

Sample	Date	Time	Drive	Push depth top (cm)	Push depth base (cm)	Push length (cm)	Retrieval length (cm)	Water depth (cm)	Notes
Long core LC1									
GC-5	5/26/2006	3pm - 6:30pm					54		WSW of Isla La Flor
LC-1-1			1	760	850	90	79		760 medium windy, wavy water surface
LC-1-2			2	842	942	100	97		top 16cm removed, basal 3cm in sampling bag
LC-1-3			3		1030	100	98		
LC-1-4			4	1016	1116	100	100		
LC-1-5			5	1110	1175	65	53		
LC-1-6			6	1170	1195	25	25		change in sediments (brown -> grey-blue)
Total length							435		

Long core LC2									
GC-21	5/29/2006	3pm - 5pm					45		River delta SW of Solentiname
LC-2-1			1	550	650	100	98		500 medium windy
LC-2-2			2	650	750	100	106		5cm gap between GC-21 and LC-2-1
Total length							250		

Long core LC3									
GC-23	5/30/2006	9:30am - 2pm					53.5		SE of Mancarron Island (Solentiname)
LC-3-1			1	440	540	100	100		430 calm water, more windy after noon
LC-3-2			2	530	630	100	96		410
LC-3-3			3	620	720	100	100		bottom 5cm tephra
LC-3-4			4	710	810	100	100		top 10cm tephra
LC-3-5			5	800	847	47	47		840 cm(?); change in sediments (brown -> grey-blue)
LC-3-6			6	830	870	40	38		865 cm; change in sediments (see LC-3-5)
LC-3-7			7	870	890	20	20.5		cable broken
LC-3-8			8	890	913	23	23		basal 1m in sampling bag
			9	920					piston corer lost
Total length							496.5		

Long core LC4									
GC-34	1/6/2006	2:22pm - 5pm					52.5		W of Zapatera Island
LC-4-1			1	360	460	100	106		340 calm water
LC-4-2			2	450	550	100	113		340
LC-4-3			3	540	640	100	102		609cm: change dark brown to medium brown
LC-4-4			4	630	695	65	65		657cm: tephra
LC-4-5			5	690	730	40	36		689-690cm datable organic matter
LC-4-6			6	720	750	40	28		
LC-4-7			7	750	780	30	27		
Total length							440		

Long core LC5									
GC-35	2/6/2006	12am - 5pm					24.5		River delta NE of Granada
LC-5-1			1	400	495	95	93		330 slightly windy
LC-5-2			2	490	541	51	51		390
LC-5-3			3	540	590	50	38		
LC-5-4			4	580	625	45	40		
LC-5-5			5	620	670	50	43		
LC-5-6			6	660	700	40	31		
LC-5-7			7	690	730	40	37.5		
LC-5-8			8	725	770	45	36		
LC-5-9			9	760	805	45	39		cable broken, loss of hammering rod
Total length							415		

