

Project: 09CCT02

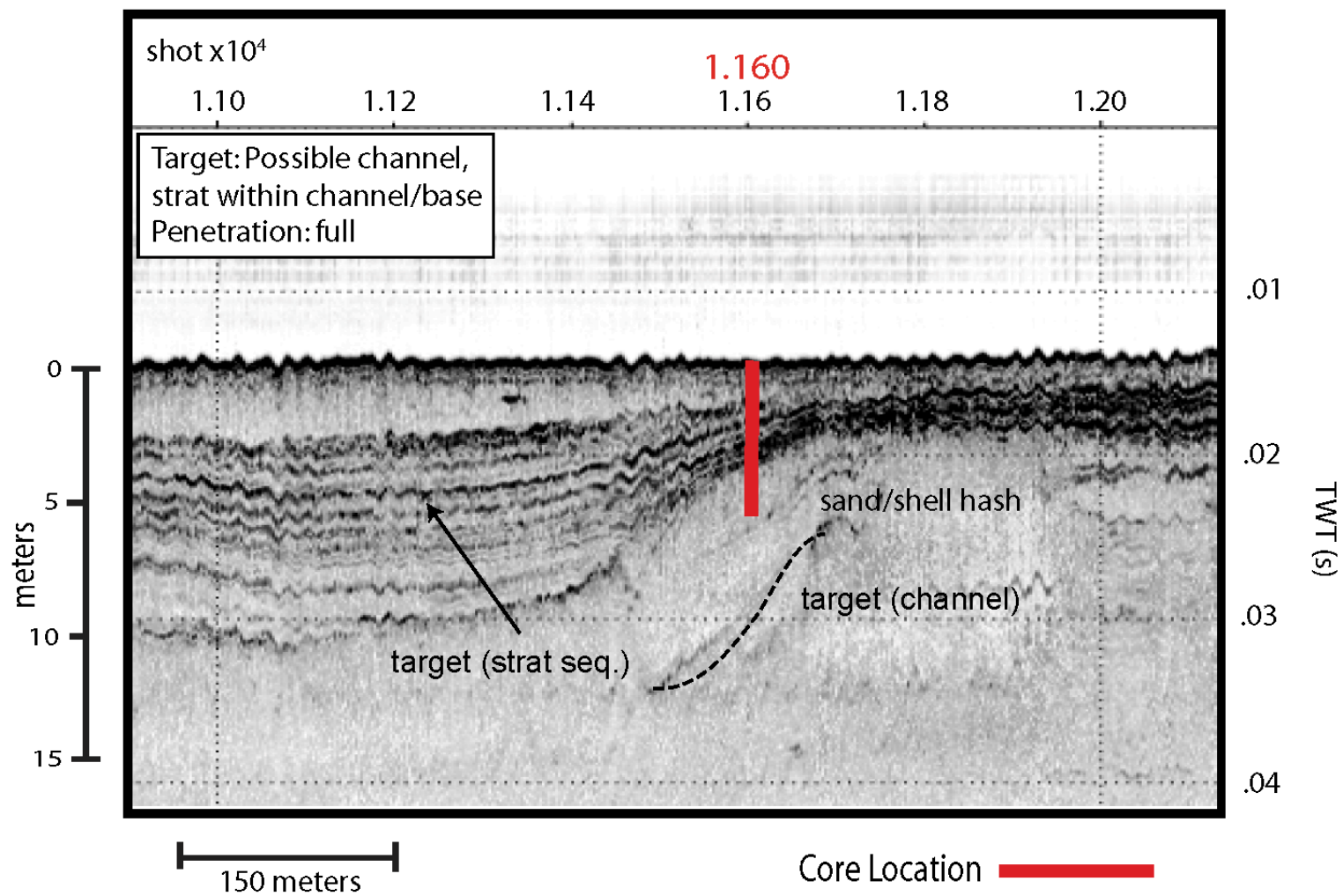
Transect: 09C77

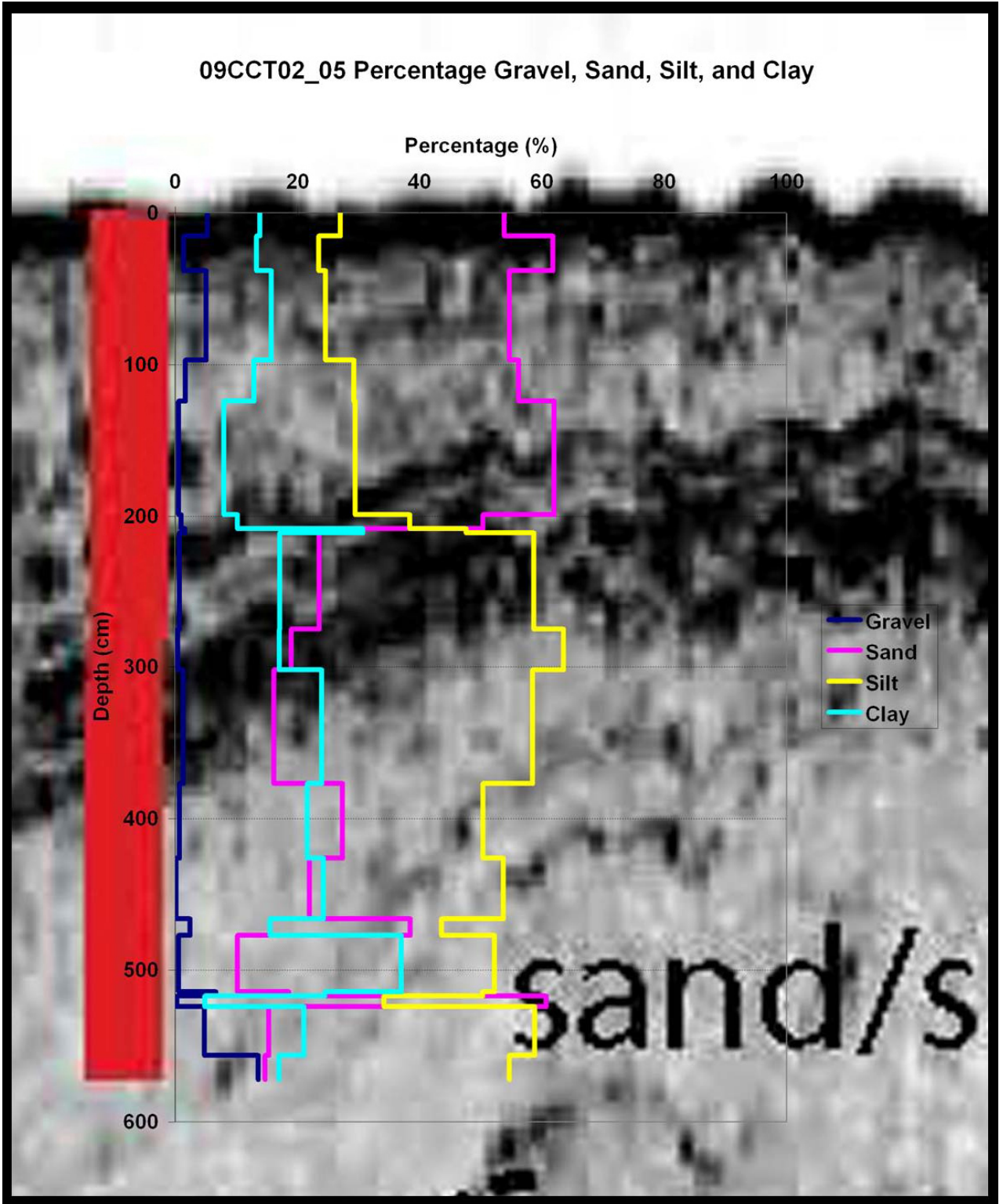
