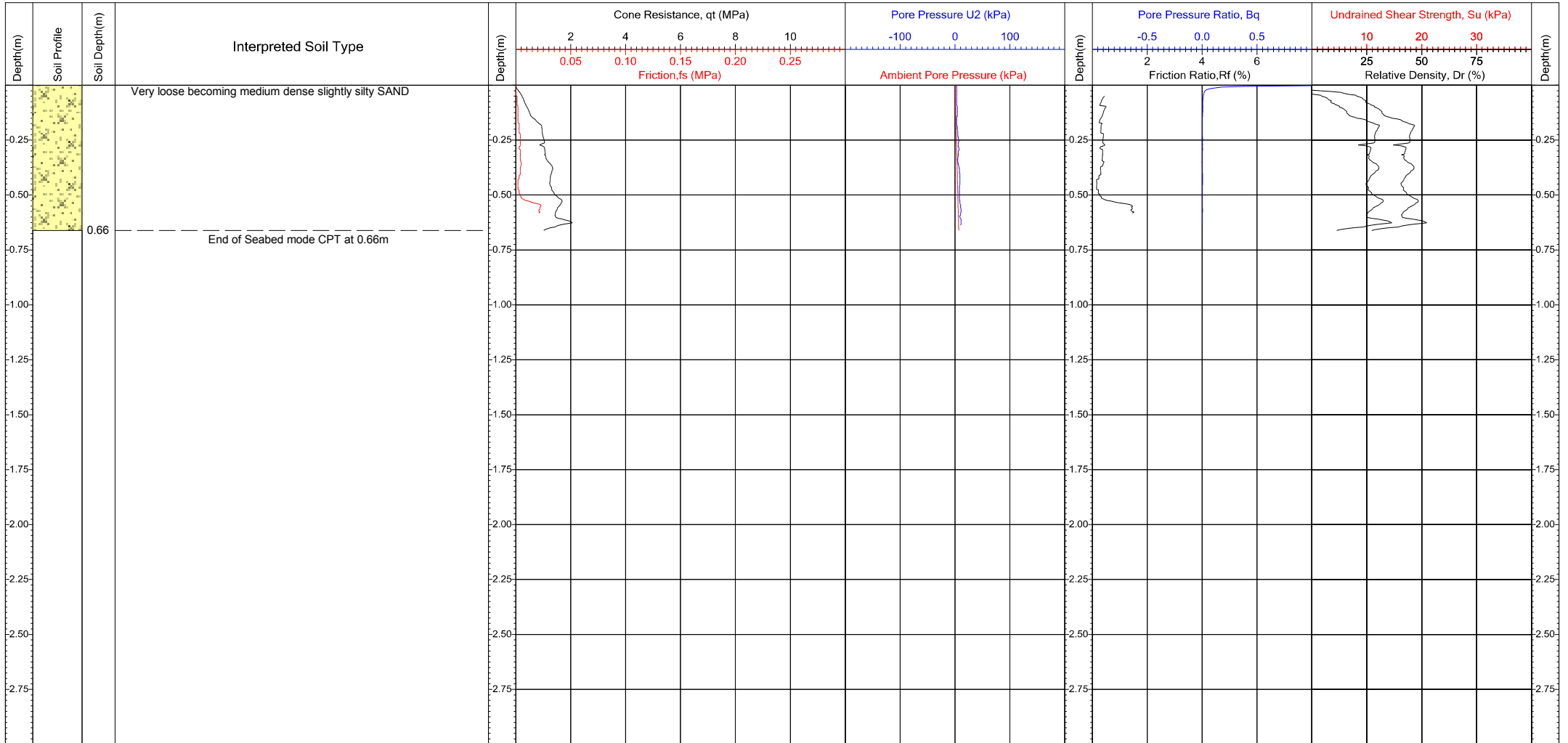




SACS Cable Route Survey

INSITU CPTU TESTING

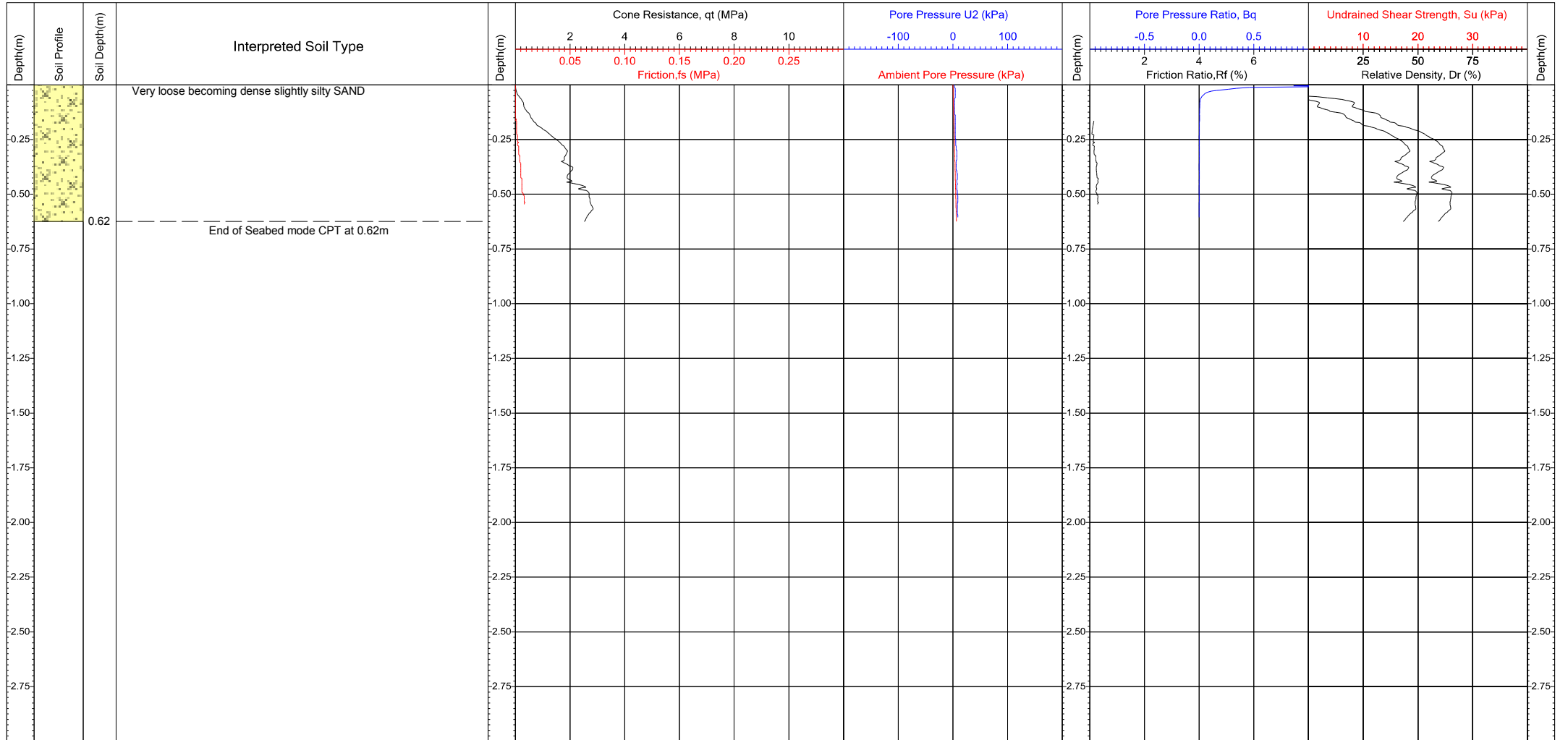


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2422291.5 798504.8	CRS: WGS 84 Mercator (7S 15W)	QC Status			CPT Number
	Test stopped due to encoder error. Retest required	Contract	10817	Water Depth	23.3 (mLAT)	Assumed Soil Density: 18KN/m3 NKT1: 15.00 NKT2: 20.00 NKT3: 12.50 NKT4: 16.50 K01: 0.50 K01: 2.00	Preliminary	Draft	Final
Client Name		NEC	Date of Test	19/11/2016					
Vessel		Ocean Endeavour	Cone No. / α Factor	3086 0.83					
Method		GDCP0001 and Seabed mode CPT	Base Inclination	6.0°	*The predicted relative density, Dr, results should be applied with caution and considered as equivalent values of Dr	JT			



SACS Cable Route Survey

INSITU CPTU TESTING

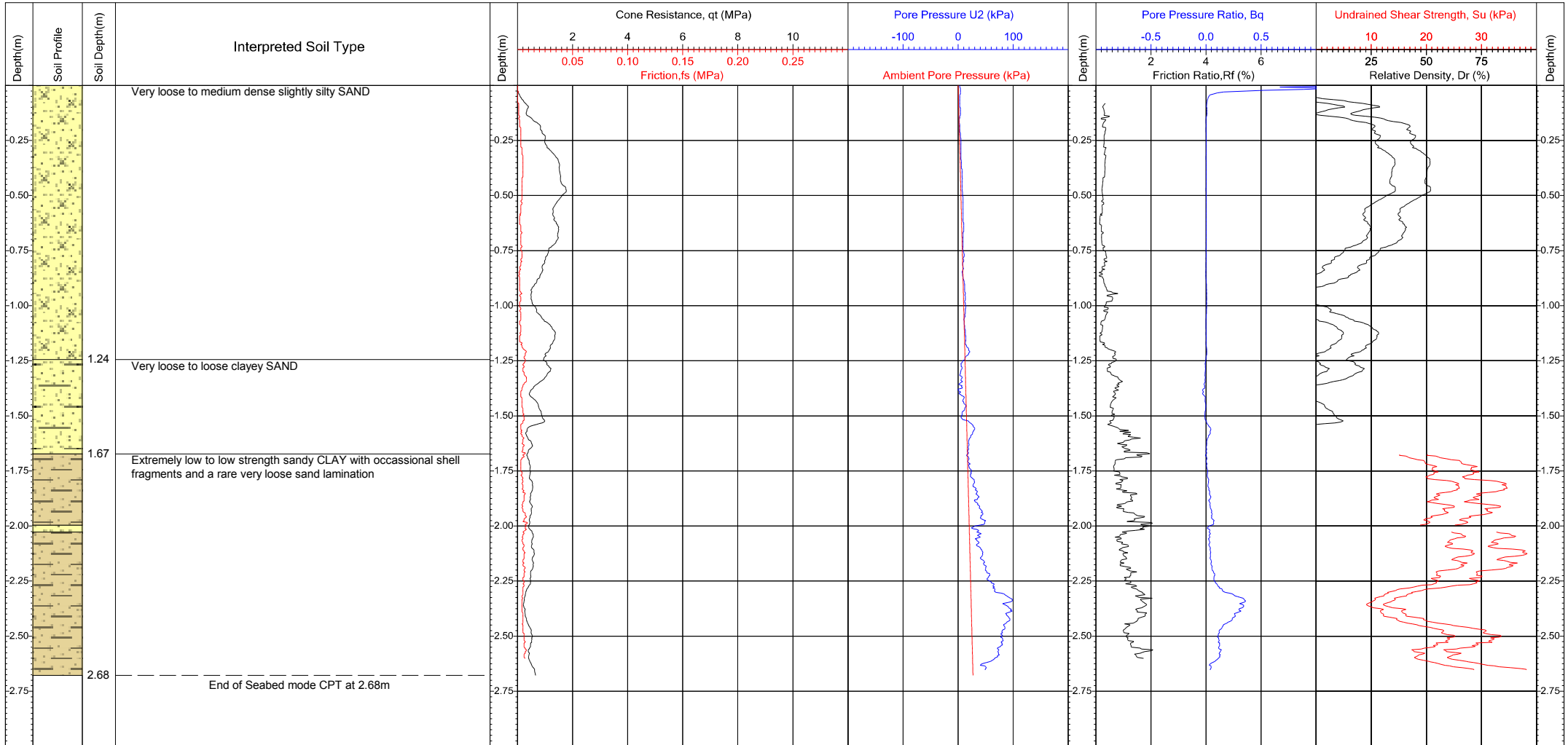


Comments	Area	Atlantic: Brazil to Angola		Coordinates (E, N)		2422291.5	798504.8	CRS: WGS 84 Mercator (7S 15W)			QC Status			CPT Number	
	Test manually stopped due to software depth information error	Contract	10817		Water Depth	23.3		(mLAT)		Assumed Soil Density: 18KN/m3			Preliminary	Draft	Final
Client Name		NEC		Date of Test	19/11/2016		NKT1: 15.00 NKT2: 20.00 NKT3: 12.50 NKT4: 16.50 K01: 0.50 K01: 2.00								
Vessel		Ocean Endeavour		Cone No. / α Factor	3086		0.83		*The predicted relative density, D_r , results should be applied with caution and considered as equivalent values of D_r			JT			
Method		GDGP0001 and Seabed mode CPT		Base Inclination	7.0°								19/11/2016		



SACS Cable Route Survey

INSITU CPTU TESTING

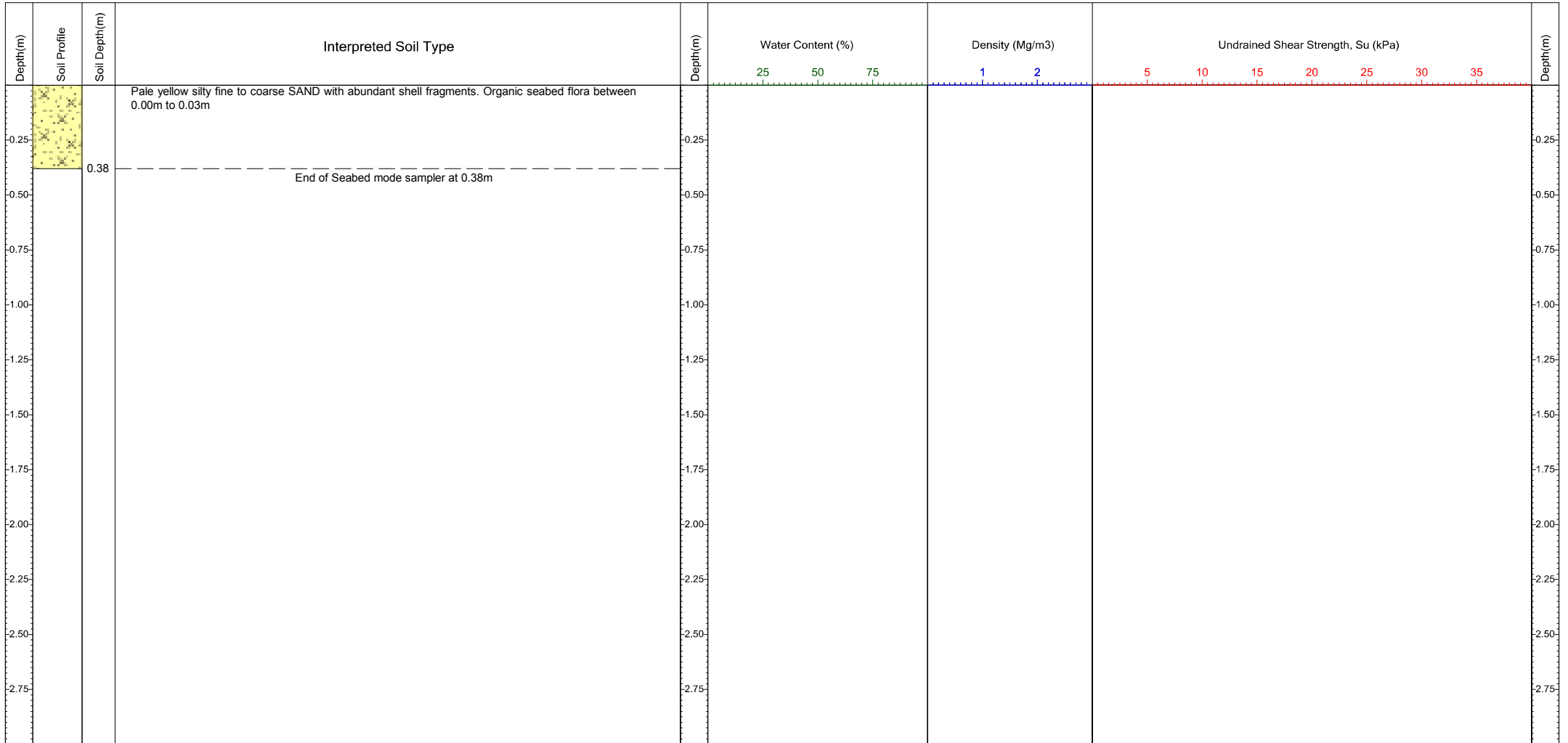


Comments	Area	Atlantic: Brazil to Angola		Coordinates (E, N)		2422291.5	798504.8	CRS: WGS 84 Mercator (7S 15W)			QC Status			CPT Number		
	Test stopped due to rod bend. Minimum penetration achieved	Contract	10817		Water Depth	23.3		(mLAT)		Assumed Soil Density: 18KN/m3			Preliminary	Draft	Final	SACS_FTL_OE_CPT001B
		Client Name	NEC		Date of Test	19/11/2016		NKT1: 15.00	NKT2: 20.00	K01: 0.50	K01: 2.00					
		Vessel	Ocean Endeavour		Cone No. / α Factor	3086 / 0.83		NKT3: 12.50	NKT4: 16.50	*The predicted relative density, Dr, results should be applied with caution and considered as equivalent values of Dr						
		Method	GDGP001 and Seabed mode CPT		Base Inclination	7.0°		JT			20/11/2016					



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

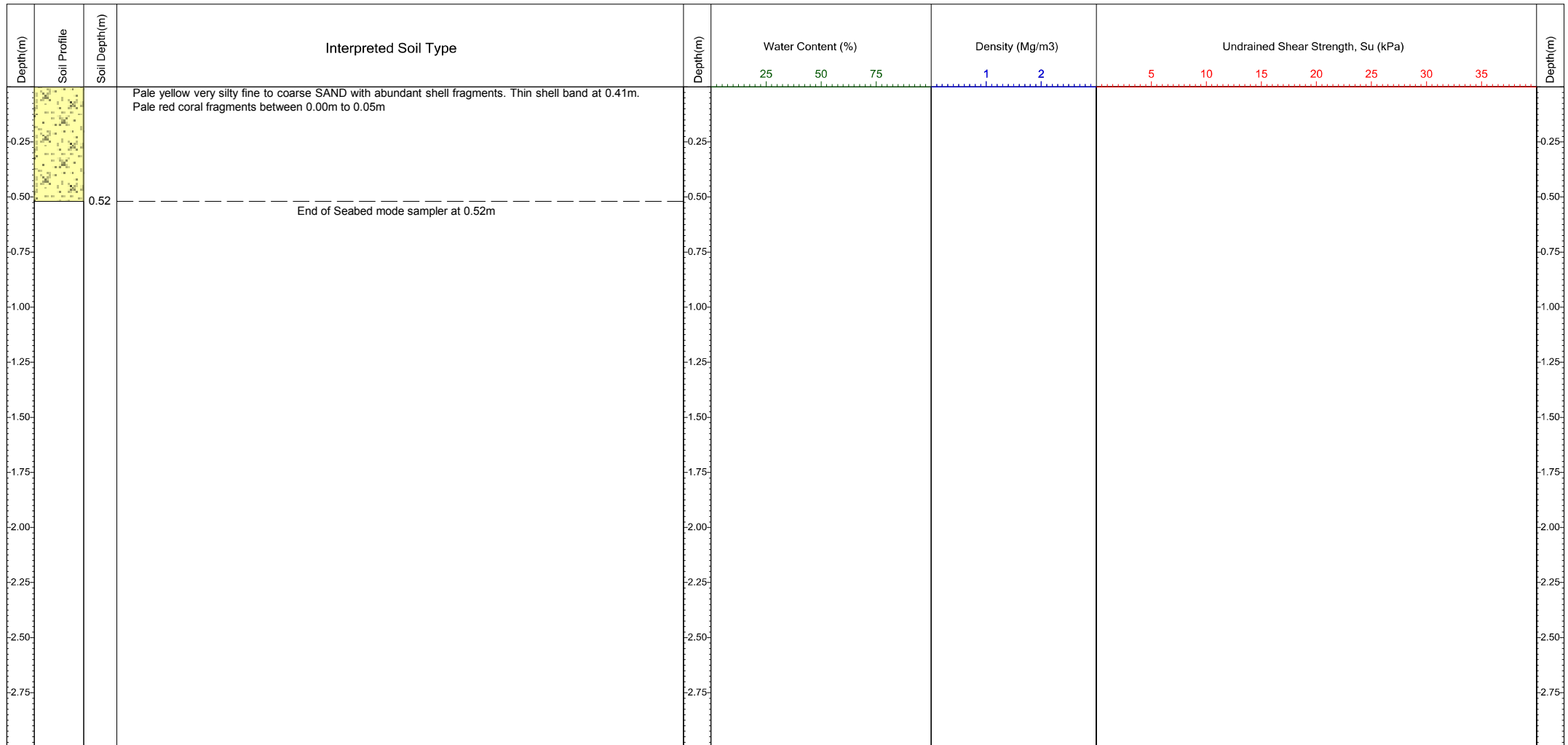


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2425009.0 802698.9	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	27.1	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC001	
	Client Name	NEC	Date of Test	19/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	0.38							
	Method	Piston corer	Recovery (m)	0.38				19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

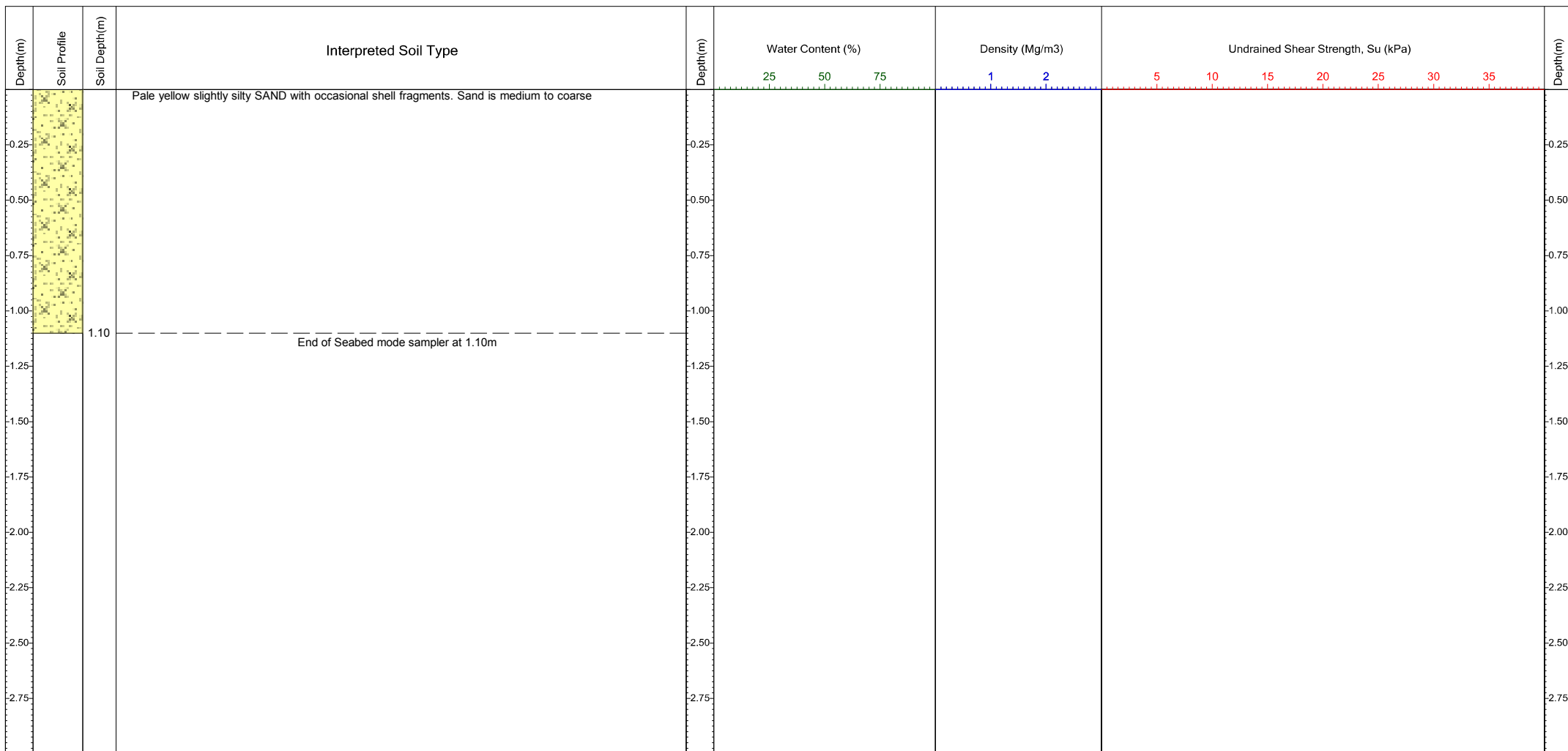


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2425006.8 802700.9	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	26.9 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC001A
	Client Name	NEC	Date of Test	19/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.52					
	Method	Piston corer	Recovery (m)	0.52					
						JT			
						19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

