

Supplementary material

S1 Table. Sampling stations from the oceanographic cruise at SEAL (Sergipe-Alagoas) sedimentary basin, carried out in May 2014 on board the Research Vessel Seward Johnson.

St #	Latitude (°S)	Longitude (°W)	Depth (m)	MW ¹	TW ²	Sampling Depths (m)			
						SACW ³	AAIW ⁴	AAIW/UNADW	UNADW ⁵
1	10.164937	36.024297	24		5				
2	10.233732	35.931085	39		5/20				
3	10.257768	35.897610	446		5/20	250			
4	10.285040	35.859687	1220		5/20	250	750		
8	10.564627	35.475918	3344		5/20	250	700/1250	1650	
10	10.805872	35.148087	3927		4/20	250	800	1249	1649
14	11.448163	34.272912	4595		5/20	202	698	1502	1851
18	12.090830	33.397153	4928		6/19	252	706	1260	1667
19	12.442687	33.958497	4367		5/20	251	603	1248	1699
23	11.781593	34.819570	4396		6/20	252	705	1262	1666
27	11.203050	35.573130	3766		5/20	251	800	1250	1598
29	11.037793	35.789178	3203		4/20	250	705	1252	1899
33	10.746067	36.163010	1320		5/19	255	752		
35	10.691080	36.292798	803		4/21	249			
36	10.635937	36.324763	556	4	20				
37	10.605006	36.349031	115		4/20				
38	10.584537	36.374618	43		4				
39	11.022943	36.960122	25		5				
40	11.062420	36.905630	33		4/19				
41	11.123590	36.820557	76		4/20				
42	11.142080	36.795572	710		6/20	250	696		
43	11.181997	36.740745	1725		5/20	250	749	1400	
47	11.421587	36.411888	2944		5/20	251	748	1200	1797
49	11.581918	36.192587	3434		5/20	251	601	1298	1749
53	12.220437	35.314782	4294		4/20	250	801	1300	1398
57	12.860103	34.436907	4412		4/20	251	598	1249	1799
58	13.394537	34.953915	4445		4/20	251	650	1350	1800
62	12.735687	35.816277	4274		4/20	250	651	1249	1650
68	11.911330	36.894945	2890		5/20	299	648	999	1747
72	11.705190	37.164422	1664		4/20	251	750	1245	
73	11.664335	37.219072	575		5/20	252			
74	11.642807	37.248640	73		5/19				
75	11.602578	37.299873	35		4				

St#: station identification number; Latitude/Longitude: geographical positions (Geographic Coordinates in decimal degrees, Datum SIRGAS 2000); Depth: location true depths; and Sampling depths per each water mass: ¹ Mixture Water; ² Tropical Water; ³ South Atlantic Central Water; ⁴ Antarctic Intermediate Water; ⁵ Upper North Atlantic Deep Water.