



CORE LOG
AL1-V1

CORE LENGTH: 1.39 m

TOTAL DEPTH: 4.04 m

COMPACTION: 0.60 m

LOCATION: Altamaha River - site 1

COORDINATES: 31.445167 N - 81.611444 W

AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6							0
0.1								100				Chunks of charcoal - from 0 to 0.16 m.	0.1
0.2												IS fine sand with few fine silty sand and massive medium sand at the top - [coarsening-up] Average sand = 98%	0.2
0.3								95				Deformed unit - greater concentration of mica.	0.3
0.4													0.4
0.5								20 85 20 85 20				Predominant massive sandy silt intercalated with massive fine silty sand Average sand for massive mud (thickness 9.1 cm - 20%) Average sand for massive sand (thickness 3.7 cm - 85%)	0.5
0.6								88				Throughout the core: Lamination - alignment of micas, sand beds and a few mud drapes.	0.6
0.7													0.7
0.8								90					0.8
0.9													0.9
1								96				Predominant sandy (flaser) IHS (consisted of poorly sorted medium to coarse sand and well sorted medium to fine sand, both with very few millimetric silty drapes) and IS line to medium sand - [fining-up] Average sand = 94% Average for sandy IHS (very few mud drapes) (thickness 74.7 - 94%)	1
1.1													1.1
1.2													1.2
1.3								97				Lithoclasts - from 1.21 to 1.30 m.	1.3
1.4													1.4
1.5													1.5
1.6													1.6
1.7													1.7
1.8													1.8
1.9													1.9
2	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6							2
	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

LEGEND

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<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



CORE LOG
AL1 - V2

CORE LENGTH: 0.77 m

TOTAL DEPTH: 1.27 + 2.30 = 3.57 m

COMPACTION: 2.30 m

LOCATION: Altamaha River - site 1

COORDINATES: 31.444861 N - 81.6115 W

AUTHOR: Pricilla Souza



LEGEND

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CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS ? SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6							From 0 to 0.50 m - described in the field: - 0.00 to 0.20 m - sand with mud; - 0.20 to 0.50 m - sand with rafted organic layers. Horizontal to inclined bedding. Sand lamination ~ 1 cm thick. Organic lamination ~ 0.5 cm thick.	0
0.1								98						0.1
0.2														0.2
0.3								99					IS fine silty sand to medium sand intercalated with massive fine to medium sand. Thin IS silt at the bottom - [coarsening-up under an overall fining-up]	0.3
0.4					Inclined lamination								Average sand = 97% (not considering thin IS mud at the bottom) Average for IS sand (thickness 40.1 cm - 96%) Average for Massive sand (thickness 30.8 cm - 98%)	0.4
0.5								98						0.5
0.6								85					Dewatering deformation. Alignment of micas from ~ 0.63 to 0.67 m.	0.6
0.7								10						0.7
0.8								100					Poorly sorted sand from 0.20 to 0.60 m ranging from lower medium to upper very coarse grain sizes.	0.8
0.9								100					Predominant massive poorly sorted coarse sand and IS poorly sorted coarse sand Average sand = 100% Average for massive sand (thickness 28 cm - 100%)	0.9
1								100						1
1.1								92					Massive very fine silty sand, massive silt and sandy (flaser) IHS (poorly sorted - consisted of medium to coarse sand with millimetric silty drapes)	1.1
1.2								5						1.2
1.2								85						1.2
1.2								98					Massive medium sand	1.2
1.3														1.3
1.4														1.4
1.5														1.5
1.6														1.6
1.7														1.7
1.8														1.8
1.9														1.9
2	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6								2
2	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS ? SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



CORE LOG
AL1 - V3

CORE LENGTH: 0.82 m

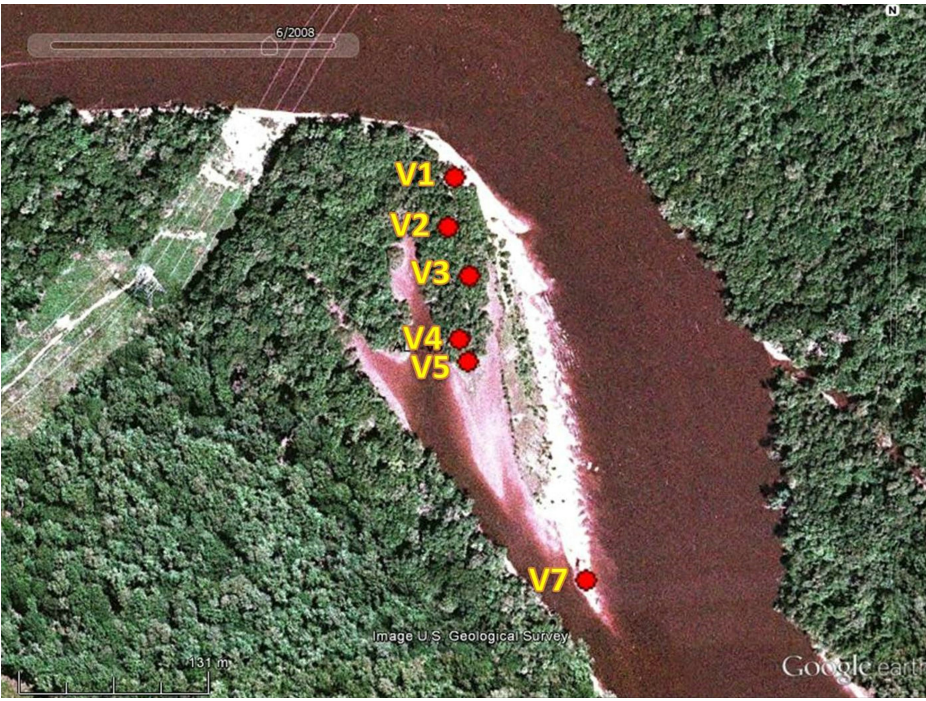
TOTAL DEPTH: 0.93 m

COMPACTION: 0.11 m

LOCATION: Altamaha River - site 1

COORDINATES: 31.444556 N - 81.611361 W

AUTHOR: Pricilla Souza



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SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div><div><div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div></div></div> <div><div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div><div><div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div></div></div> <div><div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div></div><div><div><div>Massive mud</div><div>Massive sand</div></div></div></div> <div><div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div></div>				

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0				Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand				8					Silty layer (~ top 3 cm) - intense rooting. Few sand lenses.	0
0.1								20					Massive sandy silt grading to silt	
0.2													Free root (~ 5 cm).	
0.3													IS poorly sorted coarse to fine sand - [fining-up]	
0.4								98						
0.5					No mud Lamination - alignment of the sand beds								From 0.25 to 0.75 m - poor sorted (ranging from lower fine to upper coarse). Intercalation of medium (lighter) and coarse sand beds (darker). Coarse sand layers are thinning-up.	
0.6														
0.7														
0.8								85 86 96					Massive fine silty sand enveloping a thin set of massive silt. Sandy (flaser) IHS (consisted of medium to fine sand with millimetric silty drapes) at the bottom - [fining-up]	0.8
0.9														0.9
1				Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand										1
	INTENSITY FACIES													
	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div><div></div><div>SAND</div></div><div><div></div><div>SILT</div></div><div><div></div><div>MUD</div></div><div><div></div><div>CLAY</div></div></div><div><div><div></div><div>SILTY SAND</div></div><div><div></div><div>CLAYEY SAND</div></div><div><div></div><div>SANDY SILT</div></div><div><div></div><div>CLAYEY SILT</div></div><div><div></div><div>SANDY CLAY</div></div><div><div></div><div>SILTY CLAY</div></div></div></div>		<div><div><div></div><div>HETEROLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div><div><div></div><div>HOMOLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED STRATIFICATION (IS)</div></div><div><div></div><div>CONGLOMERATE LAG</div></div><div><div></div><div>MASSIVE</div></div></div> <div><div><div></div><div>FLASER</div></div><div><div></div><div>WAVY</div></div><div><div></div><div>LENTICULAR</div></div></div>		<div><div><div></div><div>MUD DRAPE</div></div><div><div></div><div>RIPPLE</div></div><div><div></div><div>SOFT-SEDIMENT DEFORMATION</div></div><div><div></div><div>ROOT / WOOD DEBRIS</div></div><div><div></div><div>SHELL FRAGMENT</div></div><div><div></div><div>GRAVEL</div></div></div> <div><div><div></div><div>MUD CLAST</div></div><div><div></div><div>MUD DRAPED RIPPLE</div></div></div>		<div><div><div></div><div>IHS muddy</div></div><div><div></div><div>IHS mixed</div></div><div><div></div><div>IHS sandy (moderate mud drapes)</div></div><div><div></div><div>IHS sandy (few mud drapes)</div></div><div><div><div></div><div>IS mud</div><div></div><div>Massive mud</div></div></div><div><div><div></div><div>IS sand</div><div></div><div>Massive sand</div></div></div><div><div><div></div><div>Conglomerate lag (with mud clasts)</div></div></div></div>		<div><div></div><div>FINING-UP CYCLE</div></div> <div><div></div><div>COARSENING-UP CYCLE</div></div>	



CORE LOG
AL1 - V4

CORE LENGTH: 0.578 + 0.622 = 1.20 m

TOTAL DEPTH: 2.31 m

COMPACTION: 1.11 m

LOCATION: Altamaha River - site 1

COORDINATES: 31.444167 N - 81.611444 W

AUTHOR: Pricilla Souza



LEGEND

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CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS	DEFORMATION & SHELLS	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
INTENSITY FACIES						0 1 2 3 4 5 6								
0			<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></d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LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div><div><div></div><div>SAND</div></div><div><div></div><div>SILT</div></div><div><div></div><div>MUD</div></div><div><div></div><div>CLAY</div></div></div><div><div><div><div></div><div>SILTY SAND</div></div><div><div></div><div>CLAYEY SAND</div></div><div><div></div><div>SANDY SILT</div></div><div><div></div><div>CLAYEY SILT</div></div><div><div></div><div>SANDY CLAY</div></div><div><div></div><div>SILTY CLAY</div></div></div></div></div></div>	<div><div><div><div></div><div>HETEROLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div><div><div></div><div>HOMOLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED STRATIFICATION (IS)</div></div><div><div></div><div>CONGLOMERATE LAG</div></div><div><div></div><div>MASSIVE</div></div></div><div><div><div><div></div><div>FLASER</div></div><div><div></div><div>WAVY</div></div><div><div></div><div>LENTICULAR</div></div></div></div></div>	<div><div><div><div></div><div>MUD DRAPE</div></div><div><div></div><div>RIPPLE</div></div><div><div></div><div>SOFT-SEDIMENT DEFORMATION</div></div><div><div></div><div>ROOT / WOOD DEBRIS</div></div><div><div></div><div>SHELL FRAGMENT</div></div><div><div></div><div>GRAVEL</div></div></div><div><div><div><div></div><div>MUD CLAST</div></div><div><div></div><div>MUD DRAPED RIPPLE</div></div></div></div></div>	<div><div><div><div></div><div>IHS muddy</div></div><div><div></div><div>IHS mixed</div></div><div><div></div><div>IHS sandy (moderate mud drapes)</div></div><div><div></div><div>IHS sandy (few mud drapes)</div></div><div><div></div><div>IS mud</div></div><div><div></div><div>IS sand</div></div><div><div></div><div>Conglomerate lag (with mud clasts)</div></div></div><div><div><div><div></div><div>Massive mud</div></div><div><div></div><div>Massive sand</div></div></div></div></div>	<div><div><div><div></div><div>FINING-UP CYCLE</div></div><div><div></div><div>COARSENING-UP CYCLE</div></div></div></div>



CORE LOG
AL1 - V5

CORE LENGTH: 0.81 m

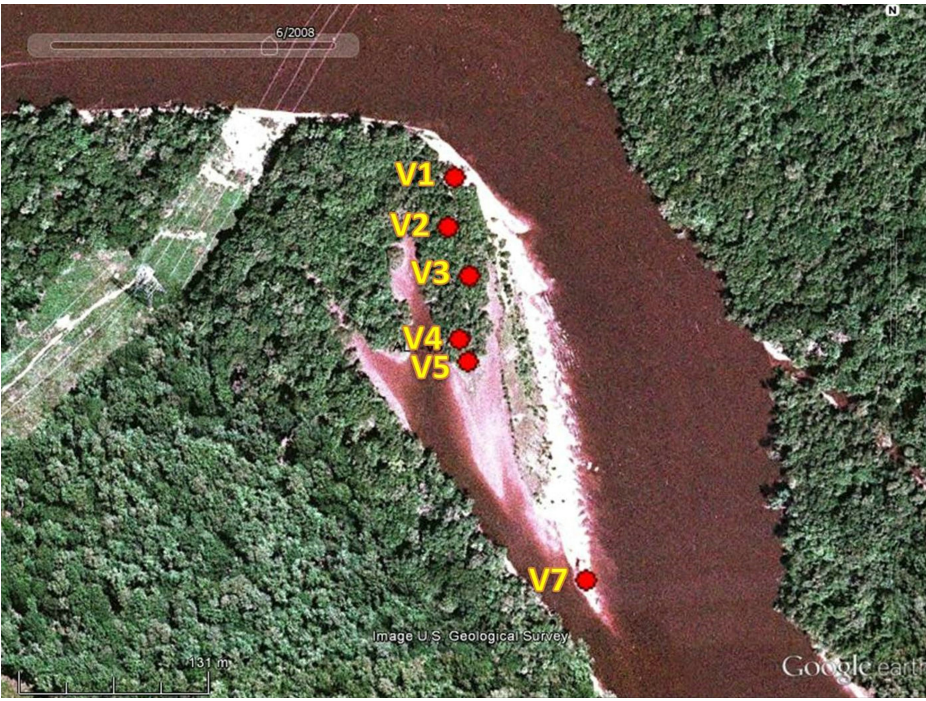
TOTAL DEPTH: 3.56 m

COMPACTION: 2.75 m (likely rodding)

LOCATION: Altamaha River - site 1

COORDINATES: 31.360222 N - 81.3495 W

AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS		
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	<div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div><div><div></div></div></div>	
	HETEROLITHIC STRATIFICATION		INCLINED HETEROLITHIC STRATIFICATION (IHS)		MUD DRAPE		MUD CLAST		FINING-UP CYCLE	
	HOMOLITHIC STRATIFICATION		INCLINED STRATIFICATION (IS)		RIPPLE		MUD DRAPED RIPPLE		COARSENING-UP CYCLE	
	CONGLOMERATE LAG		FLASER		SOFT-SEDIMENT DEFORMATION		IS muddy			
	MASSIVE		WAVY		ROOT / WOOD DEBRIS		IHS mixed			
			LENTICULAR		SHELL FRAGMENT		IHS sandy (moderate mud drapes)			
				GRAVEL		IHS sandy (few mud drapes)				
						IS mud				
						IS sand				
						Conglomerate lag (with mud clasts)				

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0				Clay				5					Silt layer - well consolidated. Some rafted organics.	0
0.1					Entire core is massive								Massive clay	0.1
0.2													Very thin roots.	0.2
0.3														0.3
0.4														0.4
0.5								99					Massive medium sand	0.5
0.6														0.6
0.7														0.7
0.8														0.8
0.9														0.9
1				Clay										1

LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div></div>	<div><div><div></div><div></div></div><div>SILTY SAND</div></div> <div><div><div></div><div></div></div><div>CLAYEY SAND</div></div> <div><div><div></div><div></div></div><div>SANDY SILT</div></div> <div><div><div></div><div></div></div><div>CLAYEY SILT</div></div> <div><div><div></div><div></div></div><div>SANDY CLAY</div></div> <div><div><div></div><div></div></div><div>SILTY CLAY</div></div>	<div><div><div></div><div></div></div><div>HETEROLITHIC STRATIFICATION</div></div> <div><div><div></div><div></div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div> <div><div><div></div><div></div></div><div>HOMOLITHIC STRATIFICATION</div></div> <div><div><div></div><div></div></div><div>INCLINED STRATIFICATION (IS)</div></div> <div><div><div></div><div></div></div><div>CONGLOMERATE LAG</div></div> <div><div><div></div><div></div></div><div>MASSIVE</div></div>	<div><div><div></div><div></div></div><div>FLASER</div></div> <div><div><div></div><div></div></div><div>WAVY</div></div> <div><div><div></div><div></div></div><div>LENTICULAR</div></div>	<div><div><div></div><div></div></div><div>MUD DRAPE</div></div> <div><div><div></div><div></div></div><div>RIPPLE</div></div> <div><div><div></div><div></div></div><div>SOFT-SEDIMENT DEFORMATION</div></div> <div><div><div></div><div></div></div><div>ROOT / WOOD DEBRIS</div></div> <div><div><div></div><div></div></div><div>SHELL FRAGMENT</div></div> <div><div><div></div><div></div></div><div>GRAVEL</div></div>	<div><div><div></div><div></div></div><div>MUD CLAST</div></div> <div><div><div></div><div></div></div><div>MUD DRAPED RIPPLE</div></div>	<div><div><div></div><div></div></div><div>IHS muddy</div></div> <div><div><div></div><div></div></div><div>IHS mixed</div></div> <div><div><div></div><div></div></div><div>IHS sandy (moderate mud drapes)</div></div> <div><div><div></div><div></div></div><div>IHS sandy (few mud drapes)</div></div> <div><div><div></div><div></div></div><div>IS mud</div><div><div></div><div></div></div><div>Massive mud</div></div> <div><div><div></div><div></div></div><div>IS sand</div><div><div></div><div></div></div><div>Massive sand</div></div> <div><div><div></div><div></div></div><div>Conglomerate lag (with mud clasts)</div></div>	<div><div><div></div><div></div></div><div>FINING-UP CYCLE</div></div> <div><div><div></div><div></div></div><div>COARSENING-UP CYCLE</div></div>		