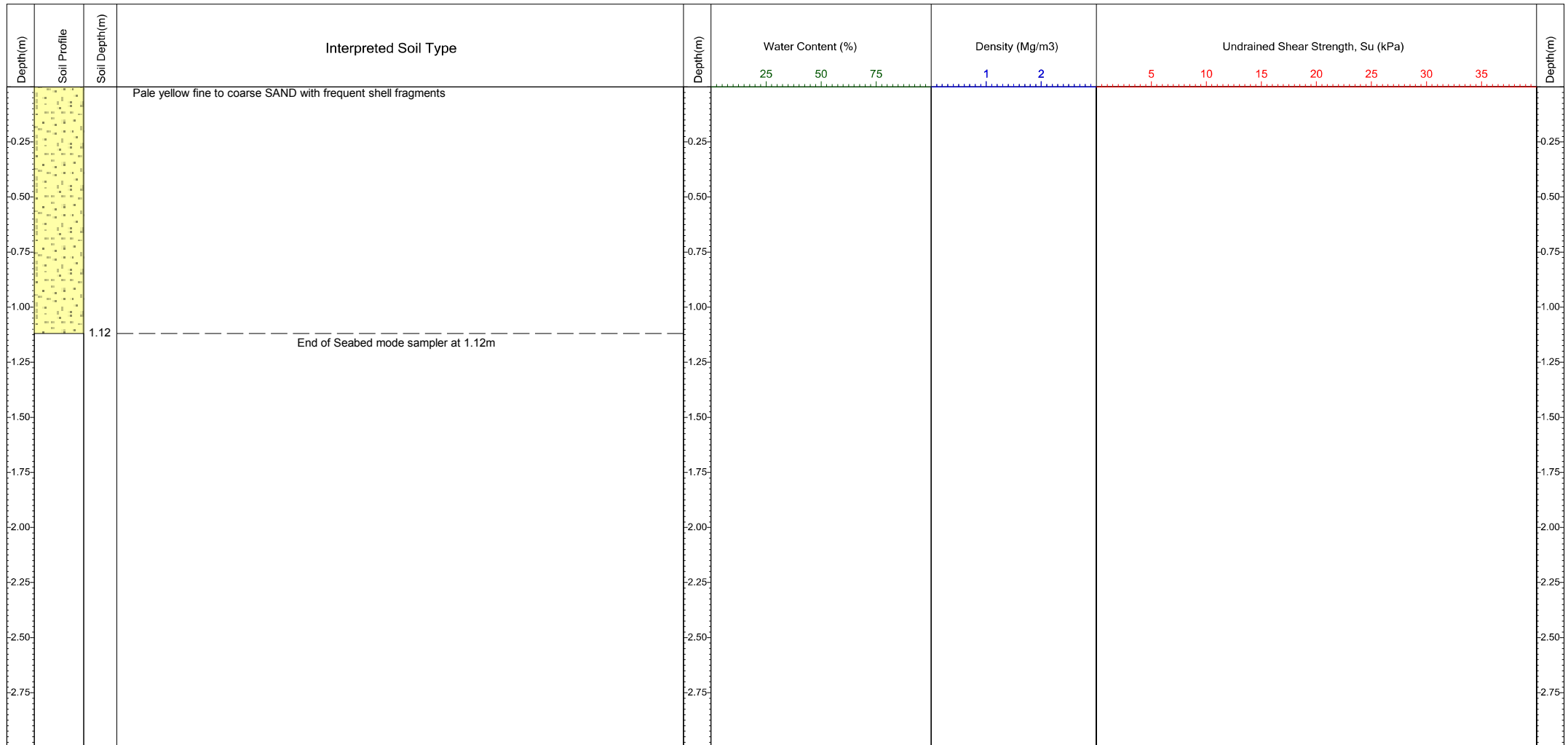


Comments Minimum recovery achieved	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2432077.5 806043.4	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	26.4 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC002
	Client Name	NEC	Date of Test	19/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	1.10					
	Method	Piston corer	Recovery (m)	1.10					
						JT			
						19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

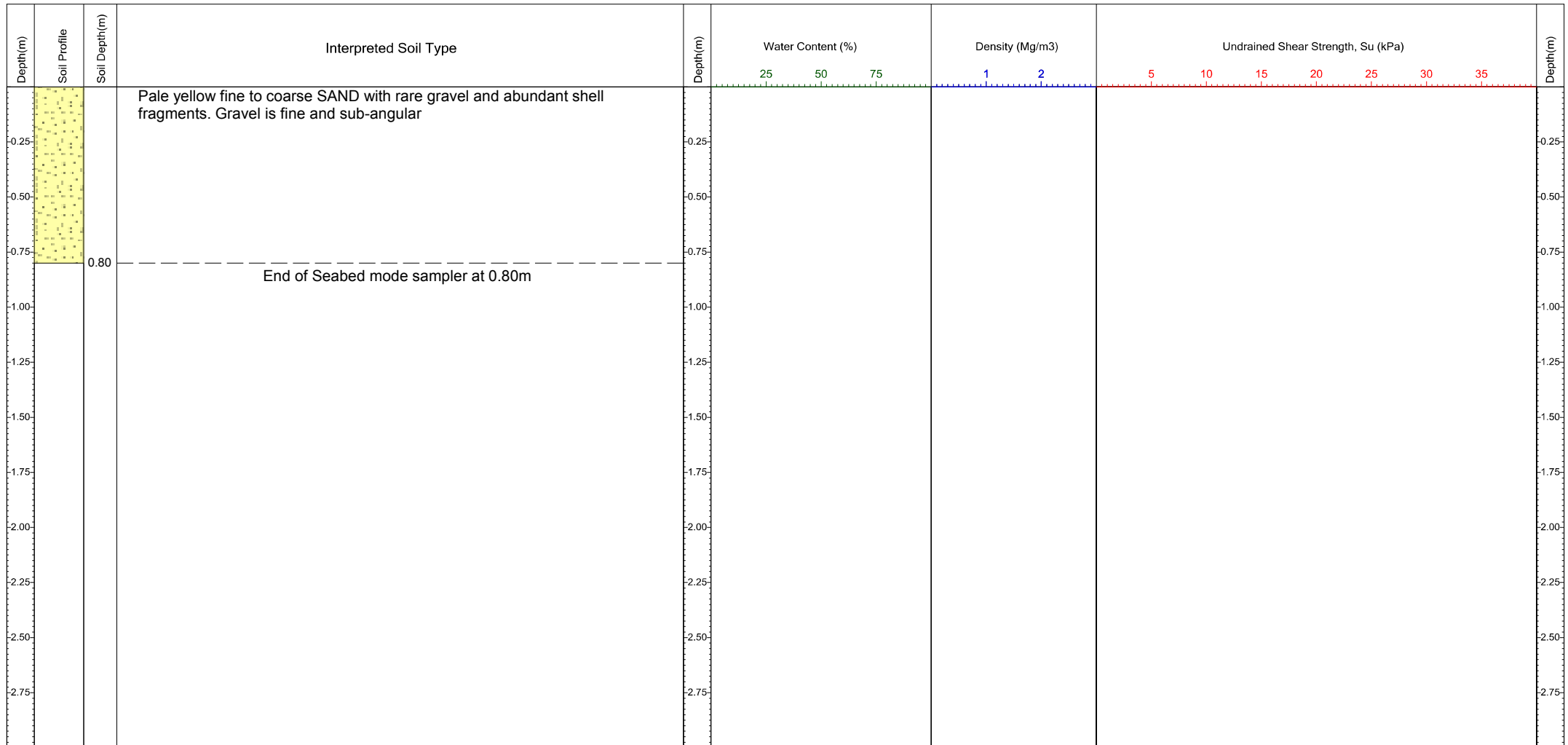


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2438731.7 803846.0	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery achieved	Contract	10817	Water Depth	23.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC003
	Client Name	NEC	Date of Test	19/11/2016			JT			
	Vessel	Ocean Endeavour	Penetration (m)	1.12						
	Method	Piston corer	Recovery (m)	1.12			19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

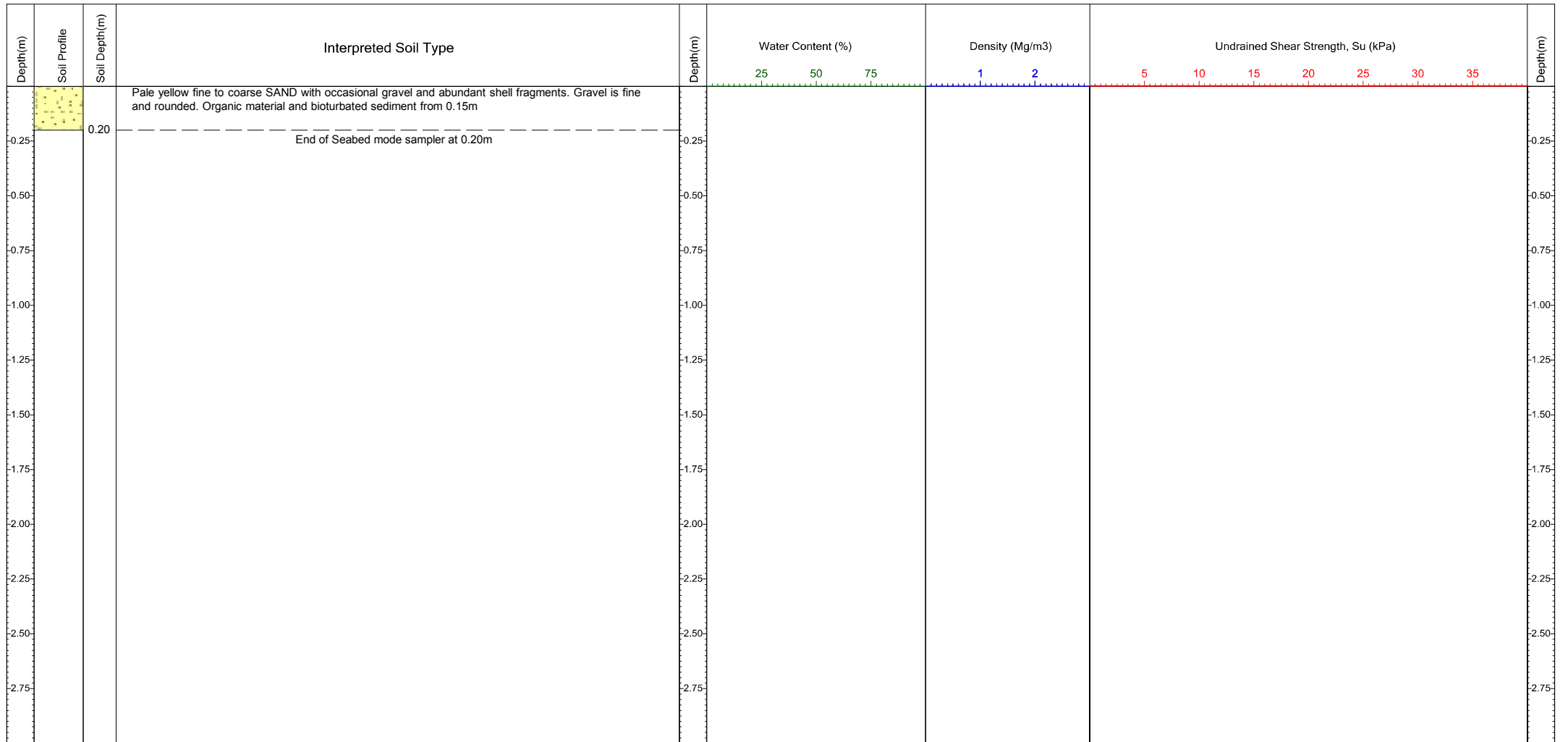


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2451372.2 803987.8	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery achieved	Contract	10817	Water Depth	31.7	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC004
	Client Name	NEC	Date of Test	19/11/2016			JT			
	Vessel	Ocean Endeavour	Penetration (m)	0.8						
	Method	Piston corer	Recovery (m)	0.80						



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

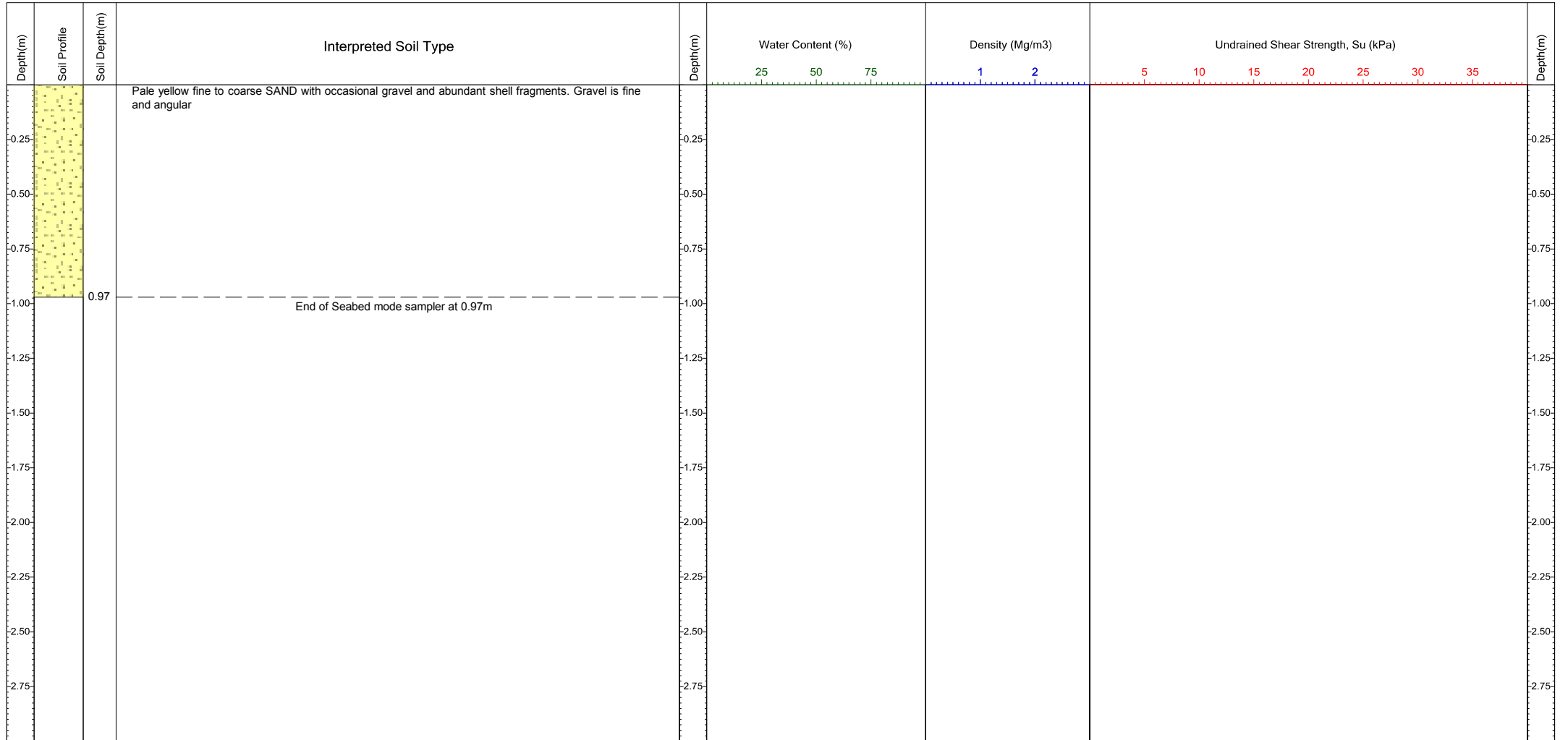


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2460402.0 799411.0	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	35.4	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC005	
	Client Name	NEC	Date of Test	19/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	0.20							
	Method	Piston corer	Recovery (m)	0.20				19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

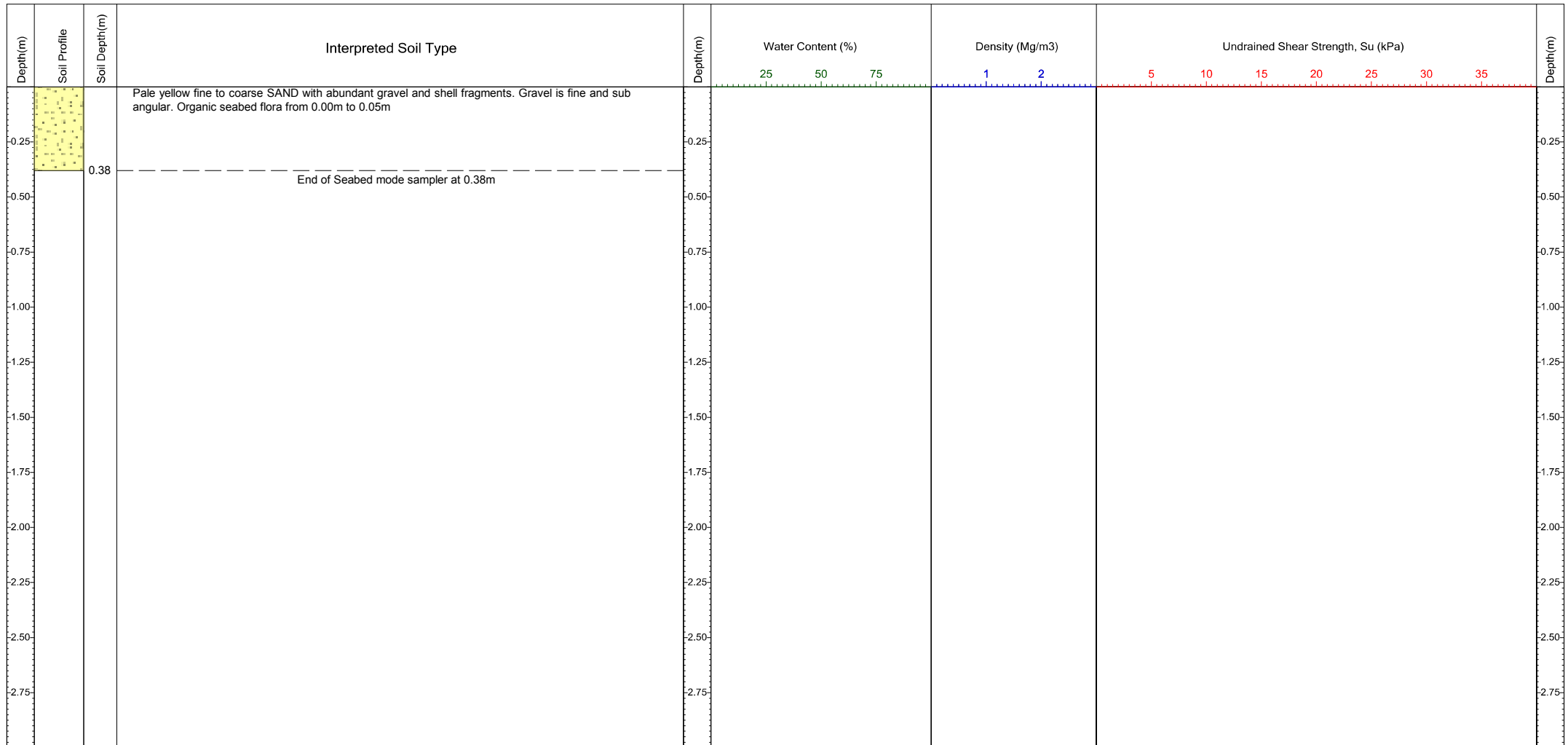


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2460399.4 799417.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Target recovery achieved	Contract	10817	Water Depth	35.3	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC005A
	Client Name	NEC	Date of Test	19/11/2016			JT			
	Vessel	Ocean Endeavour	Penetration (m)	0.97						
	Method	Piston corer	Recovery (m)	0.97						