Core: 09CCT02_05

Core Length (m): 5.75

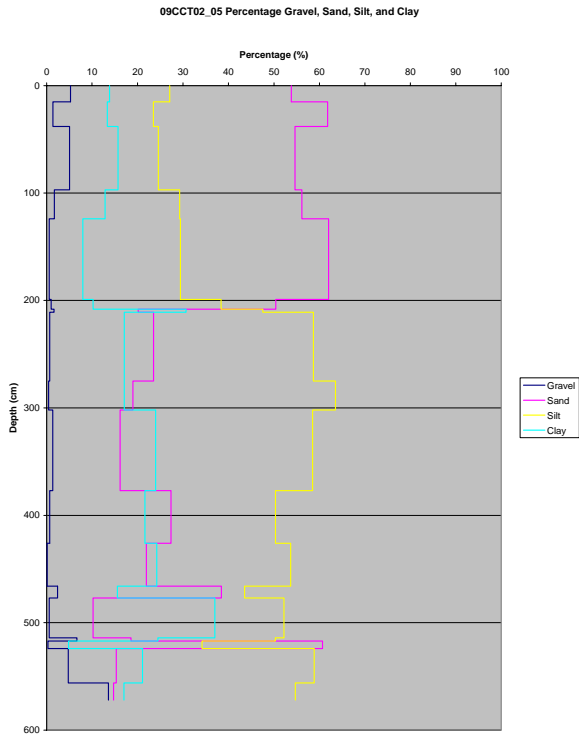
09CCT02_05 Seismic

134