CORE LOG
AL1 - V7

CORE LENGTH: 0.85 m

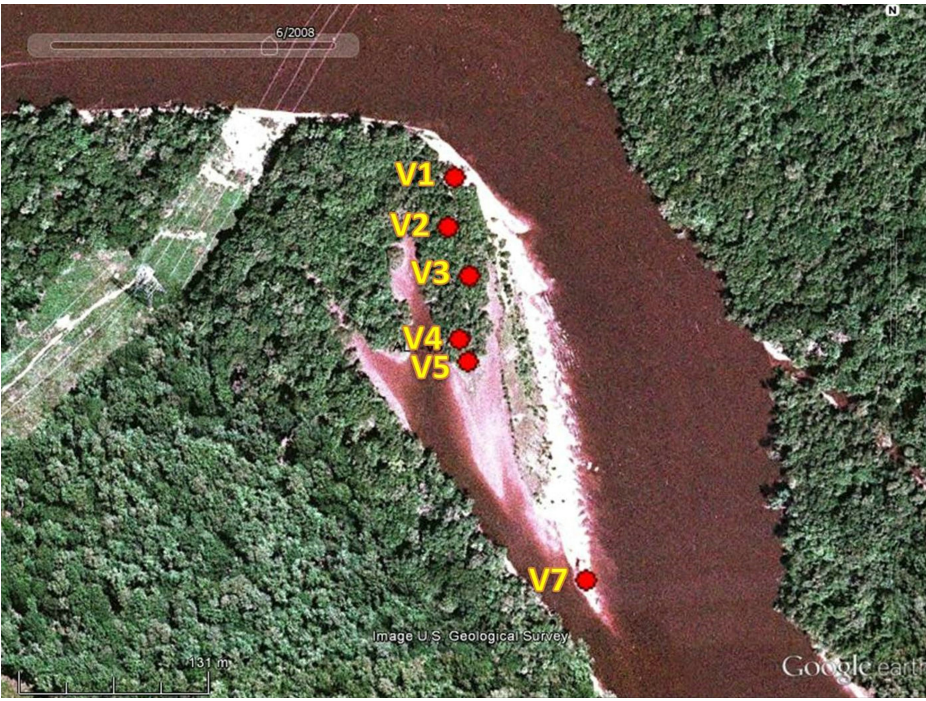
TOTAL DEPTH: 2.88 m

COMPACTION: 2.03 m

LOCATION: Altamaha River - site 1

COORDINATES: 31.442667 N - 81.610611 W

AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div>	<div><div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div><div><div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div></div></div>	<div><div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div><div><div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div></div></div>	<div><div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div></div><div><div><div>Massive mud</div><div>Massive sand</div></div></div></div>	<div><div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div></div>					

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0														0
0.1								99						0.1
0.2														0.2
0.3								99					IS medium to coarse sand intercalated with massive medium sand	0.3
0.4													Average sand = 98% Average for IS sand (thickness 37.3 cm - 96%)	0.4
0.5														0.5
0.6														0.6
0.7								95						0.7
0.8														0.8
0.9														0.9
1														1
CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div><div></div><div>SAND</div></div><div><div></div><div>SILT</div></div><div><div></div><div>MUD</div></div><div><div></div><div>CLAY</div></div></div><div><div><div></div><div>SILTY SAND</div></div><div><div></div><div>CLAYEY SAND</div></div><div><div></div><div>SANDY SILT</div></div><div><div></div><div>CLAYEY SILT</div></div><div><div></div><div>SANDY CLAY</div></div><div><div></div><div>SILTY CLAY</div></div></div></div>		<div><div><div></div><div>HETEROLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div><div><div></div><div>HOMOLITHIC STRATIFICATION</div></div><div><div></div><div>INCLINED STRATIFICATION (IS)</div></div><div><div></div><div>CONGLOMERATE LAG</div></div><div><div></div><div>MASSIVE</div></div></div> <div><div><div></div><div>FLASER</div></div><div><div></div><div>WAVY</div></div><div><div></div><div>LENTICULAR</div></div></div>		<div><div><div></div><div>MUD DRAPE</div></div><div><div></div><div>RIPPLE</div></div><div><div></div><div>SOFT-SEDIMENT DEFORMATION</div></div><div><div></div><div>ROOT / WOOD DEBRIS</div></div><div><div></div><div>SHELL FRAGMENT</div></div><div><div></div><div>GRAVEL</div></div></div> <div><div><div></div><div>MUD CLAST</div></div><div><div></div><div>MUD DRAPED RIPPLE</div></div></div>		<div><div><div></div><div>IHS muddy</div></div><div><div></div><div>IHS mixed</div></div><div><div></div><div>IHS sandy (moderate mud drapes)</div></div><div><div></div><div>IHS sandy (few mud drapes)</div></div><div><div><div></div><div>IS mud</div><div></div><div>Massive mud</div></div></div><div><div><div></div><div>IS sand</div><div></div><div>Massive sand</div></div></div><div><div><div></div><div>Conglomerate lag (with mud clasts)</div></div></div></div>		<div><div></div><div>FINING-UP CYCLE</div></div> <div><div></div><div>COARSENING-UP CYCLE</div></div>	



CORE LOG
AL2 - V1

CORE LENGTH: 2.70 m

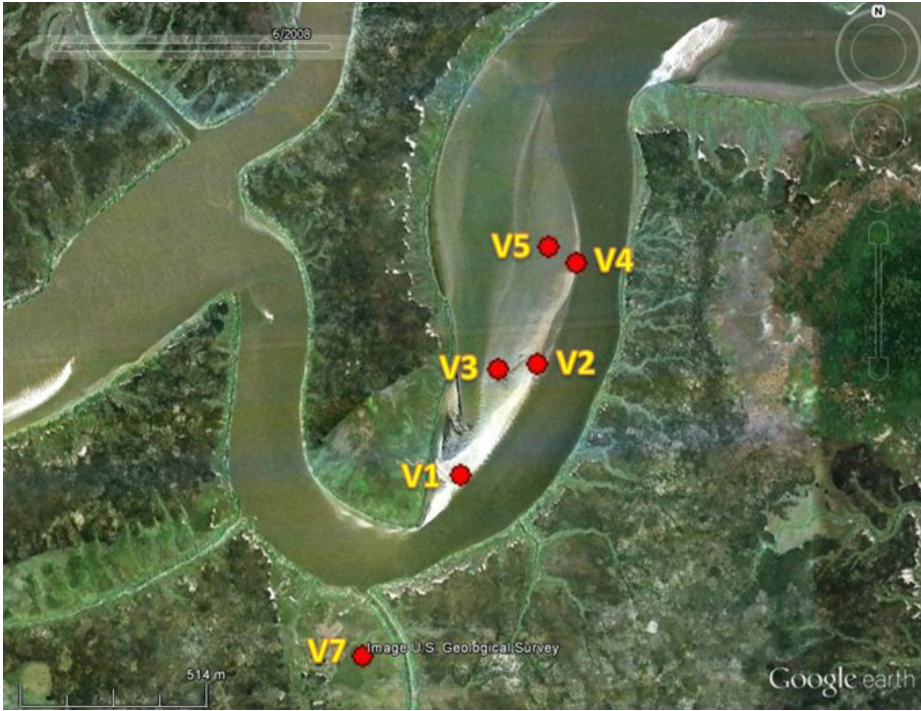
TOTAL DEPTH: 3.45 m

COMPACTION: 0.75 m

LOCATION: Altamaha River - site 2

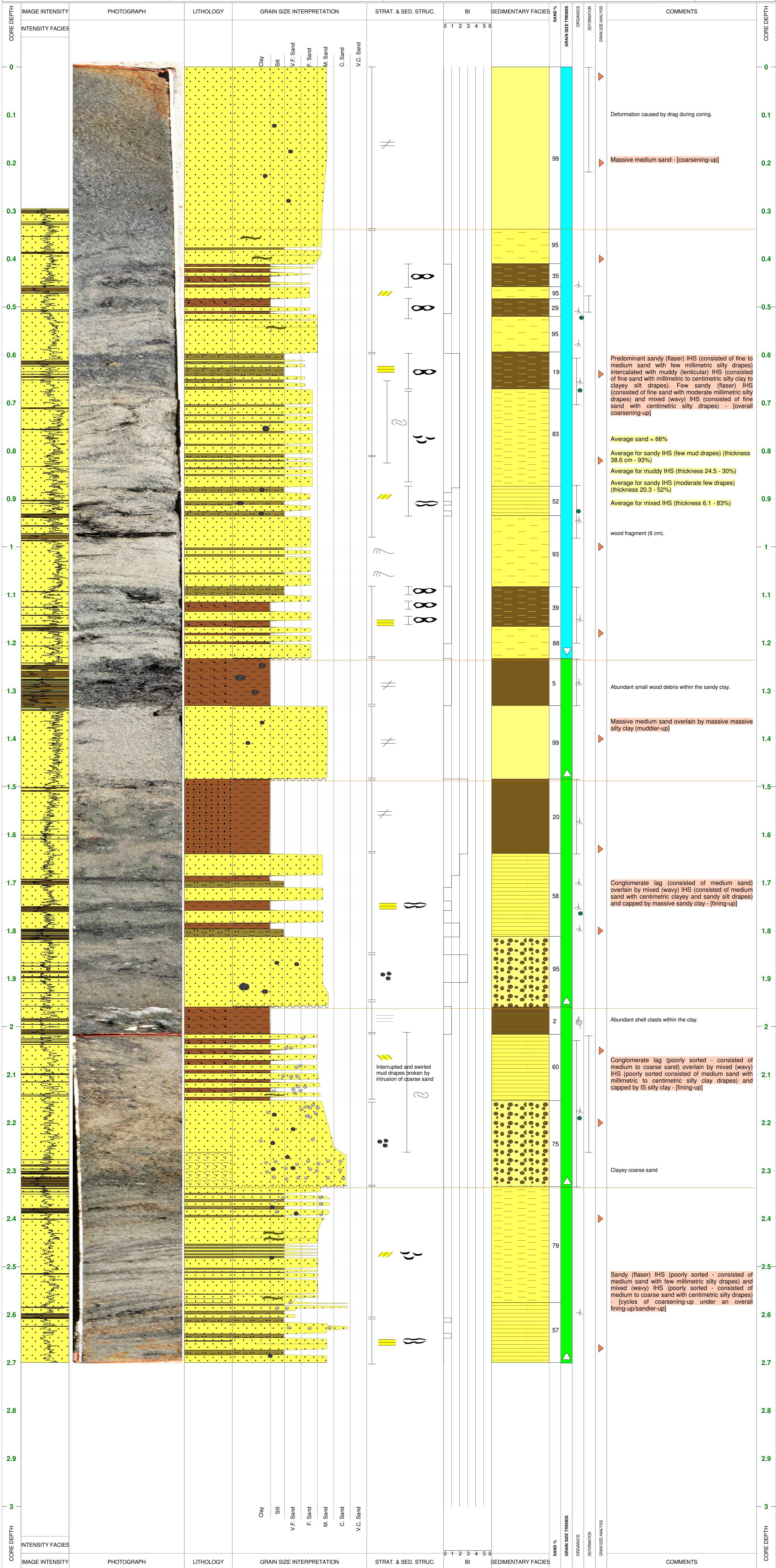
COORDINATES: 31.362556 N - 81.352083 W

AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS



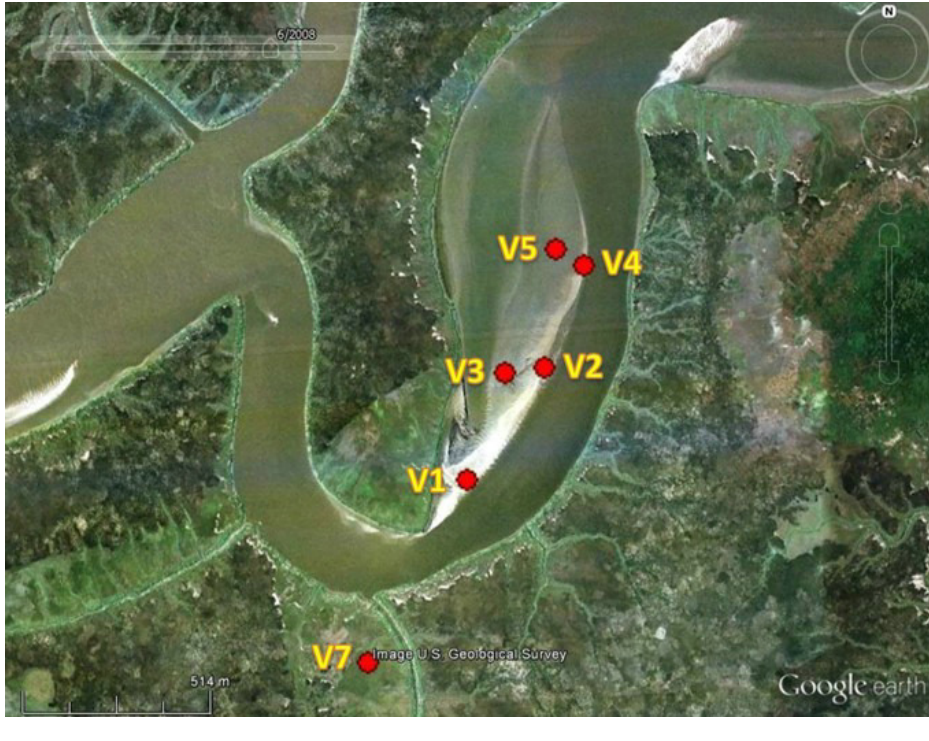
LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS

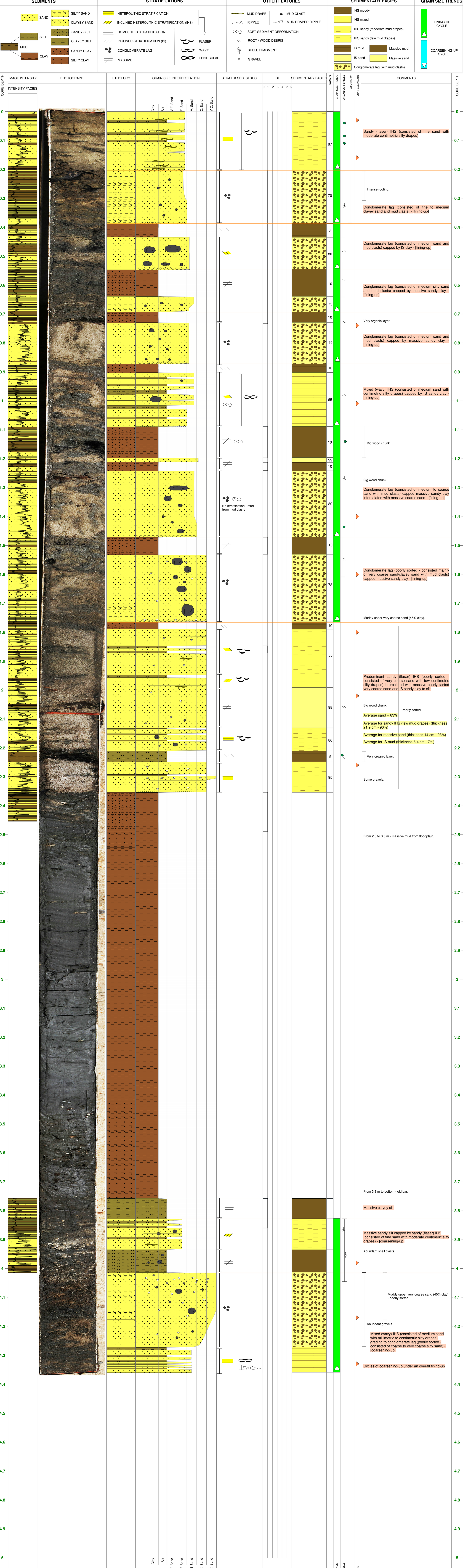


CORE LOG
AL2 - V2

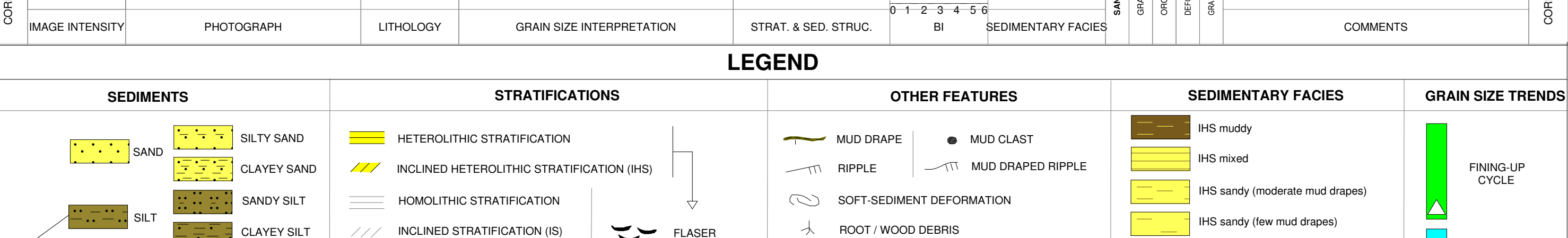
CORE LENGTH: 4.36 m
TOTAL DEPTH: 5.48 m
COMPACTION: 1.12 m
LOCATION: Altamaha River - site 2
COORDINATES: 31.365306 N - 81.349833 W
AUTHOR: Pricilla Souza