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

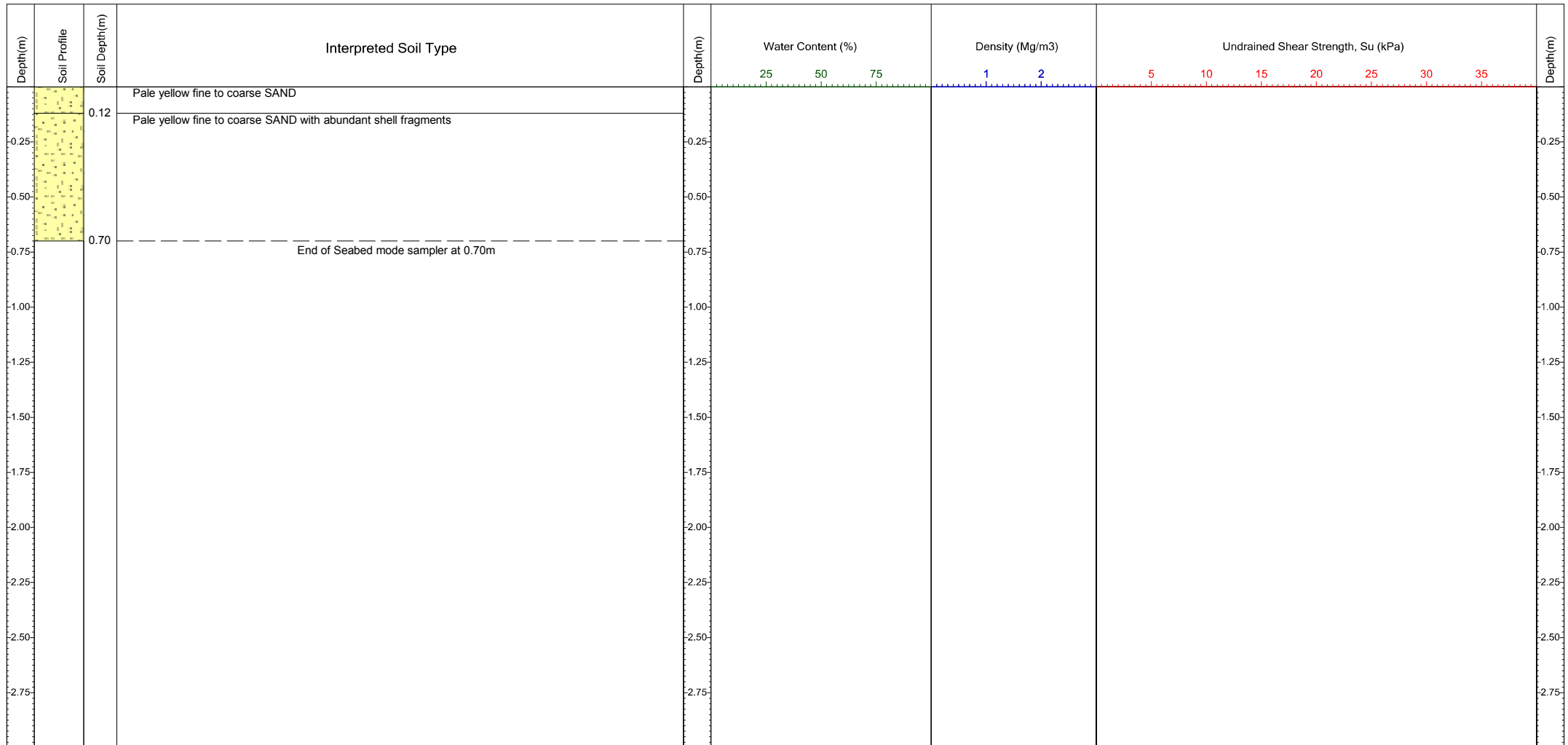


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2468968.0 794867.0	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	38.0	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC006
	Client Name	NEC	Date of Test	19/11/2016			JT <small>19/11/2016</small>			
	Vessel	Ocean Endeavour	Penetration (m)	0.38						
	Method	Piston corer	Recovery (m)	0.38						



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

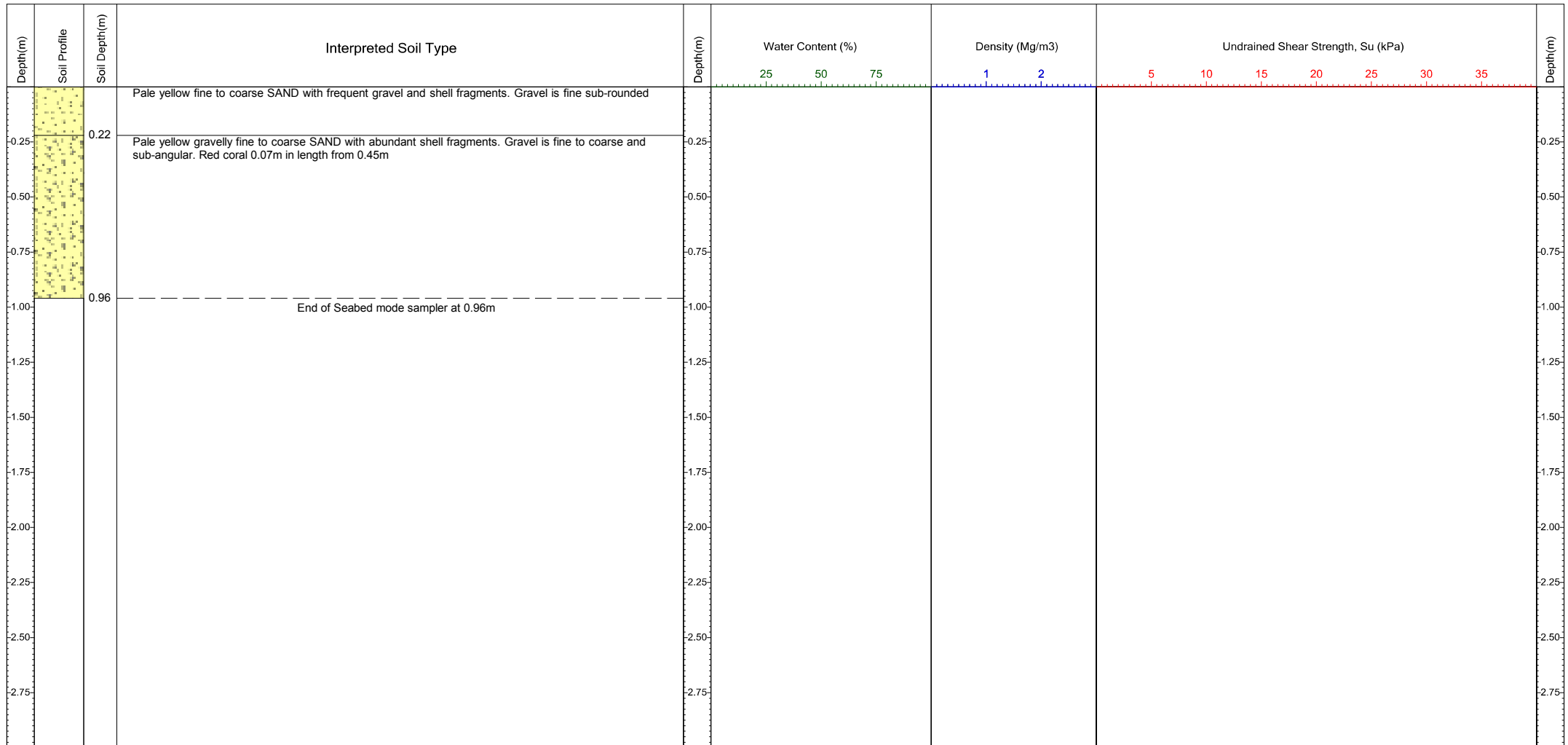


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2468969.2 794864.6	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Target recovery achieved	Contract	10817	Water Depth	37.7	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC006A
	Client Name	NEC	Date of Test	19/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.70						
	Method	Piston corer	Recovery (m)	0.70						
						JT				
						19/11/2016				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

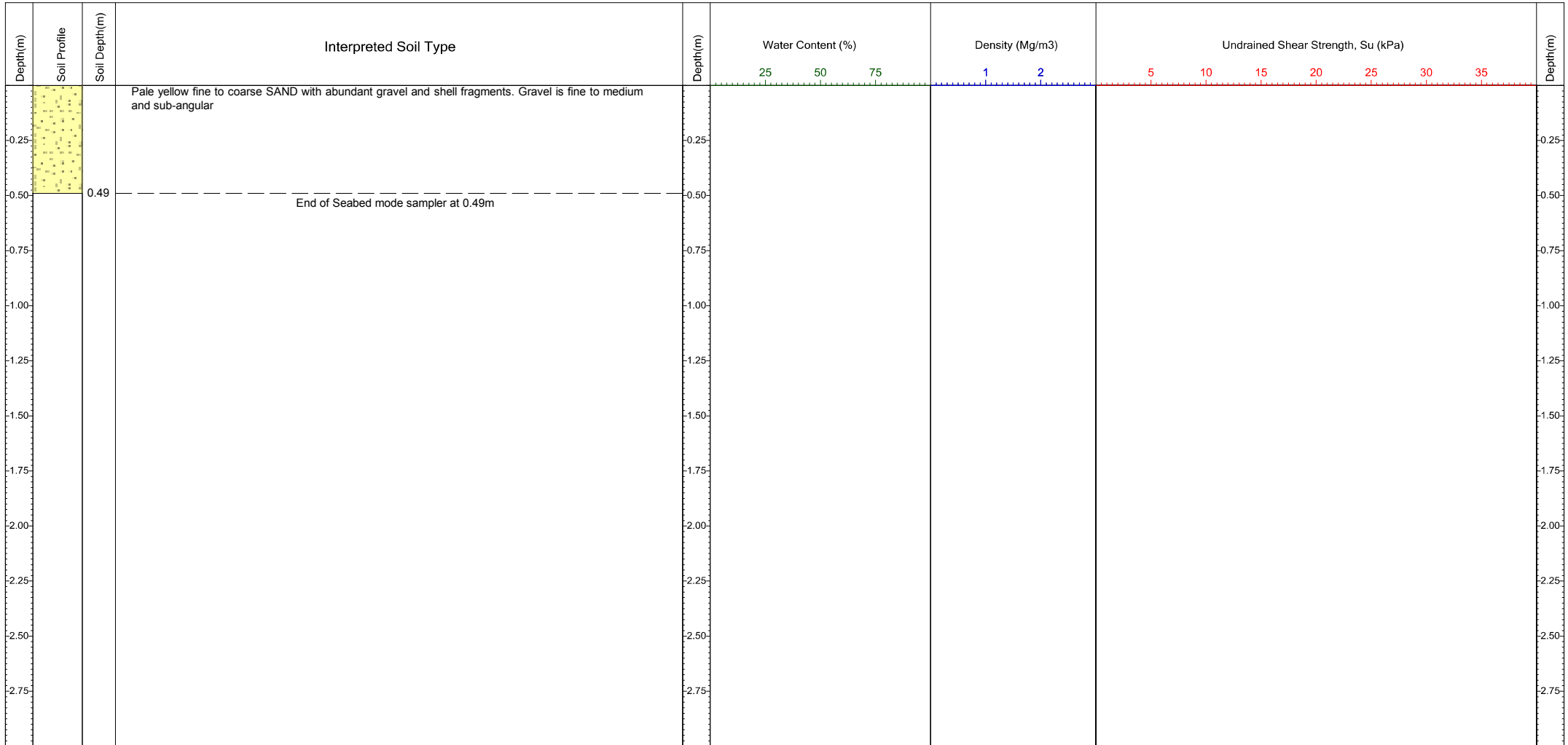


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2477020.3 789592.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
	Contract	10817	Water Depth	46.4	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC007
	Client Name	NEC	Date of Test	19/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.96						
	Method	Piston corer	Recovery (m)	0.96						
							PB			
							19/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

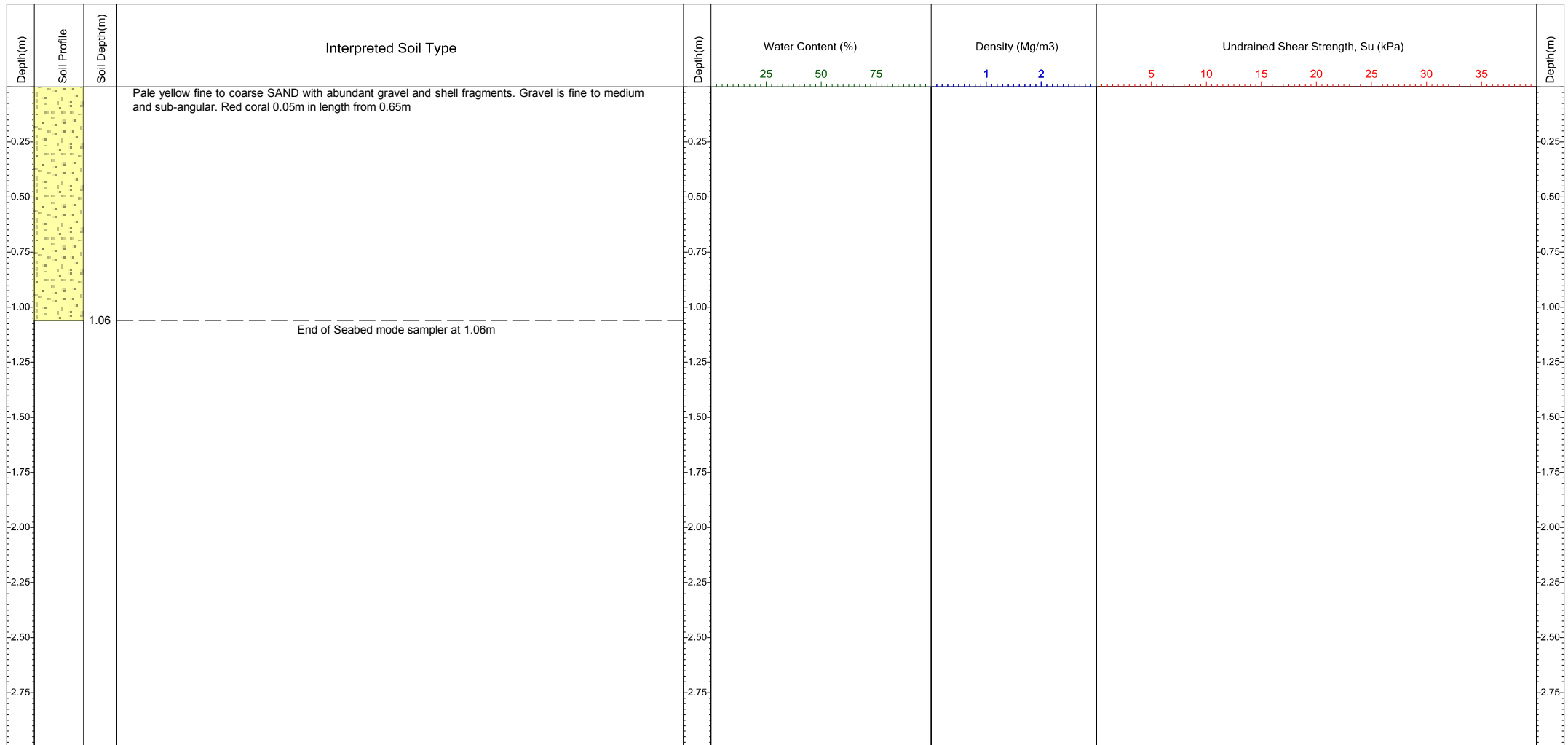


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2484133.9 782818.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	43.7	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC008
	Client Name	NEC	Date of Test	18/11/2016			PB <small>18/11/2016</small>			
	Vessel	Ocean Endeavour	Penetration (m)	0.49						
	Method	Piston corer	Recovery (m)	0.49						



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

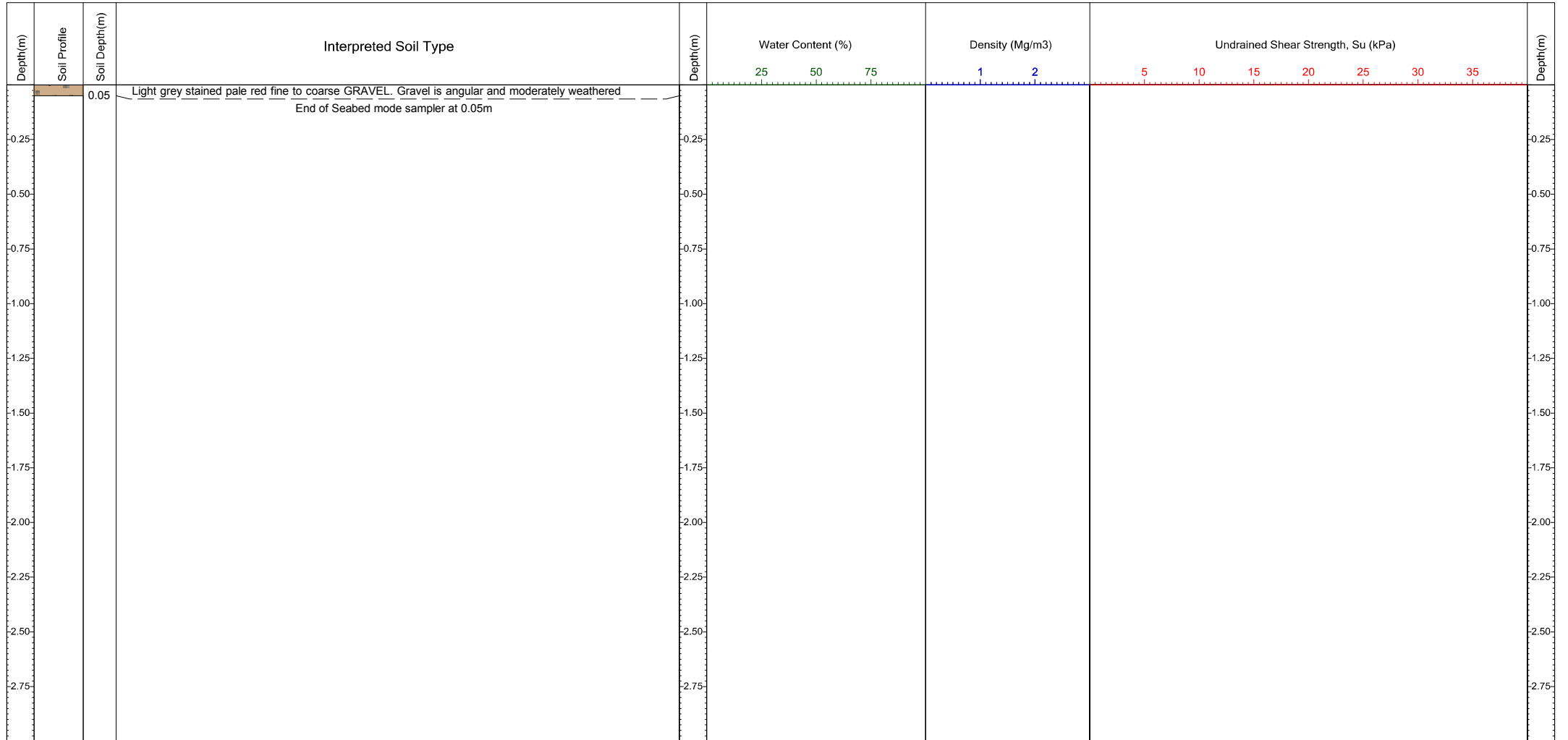


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2484126.5 782816.8	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
	Contract	10817	Water Depth	43.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC008A	
	Client Name	NEC	Date of Test	18/11/2016			PB				
	Vessel	Ocean Endeavour	Penetration (m)	1.06							
	Method	Piston corer	Recovery (m)	1.06			18/11/2016				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

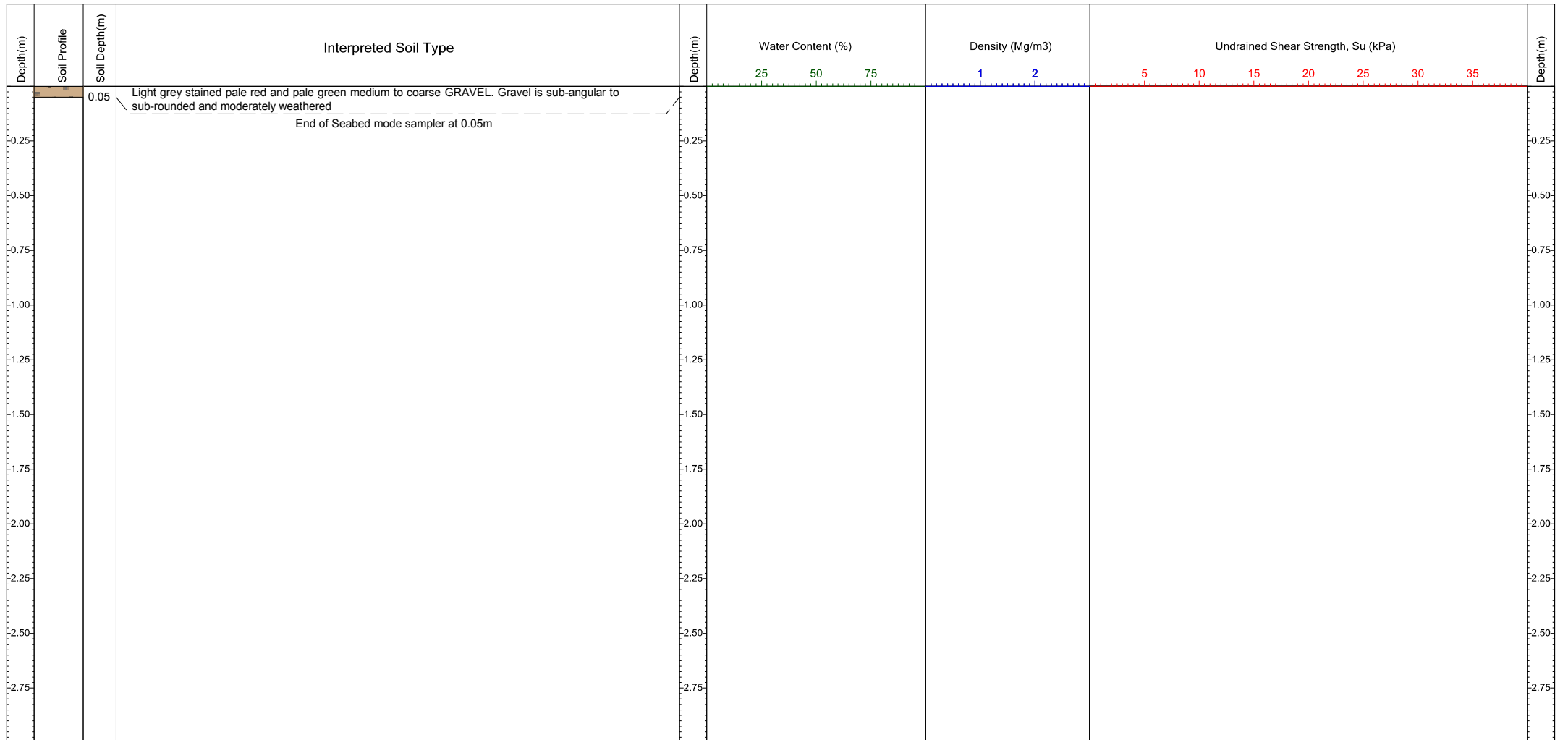


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2493781.9 781624.8	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	68.3	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC009	
	Client Name	NEC	Date of Test	20/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	0.05							
	Method	Piston corer	Recovery (m)	0.05				20/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS



Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2493791.9 781625.4	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	68.2 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC009A
	Client Name	NEC	Date of Test	20/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.05					
	Method	Piston corer	Recovery (m)	0.05					
						JT			
						20/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

