

Table 1 Physico-chemical parameters of the study stations

# Station/depth	Temperature (°C)	Salinity(psu)	Dissolved Oxygen (µM)	Organic Carbon (%)	Calcium Carbonate (%)
1 (500 m)	12.4	35.18	1.3	4.30	53.8
2 (650 m)	11.84	35.20	0.5	-	-
3 (700 m)	10.59	35.14	1.0	-	-
4 (799 m)	10.36	35.12	1.2	5.66	49.7
5 (800 m)	9.86	35.09	3.0	3.11	67.4
6 (900 m)	9.24	35.02	6.2	2.18	-
7 (1100 m)	7.78	34.88	12.3	3.15	46.8
8 (H1100 m)	7.8	34.90	15.2	1.88	51.2
9 (1956 m)	3.24	34.66	97.2	0.78	46.5