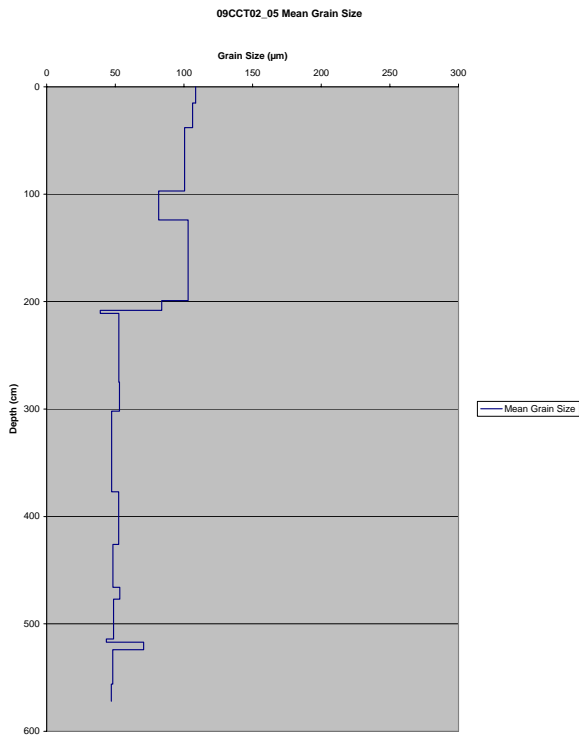




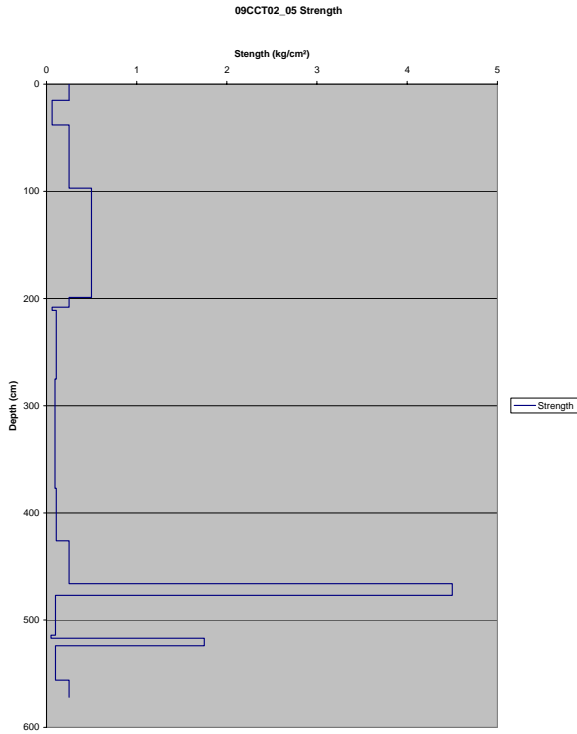
09CCT02_05 Percent Grain Size Distribution Graph