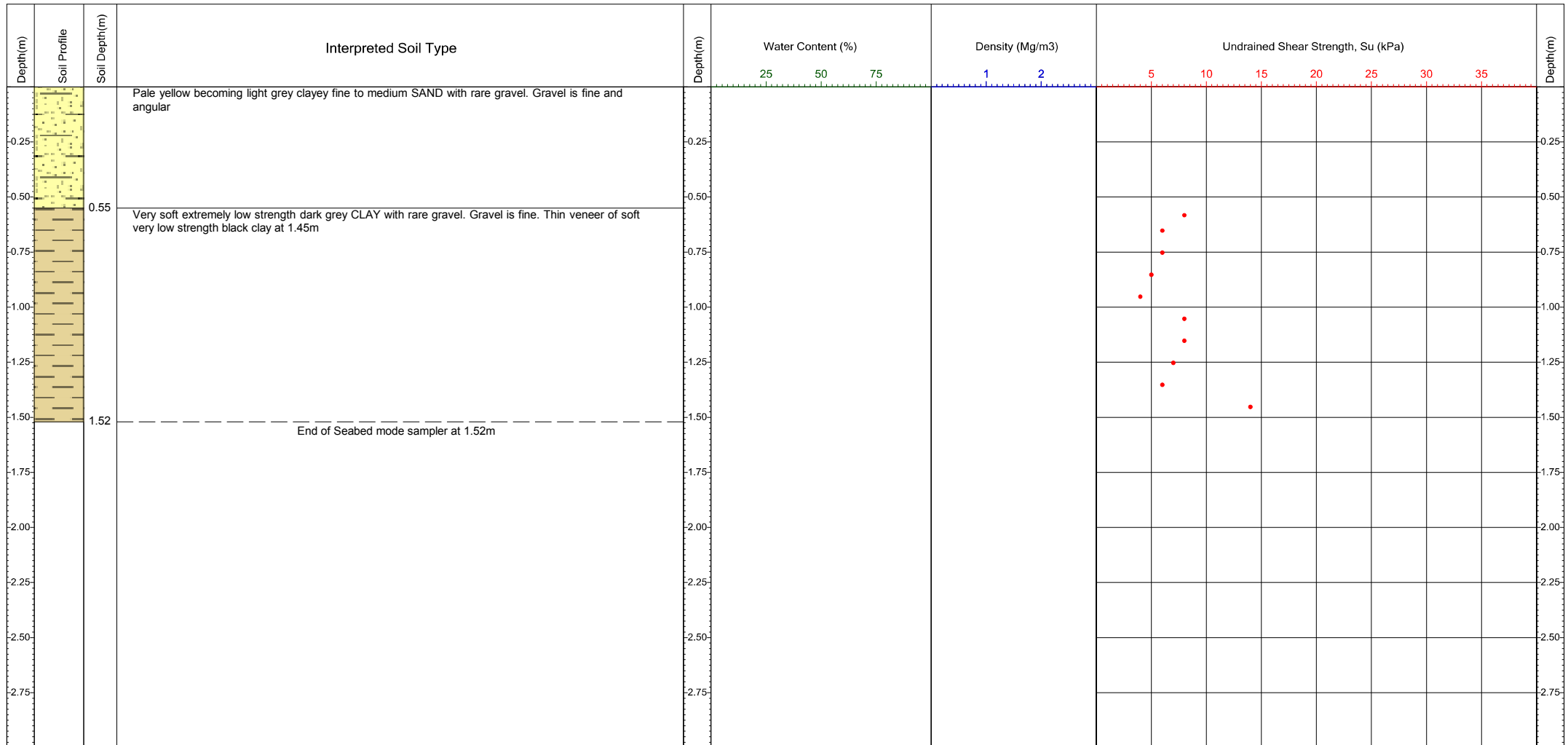


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2503404.5 784566.3	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	1130.0 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC010A
	Client Name	NEC	Date of Test	20/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.92					
	Method	Piston corer	Recovery (m)	0.92					
						PB			
						20/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

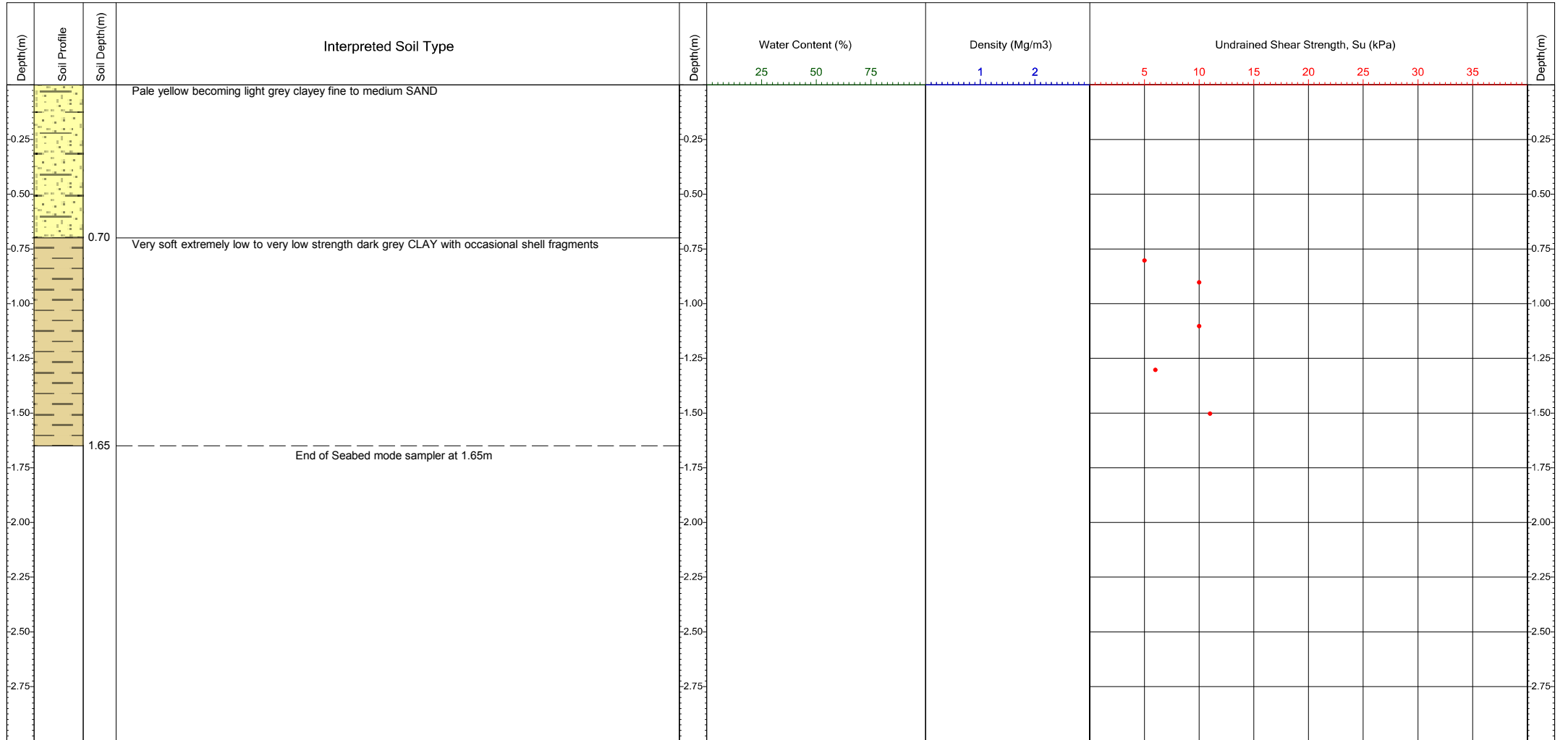


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2512317.3 786092.4	CRS: WGS 84 Mercator (7S 15W)		QC Status			Core Location
	Minimum sample recovery achieved	Contract	10817	Water Depth	1549.7 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC011
		Client Name	NEC	Date of Test	21/11/2016					
		Vessel	Ocean Endeavour	Penetration (m)	1.52					
		Method	Piston corer	Recovery (m)	1.52					
						JT				
						21/11/2016				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

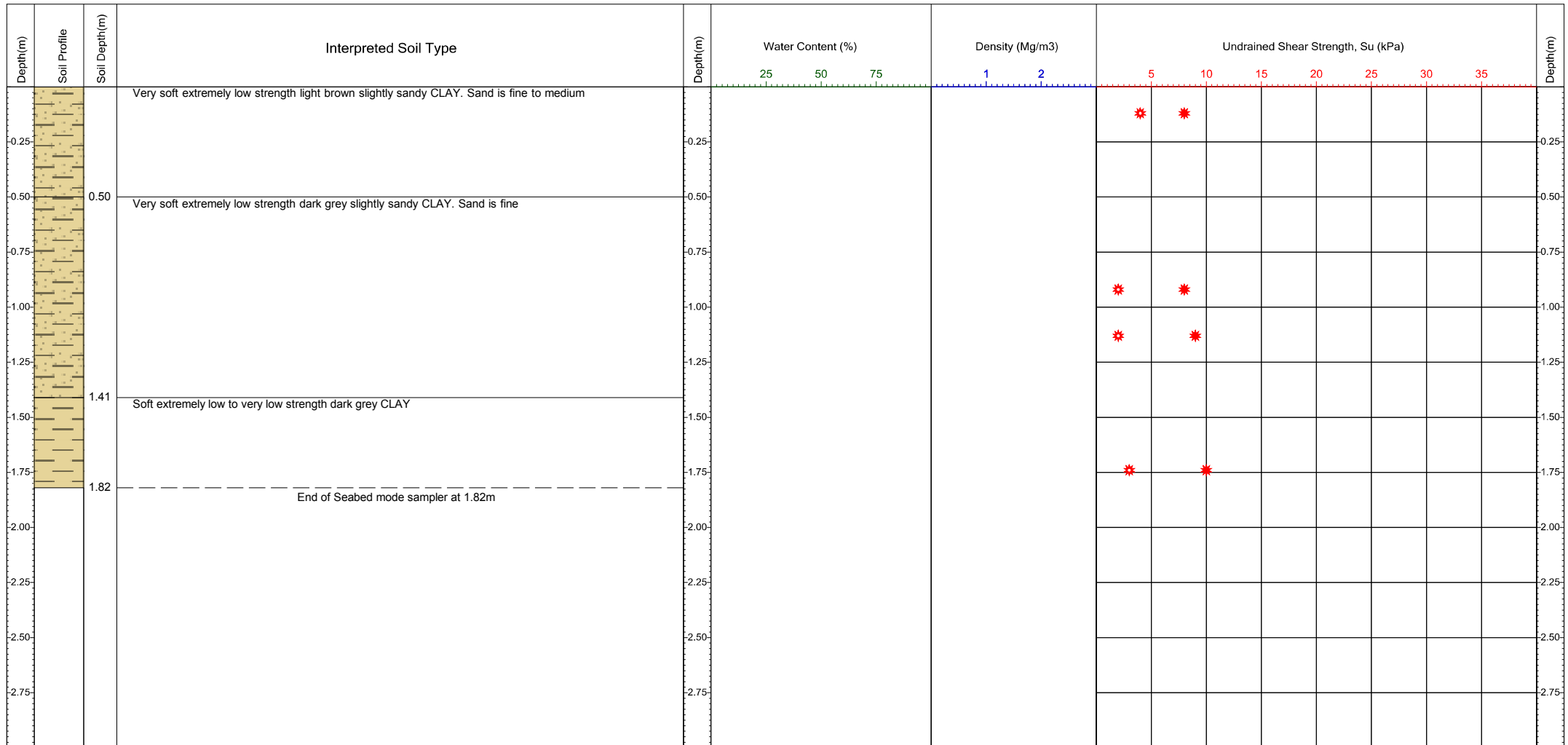


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2507719.4 785302.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	1031.7 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC012
	Client Name	NEC	Date of Test	20/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	1.65					
	Method	Piston corer	Recovery (m)	1.65					
						PB	20/11/2016		



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS



Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2504385.2	784735.1	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
Core sample not split, description obtained from end logging only	Contract	10817	Water Depth	828.3	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC013
	Client Name	NEC	Date of Test	24/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	1.82						
	Method	Piston corer	Recovery (m)	1.82						
							JT			
							24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

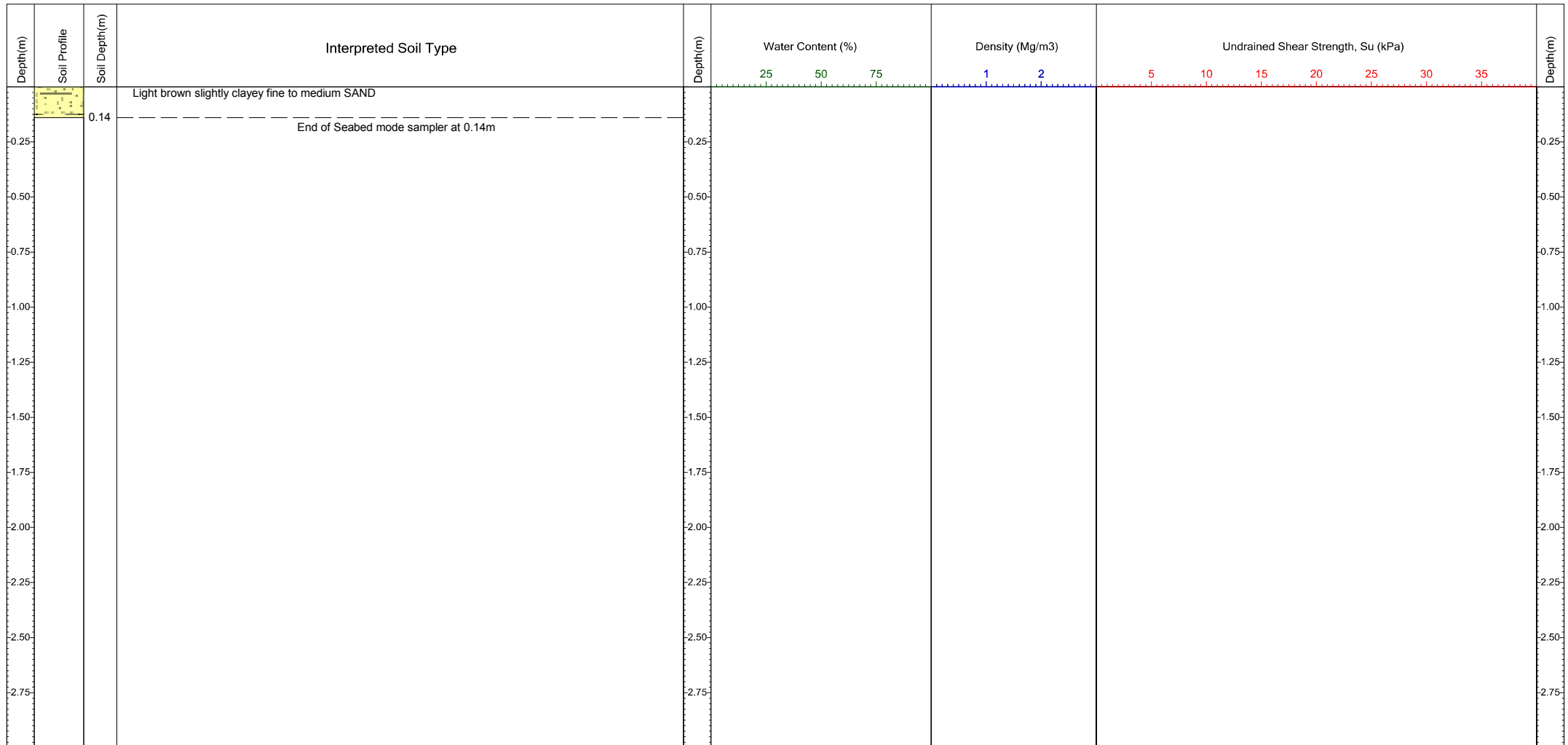


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2499941.4	783771.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	570.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC014
	Client Name	NEC	Date of Test	24/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	1.97						
	Method	Piston corer	Recovery (m)	1.97						
							JT			
							24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

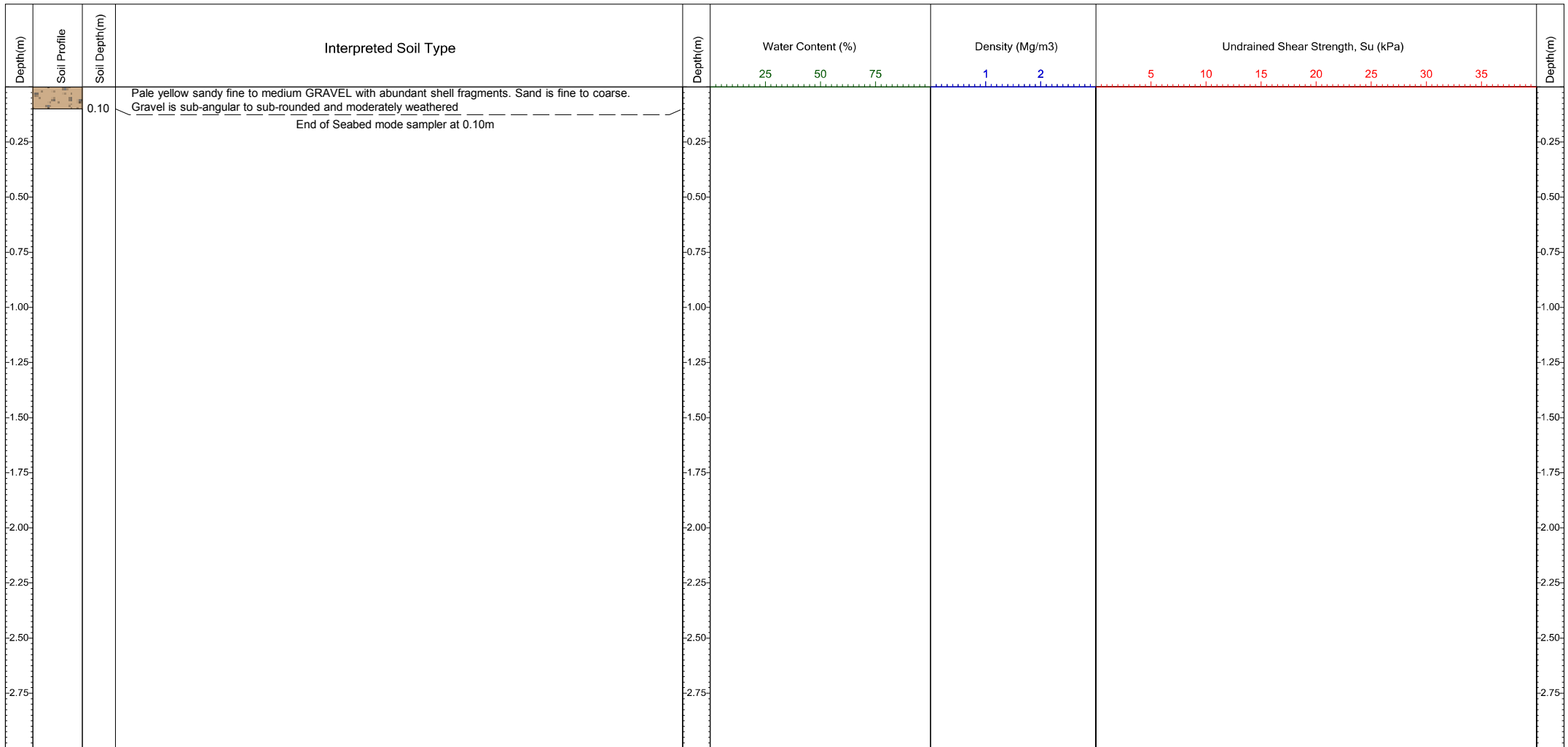


Comments Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2496890.5 782719.3	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	413.2 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC015C
	Client Name	NEC	Date of Test	24/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.14					
	Method	Piston corer	Recovery (m)	0.14					
						PB			
						24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

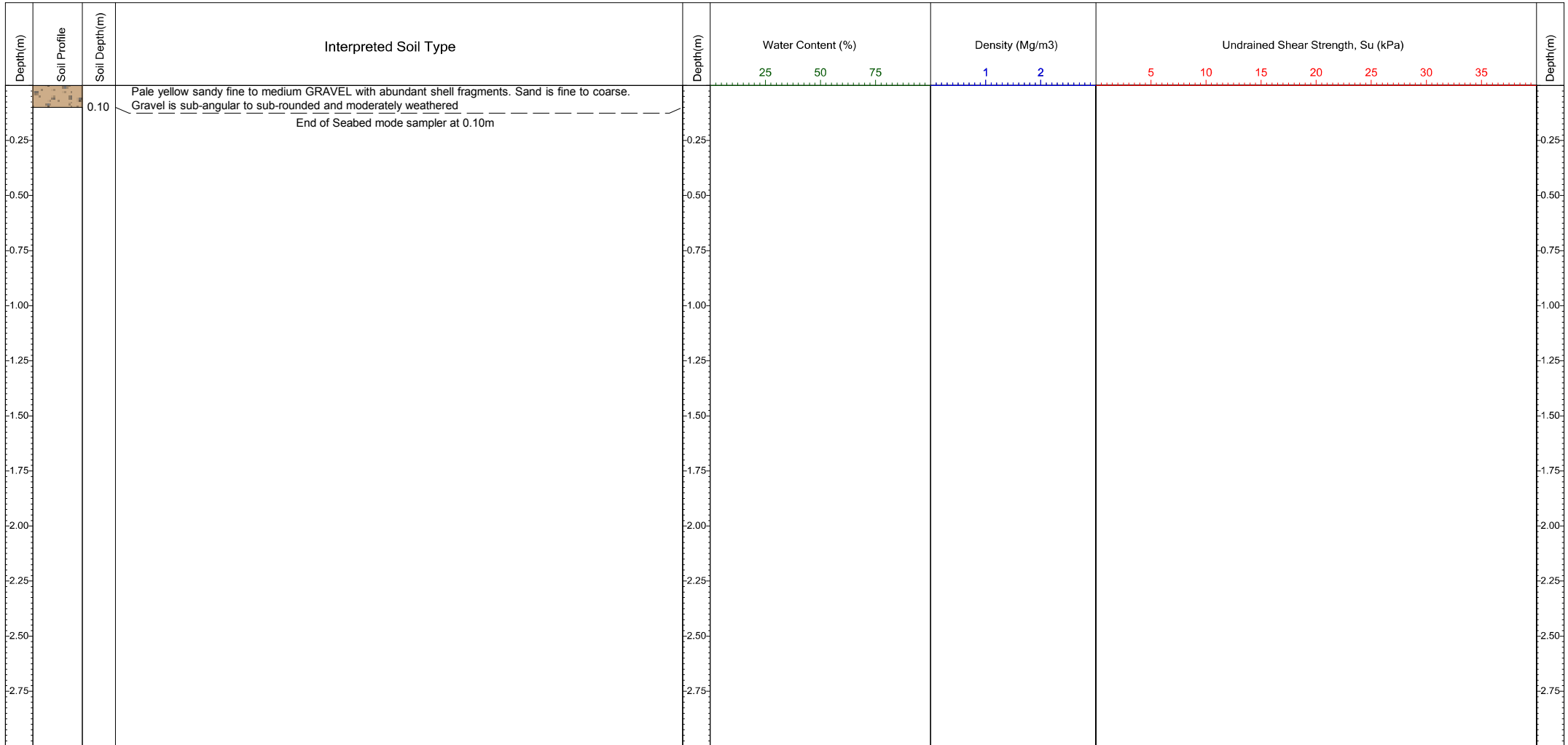


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2494919.3 782023.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	74.5	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC016
	Client Name	NEC	Date of Test	24/11/2016			PB			
	Vessel	Ocean Endeavour	Penetration (m)	0.10						
	Method	Piston corer	Recovery (m)	0.10			24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