Core	description
LC1-1	0.0-16.0cm: watery sediment discarded, 16.0-80.0cm: brown-greyish homogenous mud (10YR3/1), leafes at 24.5 and 61.5cm.
LC1-2	0.0-27.0cm: brown-greyish mud (10YR3/1) with organics at 9-11cm, reddish-brown laminations at 18-20cm, and charcoal at 23cm. 27.0-37.0cm: reddish-brown laminated mud (2.5YR3/4), 37.0-80.0cm: brown-greyish homogenous mud (10YR3/1) rich in charcoal, 80.0-94.0cm: light brown-greyish homogenous mud (10YR3/1-10YR3/2).
LC1-3	0.0-6.0cm: brown-greyish mud (2.5Y3/1), 6.0-27.0cm: light brown-greyish homogenous mud (10YR4/1-10YR4/2), 27.0-48.0cm: brown-greyish sandy mud (2.5Y3/2) rich in charcoal, 48.0-69.5cm: light brown-greyish mud (2.4Y4/1-2.5Y4/2) with black tephra layer at 58.5-59.5cm. 69.5-82.0cm: brown-greyish mud (2.5Y4/1), 82.0-93.5cm: light brown-greyish mud (2.5Y4/1-2.5Y4/2).
LC1-4	0.0-13.0cm: brown-greyish mud (2.5Y3/1) with wood at 12cm. 13.0-68.0cm: light brown-greyish mud (2.5Y4/1-2.5Y4/2), slightly stratified, 68.0-94.0cm: light grey-brownish homogenous mud (2.5Y5/1).
LC1-5	0.0-19.0cm: light grey-brownish mud (2.5Y5/1), slightly laminated, rich in charcoal. 19.0-26.5cm: grey-brownish homogenous mud (2.5Y4/1), 26.5-32.0cm: grey-brownish sand layer with gastropods and ostracods (2.5Y4/1), 32.0-50.0cm: grey-bluish clay (4/10G-3/10G).
LC1-6	0.0-3.0cm: homogenous grey-brownish mud (2.5Y5/1), 3.0-8.0cm: dark grey-brownish sand layer rich in gastropods and ostracods (2.5Y4/1), 8.0-23.5cm: grey-bluish clay (4/10G-3/10G).
LC2-1	0.0-25.0cm: homogenous brown-greyish mud (2.5Y4/1) with gastropod shells at 3-6cm. 25.0-39.0cm: brown-greyish mud (2.5Y4/2) rich in organics at 32.5-39.0cm. 39.0-93.5cm: brown mud (10YR4/1) rich in organics between 62.5 and 93.5cm.
LC2-2	0.0-9.0cm: brown-greyish mud (2.5Y4/1), 9.0-57.0cm: brown mud (10Y4/2) rich in organics. 57.0-101.0cm: grey-brownish mud (2.5Y5/2) rich in organics.
LC3-1	0.0-98.0cm: homogenous very dark greyish brown mud (2.5Y3/2) with dispersed charcoal layers.
LC3-2	0.0-7.0cm: homogenous very dark grey-brownish mud (2.5Y3/1-2.5Y3/2), 7.0-93.5cm: homogenous dark grey-brownish mud (2.5Y4/1-2.5Y4/2) with minerogenic layer at 12cm.
LC3-3	0.0-60.0cm: brown-greyish mud (2.5Y4/2-2.5Y3/2) with dispersed charcoal, slightly laminated, 60.0-100.5cm: homogenous brown-greyish mud (2.5Y4/1-2.5Y3/1) with single charcoal layers and light grey sand (juvenil ostracods) at 94.0cm.
LC3-4	0.0-15.0cm: homogenous greyish-brown mud (2.5Y4/2-2.5Y5/2) with light sand at 8cm (juvenile ostracods), 15.0cm: 2mm thick black fine grained tephra layer, 15.0-46.0cm: slighly laminated brown-greyish mud, rich in organics between 29.0 and 35.0cm. 46.0-101.5cm: laminated (color changes between 2.5Y5/1 and 2.5Y4/1) brown-greyish mud with light fine grained layer at 85.0cm (2.5Y6/2).
LC3-5	0.0-22.0cm: dark grey homogenous mud (2.5Y4/1), 22.0-35.0cm: homogenous very dark grey mud and sand rich in charcoal (2.5Y3/1), 35.0-46.5cm: greenish gray clay (5S6).