LEGEND



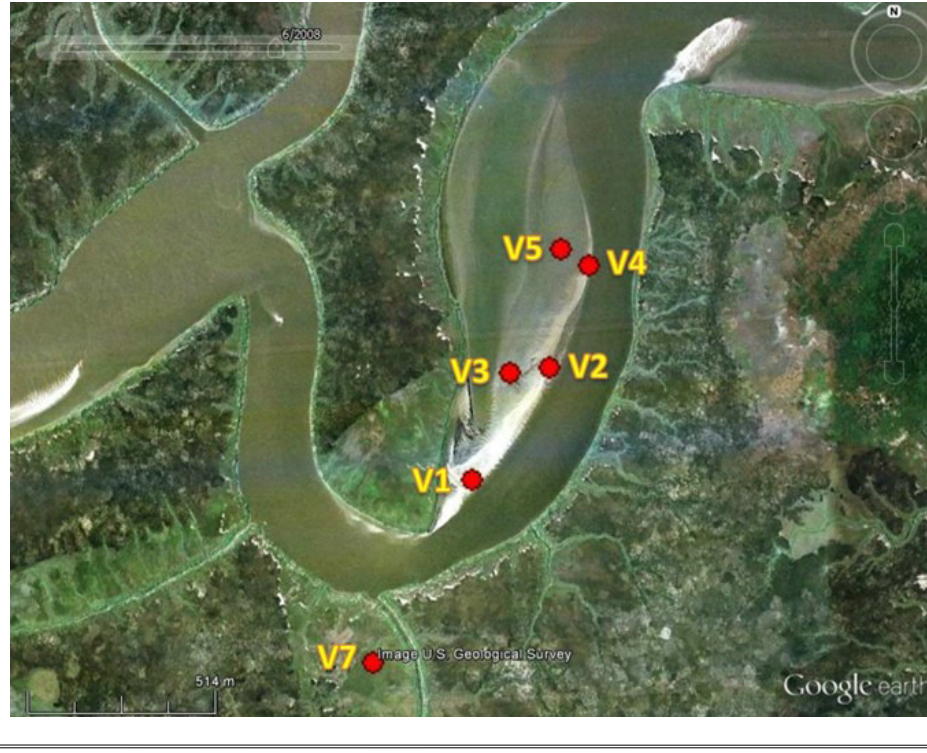
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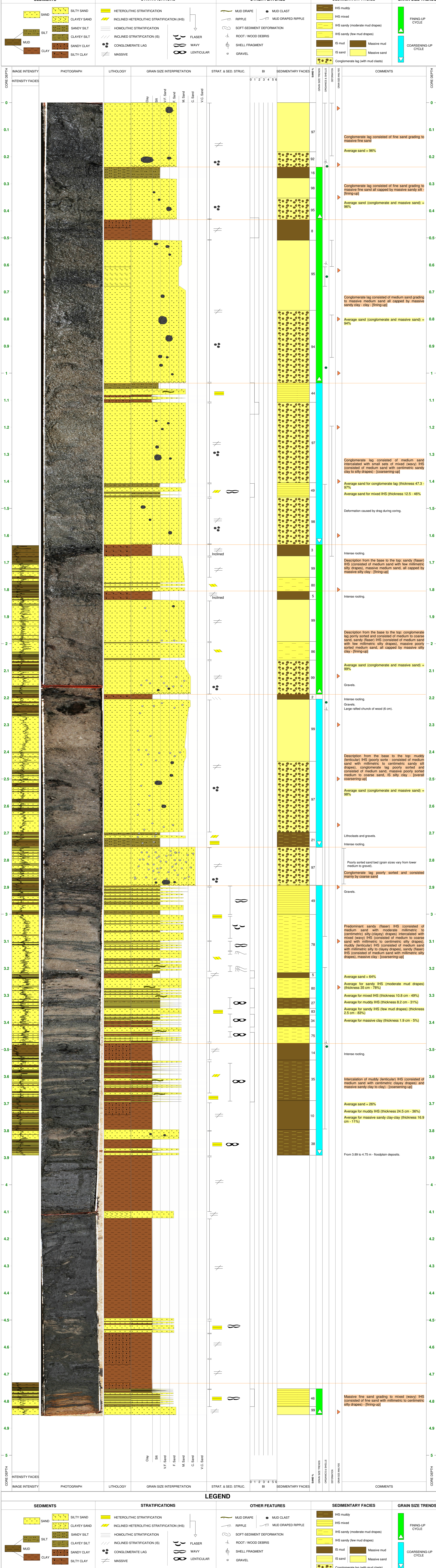


CORE LOG
AL2 - V3

CORE LENGTH: 4.85 m
TOTAL DEPTH: 5.60 m
COMPACTION: 0.75 m
LOCATION: Altamaha River - site 2
COORDINATES: 31.365194 N - 81.350972 W
AUTHOR: Pricilla Souza



LEGEND



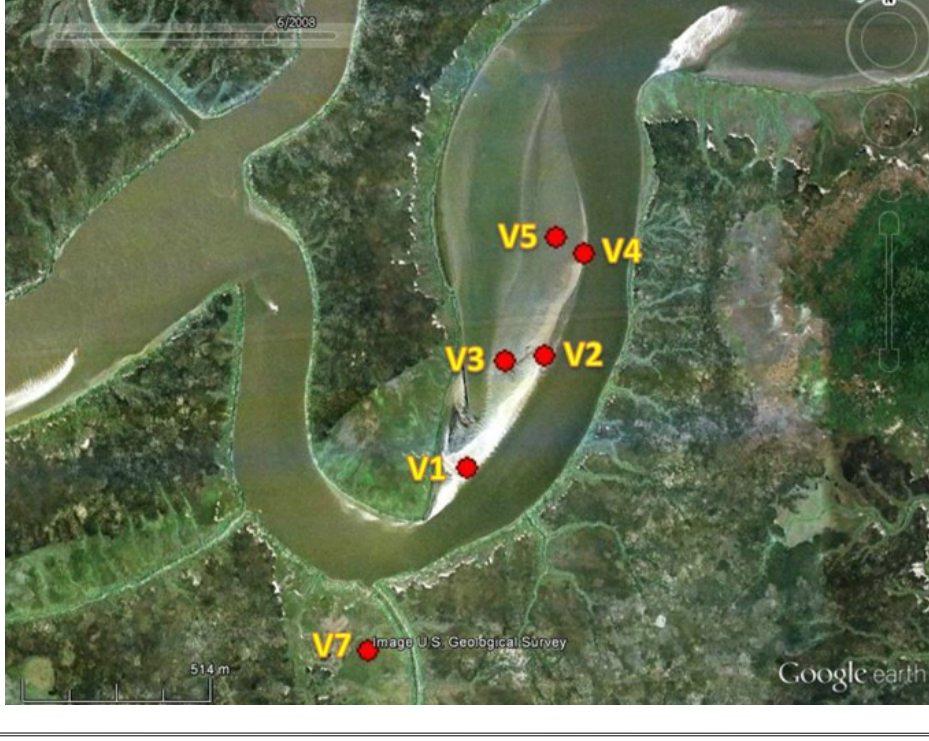
LEGEND



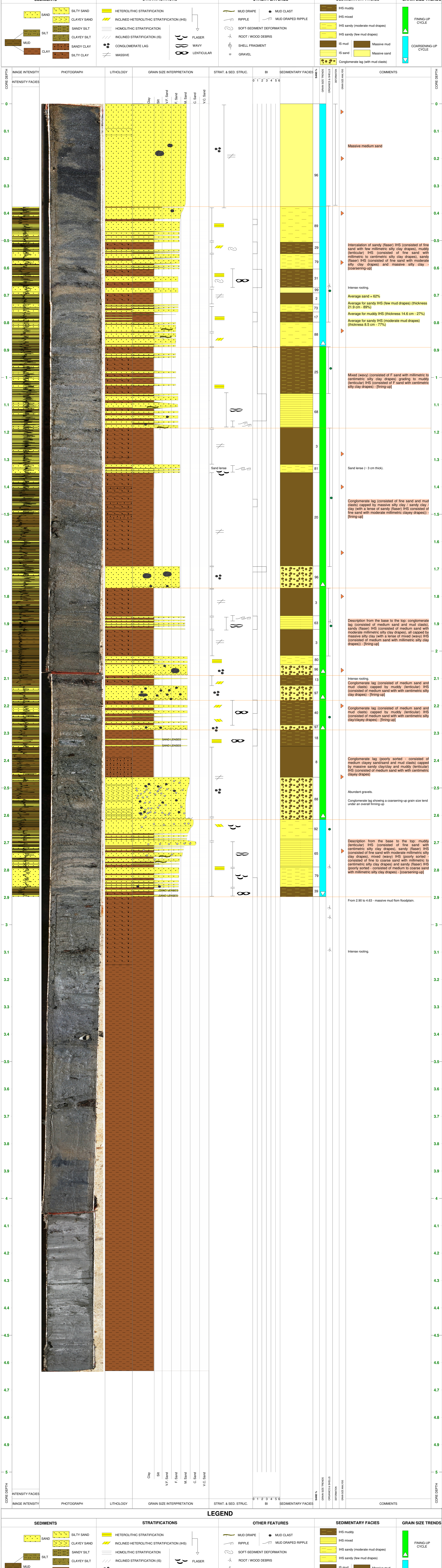


CORE LOG
AL2 - V4

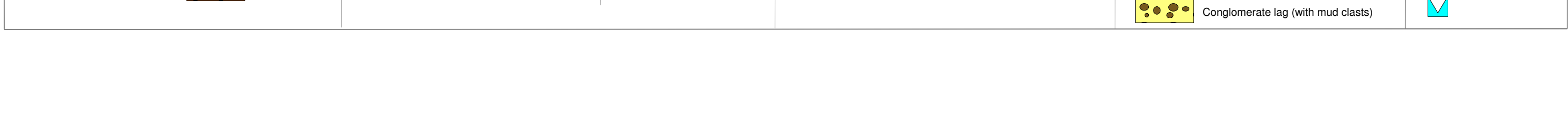
CORE LENGTH: 4.63 m
TOTAL DEPTH: 5.44 m
COMPACTION: 0.81 m
LOCATION: Altamaha River - site 2
COORDINATES: 31.367833 N - 81.348694 W
AUTHOR: Pricilla Souza



LEGEND



LEGEND





CORE LOG
AL2 - V5

CORE LENGTH: 2.99 m

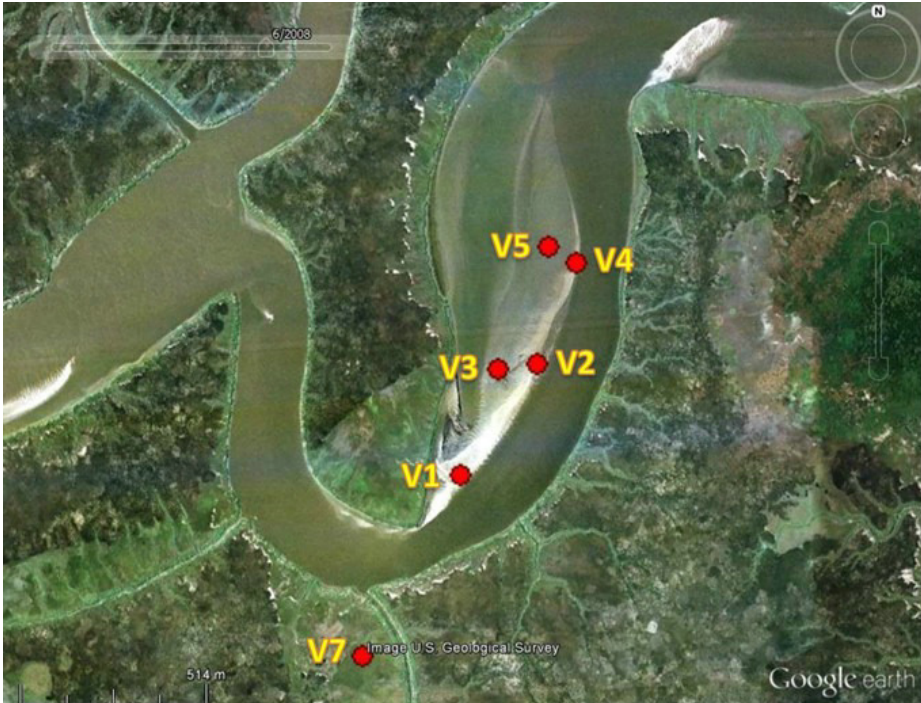
TOTAL DEPTH: 3.24 m

COMPACTION: 0.25 m

LOCATION: Altamaha River - site 2

COORDINATES: 31.360222 N - 81.3495 W

AUTHOR: Pricilla Souza



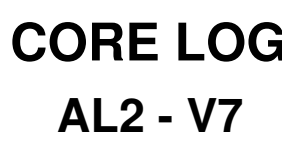
LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		SILT		MUD		CLAY	
	SANDY SILT		CLAYEY SILT		SANDY CLAY		SILTY CLAY	
	HETEROLITHIC STRATIFICATION		INCLINED HETEROLITHIC STRATIFICATION (IHS)		HOMOLITHIC STRATIFICATION		INCLINED STRATIFICATION (IS)	
	CONGLOMERATE LAG		MASSIVE		FLASER		WAVY	
	LENTICULAR		MUD CLAST		MUD DRAPED RIPPLE		SOFT-SEDIMENT DEFORMATION	
	ROOT / WOOD DEBRIS		SHELL FRAGMENT		GRAVEL			
	IHS muddy		IHS mixed		IHS sandy (moderate mud drapes)		IHS sandy (few mud drapes)	
	IS mud		IS sand		Conglomerate lag (with mud clasts)		Massive mud	
	Massive sand						FINING-UP CYCLE	
							COARSENING-UP CYCLE	

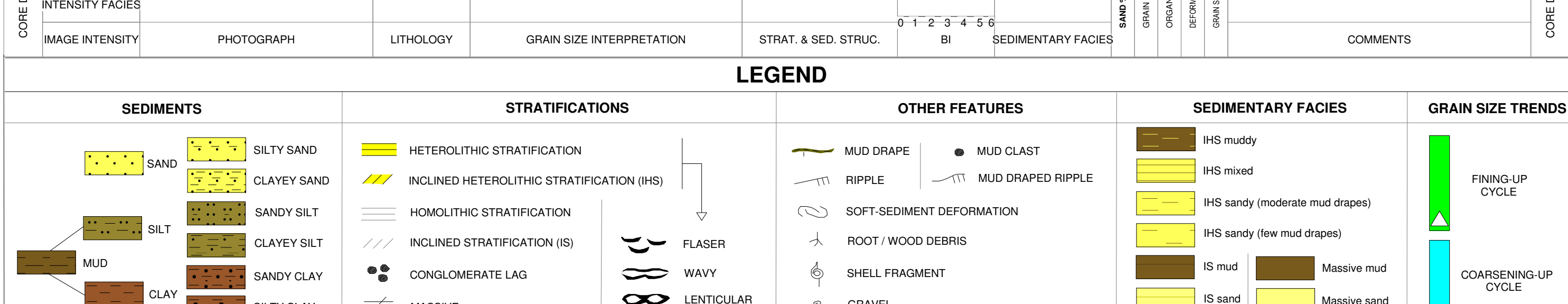
CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	GRAIN SIZE TRENDS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES									0
0.1										0.1
0.2										0.2
0.3										0.3
0.4										0.4
0.5										0.5
0.6										0.6
0.7										0.7
0.8										0.8
0.9										0.9
1										1
1.1										1.1
1.2										1.2
1.3										1.3
1.4										1.4
1.5										1.5
1.6										1.6
1.7										1.7
1.8										1.8
1.9										1.9
2										2
2.1										2.1
2.2										2.2
2.3										2.3
2.4										2.4
2.5										2.5
2.6										2.6
2.7										2.7
2.8										2.8
2.9										2.9
3										3
	INTENSITY FACIES									
	IMAGE INTENSITY									

LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		SILT		MUD		CLAY	
	SANDY SILT		CLAYEY SILT		SANDY CLAY		SILTY CLAY	
	HETEROLITHIC STRATIFICATION		INCLINED HETEROLITHIC STRATIFICATION (IHS)		HOMOLITHIC STRATIFICATION		INCLINED STRATIFICATION (IS)	
	CONGLOMERATE LAG		MASSIVE		FLASER		WAVY	
	LENTICULAR		MUD CLAST		MUD DRAPED RIPPLE		SOFT-SEDIMENT DEFORMATION	
	ROOT / WOOD DEBRIS		SHELL FRAGMENT		GRAVEL			
	IHS muddy		IHS mixed		IHS sandy (moderate mud drapes)		IHS sandy (few mud drapes)	
	IS mud		IS sand		Conglomerate lag (with mud clasts)		Massive mud	
	Massive sand						FINING-UP CYCLE	
							COARSENING-UP CYCLE	



SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
	SAND	SILTY SAND							
		CLAYEY SAND							
	SILT	SANDY SILT							
		CLAYEY SILT							
	MUD	SANDY CLAY							
	CLAY	SILTY CLAY							





CORE LOG
DUP - V1

CORE LENGTH: 3.84 m
TOTAL DEPTH: 4.79 m
COMPACTION: 0.95 m
LOCATION: Duplin
COORDINATES: 31.460861 N - 81.276111 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



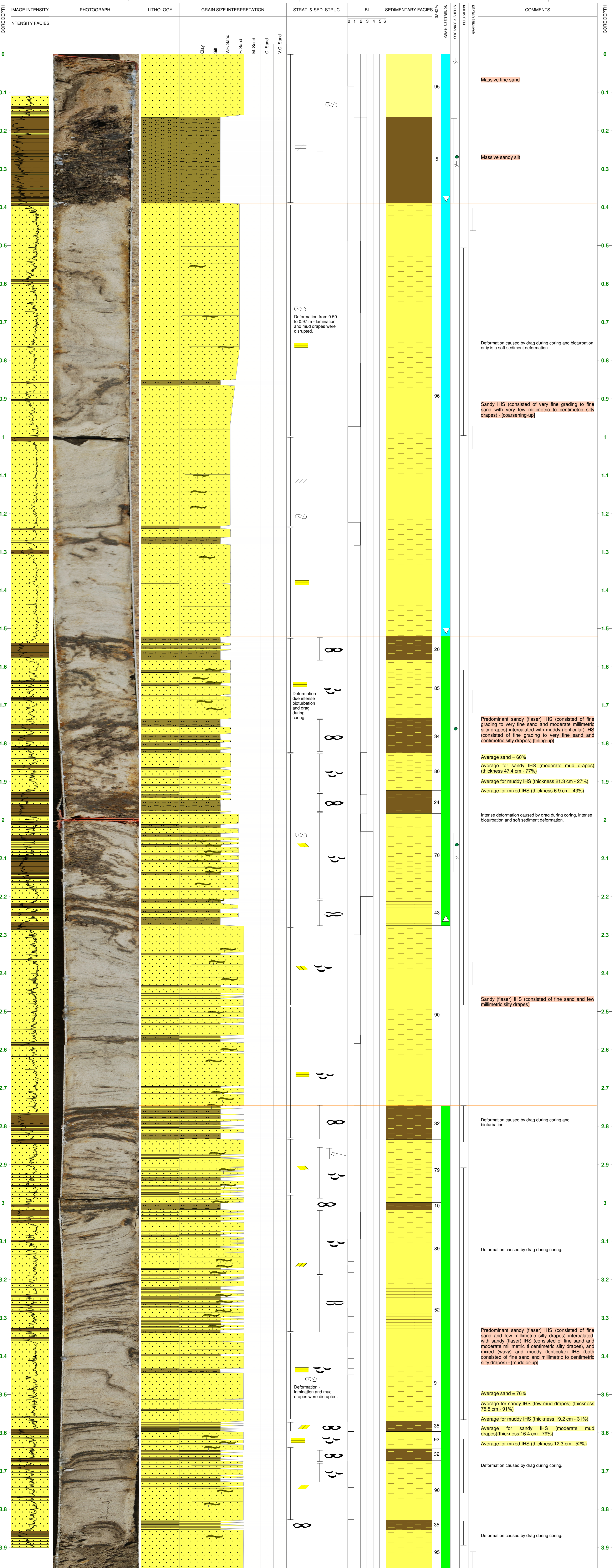
CORE LOG
DUP - V2

CORE LENGTH: 3.98 m
TOTAL DEPTH: 5.03 m
COMPACTION: 1.05 m
LOCATION: Duplin
COORDINATES: 31.460611 N - 81.275833 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



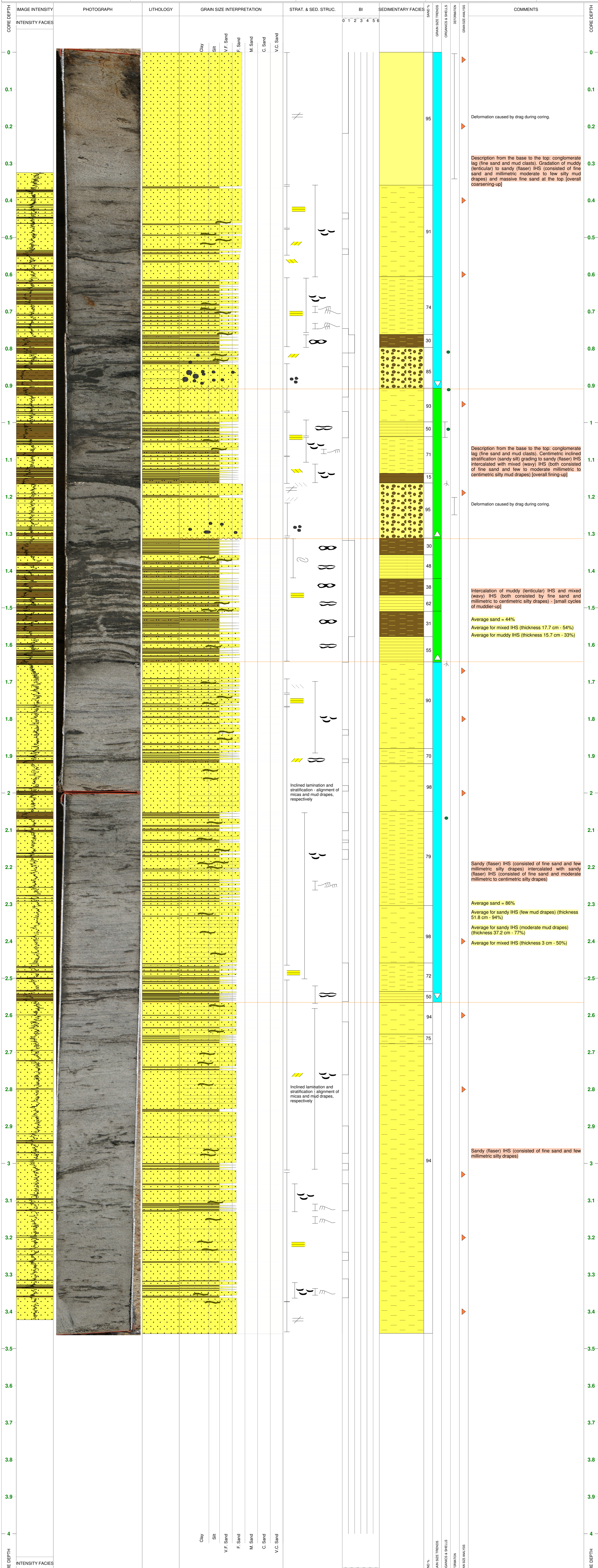
CORE LOG
DUP - V3

CORE LENGTH: 3.46 m
TOTAL DEPTH: 4.58 m
COMPACTION: 1.12 m
LOCATION: Duplin
COORDINATES: 31.46075 N - 81.276 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>

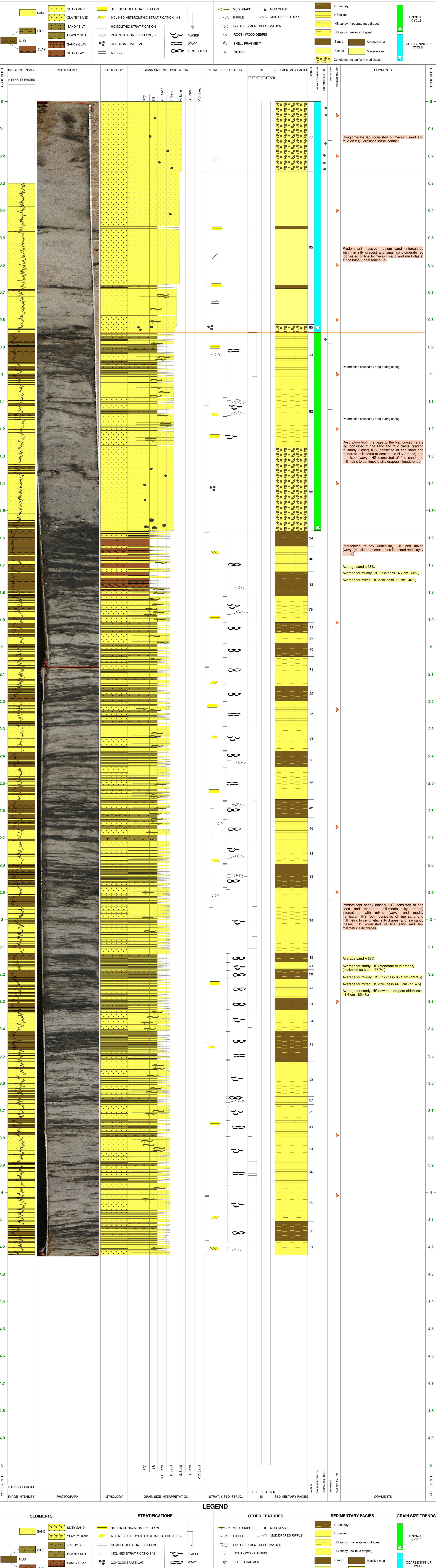


CORE LOG
DUP - V4

CORE LENGTH: 4.23 m
TOTAL DEPTH: 5.40 m
COMPACTION: 1.17 m
LOCATION: Duplin
COORDINATES: 31.468083 N - 81.27575 W
AUTHOR: Pricilla Souza



LEGEND



LEGEND



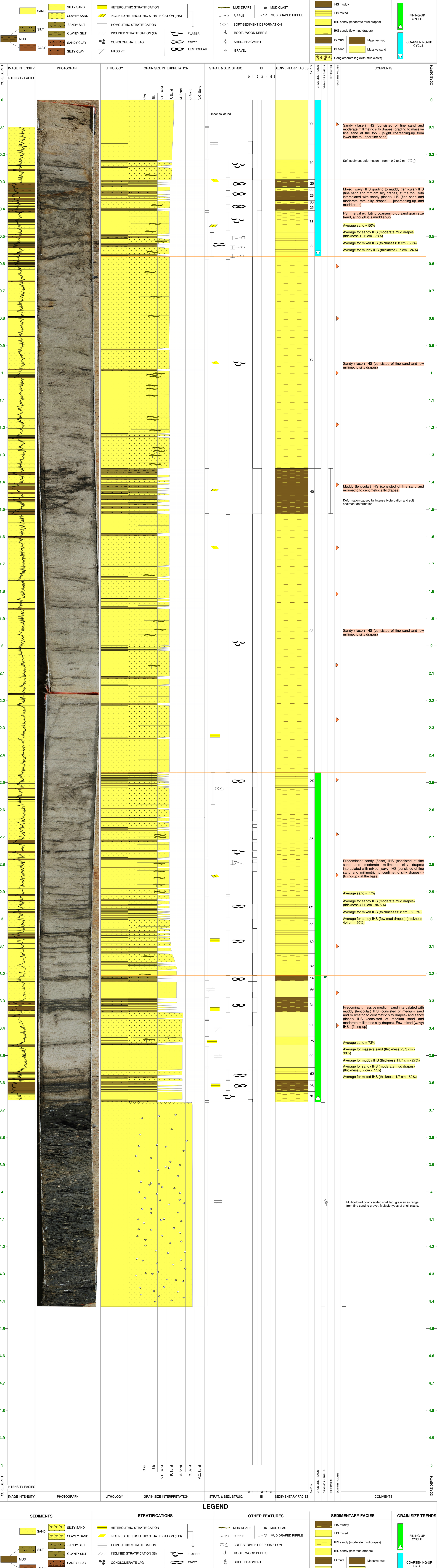


CORE LOG
DUP - V5

CORE LENGTH: 4.42 m
TOTAL DEPTH: 5.58 m
COMPACTION: 1.16 m
LOCATION: Duplin
COORDINATES: 31.460583 N - 81.226611 W
AUTHOR: Pricilla Souza



LEGEND



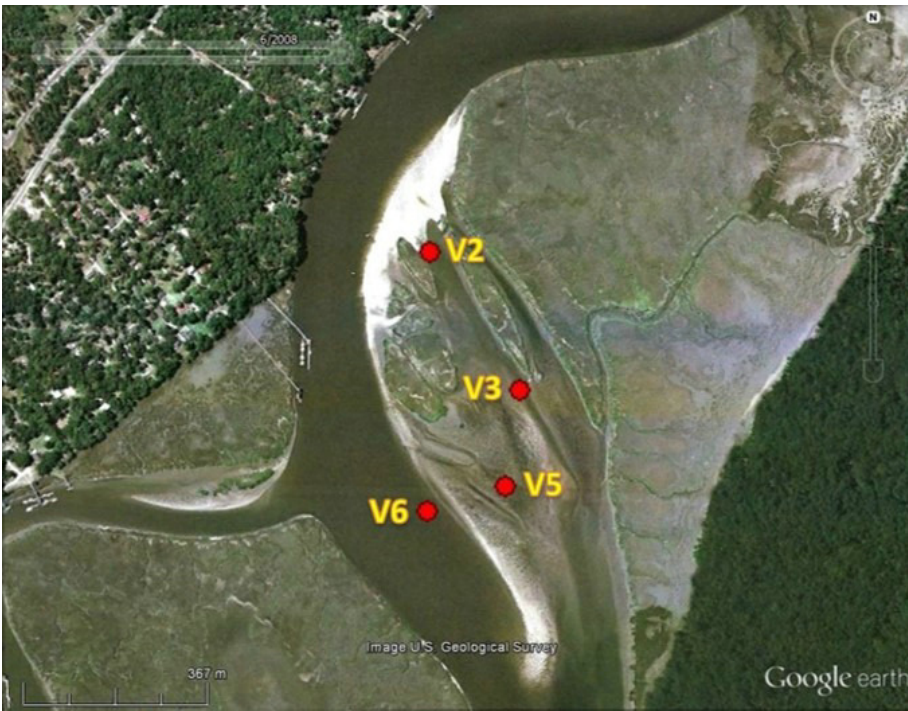
LEGEND





CORE LOG
SA1 - V2

CORE LENGTH: 1.46 m
TOTAL DEPTH: 1.77 m
COMPACTION: 0.31 m
LOCATION: Sapelo Sound - site 1
COORDINATES: 31.574972 N - 81.311944 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



























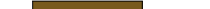

















A satellite map of the Tana River delta region. The river flows from the top left towards the bottom right, where it branches into several smaller channels. Four sampling locations are marked with red dots and labeled: V2 is located in the upper part of the delta; V3 is in the middle; V5 is further down; and V6 is at the bottom left of the main delta area. The surrounding landscape is a mix of green vegetation and brownish, possibly agricultural or urban, areas. A scale bar at the bottom left indicates distances from 0 to 10 km. A north arrow is located in the top right corner. The text 'Image © 2005, Google Earth' is visible at the bottom center.