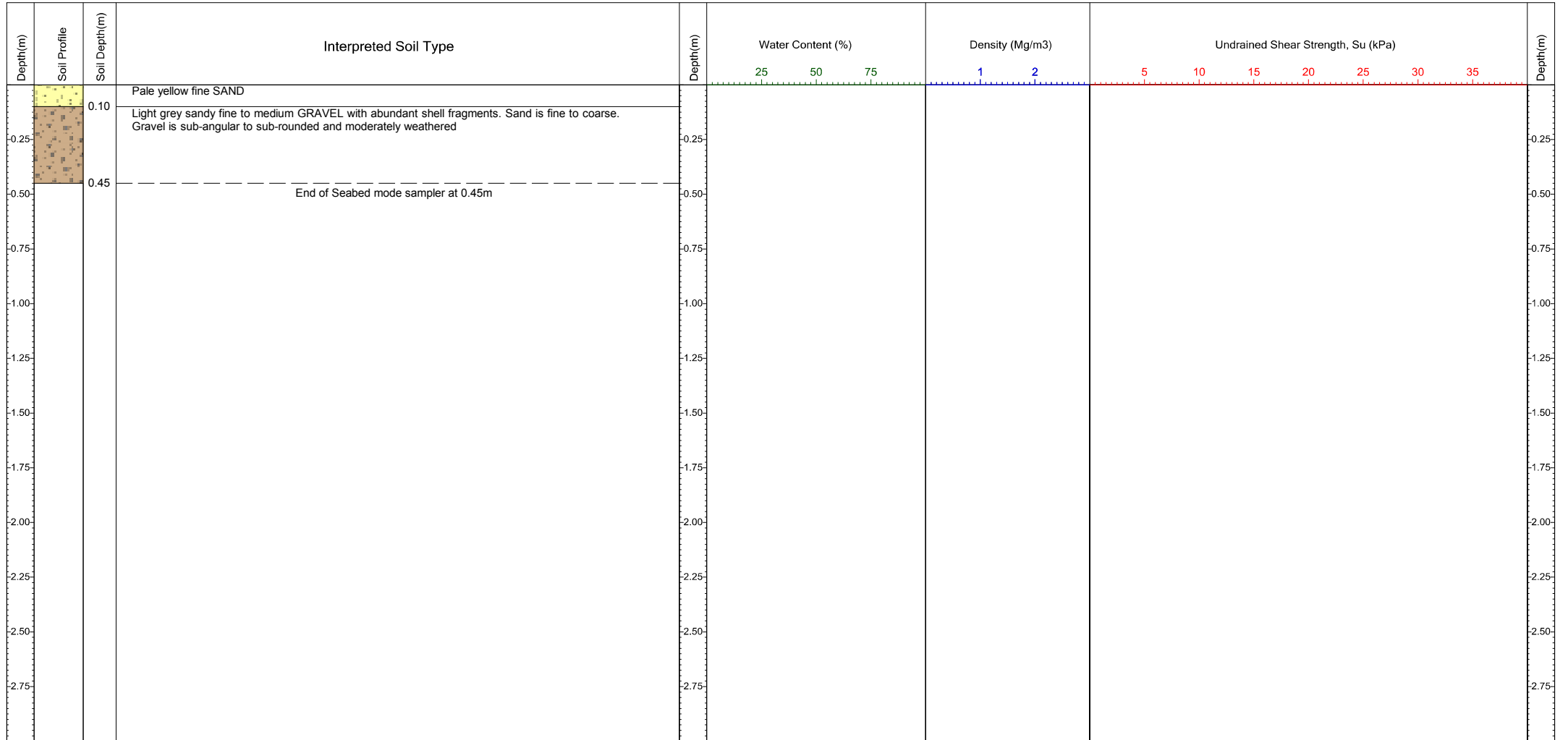


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2493649.9 781663.3	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	64.9	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC017
	Client Name	NEC	Date of Test	24/11/2016			PB			
	Vessel	Ocean Endeavour	Penetration (m)	0.10						
	Method	Piston corer	Recovery (m)	0.10			24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

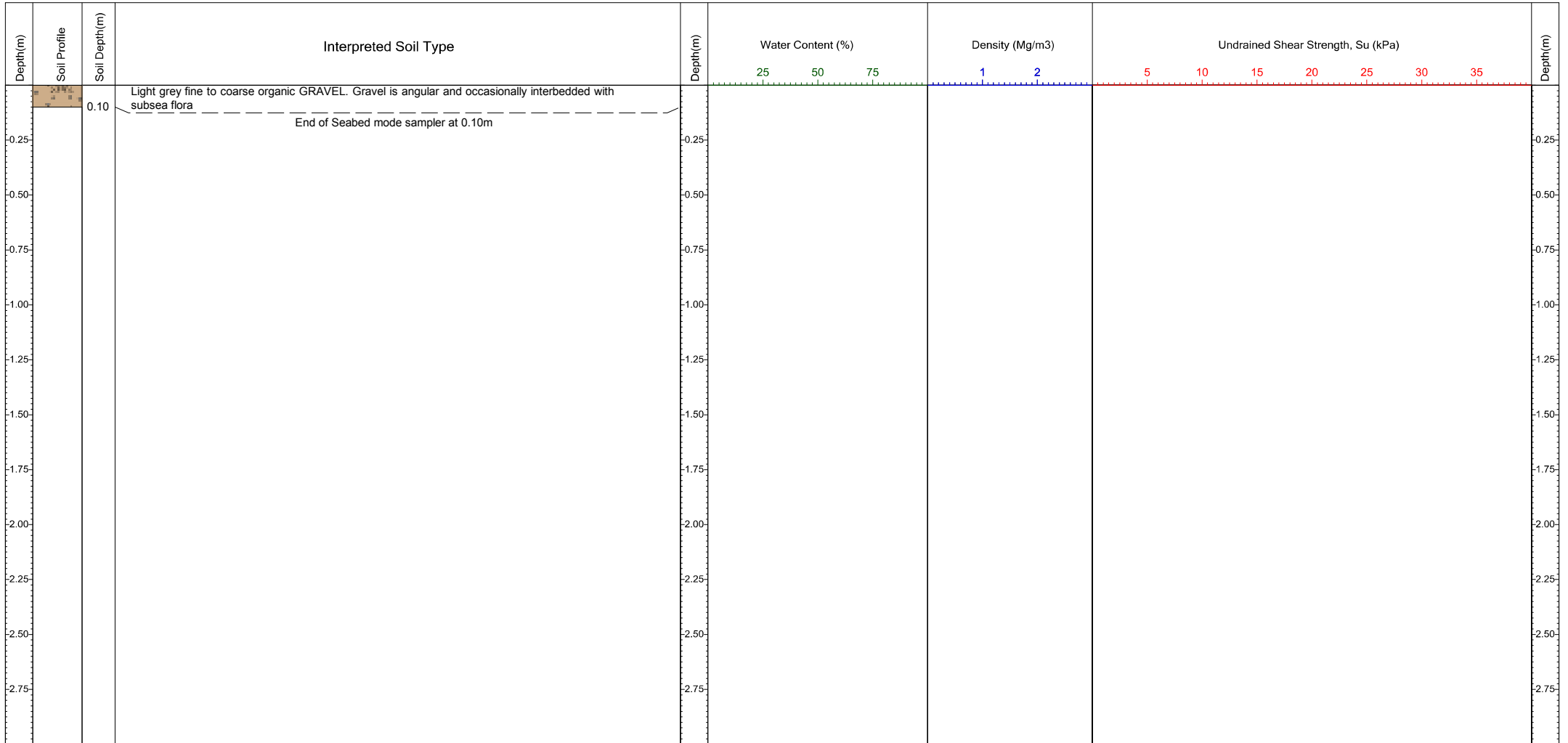


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2493648.0 781663.6	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	64.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC017A
	Client Name	NEC	Date of Test	24/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.45						
	Method	Piston corer	Recovery (m)	0.45						
						PB				
						24/11/2016				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

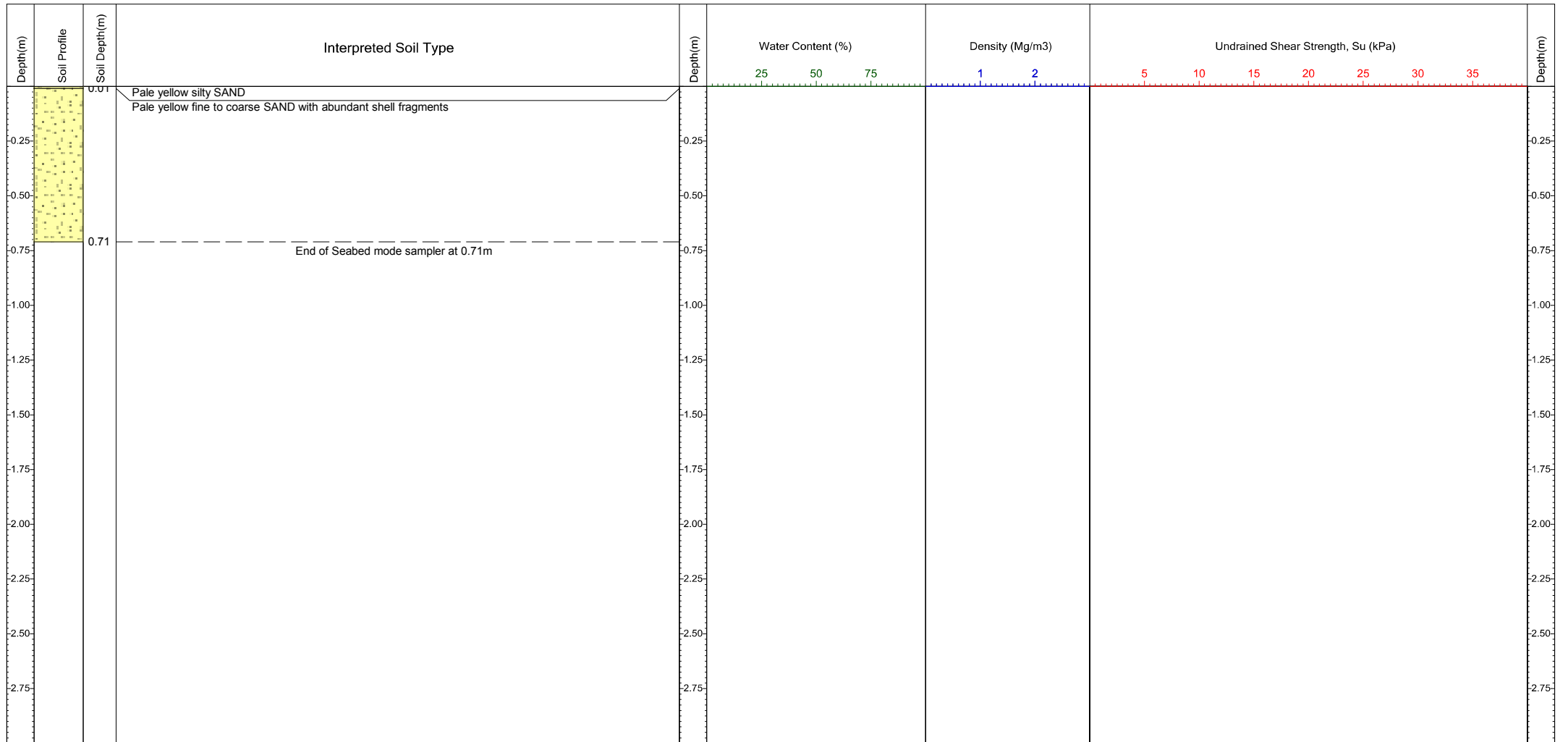


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2488843.8 781593.6	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	49.0 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC018A
	Client Name	NEC	Date of Test	24/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.10					
	Method	Piston corer	Recovery (m)	0.10					
						PB			
						24/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

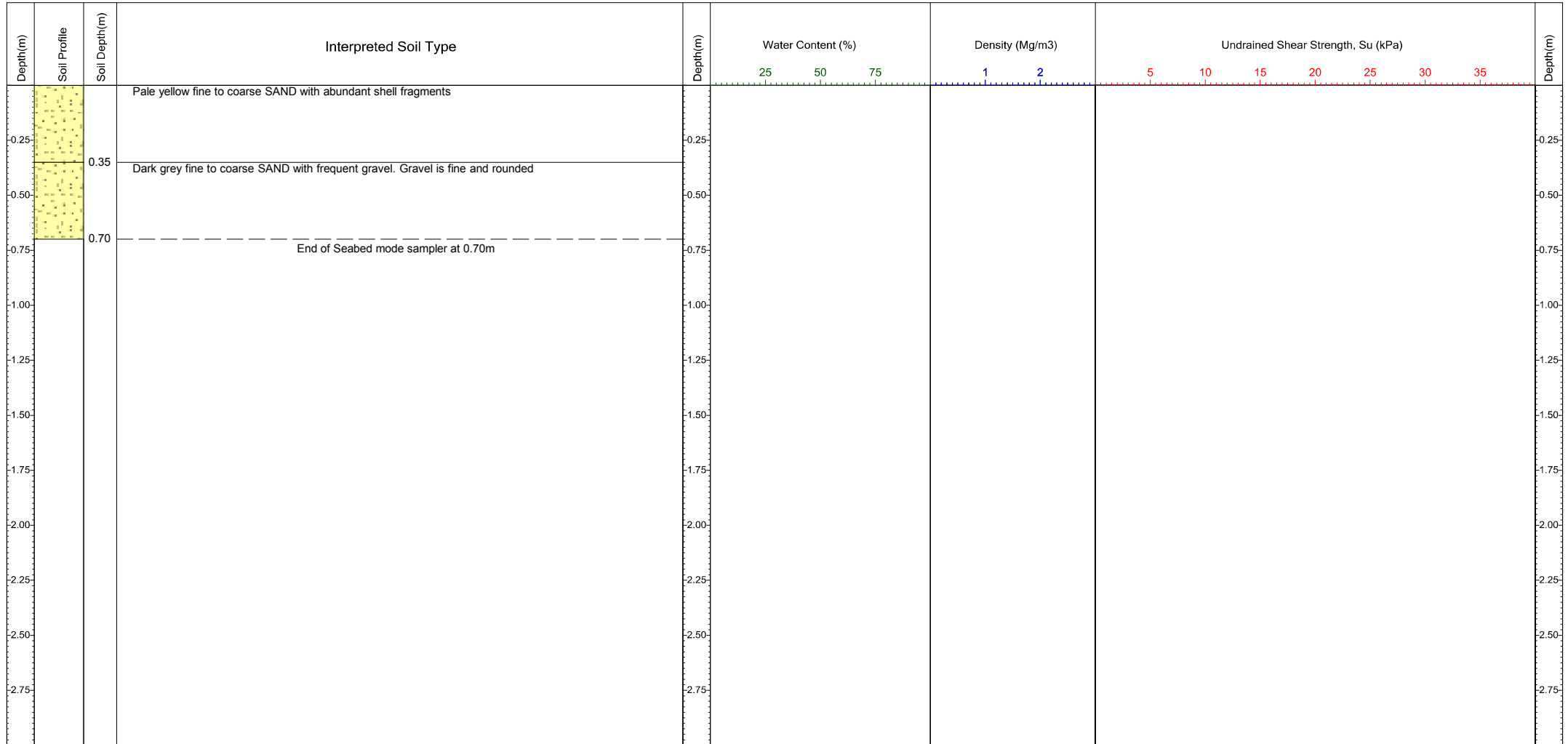


Comments Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2480139.0 785686.7	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	35.7 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC019
	Client Name	NEC	Date of Test	25/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.71					
	Method	Piston corer	Recovery (m)	0.71					
						PB			
						25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

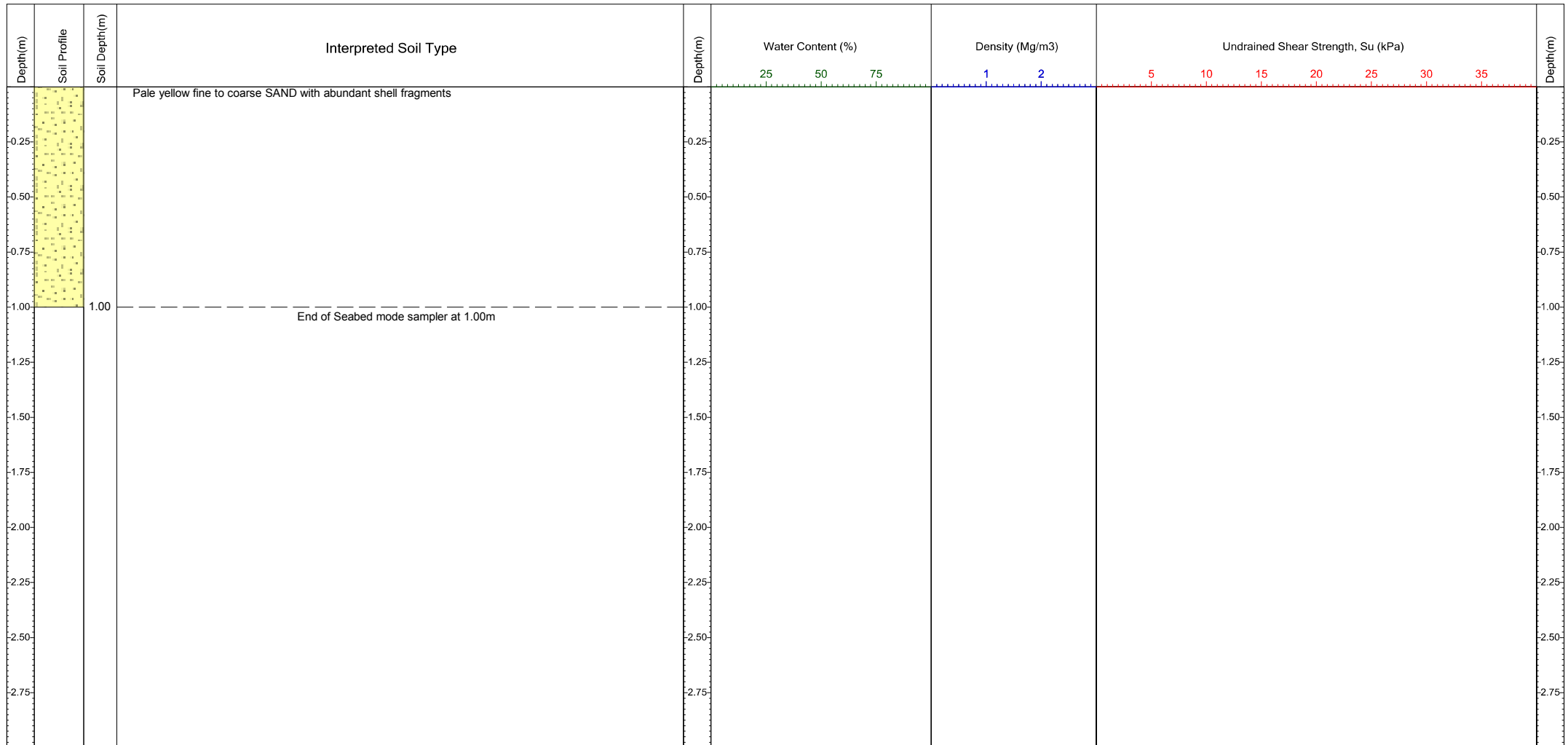


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2472604.0 791821.9	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Minimum recovery achieved. Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	40.9	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC020	
	Client Name	NEC	Date of Test	25/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	0.70							
	Method	Piston corer	Recovery (m)	0.70				25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

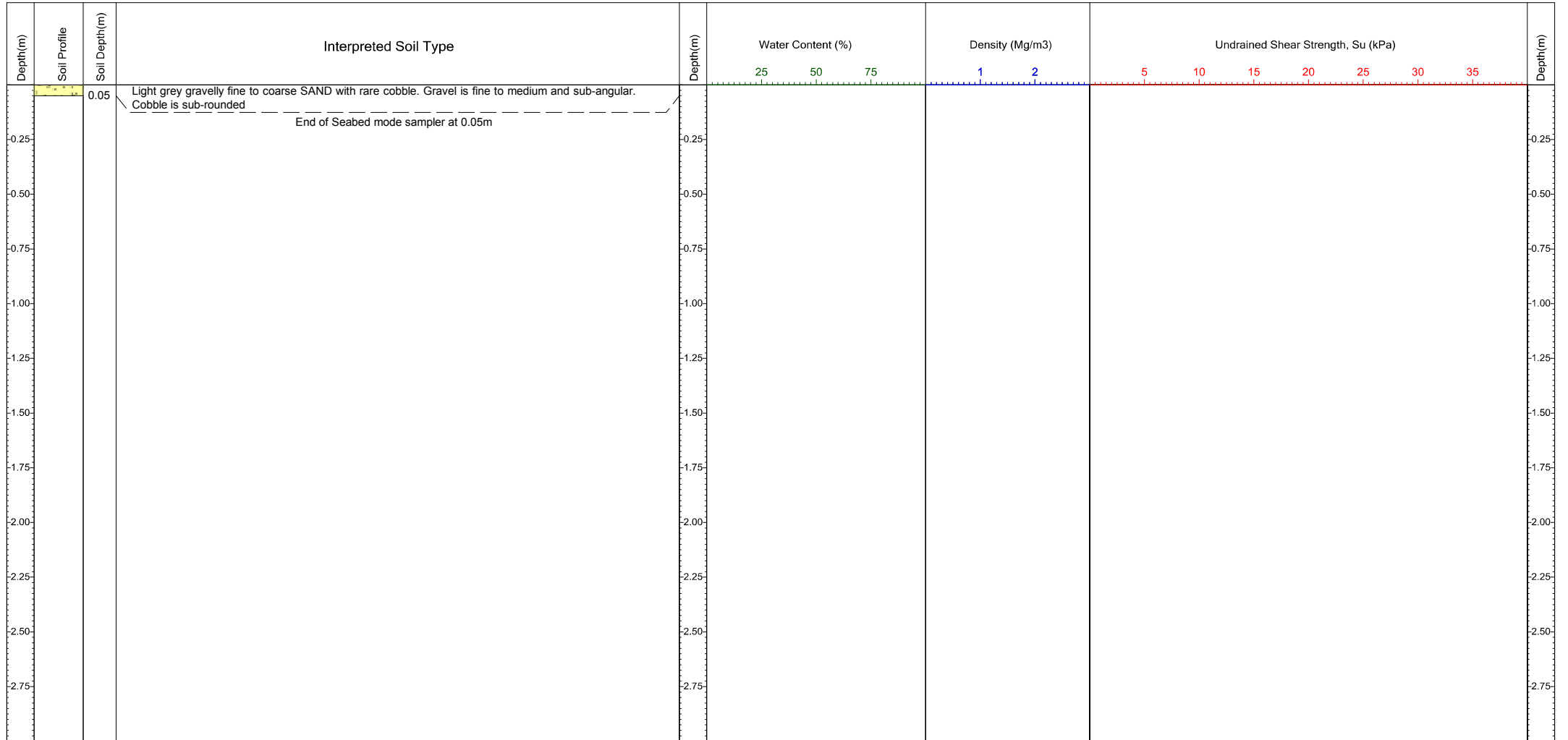


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2466329.9 797333.8	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	32.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC021	
	Client Name	NEC	Date of Test	25/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	1.00							
	Method	Piston corer	Recovery (m)	1.00				25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