LC3-6	0.0-17.0cm: dark grey homogenous mud (2.5Y4/1) rich in organics and charcoal, sandy between 10.0cm and 17.0cm. 17.0-24.0cm: homogenous grey mud (2.5Y6/1), 24.0-38.0cm: greenish-grey clay (4/10G).
LC3-7	0.0-20.5cm: greenish-grey clay (4/10G-5/10G), rich in charcoal.
LC3-8	0.0-21.5cm: greenish-grey clay (4/10G-5/10G), rich in charcoal.
LC4-1	0.0-101.0cm: homogenous brown mud (10YR3/1) rich in charcoal.
LC4-2	0.0-65.0cm: very dark greyish brown mud (2.5Y3/2), 65.0-68.0cm: black minerogenic sandy layer, 68.0-80.0cm: dark grey-brownish mud (2.5Y3/1) mixed with plant remains and sand. 80.0-107.0cm: homogenous dark grey-brownish mud (2.5Y3/2-2.5Y3/1) rich in organics.
LC4-3	0.0-65.0cm: very dark greyish brown mud (2.5Y3/1-2.5Y3/2) rich in organics. 65.0-69.0cm: dark grey sand (2.5Y3/1), 69.0-82.0cm: homogenous brown-greyish mud (2.5Y4/2), 82.0-85.0cm: dark grey-brownish mud rich in organics (2.5Y3/1-2.5Y4/1), 5mm thick black tephra at 90.5cm. 95.0-101.0cm: homogenous very dark greyish brown mud (2.5Y3/2).
LC4-4	0.0-22.0cm: dark grey-brownish mud rich in organics (2.5Y4/2), 5mm thick black tephra at 4.0cm, 22.0-25.5cm: dark grey-brownish mud (2.5Y4/2) mixed with sand, 25.5-28.5cm: black sand layer, 28.5-52.0cm: dark grey-brownish homogenous mud (2.5Y4/2), 52.0-65.0cm: dark grey homogenous mud (2.5Y4/1-2.5Y3/1) rich in organics.
LC4-5	0.0-10.0cm: dark grey homogenous dense mud (2.5Y4/1-2.5Y3/1) rich in charcoal, 10.0-36.0cm: dark grey brownish mud (2.5Y4/1-2.5Y2.5/1) with irregular texture and rich in organics.
LC4-6	0.0-27.5cm: dark grey brownish mud (2.5Y4/1-2.5Y3/1-2.5Y2.5/1) with irregular texture and rich in organics, gastropod shell at 7.0cm.
LC4-7	0.0-25.0cm: dark grey brownish mud (2.5Y4/1-2.5Y3/1-2.5Y2.5/1) with irregular texture and rich in organics, gastropod shell at 9cm and oyster shell at 13.0cm.
LC5-1	0.0-2.0cm: brown mud (10YR3.4), 2.0-32.5cm: dark grey silty mud (2.5Y2.5/1), laminated. 32.5-34.5cm: brown silty mud (10YR4/1), 34.5-41.5cm: dark grey-brownish silty mud (2.5Y3/1), 41.5cm: black silt layer, 41.5-91.5cm: dark grey silty mud, partly laminated, coarse sand at 58cm.
LC5-2	0.0-3.5cm: dark greyish brown sand (2.5Y3/2-2.5Y3/3), 3.5-50.5cm: dark grey mud and silt (2.5Y2.5/1) with black organics-rich sand layer at 12cm and 19cm.
LC5-3	0.0-38.5cm: dark grey mud and silt (2.5Y2.5/1), organics at 13cm and 201.5cm.
LC5-4	0.0-40.5cm: dark grey mud and silt (2.5Y2.5/1) with organics at 35cm.
LC5-5	0.0-42.0cm: dark grey mud and silt (2.5Y2.5/1) rich in organics and charcoal.
LC5-6	0.0-30.0cm: dark grey mud and silt (2.5Y2.5/1) rich in charcoal.
LC5-7	0.0-37.0cm: dark grey mud and silt (2.5Y2.5/1) with organics at 9cm and 25cm, wood fragments at 17cm and 22.5cm.
LC5-8	0.0-36.0cm: dark grey mud and silt (2.5Y2.5/1) with organics at 22cm.
LC5-9	0.0-38.5cm: dark grey mud and silt (2.5Y2.5/1) with organics at 18.5cm.