LEGEND

	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAN SIZE TRENDS ORGANICS & SHELLS	DEFINITION	COMMENTS	CORE DEPTH	
CORE DEPTH	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6						CORE DEPTH	
0								85				0	
0.1								20				0.1	
0.2											Massive poorly sorted fine silty sand sand intercalated with poorly sorte sandy silt	0.2	
0.3									81		Average for massive sand (thickness 39.2 cm - 82%)	0.3	
0.4												0.4	
-0.5									46			Muddy (lenticular) IHS (poorly sorted - consisted of fine silty sand with centimetric clayey silt drapes) and mixed (wavy) IHS (poorly sorted - consisted of fine silty sand with millimetric clayey silt drapes) - [sandier-up]	-0.5
0.6									25			Average sand = 35%	0.6
0.7									86			Sandy (flaser) IHS (consisted of fine sand with moderate millimetric silty drapes)	0.7
0.8									55			Deformation - drag during coring.	0.8
0.9									24			Muddy (lenticular) IHS and mixed (wavy) IHS (both consisted of fine sand with millimetric to centimetric silty drapes) - [sandier-up]	0.9
1									74			Average sand = 35%	1
1.1									49			Sandy (flaser) IHS (consisted of fine sand with millicentric silty drapes)	1.1
1.2									92			Predominant sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes) intercalated with mixed (wavy) IHS (consisted of fine sand with millimetric to centimetric silty drapes), muddy (lenticular) IHS (consisted of fina sand with millimetric to centimetric clayey to silty drapes) and IS silt (erosive surface above IS silt)	1.2
1.3									27			Average sand = 64%	1.3
1.4									90			Average for sandy IHS (few mud drapes)(thickness 14.4 cm - 91%)	1.4
1.5									1			Average for mixed IHS (thickness 9.2 cm - 49%)	1.5
1.6									92			Deformation - drag during coring.	1.6
1.7									49			Deformation - drag during coring.	1.7
1.8												Massive fine sand (highly bioturbated in the base)	1.8
1.9						No stratification (mud is from bioturbation)			83				1.9
2									53			No significant grain size variation but overall muddier-up	2
2.1									95			Predominant sandy (flaser) IHS (consisted of medium to fine sand with moderate millimetric silty drapes) intercalated with mixed (wavy) IHS (consisted of fine sand with millimetric to centimetric silty drapes), muddy (lenticular) IHS (consisted of medium sand with millimetric to centimetric silty drapes) and sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes) - [fining-up]	2.1
2.2									47			Average sand = 61%	2.2
2.3									85			Average for sandy IHS (moderate mud drapes) (thickness 14.4 cm - 91%)	2.3
2.4								35			Average for mixed IHS (thickness 8.7 cm - 51%)	2.4	
2.5								85			Average for muddy IHS (thickness 7.6 cm - 30%)	2.5	
2.6								26				2.6	
2.7												2.7	
2.8												2.8	
2.9												2.9	
3												3	
CORE DEPTH	INTENSITY FACIES	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAN SIZE TRENDS ORGANICS & SHELLS	DEFINITION	COMMENTS	CORE DEPTH	

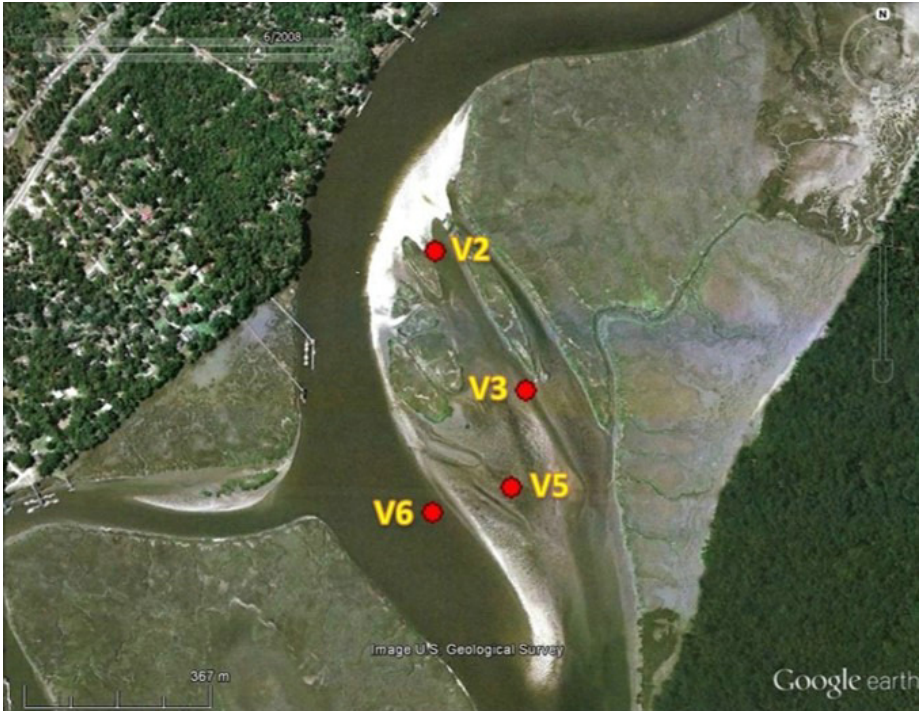
LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
	 SAND	 SILTY SAND	 HETEROLITHIC STRATIFICATION		 MUD DRAPE	 MUD CLAST	 IHS muddy	 FINING-UP CYCLE	
	 CLAYEY SAND	 CLAYEY SILT	 INCLINED HETEROLITHIC STRATIFICATION (IHS)		 RIPPLE	 MUD DRAPED RIPPLE	 IHS mixed		
	 SILT	 SANDY SILT	 HOMOLITHIC STRATIFICATION		 SOFT-SEDIMENT DEFORMATION	 ROOT / WOOD DEBRIS	 IHS sandy (moderate mud drapes)		
	 CLAYEY SILT	 CLAYEY SILT	 INCLINED STRATIFICATION (IS)		 FLASER	 SHELL FRAGMENT	 IHS sandy (few mud drapes)		
	 MUD	 SANDY CLAY	 CONGLOMERATE LAG		 WAVY	 GRAVEL	 IS mud		 Massive mud
 CLAY	 SANDY CLAY	 MASSIVE	 LENTICULAR		 IS sand	 Massive sand			
	 SILTY CLAY				 Conglomerate lag (with mud clasts)				



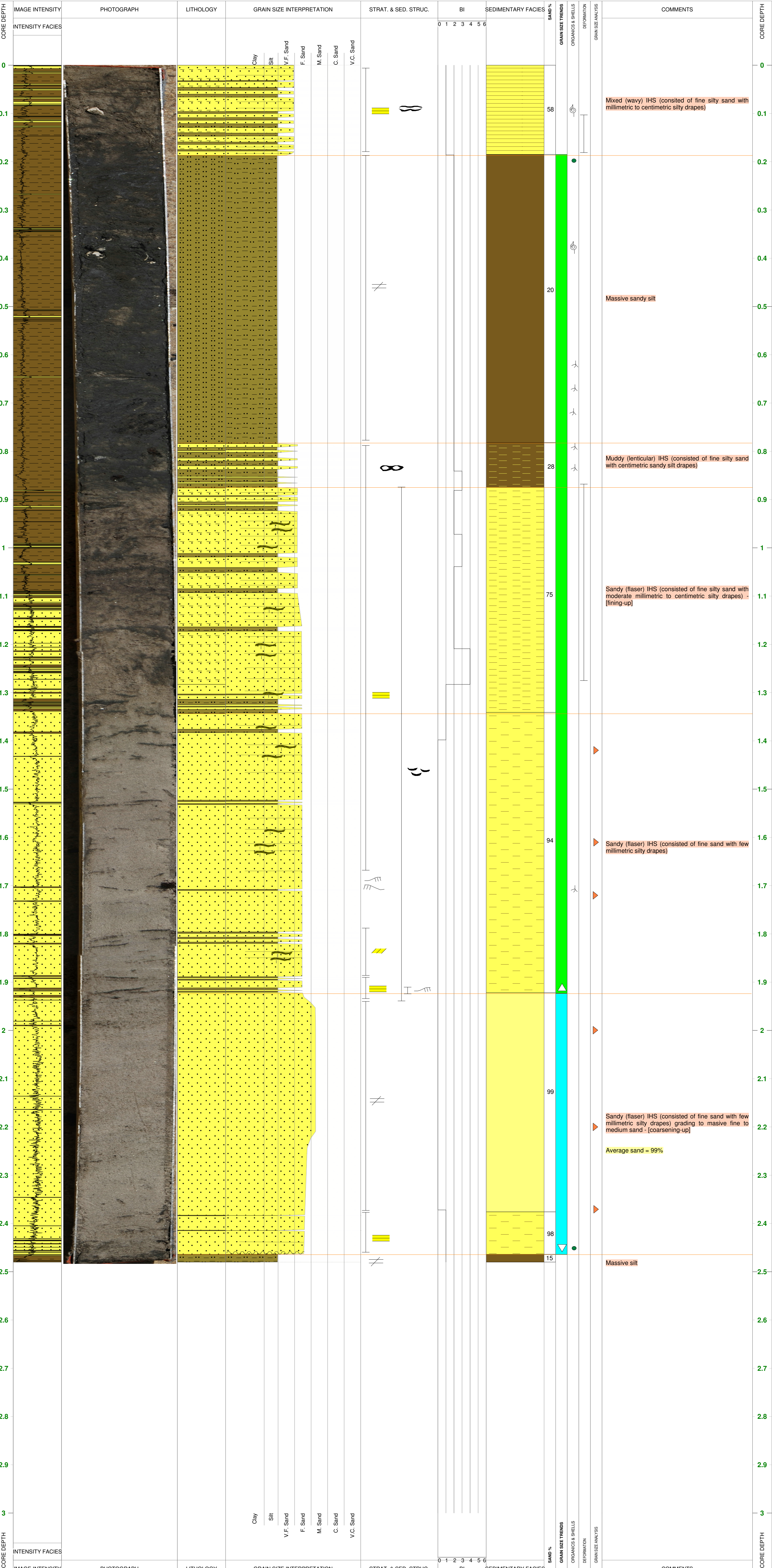
CORE LOG
SA1 - V5

CORE LENGTH: 2.48 m
TOTAL DEPTH: 3.08 m
COMPACTION: 0.60 m
LOCATION: Sapelo Sound - site 1
COORDINATES: 31.570778 N - 81.31031 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		HETEROLITHIC STRATIFICATION		MUD DRAPE		IHS muddy	
	SILTY SAND		INCLINED HETEROLITHIC STRATIFICATION (IHS)		RIPPLE		IHS mixed	
	CLAYEY SAND		HOMOLITHIC STRATIFICATION		SOFT-SEDIMENT DEFORMATION		IHS sandy (moderate mud drapes)	
	SANDY SILT		INCLINED STRATIFICATION (IS)		ROOT / WOOD DEBRIS		IHS sandy (few mud drapes)	
	CLAYEY SILT		CONGLOMERATE LAG		SHELL FRAGMENT		IS mud	
	SANDY CLAY		MASSIVE		GRAVEL		IS sand	
	CLAY						Conglomerate lag (with mud clasts)	



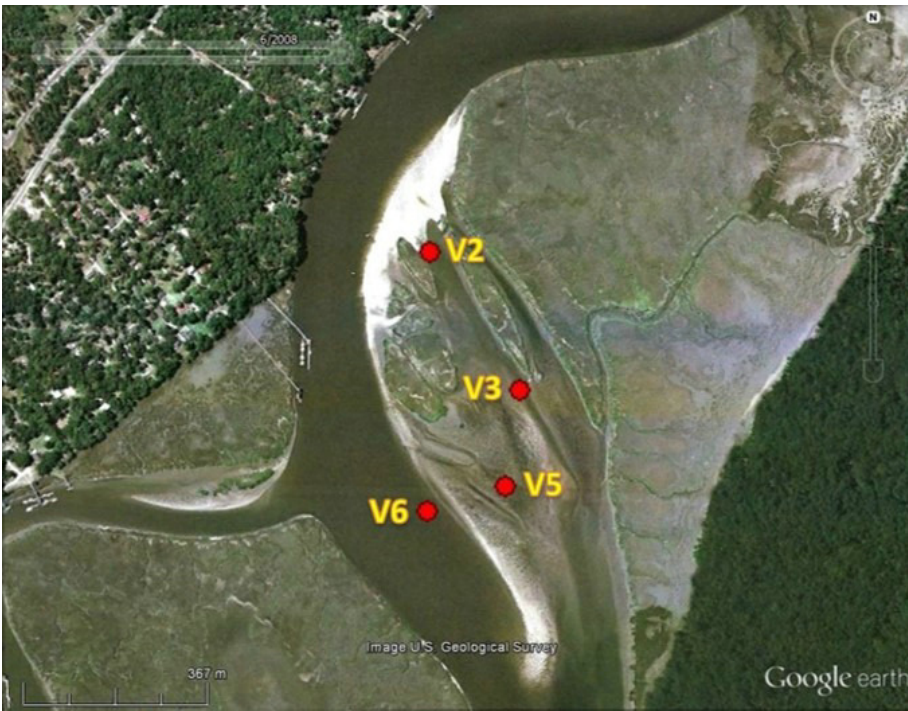
LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		HETEROLITHIC STRATIFICATION		MUD DRAPE		IHS muddy	
	SILTY SAND		INCLINED HETEROLITHIC STRATIFICATION (IHS)		RIPPLE		IHS mixed	
	CLAYEY SAND		HOMOLITHIC STRATIFICATION		SOFT-SEDIMENT DEFORMATION		IHS sandy (moderate mud drapes)	
	SANDY SILT		INCLINED STRATIFICATION (IS)		ROOT / WOOD DEBRIS		IHS sandy (few mud drapes)	
	CLAYEY SILT		CONGLOMERATE LAG		SHELL FRAGMENT		IS mud	
	SANDY CLAY		MASSIVE		GRAVEL		IS sand	
	CLAY						Conglomerate lag (with mud clasts)	





























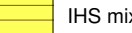







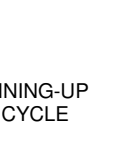
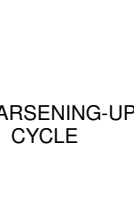


CORE LOG
SA1 - V6

CORE LENGTH: 1.17 m
TOTAL DEPTH: 1.32 m
COMPACTION: 0.15 m
LOCATION: Sapelo Sound - site 1
COORDINATES: 31.578867 N - 81.312 W
AUTHOR: Pricilla Souza




































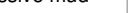

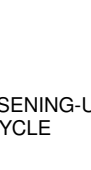


LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div> <div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div></div><div><div>Massive mud</div><div>Massive sand</div></div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6							Entire core - very few discontinuous mud drapes with ~ 1 - 2 mm.	0
0.1														0.1
0.2														0.2
0.3								96					Sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes)	0.3
0.4														0.4
0.5														0.5
0.6														0.6
0.7								99					IS poorly sorted medium sand	0.7
0.8														0.8
0.9														0.9
1													Massive poorly sorted medium sand	1
1.1								100						1.1
1.2														1.2
1.3														1.3
1.4														1.4
1.5														1.5
1.6														1.6
1.7														1.7
1.8														1.8
1.9														1.9
2	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6								2
	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div> SAND</div><div> SILT</div><div> MUD</div><div> CLAY</div></div><div><div> SILTY SAND</div><div> CLAYEY SAND</div><div> SANDY SILT</div><div> CLAYEY SILT</div><div> SANDY CLAY</div><div> SILTY CLAY</div></div></div>	<div><div> HETEROLITHIC STRATIFICATION</div><div> INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div> HOMOLITHIC STRATIFICATION</div><div> INCLINED STRATIFICATION (IS)</div><div> CONGLOMERATE LAG</div><div> MASSIVE</div></div> <div><div> FLASER</div><div> WAVY</div><div> LENTICULAR</div></div>	<div><div> MUD DRAPE</div><div> RIPPLE</div><div> SOFT-SEDIMENT DEFORMATION</div><div> ROOT / WOOD DEBRIS</div><div> SHELL FRAGMENT</div><div> GRAVEL</div></div> <div><div> MUD CLAST</div><div> MUD DRAPED RIPPLE</div></div>	<div><div> IHS muddy</div><div> IHS mixed</div><div> IHS sandy (moderate mud drapes)</div><div> IHS sandy (few mud drapes)</div><div><div> IS mud</div><div> IS sand</div><div> Conglomerate lag (with mud clasts)</div></div><div><div> Massive mud</div><div> Massive sand</div></div></div>	<div><div> FINING-UP CYCLE</div><div> COARSENING-UP CYCLE</div></div>