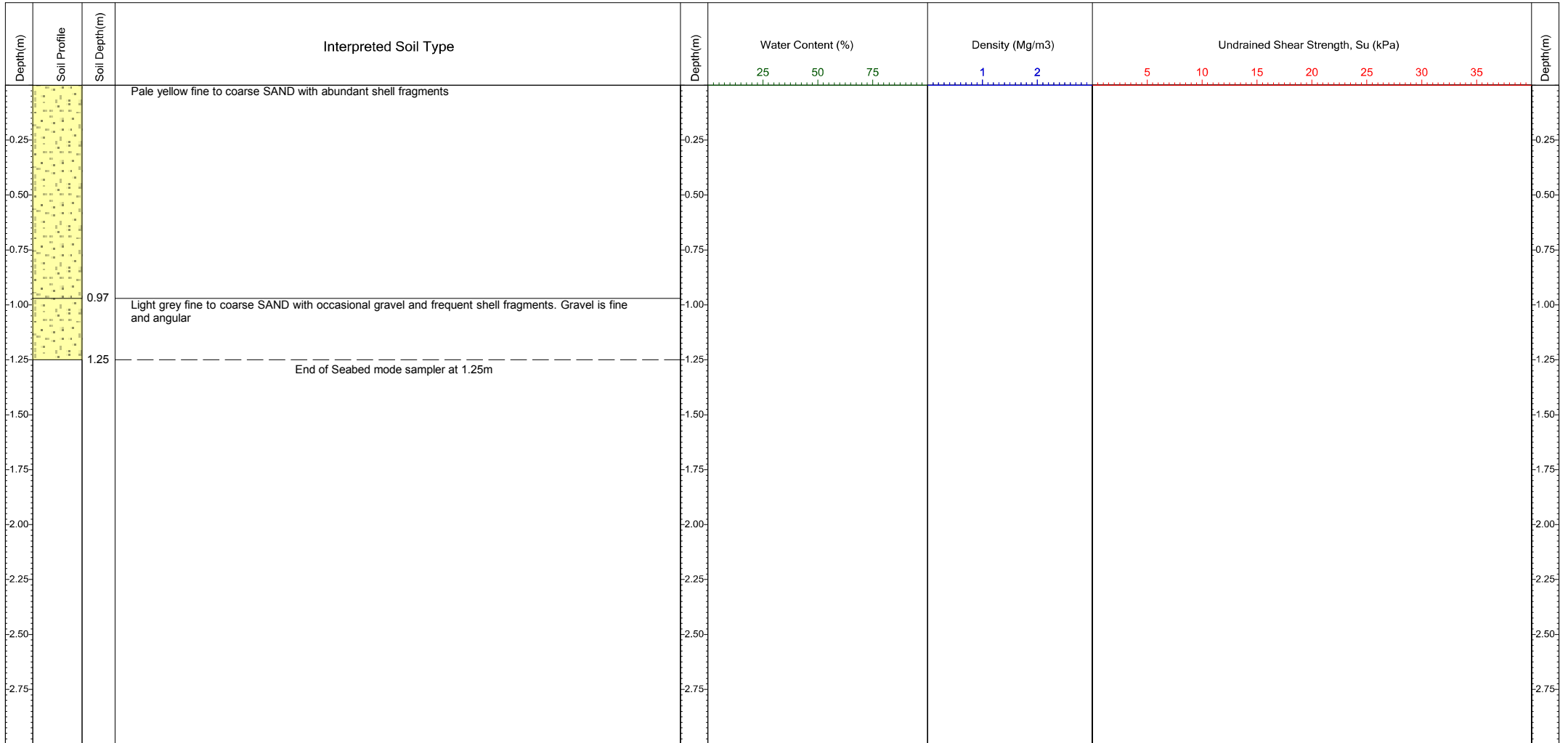


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2466180.9 797387.4	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Insufficient sample recovery. Retest required. Cobble stuck in tulip	Contract	10817	Water Depth	36.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC022
	Client Name	NEC	Date of Test	25/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.05						
	Method	Piston corer	Recovery (m)	0.05						
						JT				
						25/11/2016				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

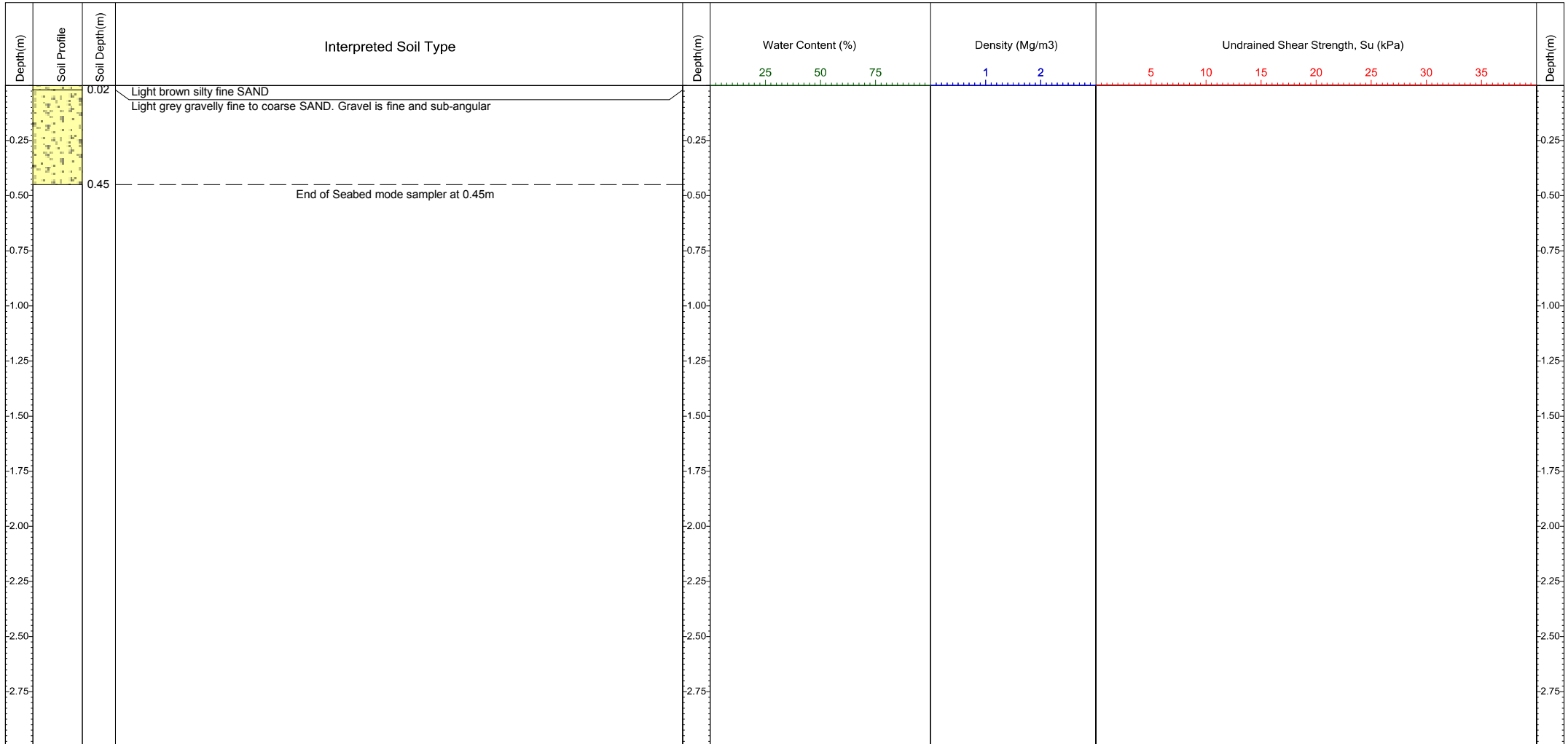


Comments Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2466173.7 797388.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	36.8 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC022A
	Client Name	NEC	Date of Test	25/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	1.25					
	Method	Piston corer	Recovery (m)	1.25					
						JT			
						25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

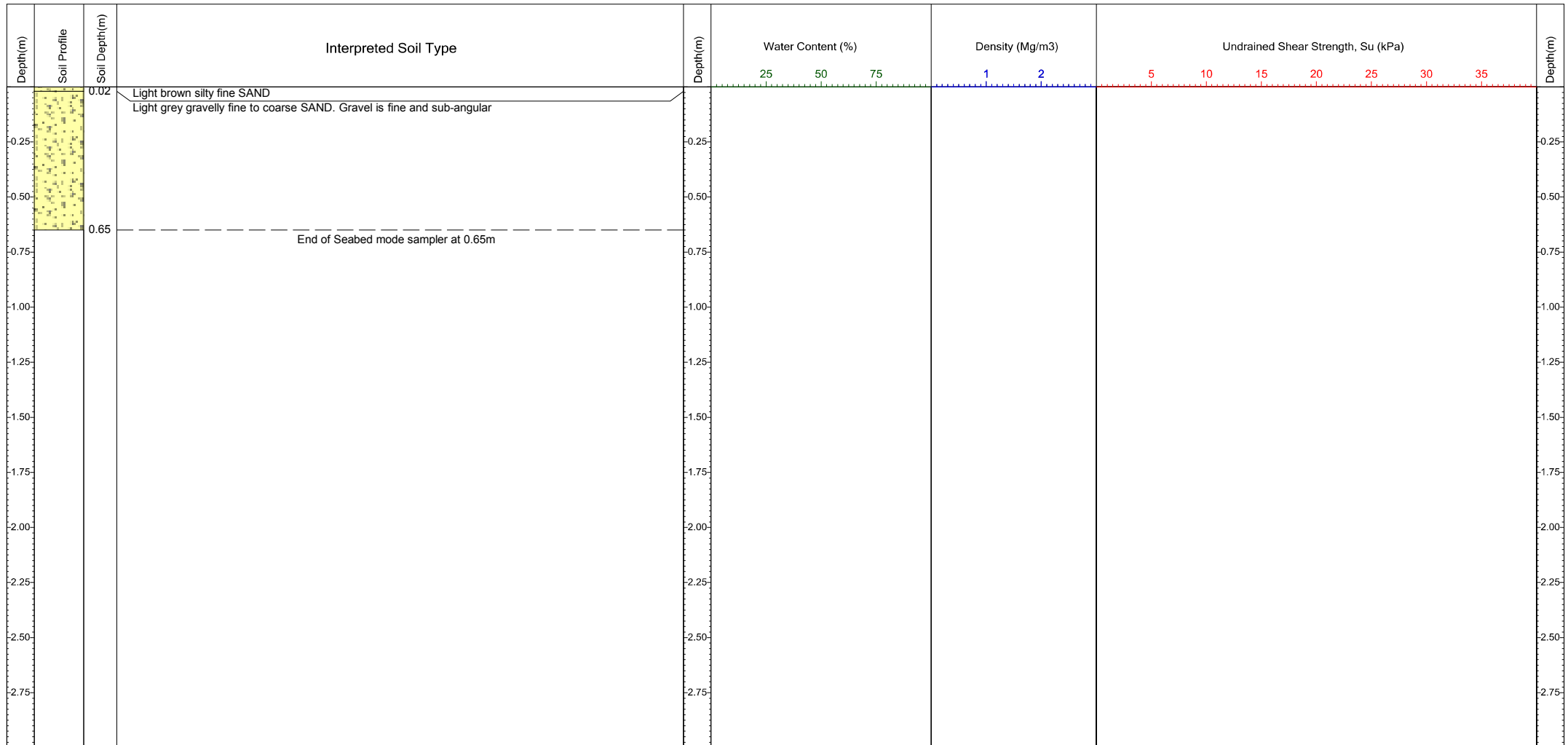


Comments Minimum sample recovery not achieved. Retest required. Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2456801.7 801502.3	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	39.6 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC023
	Client Name	NEC	Date of Test	25/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.45					
	Method	Piston corer	Recovery (m)	0.45					
						JT			
						25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

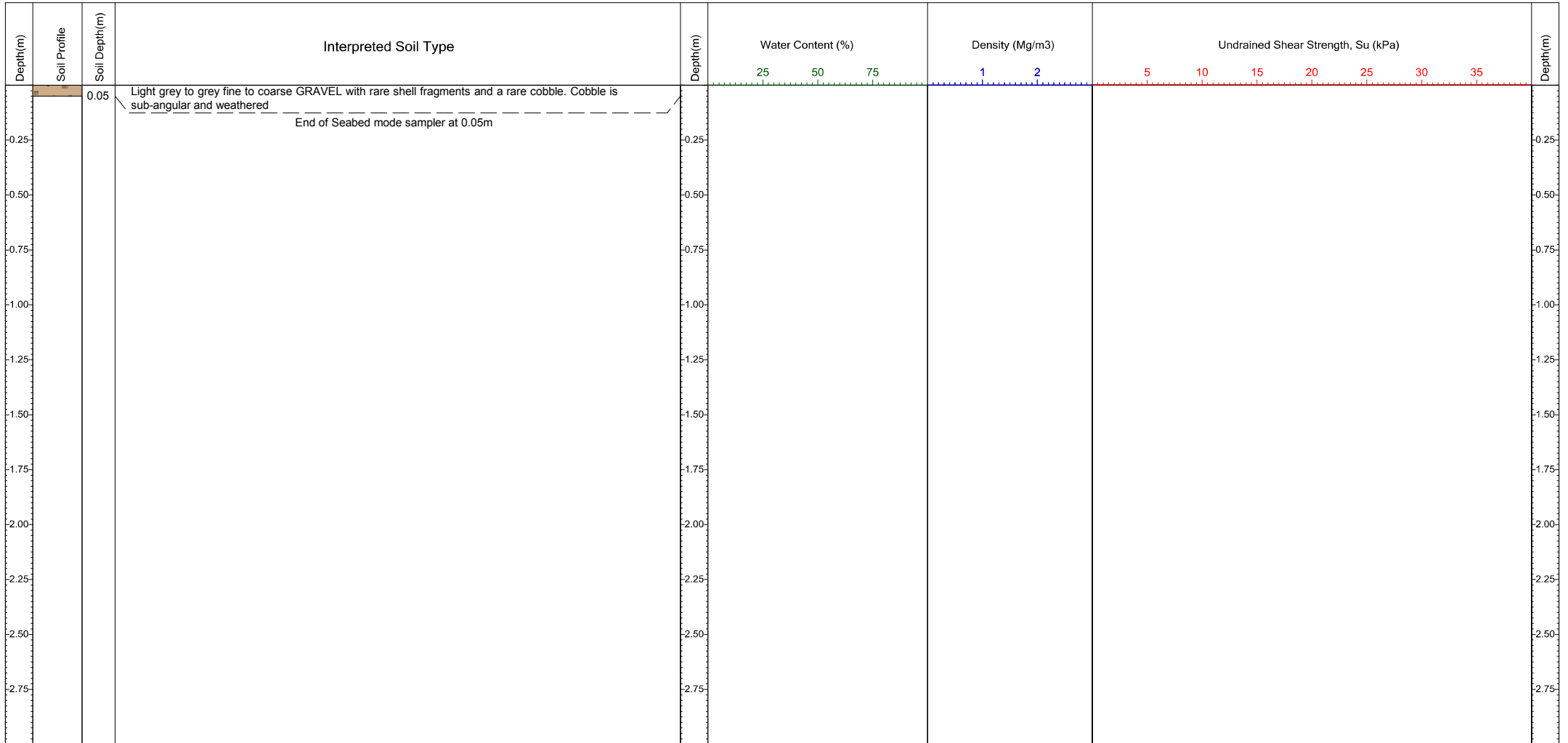


Comments Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2456804.5 801495.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	39.5 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC023A
	Client Name	NEC	Date of Test	25/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.65					
	Method	Piston corer	Recovery (m)	0.65					
						JT			
						25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

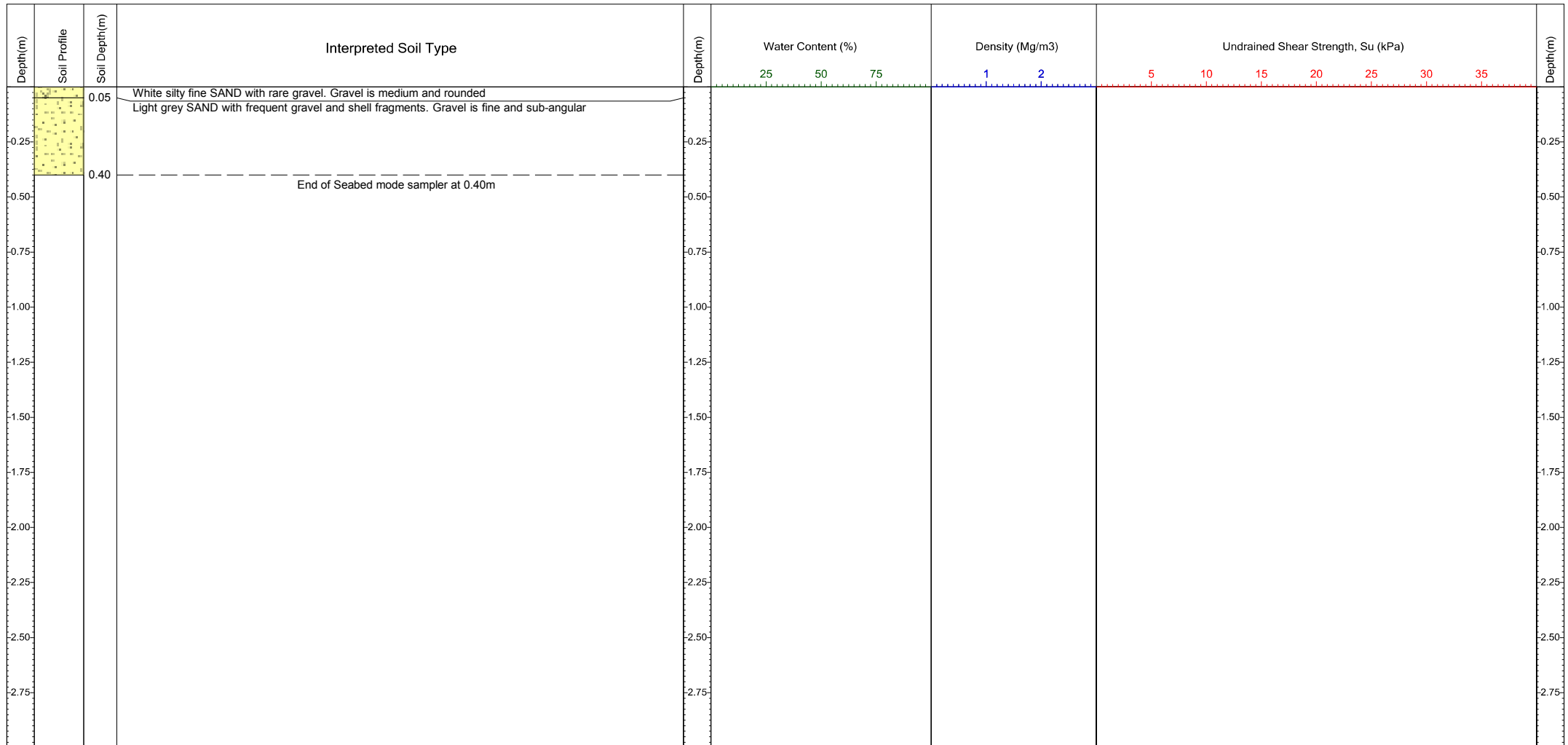


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2445911.3 804513.1	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	35.3	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC024
	Client Name	NEC	Date of Test	25/11/2016			JT			
	Vessel	Ocean Endeavour	Penetration (m)	0.05						
	Method	Piston corer	Recovery (m)	0.05			25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

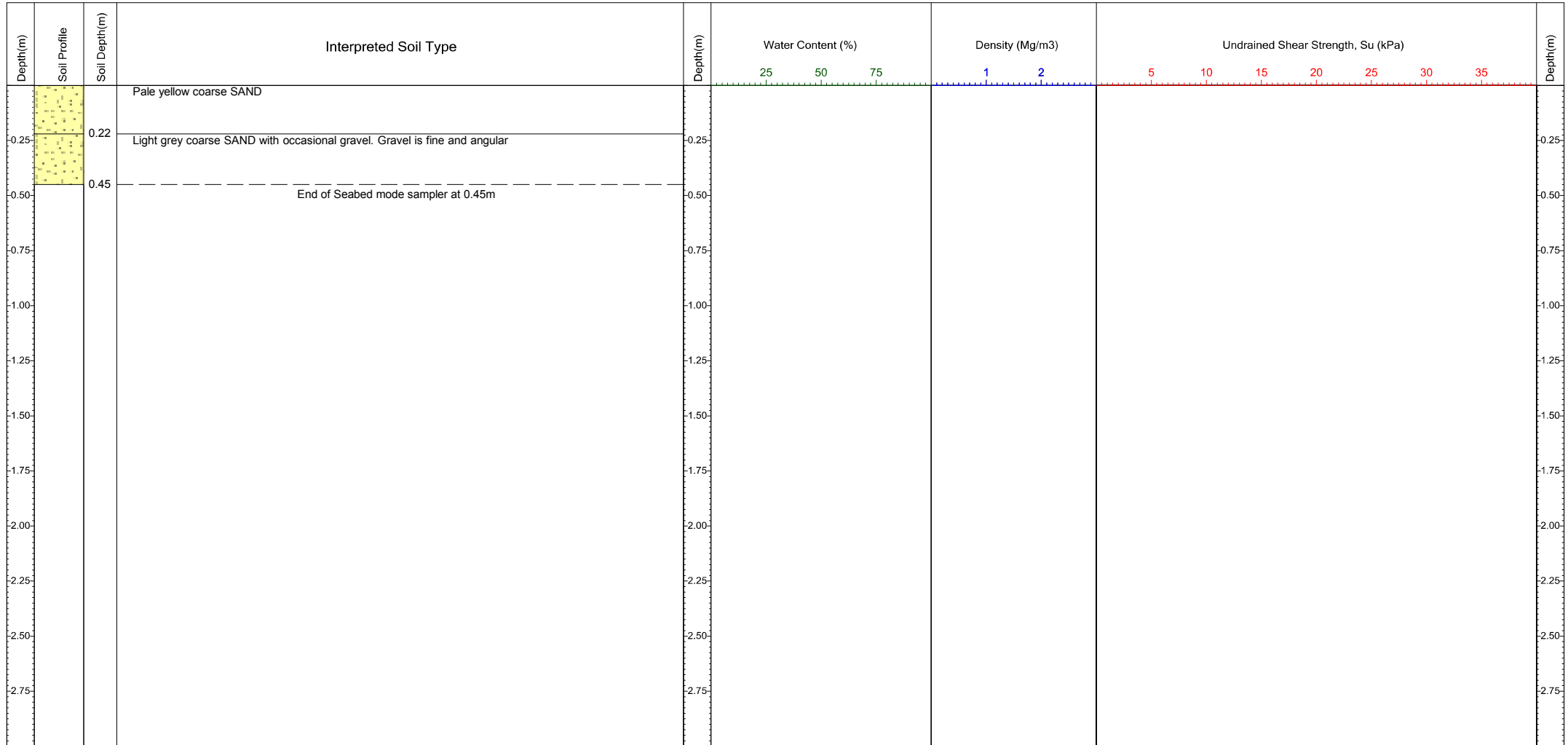


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2445908.3 804512.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	35.2	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC024A	
	Client Name	NEC	Date of Test	25/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	0.40							
	Method	Piston corer	Recovery (m)	0.40				25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