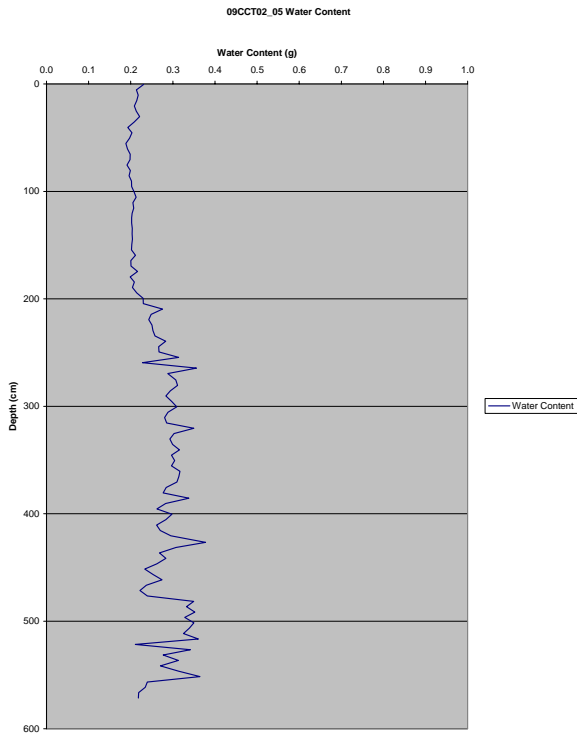
09CCT02_05 Mean Grain Size Distribution Graph



09CCT02_05 Strength Graph



09CCT02_05 Water Content Graph



09CCT02_05 Grain Size Sand Percent Table

09CCT02_05 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 (%)
5-10	87.97	10.23	0.03	0.26	0.41	0.39	0.30	0.21	0.13	0.07	100
30-35	90.13	9.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
40-45	88.78	11.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
115-120	97.52	0.65	0.77	0.70	0.32	0.05	0.00	0.00	0.00	0.00	100
169-174	84.35	5.03	3.78	2.86	1.89	1.15	0.64	0.23	0.03	0.04	100
199-204	81.60	5.49	5.18	3.58	2.18	1.23	0.64	0.10	0.00	0.00	100
208-213	93.32	0.67	2.78	2.04	0.94	0.25	0.00	0.00	0.00	0.00	100
259-264	94.60	0.98	1.26	1.24	0.83	0.51	0.29	0.16	0.09	0.04	100
290-295	95.47	0.22	1.45	1.23	0.75	0.41	0.23	0.13	0.08	0.04	100
340-345	92.32	2.90	2.85	1.47	0.45	0.02	0.00	0.00	0.00	0.00	100
405-410	90.35	3.02	2.99	2.05	1.08	0.45	0.05	0.00	0.00	0.00	100
441-446	90.64	0.73	3.40	2.81	1.62	0.72	0.08	0.00	0.00	0.00	100
471-476	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
491-496	62.89	6.05	7.34	7.39	6.03	4.32	2.83	1.77	0.88	0.51	100
514-516	87.13	6.87	3.89	1.09	0.16	0.19	0.23	0.22	0.15	0.09	100
521-524	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100
541-546	83.54	5.00	3.78	2.52	1.84	1.32	0.91	0.57	0.34	0.17	100
561-566	86.14	4.98	3.75	2.08	1.30	0.74	0.46	0.30	0.16	0.09	100