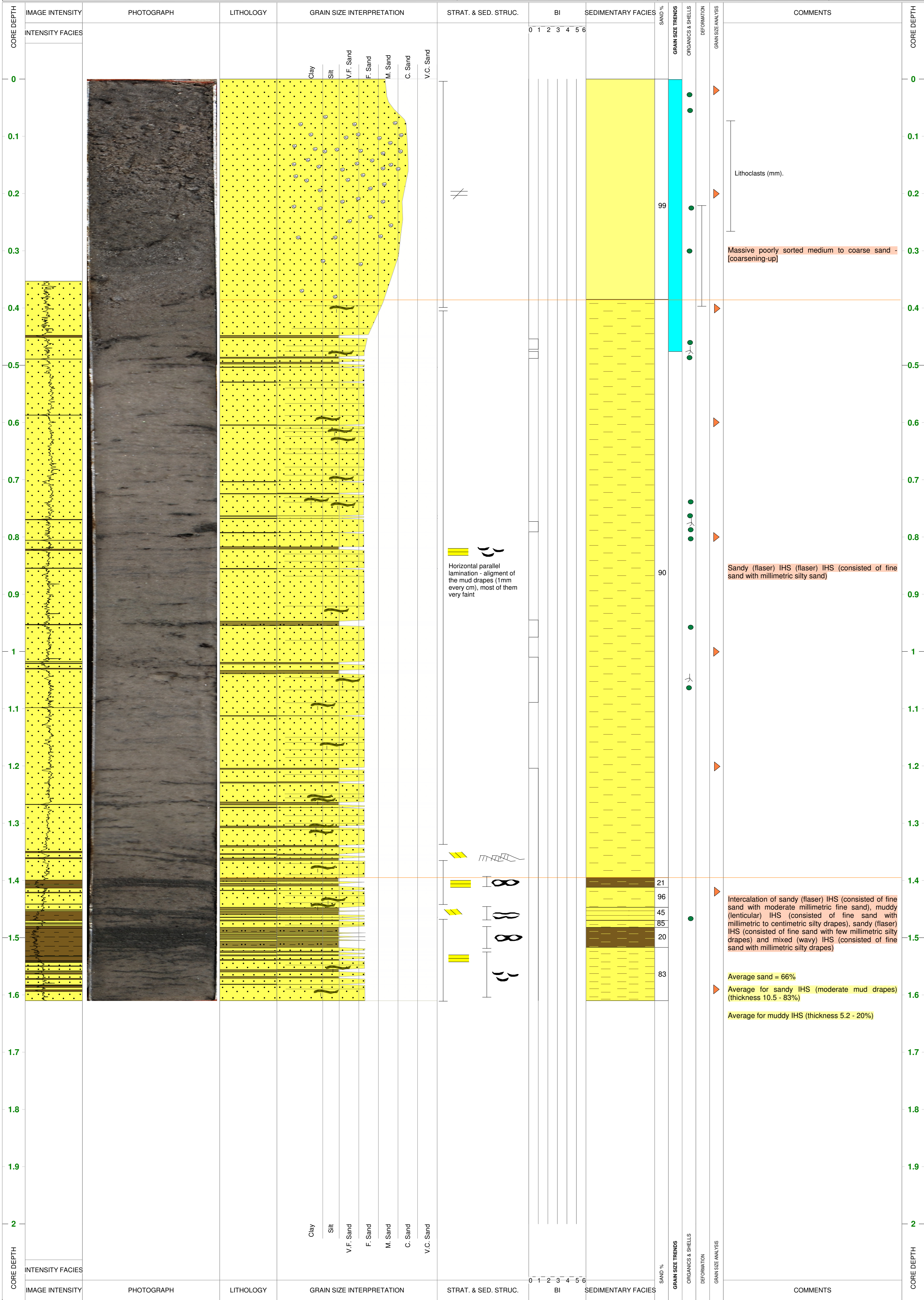
CORE LOG
SA2 - V1

CORE LENGTH: 1.61 m
TOTAL DEPTH: 1.82 m
COMPACTION: 0.21 m
LOCATION: Sapelo Sound - site 2
COORDINATES: 32.532806 N - 81.350972 W
AUTHOR: Pricilla Souza



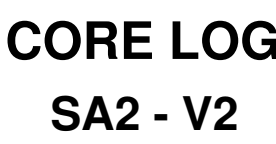
LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div><div>MUD</div><div>CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div><div>MUD</div><div>CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

CORE DEPTH		IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION		STRAT. & SED. STRUC.	BI		SEDIMENTARY FACIES	SAND %	GRAIN SIZE TREND	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
CORE DEPTH		INTENSITY FACIES			GRAIN SIZE INTERPRETATION			BI		SEDIMENTARY FACIES	SAND %	GRAIN SIZE TREND	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS		CORE DEPTH
0					Clay	Silt	V.F. Sand	F. Sand	M. Sand	C. Sand	V.C. Sand						0
0.1																	0.1
0.2																	0.2
0.3																	0.3
0.4																	0.4
0.5																	0.5
0.6																	0.6
0.7																	0.7
0.8																	0.8
0.9																	0.9
1																	1
1.1																	1.1
1.2																	1.2
1.3																	1.3
1.4																	1.4
1.5																	1.5
1.6																	1.6
1.7																	1.7
1.8																	1.8
1.9																	1.9
2																	2
2.1																	2.1
2.2																	2.2
2.3																	2.3
2.4																	2.4
2.5																	2.5
2.6																	2.6
2.7																	2.7
2.8																	2.8
2.9																	2.9
3																	3
3					Clay	Silt	V.F. Sand	F. Sand	M. Sand	C. Sand	V.C. Sand						3

LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div>SAND</div><div>SILT</div><div>MUD</div></div><div><div>CLAY</div></div></div>	<div><div><div></div></div>SAND</div>	<div><div><div></div></div>SILTY SAND</div> <div><div><div></div></div>CLAYEY SAND</div> <div><div><div></div></div>SANDY SILT</div> <div><div><div></div></div>CLAYEY SILT</div> <div><div><div></div></div>SANDY CLAY</div> <div><div><div></div></div>SILTY CLAY</div>	<div><div><div></div></div>HETEROLITHIC STRATIFICATION</div> <div><div><div></div></div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div> <div><div><div></div></div>HOMOLITHIC STRATIFICATION</div> <div><div><div></div></div>INCLINED STRATIFICATION (IS)</div> <div><div><div></div></div>CONGLOMERATE LAG</div> <div><div><div></div></div>MASSIVE</div>	<div><div><div></div></div>FLASER</div> <div><div><div></div></div>WAVY</div> <div><div><div></div></div>LENTICULAR</div>	<div><div><div></div></div>MUD DRAPE</div> <div><div><div></div></div>RIPPLE</div> <div><div><div></div></div>SOFT-SEDIMENT DEFORMATION</div> <div><div><div></div></div>ROOT / WOOD DEBRIS</div> <div><div><div></div></div>SHELL FRAGMENT</div> <div><div><div></div></div>GRAVEL</div>	<div><div><div></div></div>MUD CLAST</div> <div><div><div></div></div>MUD DRAPED RIPPLE</div>	<div><div><div></div></div>IHS muddy</div> <div><div><div></div></div>IHS mixed</div> <div><div><div></div></div>IHS sandy (moderate mud drapes)</div> <div><div><div></div></div>IHS sandy (few mud drapes)</div> <div><div><div></div></div>IS mud</div> <div><div><div></div></div>IS sand</div> <div><div><div></div></div>Conglomerate lag (with mud clasts)</div>	<div><div><div></div></div>Massive mud</div> <div><div><div></div></div>Massive sand</div>	<div><div><div></div></div>FINING-UP CYCLE</div> <div><div><div></div></div>COARSENING-UP CYCLE</div>



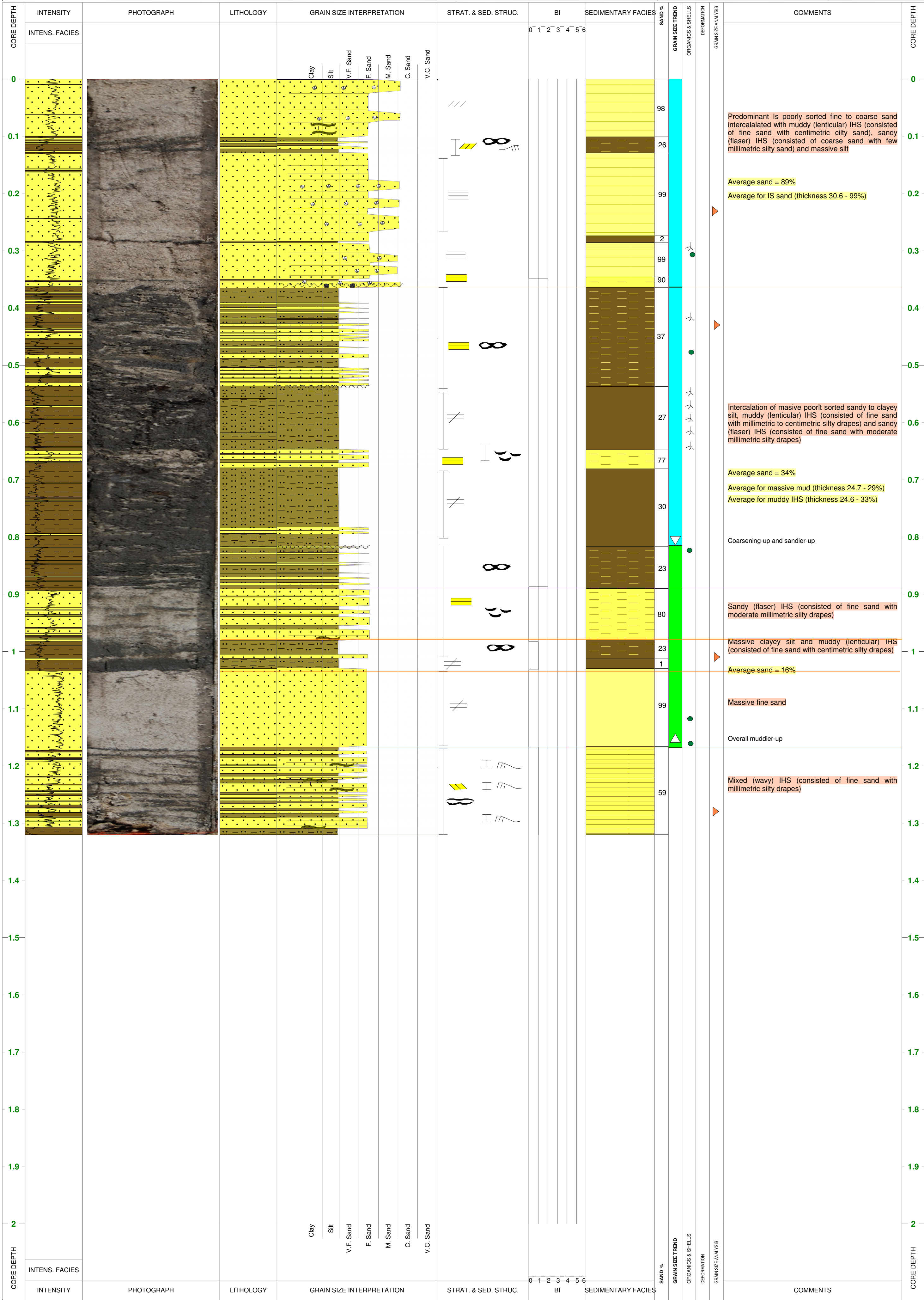
CORE LOG
SA2 - V3

CORE LENGTH: 1.32 m
TOTAL DEPTH: 1.61 m
COMPACTION: 0.60 m
LOCATION: Sapelo Sound - site 2
COORDINATES: 31.533917 N - 81.347639 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



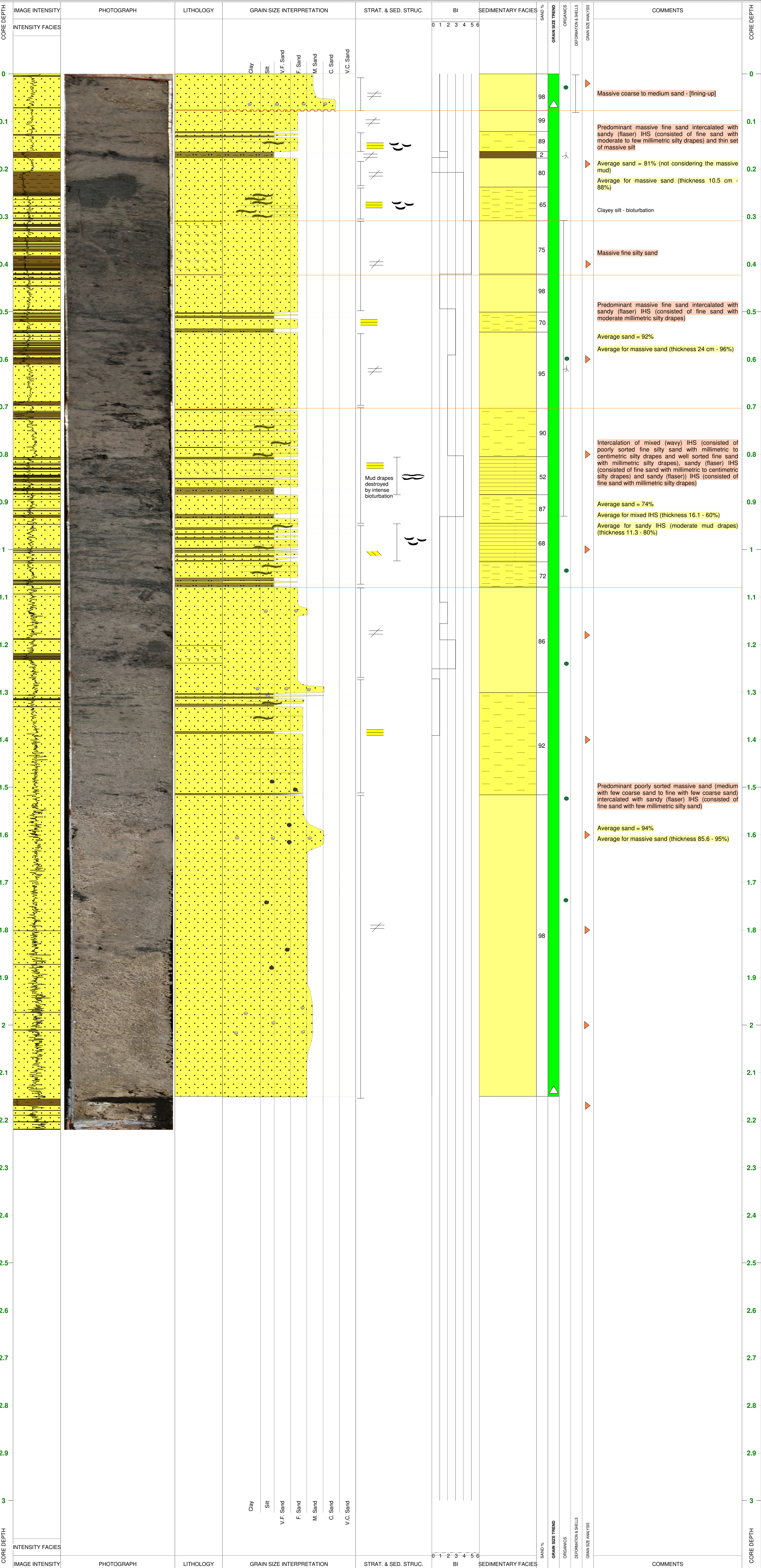
CORE LOG
SA2 - V4

CORE LENGTH: 2.15 m
TOTAL DEPTH: 2.50 m
COMPACTION: 0.28 m
LOCATION: Sapelo Sound - site 2
COORDINATES: 31.536083 N - 81.347028 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



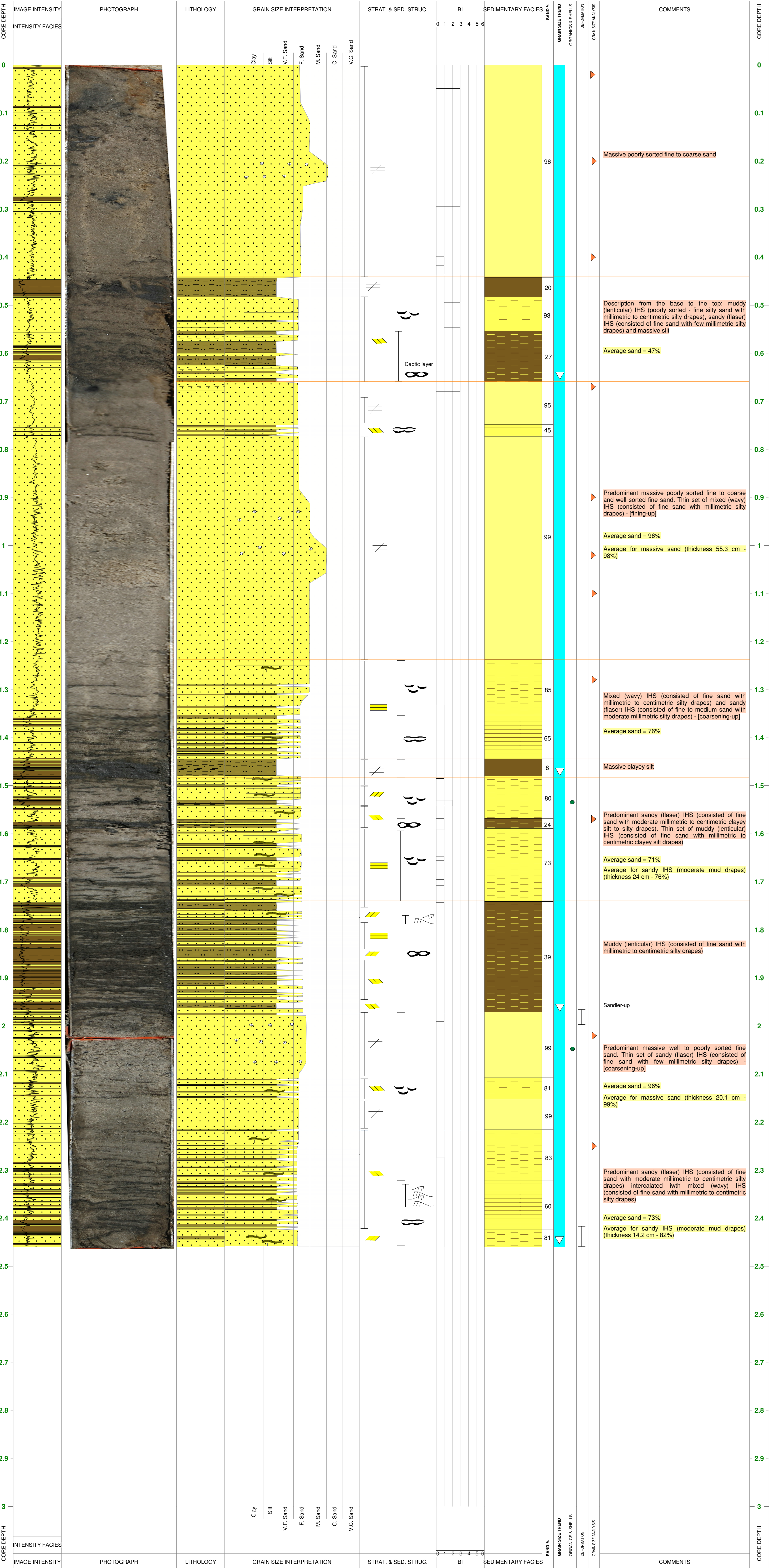
CORE LOG
SA2 - V5

CORE LENGTH: 2.46 m
TOTAL DEPTH: 2.87 m
COMPACTION: 0.41 m
LOCATION: Sapelo Sound - site 2
COORDINATES: 31.53625 N - 81.346361 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div>	<div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>	