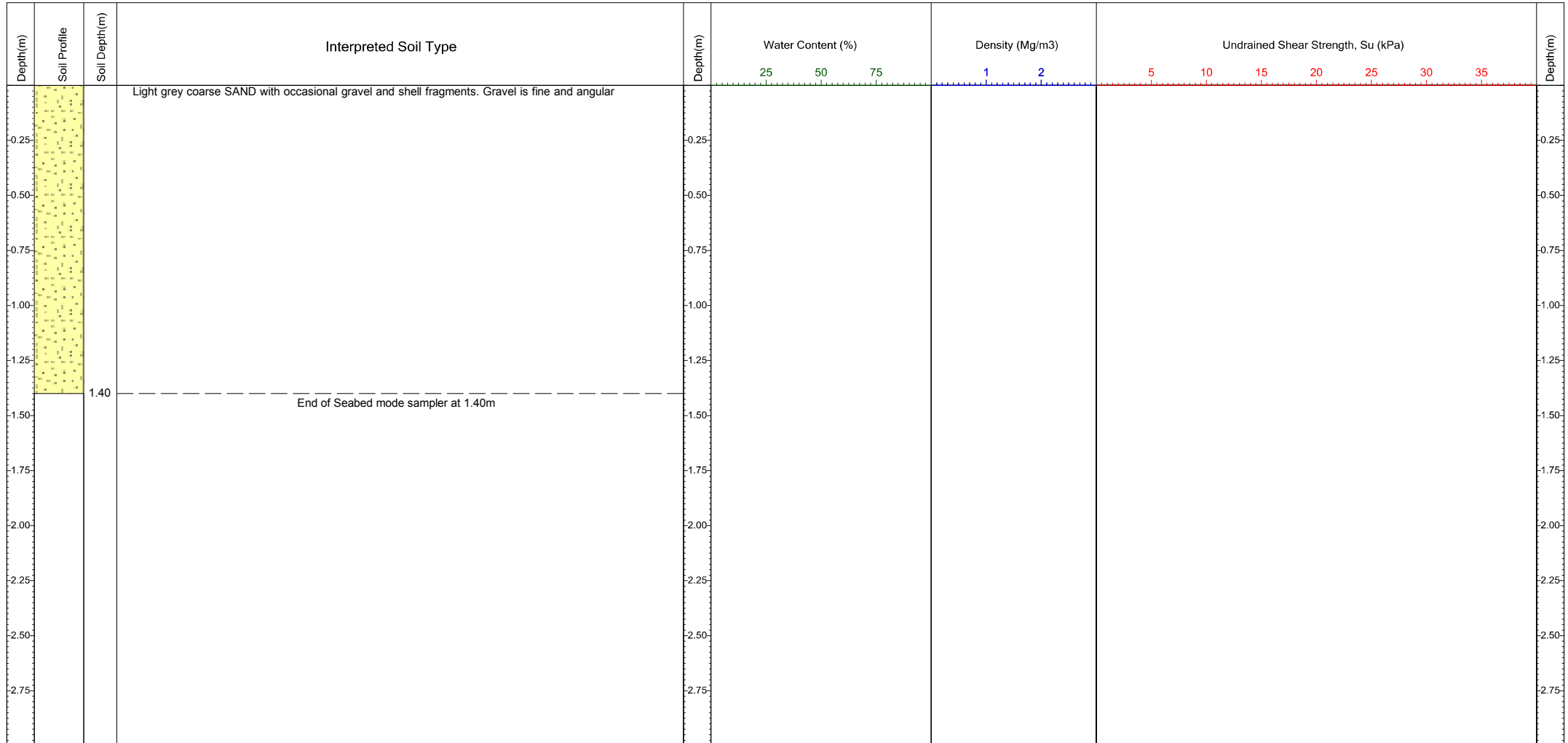


Comments Minimum recovery not achieved. Core sample not split open. Description obtained from end logging only	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2433704.9 805485.6	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
	Contract	10817	Water Depth	32.6 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC025
	Client Name	NEC	Date of Test	25/11/2016					
	Vessel	Ocean Endeavour	Penetration (m)	0.45					
	Method	Piston corer	Recovery (m)	0.45					
						JT			
						25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

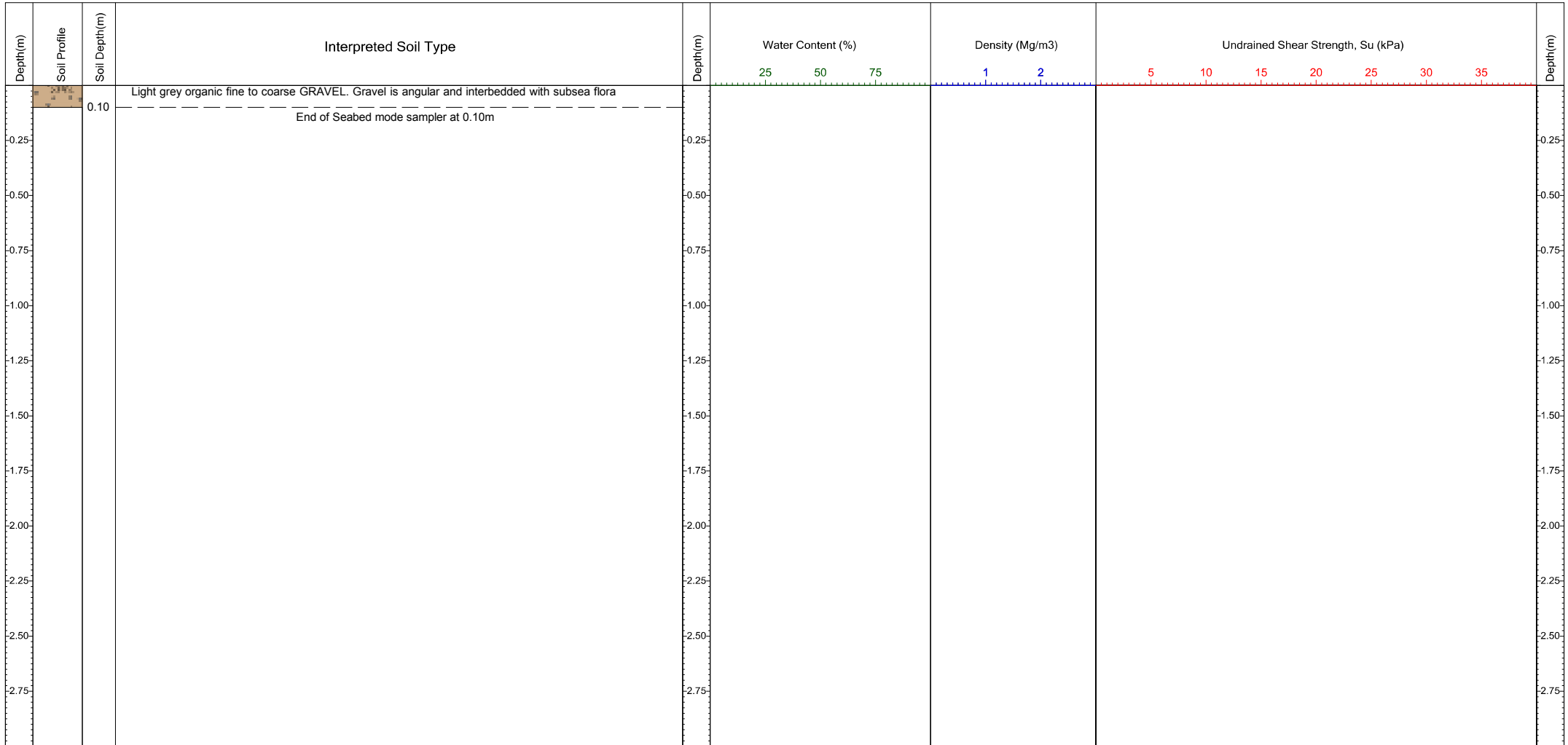


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2433706.0 805487.0	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location		
Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	32.8	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC025A	
	Client Name	NEC	Date of Test	25/11/2016			JT				
	Vessel	Ocean Endeavour	Penetration (m)	1.40							
	Method	Piston corer	Recovery (m)	1.40				25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

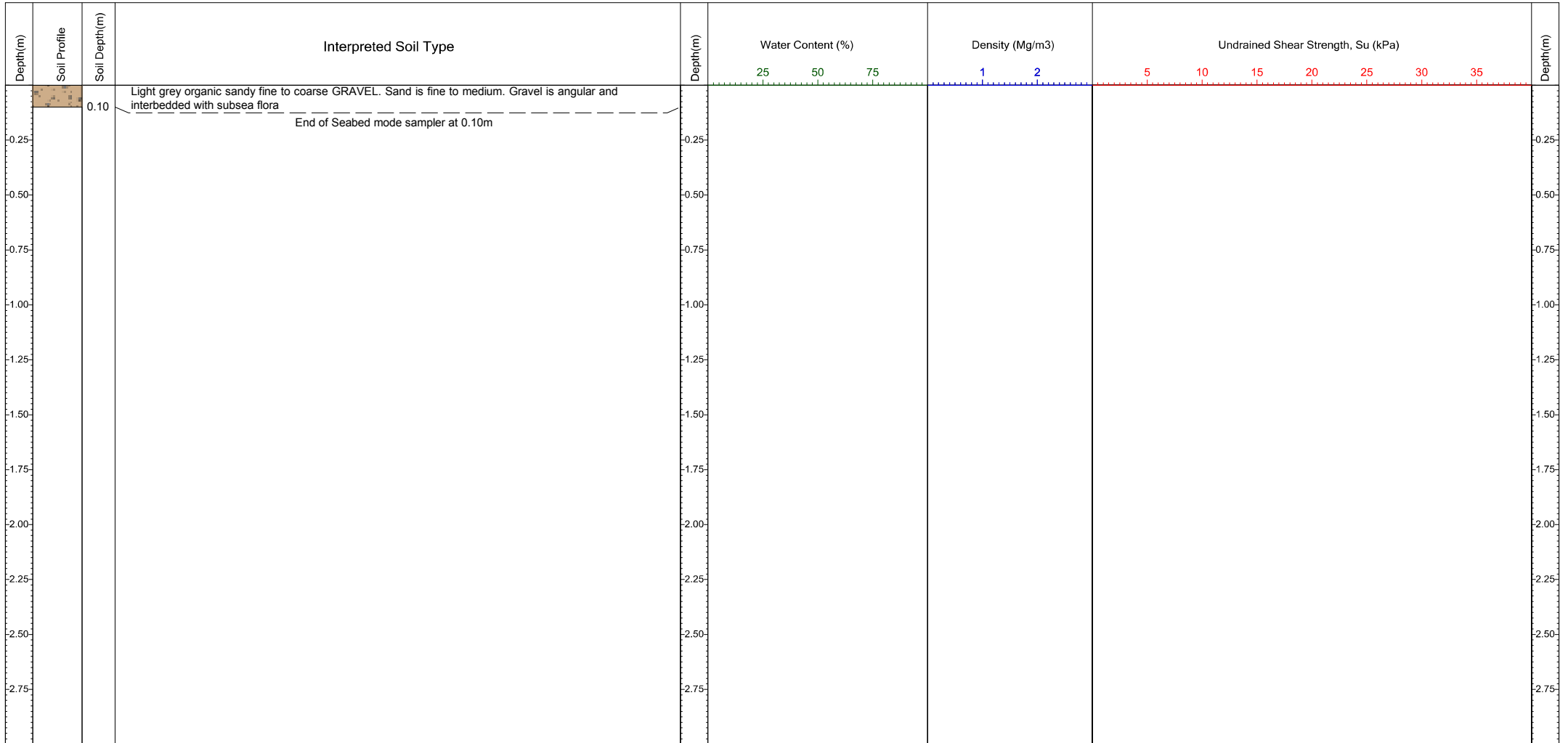


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Minimum recovery not achieved. Retest required	Contract	10817	Water Depth	23.9	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC026
	Client Name	NEC	Date of Test	25/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.10						
	Method	Piston corer	Recovery (m)	0.10						
						PB				
						<small>25/11/2016</small>				



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

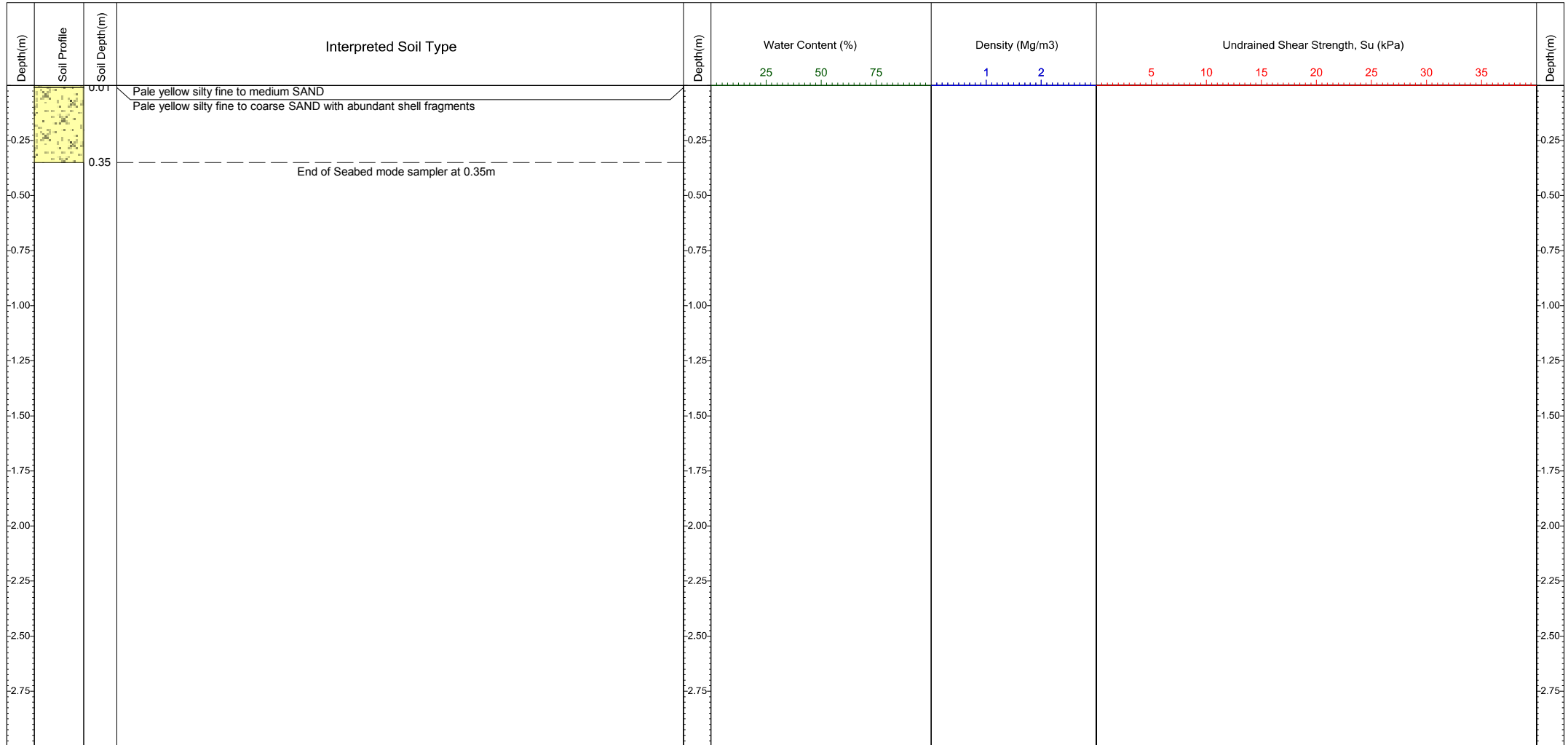


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2426950.5 805787.5	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
	Contract	10817	Water Depth	23.9	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC026A
	Client Name	NEC	Date of Test	25/11/2016						
	Vessel	Ocean Endeavour	Penetration (m)	0.10						
	Method	Piston corer	Recovery (m)	0.10						
							PB			
							25/11/2016			



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

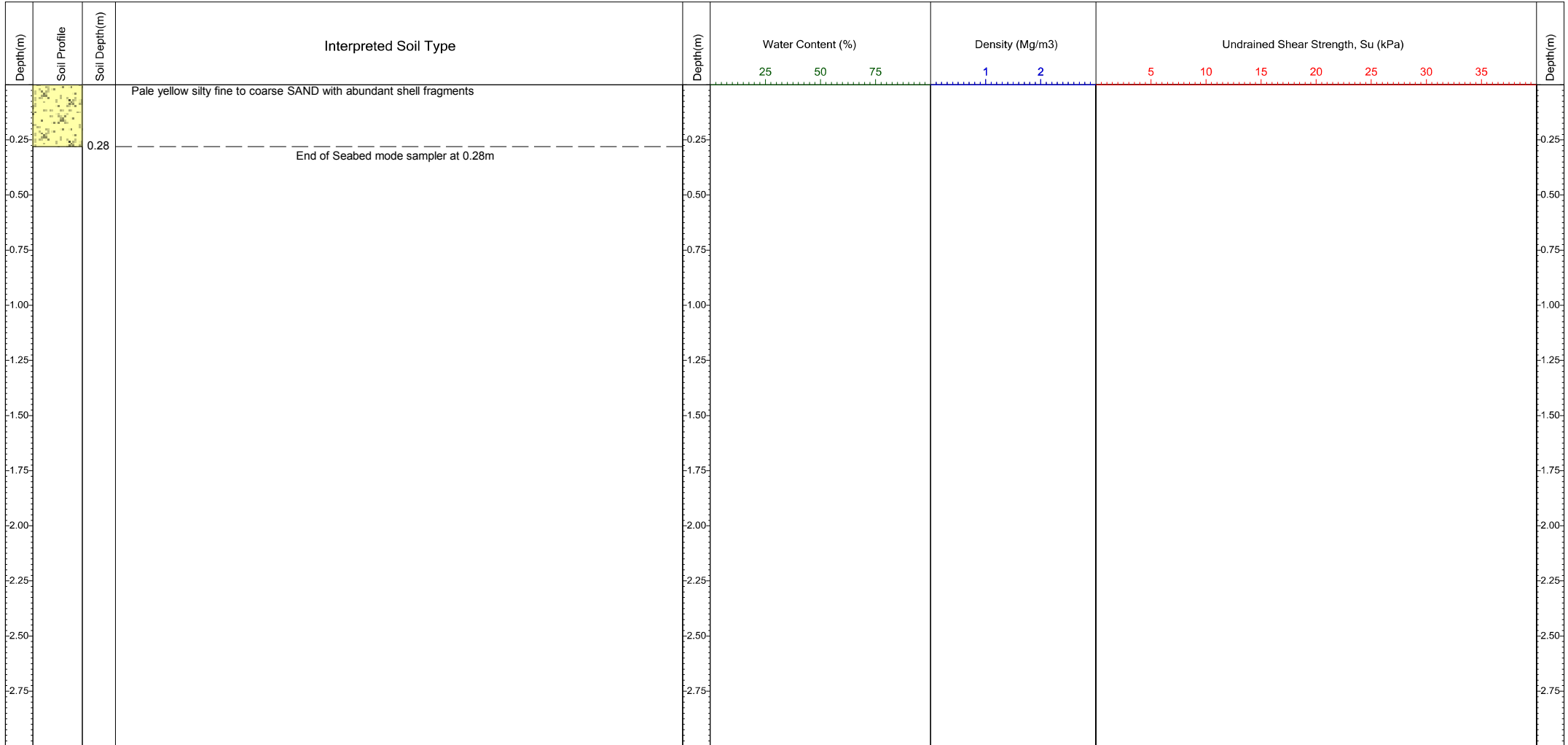


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2422291.5 798497.2	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Minimum recovery not achieved. Retest required. Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	23.3	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC027
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	Vessel	Ocean Endeavour	Penetration (m)	0.35						
	Method	Piston corer	Recovery (m)	0.35				25/11/2016		



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS

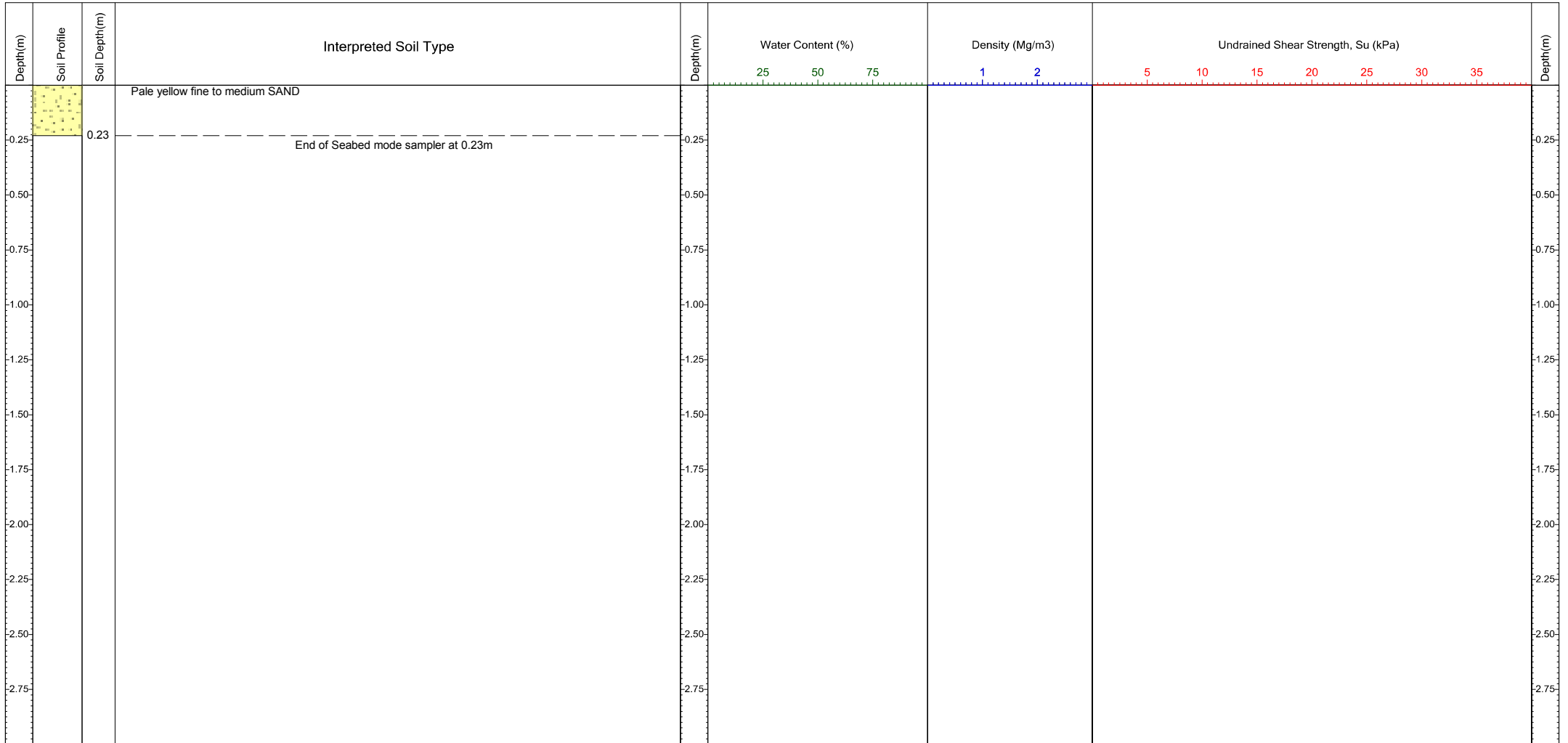


Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2422295.5 798505.1	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location	
Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	23.1	(mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC027A
	Client Name	NEC	Date of Test	25/11/2016			PB <small>25/11/2016</small>			
	Vessel	Ocean Endeavour	Penetration (m)	0.28						
	Method	Piston corer	Recovery (m)	0.28						



