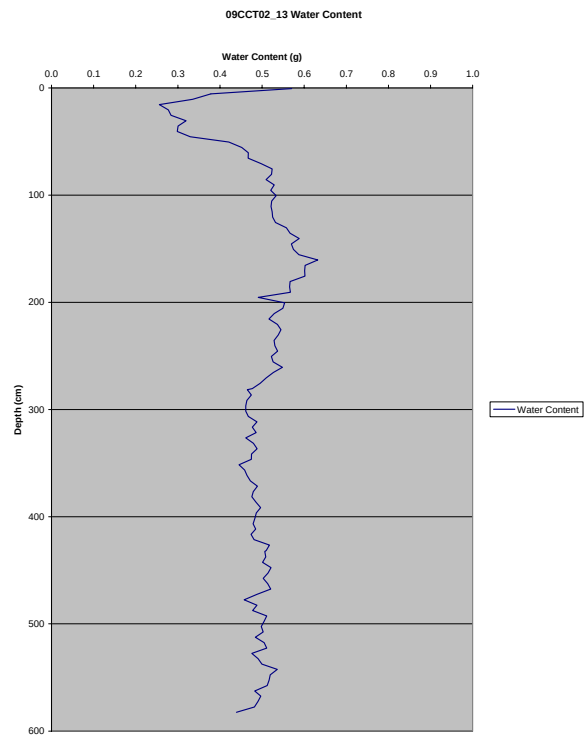
09CCT02_13 Mean Grain Size Distribution Graph



09CCT02_13 Strength Graph



09CCT02_13 Water Content Graph



09CCT02_13 Grain Size Sand Percent Table

09CCT02_013 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 (%)
0-5	68.92	8.79	10.40	7.06	3.58	1.20	0.05	0.00	0.00	0.00	100
10-15	81.95	5.60	3.21	2.75	2.25	1.68	1.16	0.77	0.40	0.24	100
35-40	89.43	6.49	1.38	0.75	0.71	0.59	0.42	0.16	0.03	0.03	100
120-125	67.96	4.74	5.79	6.35	5.45	4.04	2.68	1.68	0.83	0.48	100
145-150	63.80	13.24	8.26	5.75	3.83	2.39	1.42	0.73	0.40	0.17	100
175-180	61.61	16.63	9.33	5.50	3.19	1.82	1.00	0.55	0.24	0.13	100
215-220	51.66	14.73	11.58	8.65	5.79	3.58	2.06	1.15	0.52	0.28	100
270-275	48.56	17.86	11.93	8.24	5.52	3.54	2.14	1.27	0.60	0.34	100
286-291	60.96	12.23	7.96	6.14	4.63	3.30	2.20	1.42	0.72	0.43	100
331-336	56.97	18.39	10.93	6.42	3.59	1.91	1.00	0.46	0.24	0.09	100
401-406	59.41	18.07	10.06	5.72	3.20	1.76	0.94	0.50	0.22	0.12	100
502-507	58.63	16.92	10.59	6.40	3.67	2.00	1.08	0.43	0.21	0.08	100