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div> <div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div> <div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>				



CORE LOG
SA2 - V6

CORE LENGTH: 1.97 m
TOTAL DEPTH: 2.19 m
COMPACTION: 0.12 m
LOCATION: Sapelo Sound - site 2
COORDINATES: 31.532917 N - 81.351167 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div> <div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div> <div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>				

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6								0
0.1														0.1
0.2														0.2
0.3								99					Massive poorly sorted coarse sand and IS poorly sorted medium to coarse sand - [coarsening-up]	0.3
0.4													Average sand = 99%	0.4
0.5														0.5
0.6								98						0.6
0.7														0.7
0.8														0.8
0.9					Lamination - alignment of the micas and few inclined mud drapes			92						0.9
1													Description from the base to the top: very thin set of conglomerate lag consisted of fine sand and mud clasts, sandy (flaser) IHS (consisted of fine to medium sand with moderate millimetric silty drapes), muddy (lenticular) IHS (consisted of medium sand with centimetric silty drapes) and sandy (flaser) IHS (consisted of medium sand with few millimetric silty drapes) - [coarsening-up]	1
1.1								36					Average sand = 86%	1.1
1.2								80						1.2
1.3								85					Intercalation of muddy (lenticular) IHS (consisted of poorly sorted fine sand with centimetric clayey silt to silty drapes), sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes) and masive silt and clay	1.3
1.4								5						1.4
1.5								92					Rafted woods (~ 2 to 3 cm). Sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes)	1.5
1.6														1.6
1.7								34					Intercalation of sandy (lenticular) IHS (consisted of fine sand with moderate millimetric silty drapes) and muddy (lenticular) IHS (consisted of fine sand with millimetric to centimetric silty drapes) - [slight coarsening-up]	1.7
1.8								80					Average sand = 60% Average for sandy IHS (moderate mud drapes) (thickness 9.8 cm - 82%) Average for muddy IHS (thickness 9.7 cm - 37%)	1.8
1.9								38						1.9
2	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6							Sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes)	2
	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TRENDS	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH

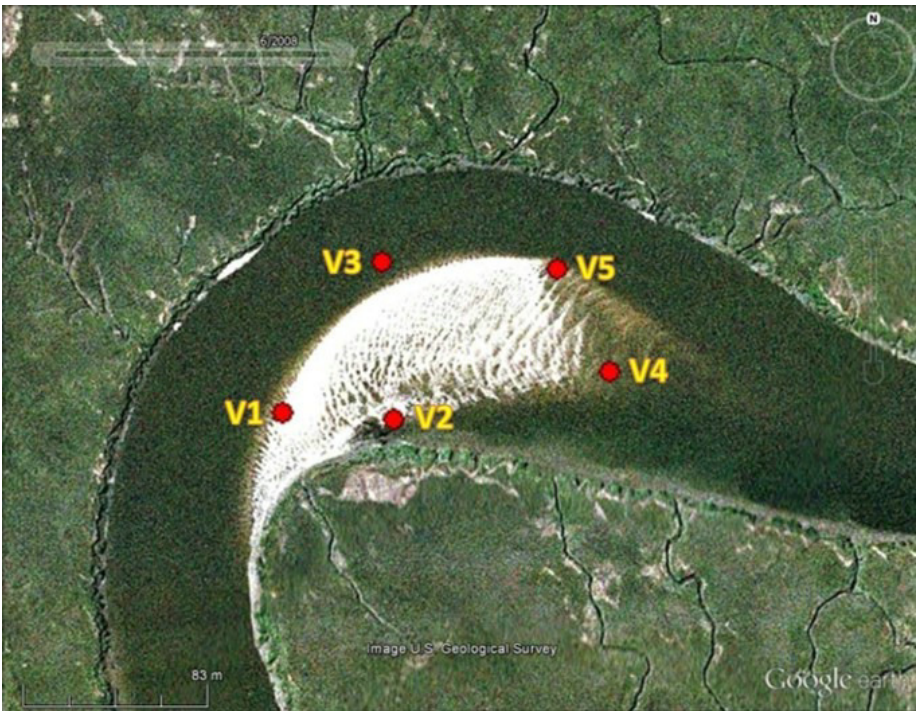
LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div> <div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div> <div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>				



CORE LOG
SA3 - V1

CORE LENGTH: 1.82 m
TOTAL DEPTH: 4.29 m
COMPACTION: 2.47 m (rodding)
LOCATION: Sapelo Sound - site 3
COORDINATES: 31.540556 N - 81.3535 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div></div><div>SAND</div></div><div><div></div><div>SILT</div></div><div><div></div><div>MUD</div></div><div><div></div><div>CLAY</div></div><div><div></div><div>SILTY SAND</div></div><div><div></div><div>CLAYEY SAND</div></div><div><div></div><div>SANDY SILT</div></div><div><div></div><div>CLAYEY SILT</div></div><div><div></div><div>SANDY CLAY</div></div><div><div></div><div>SILTY CLAY</div></div></div>	<div><div></div><div>HETEROLITHIC STRATIFICATION</div></div> <div><div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div> <div><div></div><div>HOMOLITHIC STRATIFICATION</div></div> <div><div></div><div>INCLINED STRATIFICATION (IS)</div></div> <div><div></div><div>CONGLOMERATE LAG</div></div> <div><div></div><div>MASSIVE</div></div> <div><div></div><div>FLASER</div></div> <div><div></div><div>WAVY</div></div> <div><div></div><div>LENTICULAR</div></div>	<div><div></div><div>MUD DRAPE</div></div> <div><div></div><div>RIPPLE</div></div> <div><div></div><div>SOFT-SEDIMENT DEFORMATION</div></div> <div><div></div><div>ROOT / WOOD DEBRIS</div></div> <div><div></div><div>SHELL FRAGMENT</div></div> <div><div></div><div>GRAVEL</div></div> <div><div></div><div>MUD CLAST</div></div> <div><div></div><div>MUD DRAPED RIPPLE</div></div>	<div><div></div><div>IHS muddy</div></div> <div><div></div><div>IHS mixed</div></div> <div><div></div><div>IHS sandy (moderate mud drapes)</div></div> <div><div></div><div>IHS sandy (few mud drapes)</div></div> <div><div></div><div>IS mud</div></div> <div><div></div><div>IS sand</div></div> <div><div></div><div>Conglomerate lag (with mud clasts)</div></div> <div><div></div><div>Massive mud</div></div> <div><div></div><div>Massive sand</div></div>	<div><div></div><div>FINING-UP CYCLE</div></div> <div><div></div><div>COARSENING-UP CYCLE</div></div>

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TREND	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6		100						0
0.1														0.1
0.2								100						0.2
0.3														0.3
0.4								99					Predominant poorly to well sorted IS medium to coarse sand intercalated with massive medium to coarse sand and massive clayey silt	0.4
0.5													Average sand = 98% Average for IS sand (thickness 95.9 cm - 99%) Average for massive sand (thickness 18.5 cm - 100%)	0.5
0.6								99						0.6
0.7														0.7
0.8														0.8
0.9								1						0.9
1					stratification and lamination - alignment of micas and sand layers			99						1
1.1														1.1
1.2														1.2
1.3					stratification and lamination - alignment of mud drapes, micas and sand beds			96						1.3
1.4								0					Predominant sandy (flaser) IHS (consisted of medium to coarse sand with millimetric silty drapes) intercalated with massive clayey silt. At the base: conglomerate lag consisted of poorly sorted medium to coarse sand with mud clasts - [two fining-up cycles]	1.4
1.5								95					Average sand = 91%	1.5
1.6								1					Average for sandy IHS (few mud drapes) (thickness 58.2 cm - 95%) Average for massive mud (thickness 2.5 cm - 0%)	1.6
1.7								94						1.7
1.8								88						1.8
1.9														1.9
2	INTENSITY FACIES			Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6								2
2	IMAGE INTENSITY													2

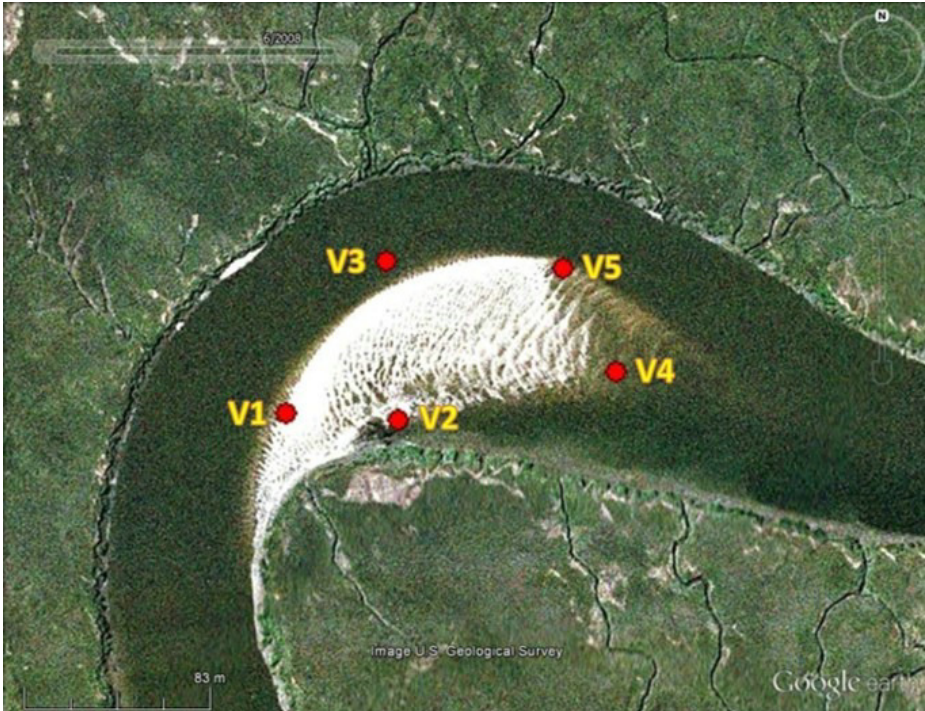
LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div><div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div></div> <div><div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div><div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div></div> <div><div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div></div> <div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>				



CORE LOG
SA3 - V2

CORE LENGTH: 2.33 m
TOTAL DEPTH: 3.41 m
COMPACTION: 1.08 m
LOCATION: Sapelo Sound - site 3
COORDINATES: 31.540528 N - 81.352972 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		SILT		MUD		CLAY	
	SANDY SILT		CLAYEY SILT		SANDY CLAY		SILTY CLAY	
	HETEROLITHIC STRATIFICATION		INCLINED HETEROLITHIC STRATIFICATION (IHS)		HOMOLITHIC STRATIFICATION		INCLINED STRATIFICATION (IS)	
	CONGLOMERATE LAG		MASSIVE		FLASER		WAVY	
	LENTICULAR		MUD CLAST		MUD DRAPED RIPPLE		SOFT-SEDIMENT DEFORMATION	
	ROOT / WOOD DEBRIS		SHELL FRAGMENT		GRAVEL			
	IHS muddy		IHS mixed		IHS sandy (moderate mud drapes)		IHS sandy (few mud drapes)	
	IS mud		IS sand		Massive mud		Massive sand	
	Conglomerate lag (with mud clasts)							
	FINING-UP CYCLE		COARSENING-UP CYCLE					



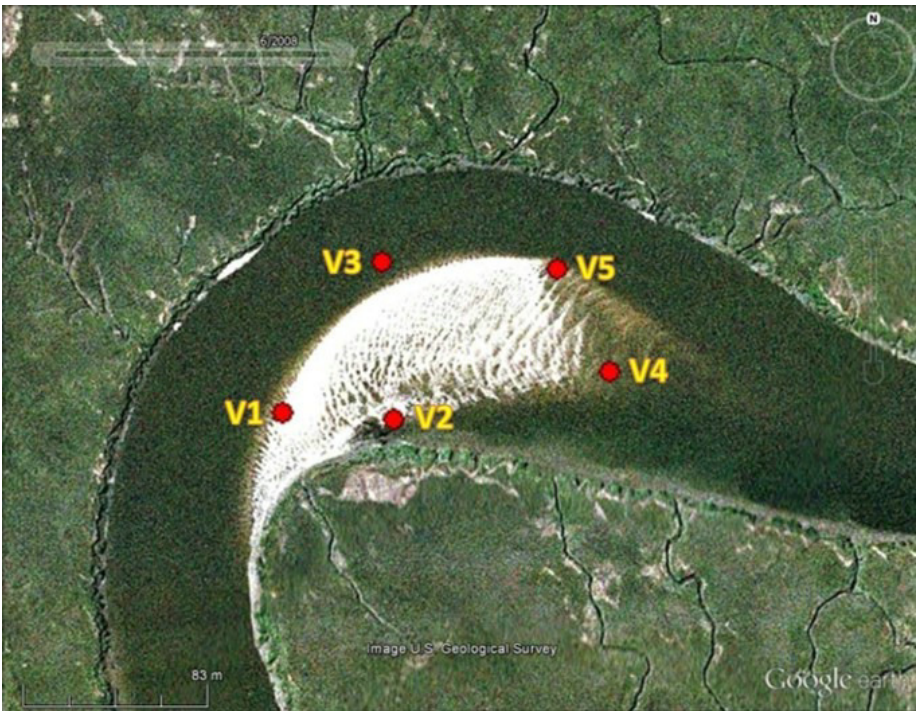
LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS
	SAND		SILT		MUD		CLAY	
	SANDY SILT		CLAYEY SILT		SANDY CLAY		SILTY CLAY	
	HETEROLITHIC STRATIFICATION		INCLINED HETEROLITHIC STRATIFICATION (IHS)		HOMOLITHIC STRATIFICATION		INCLINED STRATIFICATION (IS)	
	CONGLOMERATE LAG		MASSIVE		FLASER		WAVY	
	LENTICULAR		MUD CLAST		MUD DRAPED RIPPLE		SOFT-SEDIMENT DEFORMATION	
	ROOT / WOOD DEBRIS		SHELL FRAGMENT		GRAVEL			
	IHS muddy		IHS mixed		IHS sandy (moderate mud drapes)		IHS sandy (few mud drapes)	
	IS mud		IS sand		Massive mud		Massive sand	
	Conglomerate lag (with mud clasts)							
	FINING-UP CYCLE		COARSENING-UP CYCLE					