SACS Cable Route Survey

LOG AND LABORATORY TEST RESULTS



Comments	Area	Atlantic: Brazil to Angola	Coordinates (E, N)	2488281.6 781617.7	CRS: WGS 84 Mercator (7S 15W)	QC Status			Core Location
Minimum recovery not achieved. Retest required. Core sample not split open. Description obtained from end logging only	Contract	10817	Water Depth	46.7 (mLAT)		Preliminary	Draft	Final	SACS_FTL_OE_PC028
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	Vessel	Ocean Endeavour	Penetration (m)	0.23					
	Method	Piston corer	Recovery (m)	0.23					

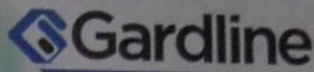
CLIENT: NEC

CONTRACT NO: 10817

LOCATION: FORTALEZA

BOREHOLE NO: SALS_FTL-OE-P0001

DATE: 19/11/2016



Gardline Geosciences
1 Hewett Park
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Norfolk NR31 0NW
Tel: +44 (0) 1493 845600
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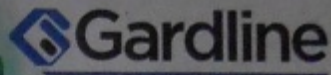
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CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL_OE_P0001A
DATE: 19/11/2016



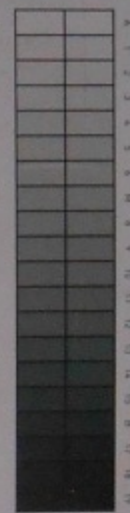
Gardline Geosciences
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TO 0.53m TO

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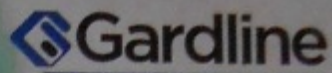
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CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-PC002
DATE: 19/11/2016

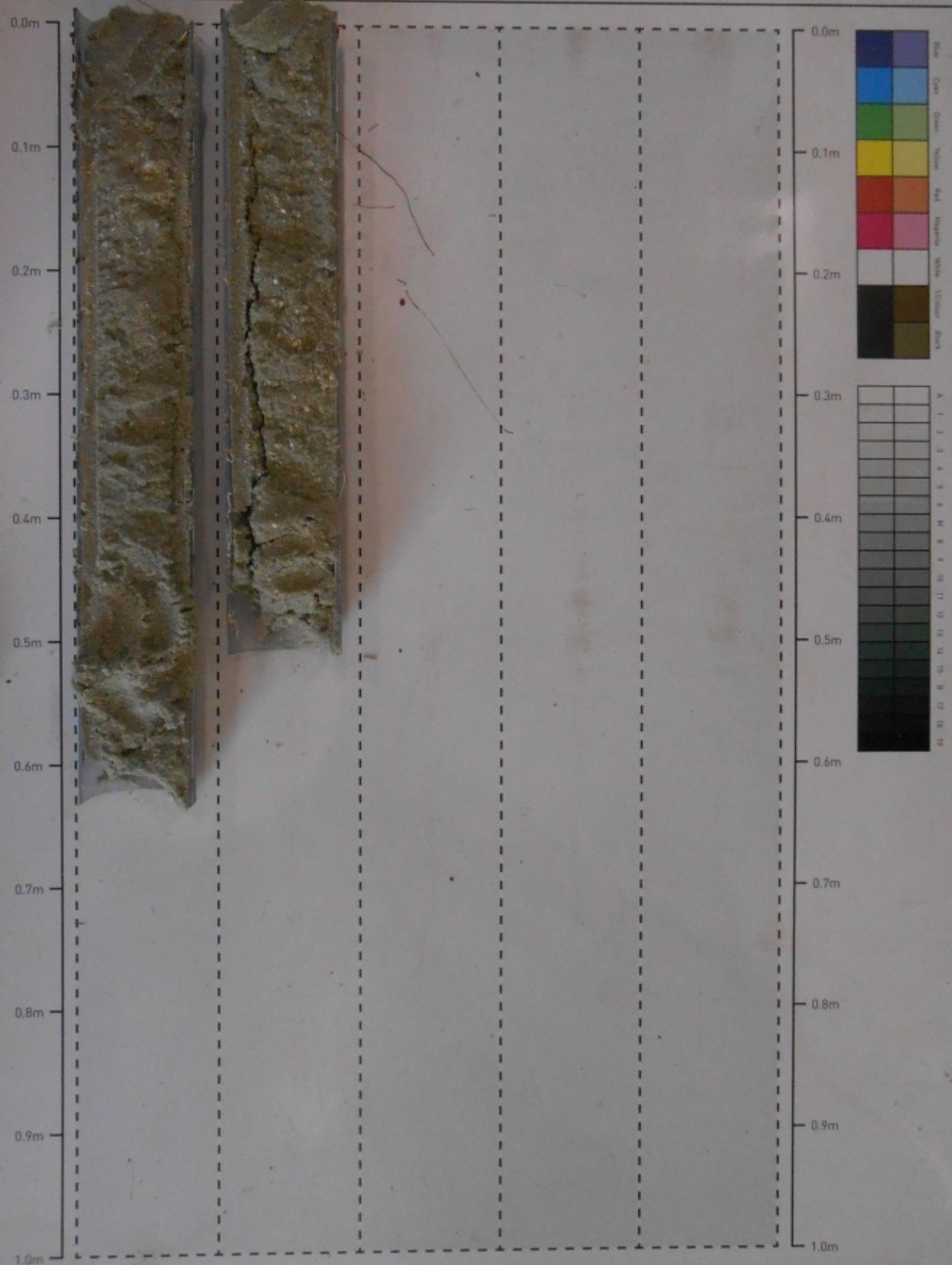


Gardline Geosciences
1 Hewett Park
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Tel: +44 (0) 1493 845600
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TO 0.60m TO

FROM 0.60m FROM
TO 1.10m TO

FROM
TO



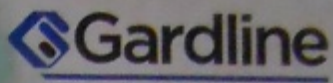
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CONTRACT NO: 0817

LOCATION: FORTALEZA

BOREHOLE NO: SALS_FTL-OE-PL003

DATE: 19/11/2016



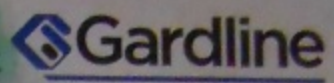
Gardline Geosciences
1 Hewitt Park
Hewitt Road
Great Yarmouth
Norfolk NR31 5NN
Tel: +44 (0) 1493 840600
www.gardline-geosciences.com

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CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-P0004
DATE: 19/11/2016



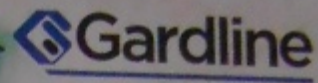
Gardline Geosciences
1 Fleet Park
Hewett Road
Great Yarmouth
Norfolk NR21 8NN
Tel: +44 (0) 1492 545800
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CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-P005
DATE: 19/11/2016



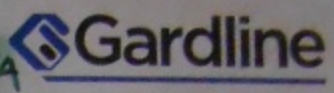
Gardline Geosciences
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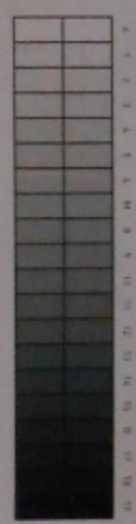
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DATE: 19/11/2016



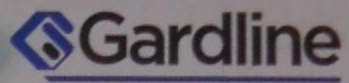
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FROM 0.00m FROM FROM FROM
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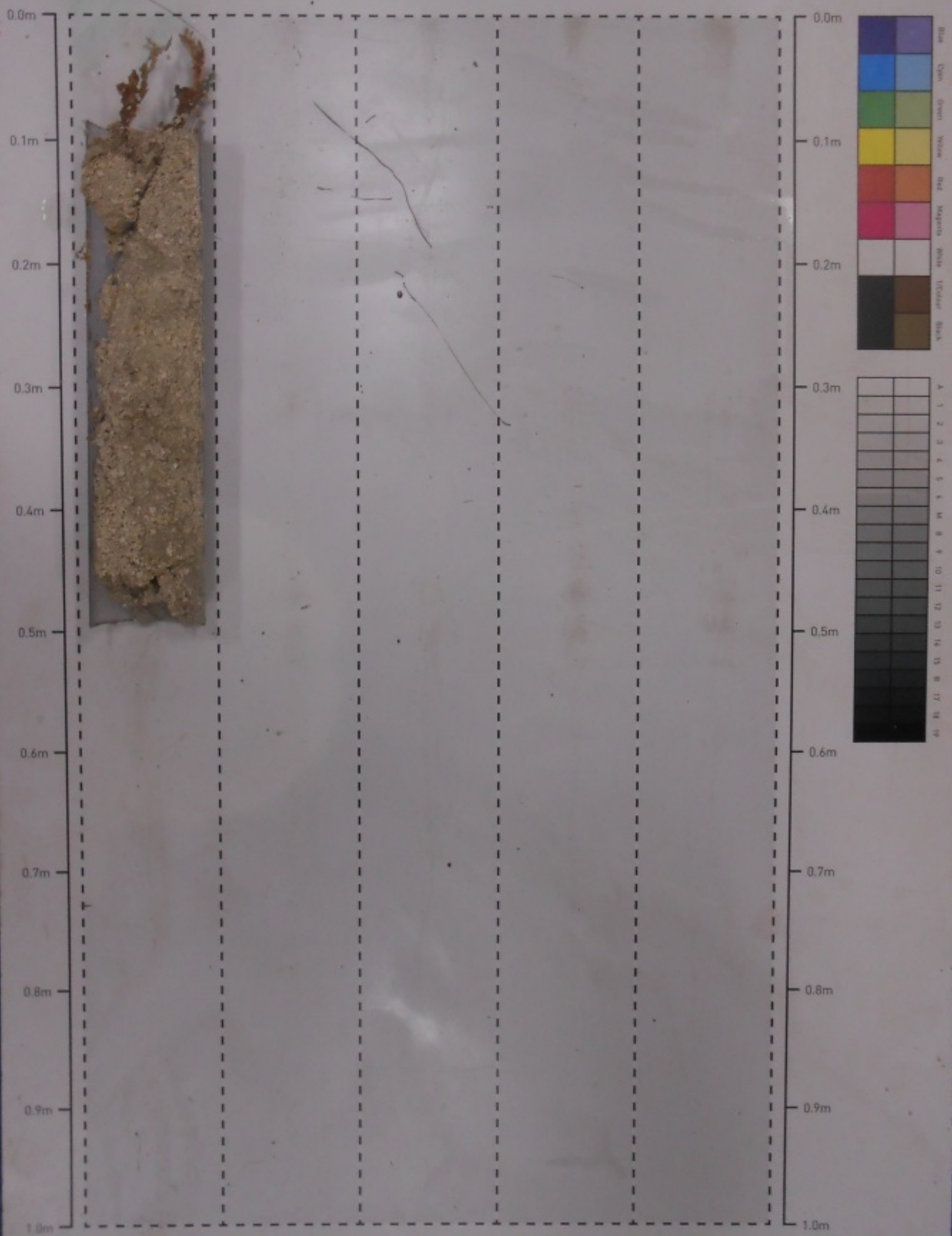
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LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL_OE_PC006
DATE: 19/11/2016



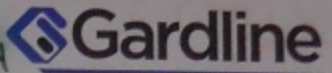
Gardline Geosciences
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Norfolk NR31 0NN
Tel: +44 (0) 1493 845600
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FROM 0.00m FROM FROM FROM
TO 0.38m TO TO TO TO



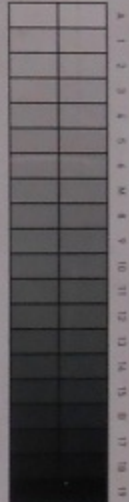
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DATE: 19/11/2016



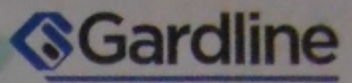
Gardline Geosciences
1 Hewett Park
Hewett Road
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Norfolk NR31 0NN
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FROM 0.00m FROM FROM FROM
TO 0.70m TO TO TO TO



CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-P0007
DATE: 19/11/2016



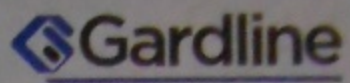
Gardline Geosciences
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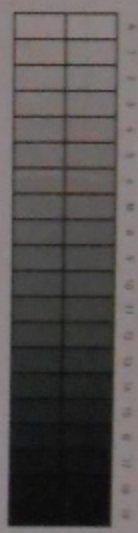
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DATE: 18/11/2016



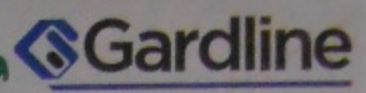
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FROM 0.00m FROM FROM FROM FROM
TO 0.49m TO TO TO TO TO



CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL_OE_P0008A
DATE: 18/11/2016



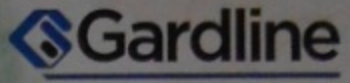
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FROM 0.00m FROM 0.60m FROM FROM FROM
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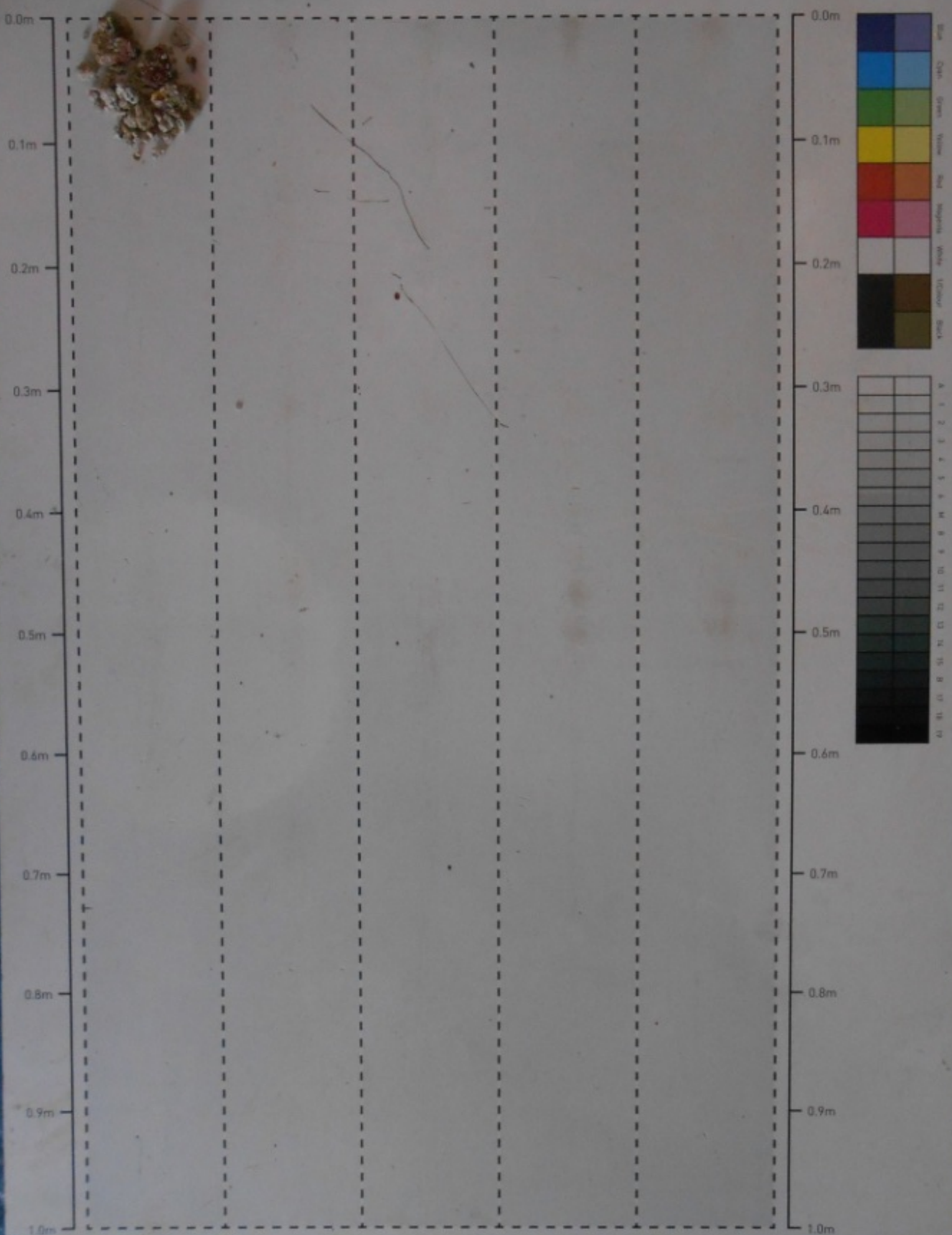
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BOREHOLE NO: SALS_FTL-OE-P0009
DATE: 20/11/2016



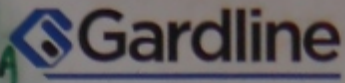
Gardline Geosciences
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Great Yarmouth
Norfolk NR31 0NN
Tel: +44 (0) 1493 845600
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FROM 0.00m FROM FROM FROM
TO 0.05m TO TO TO TO



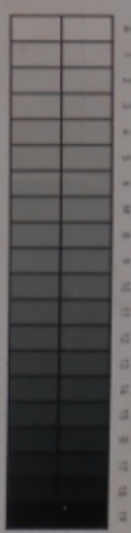
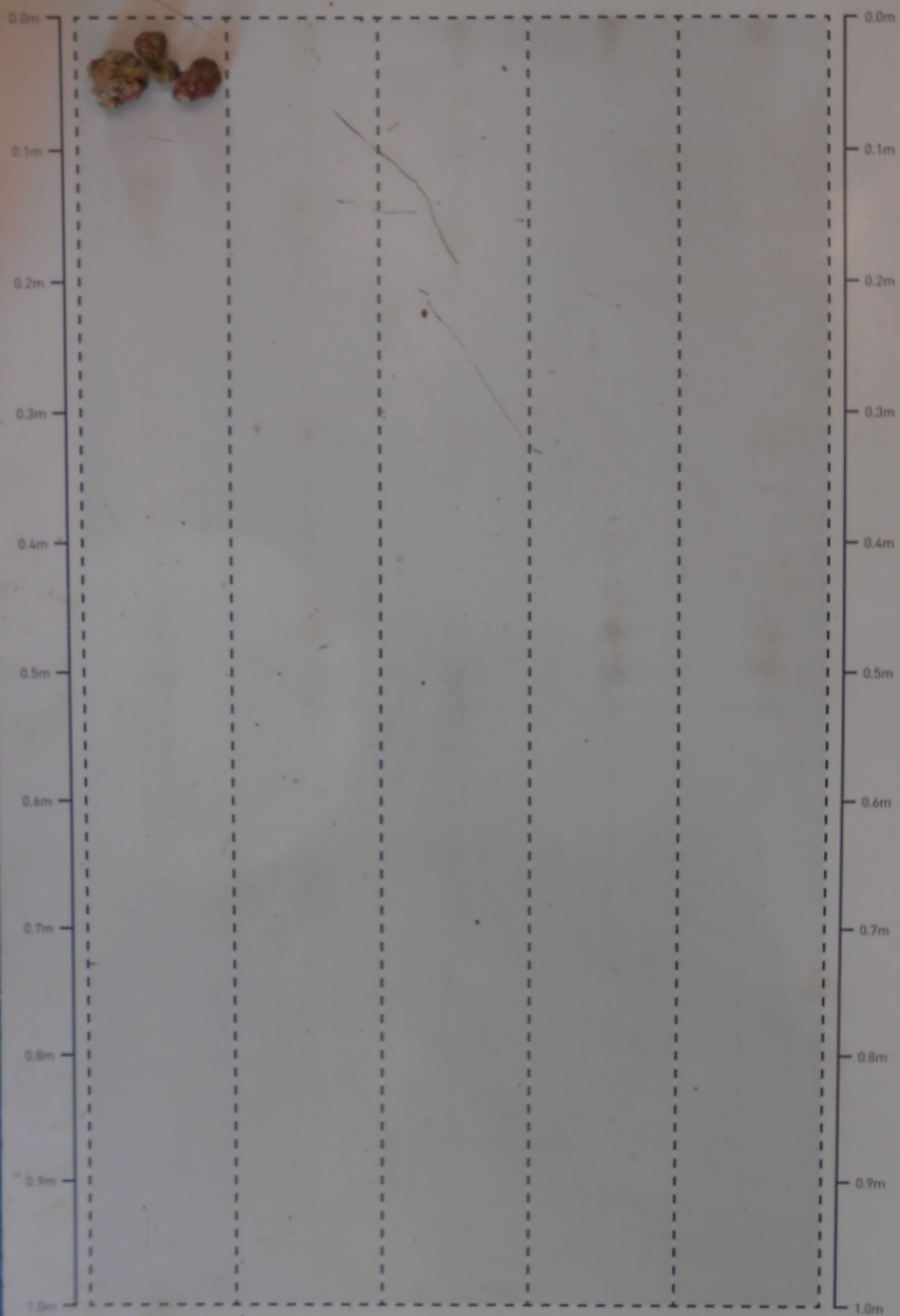
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DATE: 20/11/2016



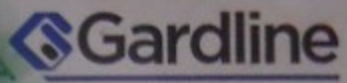
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Norfolk NR31 0NN
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FROM TO FROM TO FROM TO FROM TO FROM TO



CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-PC010A
DATE: 20/11/2016



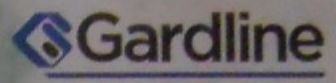
Gardline Geosciences
1 Hewett Park
Hewett Road
Great Yarmouth
Norfolk NR31 0NN
Tel: +44 (0) 1493 845600
www.gardlinegeosciences.com

FROM 0.00m FROM FROM FROM
TO 0.92m TO TO TO TO



CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-PC011
DATE: 21/11/2016



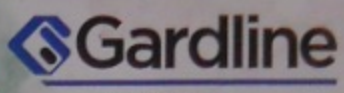
Gardline Geosciences
1 Howett Park
Howett Road
Great Yarmouth
Norfolk NR21 0NH
Tel: +44 (0) 1493 845400
www.gardlinegeosciences.com

FROM 0.00m FROM 1.00m FROM FROM FROM
TO 1.00m TO 1.52m TO TO TO TO



CLIENT: NEC
LOCATION: FORTALEZA

CONTRACT NO: 10817
BOREHOLE NO: SALS_FTL-OE-PC012
DATE: 21/11/2016



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FROM 0.00m FROM 1.00m FROM FROM FROM
TO 1.00m TO 1.65m TO TO TO TO

0.0m
0.1m
0.2m
0.3m
0.4m
0.5m
0.6m
0.7m
0.8m
0.9m
1.0m



0.0m
0.1m
0.2m
0.3m
0.4m
0.5m
0.6m
0.7m
0.8m
0.9m
1.0m