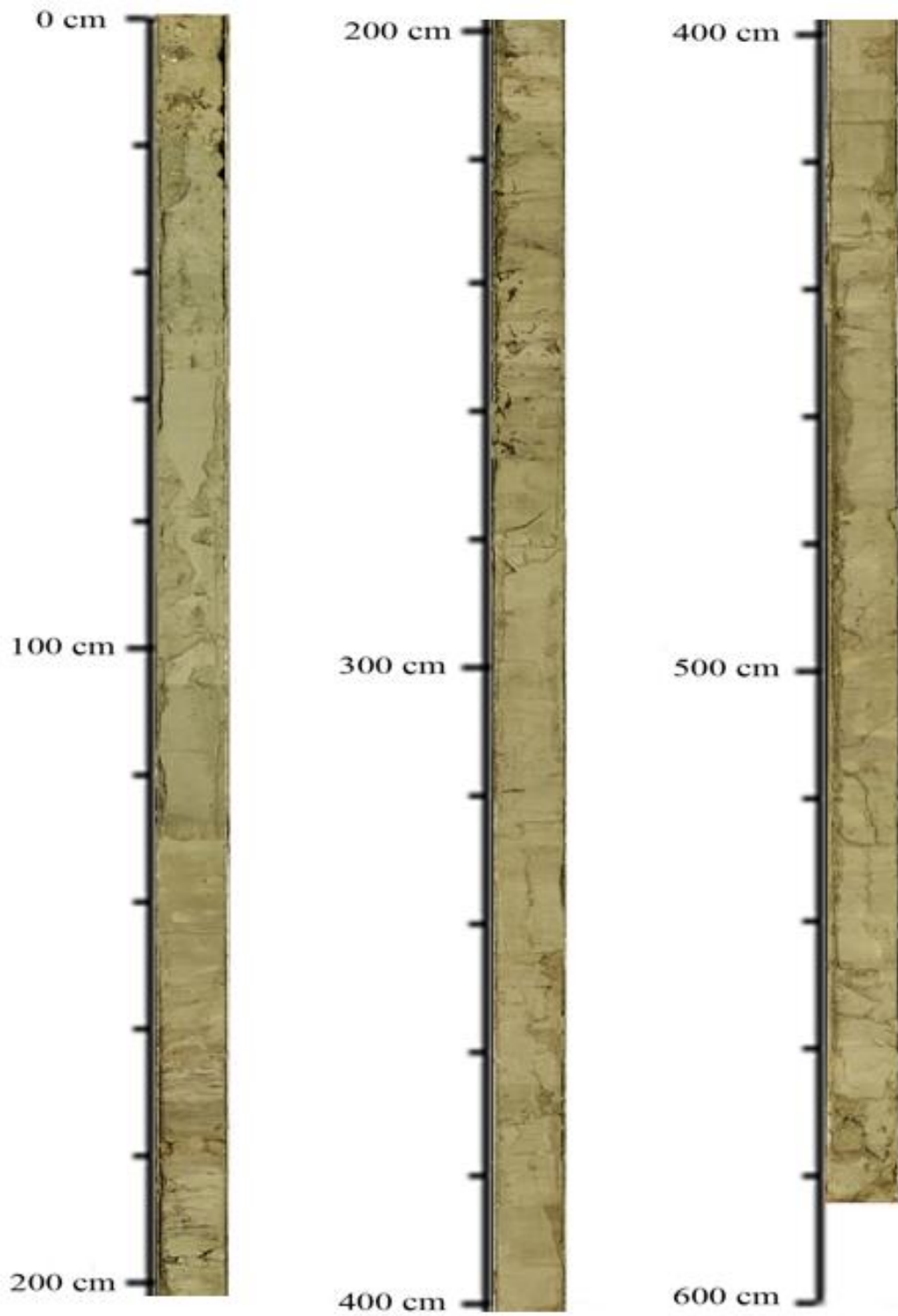
09CCT02-13											
Depth (cm)	63- 82µm (%)	82- 101µm (%)	101- 120µm (%)	120- 139µm (%)	139- 158µm (%)	158- 177µm (%)	177- 196µm (%)	196- 215µm (%)	215- 234µm (%)	234- 257µm (%)	Total (%)
0-5	0.68	0.23	0.54	1.22	1.93	3.50	6.67	12.73	48.09	24.41	100
10-15	1.64	1.73	2.24	3.03	4.27	6.26	9.51	14.71	33.91	22.69	100
35-40	1.93	1.93	2.34	2.92	3.85	5.42	8.23	13.32	37.68	22.38	100
120-125	1.59	1.85	2.59	3.71	5.36	7.74	11.15	15.78	28.55	21.69	100
145-150	3.84	3.68	4.27	5.09	6.24	7.88	10.26	13.71	26.29	18.74	100
175-180	4.98	4.71	5.42	6.34	7.56	9.17	11.28	13.89	19.80	16.85	100
215-220	4.56	4.27	4.89	5.76	6.95	8.60	10.85	13.84	22.60	17.67	100
270-275	5.90	5.32	5.84	6.50	7.40	8.62	10.32	12.68	21.39	16.03	100
286-291	3.71	3.54	4.13	4.92	6.05	7.66	10.04	13.54	27.60	18.82	100
331-336	5.50	5.05	5.64	6.40	7.41	8.77	10.62	13.11	21.08	16.43	100
401-406	5.38	4.98	5.58	6.35	7.37	8.73	10.61	13.16	21.26	16.58	100
502-507	4.72	4.32	4.82	5.52	6.51	7.94	10.06	13.19	25.09	17.82	100