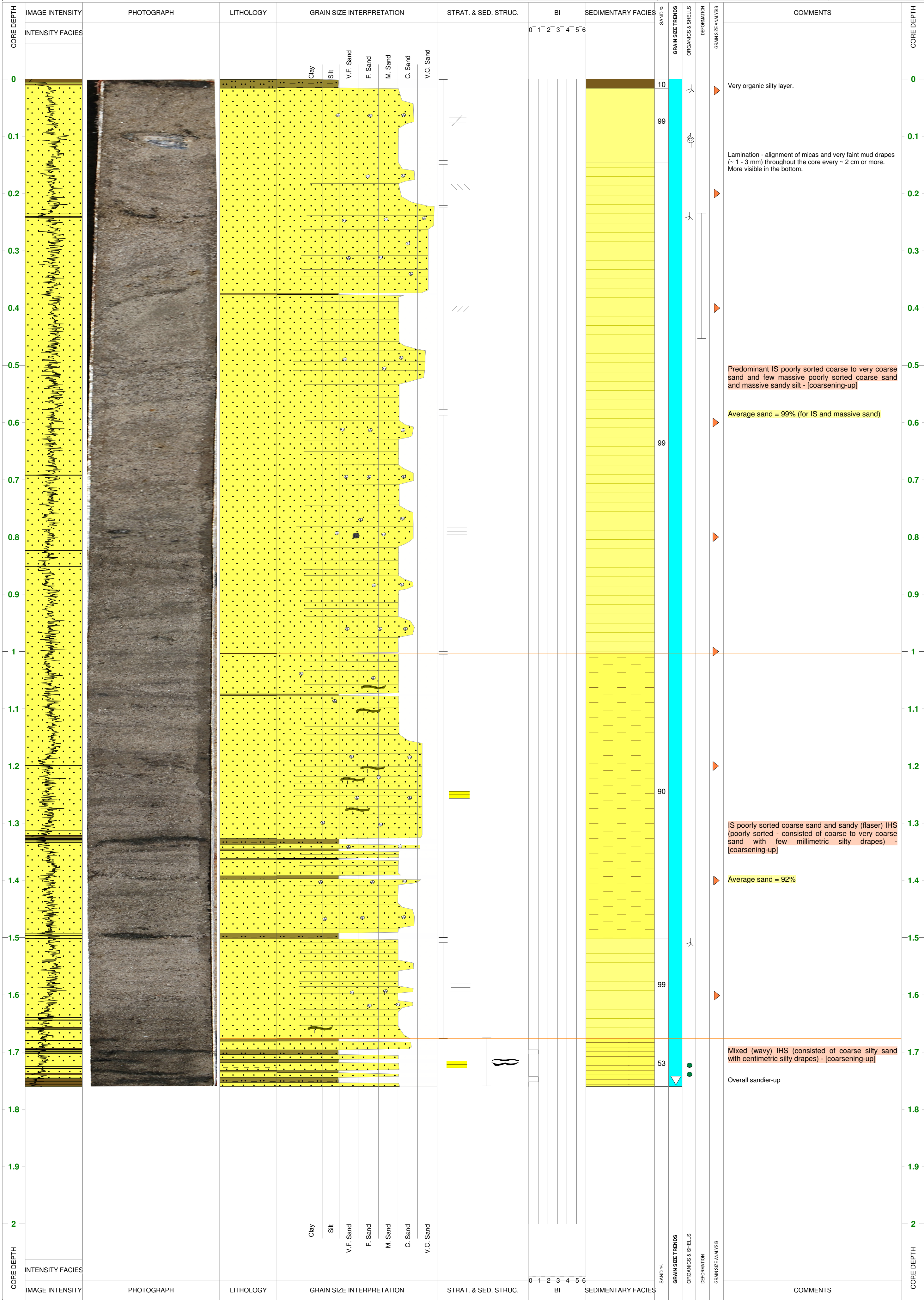
CORE LOG
SA3 - V3

CORE LENGTH: 1.76 m
TOTAL DEPTH: 3.12 m
COMPACTION: 1.36 m
LOCATION: Sapelo Sound - site 3
COORDINATES: 31.535611 N - 81.353028 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



CORE LOG
SA3 - V4

CORE LENGTH: 0.86 m

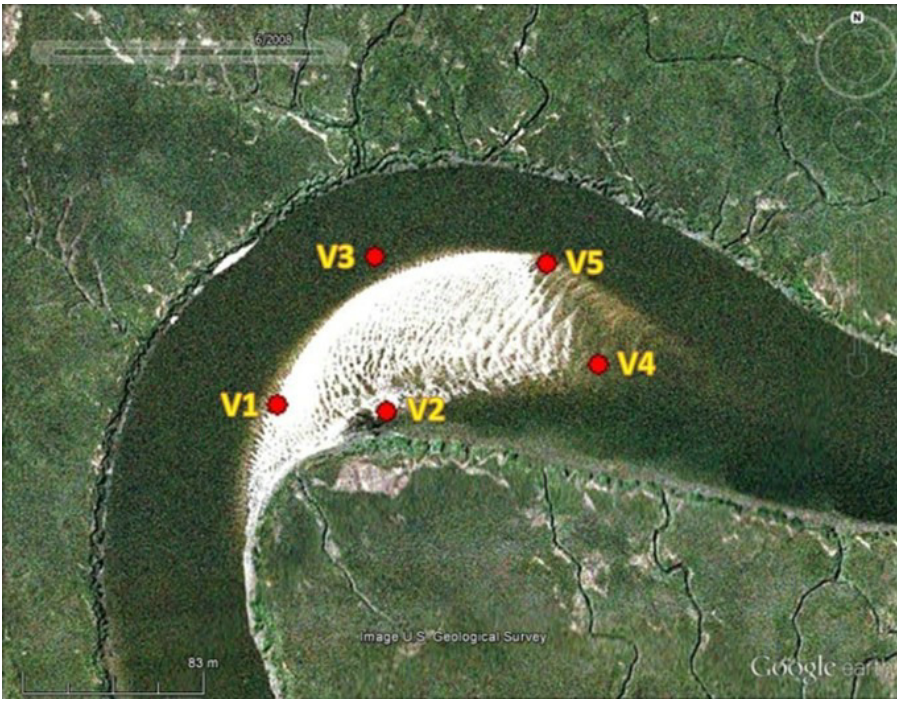
TOTAL DEPTH: 1.05 m

COMPACTION: 0.19 m

LOCATION: Sapelo Sound - site 3

COORDINATES: 31.540722 N - 81.351944 W

AUTHOR: Pricilla Souza






























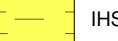


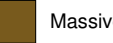







LEGEND

SEDIMENTS		STRATIFICATIONS		OTHER FEATURES		SEDIMENTARY FACIES		GRAIN SIZE TRENDS	
<div><div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div></div>	<div><div><div></div></div><div>SILTY SAND</div></div> <div><div><div></div></div><div>CLAYEY SAND</div></div> <div><div><div></div></div><div>SANDY SILT</div></div> <div><div><div></div></div><div>CLAYEY SILT</div></div> <div><div><div></div></div><div>SANDY CLAY</div></div> <div><div><div></div></div><div>SILTY CLAY</div></div>	<div><div><div></div></div><div>HETEROLITHIC STRATIFICATION</div></div> <div><div><div></div></div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div></div> <div><div><div></div></div><div>HOMOLITHIC STRATIFICATION</div></div> <div><div><div></div></div><div>INCLINED STRATIFICATION (IS)</div></div> <div><div><div></div></div><div>CONGLOMERATE LAG</div></div> <div><div><div></div></div><div>MASSIVE</div></div>	<div><div><div></div></div><div>FLASER</div></div> <div><div><div></div></div><div>WAVY</div></div> <div><div><div></div></div><div>LENTICULAR</div></div>	<div><div><div></div></div><div>MUD DRAPE</div></div> <div><div><div></div></div><div>RIPPLE</div></div> <div><div><div></div></div><div>SOFT-SEDIMENT DEFORMATION</div></div> <div><div><div></div></div><div>ROOT / WOOD DEBRIS</div></div> <div><div><div></div></div><div>SHELL FRAGMENT</div></div> <div><div><div></div></div><div>GRAVEL</div></div>	<div><div><div></div></div><div>MUD CLAST</div></div> <div><div><div></div></div><div>MUD DRAPED RIPPLE</div></div>	<div><div><div></div></div><div>IHS muddy</div></div> <div><div><div></div></div><div>IHS mixed</div></div> <div><div><div></div></div><div>IHS sandy (moderate mud drapes)</div></div> <div><div><div></div></div><div>IHS sandy (few mud drapes)</div></div> <div><div><div></div></div><div>IS mud</div></div> <div><div><div></div></div><div>IS sand</div></div> <div><div><div></div></div><div>Conglomerate lag (with mud clasts)</div></div> <div><div><div></div></div><div>Massive mud</div></div> <div><div><div></div></div><div>Massive sand</div></div>	<div><div><div></div></div><div>FINING-UP CYCLE</div></div> <div><div><div></div></div><div>COARSENING-UP CYCLE</div></div>		

CORE DEPTH	IMAGE INTENSITY	PHOTOGRAPH	LITHOLOGY	GRAIN SIZE INTERPRETATION	STRAT. & SED. STRUC.	BI	SEDIMENTARY FACIES	SAND %	GRAIN SIZE TREND	ORGANICS & SHELLS	DEFORMATION	GRAIN SIZE ANALYSIS	COMMENTS	CORE DEPTH
0				Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6		20						0
0.1														0.1
0.2														0.2
0.3								97					Description form the base to the top: sandy (flaser) IHS (consisted of fine sand with few millimetric silty drapes), massive fine sand and massive sandy silt - [fining-up]	0.3
0.4													Average sand = 95%	0.4
0.5														0.5
0.6														0.6
0.7														0.7
0.8								94						0.8
0.9														0.9
1				Clay Silt V.F. Sand F. Sand M. Sand C. Sand V.C. Sand		0 1 2 3 4 5 6								1

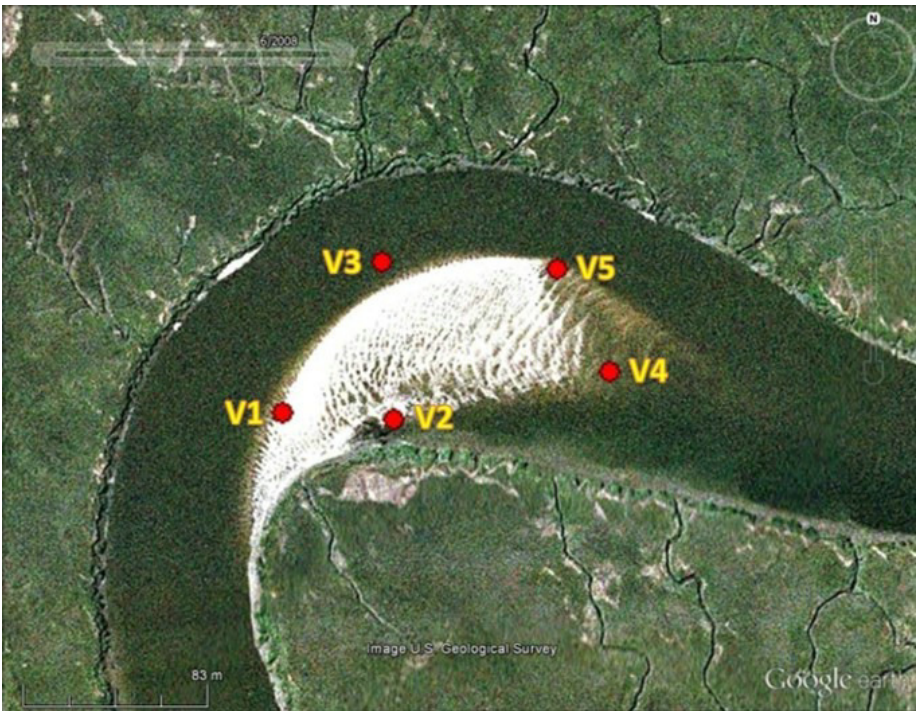
LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div> <div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div> <div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div> <div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div><div>IS mud</div><div>Massive mud</div></div><div><div>IS sand</div><div>Massive sand</div></div><div>Conglomerate lag (with mud clasts)</div></div> <div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>				



















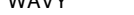









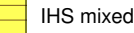
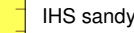










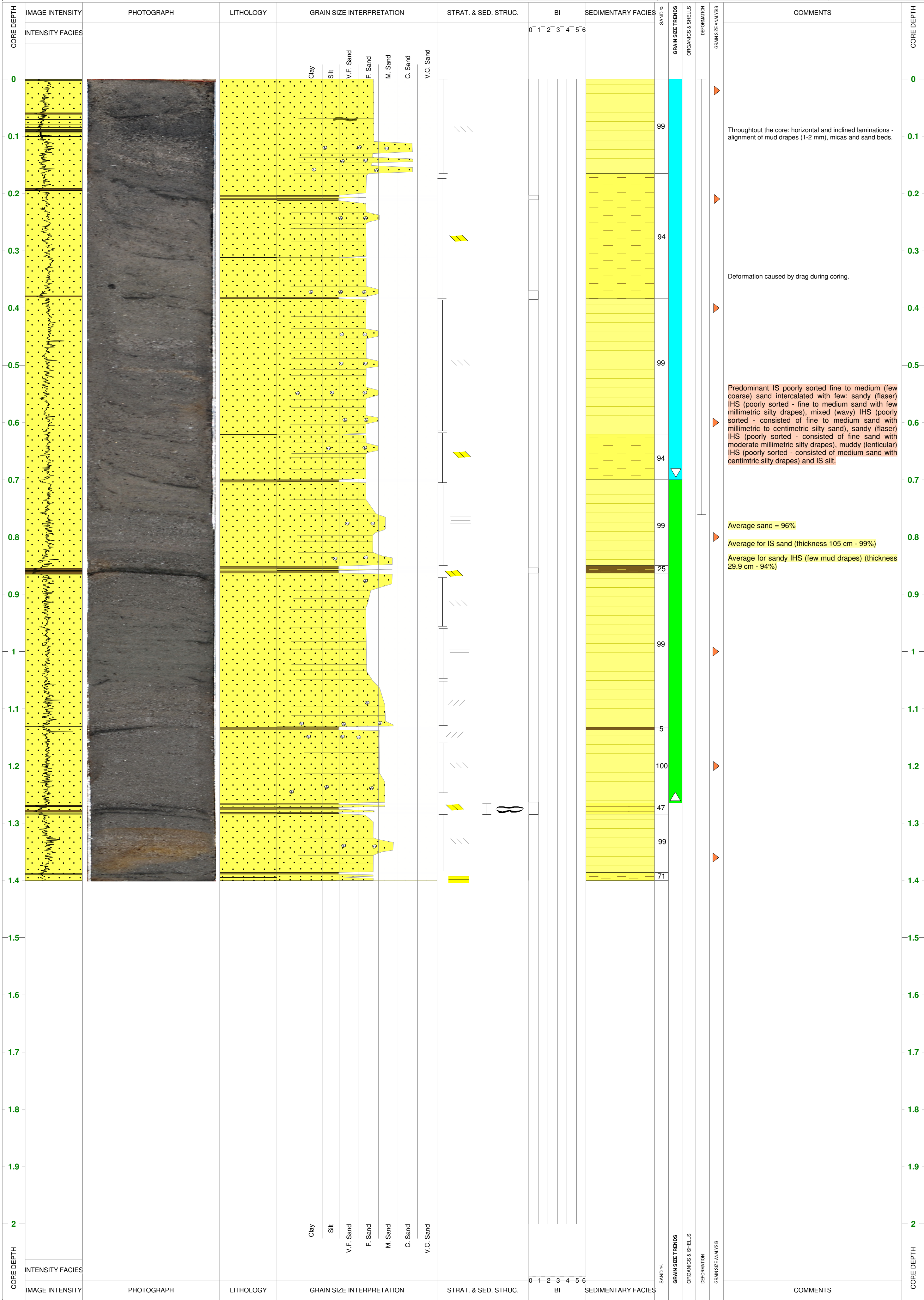
CORE LOG
SA3 - V5

CORE LENGTH: 1.40 m
TOTAL DEPTH: 1.81 m
COMPACTION: 0.41 m
LOCATION: Sapelo Sound - site 3
COORDINATES: 31.541139 N - 81.352194 W
AUTHOR: Pricilla Souza



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div>	<div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div> <div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div>	<div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div> <div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div>	<div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div></div><div><div>Massive mud</div><div>Massive sand</div></div></div>	<div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div>



LEGEND

SEDIMENTS	STRATIFICATIONS	OTHER FEATURES	SEDIMENTARY FACIES	GRAIN SIZE TRENDS
<div><div><div>SAND</div><div>SILT</div><div>MUD</div><div>CLAY</div></div><div><div>SILTY SAND</div><div>CLAYEY SAND</div><div>SANDY SILT</div><div>CLAYEY SILT</div><div>SANDY CLAY</div><div>SILTY CLAY</div></div></div> <div><div><div>HETEROLITHIC STRATIFICATION</div><div>INCLINED HETEROLITHIC STRATIFICATION (IHS)</div><div>HOMOLITHIC STRATIFICATION</div><div>INCLINED STRATIFICATION (IS)</div><div>CONGLOMERATE LAG</div><div>MASSIVE</div></div><div><div>FLASER</div><div>WAVY</div><div>LENTICULAR</div></div></div> <div><div><div>MUD DRAPE</div><div>RIPPLE</div><div>SOFT-SEDIMENT DEFORMATION</div><div>ROOT / WOOD DEBRIS</div><div>SHELL FRAGMENT</div><div>GRAVEL</div></div><div><div>MUD CLAST</div><div>MUD DRAPED RIPPLE</div></div></div> <div><div><div>IHS muddy</div><div>IHS mixed</div><div>IHS sandy (moderate mud drapes)</div><div>IHS sandy (few mud drapes)</div><div>IS mud</div><div>IS sand</div><div>Conglomerate lag (with mud clasts)</div><div>Massive mud</div><div>Massive sand</div></div></div> <div><div><div>FINING-UP CYCLE</div><div>COARSENING-UP CYCLE</div></div></div>				