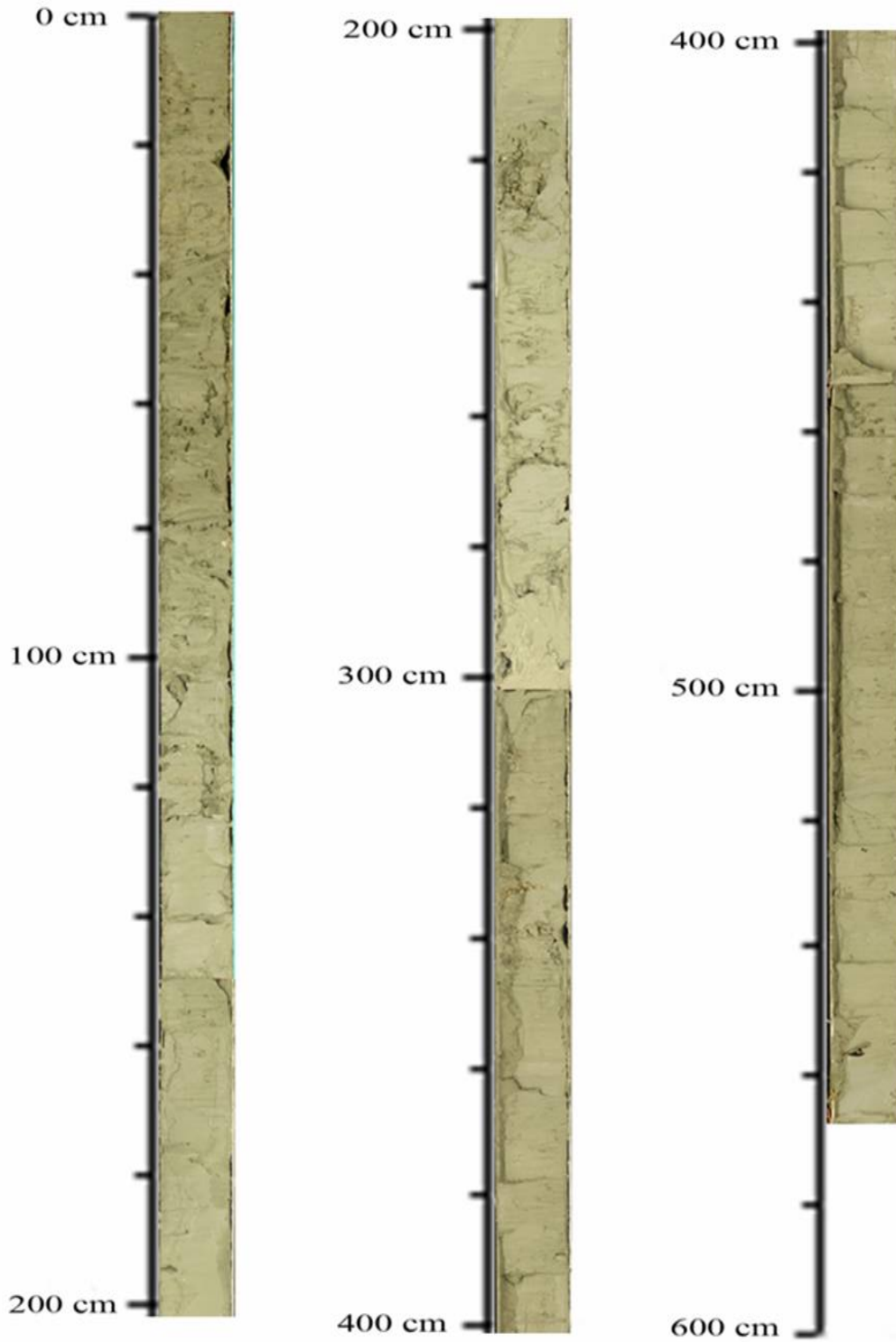
09CCT02-05											
Depth (cm)	63-82µm (%)	82-101µm (%)	101-120µm (%)	120-139µm (%)	139-158µm (%)	158-177µm (%)	177-196µm (%)	196-215µm (%)	215-234µm (%)	234-257µm (%)	Total (%)
5-10	5.31	5.78	7.25	8.94	10.72	12.40	13.63	13.89	9.53	12.56	100
30-35	5.21	5.71	7.21	8.93	10.75	12.47	13.75	14.02	9.33	12.62	100
40-45	5.66	6.10	7.60	9.28	11.02	12.59	13.64	13.63	8.53	11.95	100
115-120	0.99	1.49	2.42	3.82	5.86	8.72	12.57	17.30	24.71	22.13	100
169-174	1.32	1.46	1.97	2.77	4.00	5.92	8.98	13.91	37.45	22.21	100
199-204	0.70	0.65	0.86	1.34	2.30	4.19	7.72	14.05	43.19	25.01	100
208-213	0.08	0.53	1.16	2.21	3.96	6.68	10.83	16.75	33.27	24.53	100
259-264	0.98	1.43	2.29	3.60	5.53	8.28	12.11	17.02	26.30	22.46	100
290-295	0.37	0.78	1.49	2.64	4.47	7.26	11.38	17.07	30.49	24.06	100
340-345	0.83	1.15	1.84	2.97	4.74	7.41	11.33	16.71	29.69	23.33	100
405-410	0.89	1.16	1.78	2.78	4.31	6.66	10.21	15.44	33.79	22.97	100
441-446	0.04	0.31	0.91	2.01	3.80	6.63	10.95	17.05	33.46	24.85	100
471-476	0.00	0.00	0.22	1.40	3.11	6.03	10.71	17.53	34.70	26.30	100
491-496	1.53	1.61	2.12	2.93	4.21	6.25	9.49	14.55	34.94	22.37	100
514-516	0.24	0.10	0.02	0.18	1.07	3.10	7.22	14.80	45.80	27.47	100
521-524	0.00	0.00	0.00	0.00	0.51	2.30	7.31	15.55	44.11	30.23	100
541-546	0.25	0.00	0.00	0.01	0.43	1.77	5.10	12.29	53.45	26.71	100
561-566	0.11	0.00	0.00	0.00	0.00	0.31	3.13	10.76	58.66	27.03	100