09CCT02_13 Tables

Mean Grain Size 09CCT02-13	
Depth (cm)	Mean Grain Size (μm)
0-5	26.61
10-15	57.16
35-40	47.72
120-125	59.55
145-150	67.05
175-180	130.96
215-220	92.30
270-275	87.93
286-291	59.39
331-336	97.65
401-406	107.87
502-507	78.06

Strength 09CCT02-13	
Interval (cm)	Strength (kg/cm ²)
0-5	0.0156
5-19	0.0313
19-49	0.0313
49-130	0.0469
0-22	0.0938
22-77	0.0781
77-137	0.0938
137-151	0.1094
0-20	0.1094
20-70	0.1125
70-151	0.1406
0-151	0.1250

09CCT02_13 Core Picture



09CCT02_13 Core Log

Core#: 09CCT02-13-01

Core Date: 16-Jun-09

Date Split/subsampled	Length: <u>130cm</u>
<u>02-Jul-09</u>	E: <u>432213</u>
	N: <u>3274585</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-5cm		0-5cm Brown soft clay
5-10			
10-15	7.5yR		
15-19	312		
19-20			
20-25			
25-30	5-19cm		5-19cm Brown soft clay
30-35			
35-40	7.5yR		
40-45	312		
45-49			
49-50			
50-55	19-49cm		19-49cm Grey soft silty clay w/purse shell
55-60	Gley 2		
60-65	5/5B		
65-70			
70-75	49-130cm		49-130cm Grey compacted clay
75-80	Gley 2		
80-85	5/10BG		
85-90			
90-95			
95-100			
100-105			
105-110			
110-115			
115-120			
120-125			
125-130			

09CCT02_13 Core Log

Core#: 09CCT02-13-02

Core Date: 16-Jun-09

Date Split/subsampled	Length: 150cm
02-Jun-09	E: 432213
	N: 3274585

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
130-135	130-152cm		130-152cm Dark grey compacted
135-140	Grey 2		clay
140-145	3/10BG		
145-150			
150-152	152-207cm		152-207cm Grey compacted
152-155	Grey 2		silty clay w/ layers of
155-160	3/5B		brown and black clay and
160-165			pockets of plant material
165-170	207-267cm		207-267cm Light grey compacted
170-175	Grey 2		silty clay black layers of mud
175-180	4/5B		w/ pockets of plant material
180-185			
185-190	267-281cm		267-281cm Grey compacted
190-195	Grey 2		clay
195-200	5/5B		
200-205			
205-207			
207-210			
210-215			
215-220			
220-225			
225-230			
230-235			
235-240			
240-245			
245-250			
250-255			
255-260			
260-265			
265-267			
267-270			
270-275			
275-280			
280-281			

09CCT02_13 Core Log

Core#: 09CCT02-13-03

Core Date: 16-Jun-09

Date Split/subsampled	Length: 151 cm
06-Jul-09	E: 432213
	N: 3274585

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
281-286 286-291 291-296 296-301 301-306 306-311 311-316 316-321 321-326 326-331 331-336 336-341 341-346 346-351 351-356 356-361 361-366 366-371 371-376 376-381 381-386 386-391 391-396 396-401 401-406 406-411 411-416 416-421 421-426 426-431 431-432	281-301 cm 10yR 4/1 301-351 cm 10yR 4/1 351-432 cm 10yR 3/1 		281-301 cm Dark Brown compacted silty clay 301-351 cm Dark Brown compacted silty clay with deposits of plant material 351-432 cm Dark Brown compacted silty clay

09CCT02_13 Core Log

Core#: 09CCT02_13-04

Core Date: 16-Jun-09

Date Split/subsampled	Length: 1 Sl _{cm}
06-Jul-09	E: 432213
	N: 3274585

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
432-437 437-442 442-447 447-452 452-457 457-462 462-467 467-472 472-477 477-482 482-487 487-492 492-497 497-502 502-507 507-512 512-517 517-522 522-527 527-532 532-537 537-542 542-547 547-552 552-557 557-562 562-567 567-572 572-577 577-582 582-583	432-583cm 10 yR 3/2		432-583cm Dark brown compacted silty clay w/ layers of beige clay