09CCT02_05 Tables

Mean Grain Size 09CCT02-05	
Depth (cm)	Mean Grain Size (μm)
5-10	108.57
30-35	106.29
40-45	100.52
115-120	81.68
169-174	103.16
199-204	83.86
208-213	39.09
259-264	52.62
290-295	53.14
340-345	47.38
405-410	52.51
441-446	48.34
471-476	53.34
491-496	48.75
514-516	43.55
521-524	70.61
541-546	48.28
561-566	47.13

Strength 09CCT02-05	
Interval (cm)	Strength (kg/cm ²)
0-15	0.2500
15-38	0.0625
38-97	0.2500
97-124	0.5000
0-75	0.5000
75-84	0.2500
84-87	0.0625
87-151	0.1094
0-27	0.0938
27-102	0.0938
102-151	0.1094
0-40	0.2500
40-51	4.5000
51-88	0.1000
88-91	0.0500
91-98	1.7500
98-130	0.1000
130-146	0.2500

09CCT02_05 Core Pictures



09CCT02_05 Core Log

Core#: 09CCT02-05-01

Core Date: 16-Jun-09

Date Split/subsampled	Length: <u>124cm</u>
<u>23-Jun-09</u>	E: <u>376204</u>
	N: <u>3226233</u>

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
0-5	0-15cm		0-15cm Dark grey compacted silty sand
5-10	Gley 2		
10-15	3/10G		
15-20			
20-25	15-38cm		15-38cm Dark grey softer silty sand w/sparse shells
25-30	Gley 2		
30-35	4/5B		
35-38			
38-40	38-97cm		38-97cm Dark grey compacted sand w/shells
40-45	Gley 2		
45-50	3/10G		
50-55			
55-60	97-124cm		97-124cm Dark grey compacted silty sand w/sparse shell
60-65	Gley 6		
65-70	3/10G		
70-75			
75-80			
80-85			
85-90			
90-95			
95-100			
100-105			
105-110			
110-115			
115-120			
120-124			

09CCT02_05 Core Log

Core#: 09CCT02-05-02

Core Date: 06-Jun-09

Date Split/subsampled	Length: 15/cm
23-Jun-09	E: 376204
	N: 3226233

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
124-129	124-199cm		124-199cm compacted grey
129-134	Gley 2		sandy silt w/shells
134-139	4/10BG		
139-144			
144-149	199-208cm		199-208cm grey silty clay
149-154	Gley 2		compacted
154-159	5/5BG		
159-164			
164-169	208-211cm		208-211cm light grey clay
169-174	Gley 2		
174-179	5/10BG		211-275cm Grey silty clay
179-184			
184-189	211-275cm		
189-194	Gley 2		
194-199	4/5BG		
199-204			
204-208			
208-209			
209-211			
211-214			
214-219			
219-221			
221-229			
229-231			
231-239			
239-244			
244-249			
249-251			
251-259			
259-261			
261-269			
269-271			
271-275			

09CCT02_05 Core Log

Core#: 09CCT02-05-03

Core Date: 06-Jun-09

Date Split/subsampled	Length: 15/cm
23-Jun-09	E: 376204
	N: 3726233

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
275-280	275-302cm		275-302cm Grey compacted
280-285	Gley 2		clay
285-290	5/10B6		
290-295			
295-300	302-377cm		302-377cm Grey compacted
300-302	Gley 2		clay w/sparse shell
302-305	4/15B		
305-310			
310-315	377-426cm		377-426cm Grey compacted
315-320	Gley 2		clay w/shells
320-325	5/15B		
325-330			
330-335			
335-340			
340-345			
345-350			
350-355			
355-360			
360-365			
365-370			
370-375			
375-377			
377-380			
380-385			
385-390			
390-395			
395-400			
400-405			
405-410			
410-415			
415-420			
420-425			
425-426			

09CCT02_05 Core Log

Core#: 09CCT02-05-04

Core Date: 06-Jun-09

Date Split/subsampled	Length: 150cm
24-Jun-09	E: 376204
	N: 3226233

Grain Size Samples:	Munsell Soil Color	Depths Sampled	Description:
426-431	426-466cm		426-466cm Grey compacted clay
431-436	Gley 2		w/silty sand layering w/ sparse shell
436-441	5/5BG		
441-446	466-477cm		466-477cm Dark Grey well/compacted
446-451	Gley 2		silty sand
451-456	3/10G		477-514cm Dark grey compacted
456-461	477-514cm		clay w/sparse shell
461-466	Gley 2		514-517cm shells w/dark grey clay
466-471	5/5B		517-524cm Dark grey silty sand
471-476	514-524cm		524-556cm Dark grey compacted
476-477	Gley 2		sand w/sparse shell
477-481	5/10G		556-572cm Dark grey silty
481-486	517-524		clay w/shells
486-491	Gley 2		572-576cm empty
491-496	5/10G		
496-501	517-524		
501-506	Gley 2		
506-511	4/10B		
511-514	524-556		
514-516	Gley 2		
516-517	5/10BG		
517-521	556-572cm		
521-524	Gley 2		
524-526	4/10BG		
526-531			
531-536			
536-541			
541-546			
546-551			
551-556			
556-561			
561-566			
566-571			
571-572			