

Table 1. Dissolved gas chemical concentrations in seawater samples (bdl = below detection limit).

Dissolved gas chemical concentration (ccSTP/l)				
Site ID	O₂	N₂	CH₄	CO₂
Site 1	4.87	9.91	7.71E-05	0.68
Site 2	5.05	8.83	7.06E-05	0.51
Site 4	3.63	6.90	5.49E-05	0.45
Site 5	4.36	8.05	5.49E-05	0.47
Site 6	3.41	6.60	4.79E-05	0.44
Site 8	5.26	9.92	7.85E-05	0.49
Site 9	4.51	8.64	5.49E-05	0.46
Site 10	4.86	9.18	5.59E-05	0.47
Site 11	3.80	7.01	4.88E-05	0.44
Site 13	4.15	7.56	bdl	0.43
Site MH9	4.80	9.39	5.79E-05	0.48
Marcan 2a	0.15	9.61	1.09E-03	1.02
Marcan 2b	0.37	9.53	1.86E-03	0.66
Marcan 3	0.96	8.89	2.10E-04	0.58
Marcan 5	0.12	9	1.29E-03	0.5
Marcan 6	0.3	0.91	bdl	0.03
Marcan 7	4	9.68	2.35E-04	0.44
Marcan 8	3.29	8.1	1.61E-03	0.56
Marcan 9	1.99	9.83	9.36E-04	0.66
Marcan 10	1.02	9.67	8.34E-04	0.7
Marcan 11	0.34	9.76	1.42E-03	1.14
Marcan 12	1.56	10.6	1.63E-03	0.54
Marcan 13	0.28	8.51	2.11E-03	0.81
Marcan 14	0.21	9.15	1.84E-03	0.59

Table 2. Dissolved gas chemical concentrations in terrestrial groundwater samples (bdl = below detection limit).

Site ID	Site Name	Dissolved gas chemical concentration (ccSTP/l)					
		Ne	O ₂	N ₂	CO	CH ₄	CO ₂
M1	Ta' Kandja Galleries	2.21E-04	3.92	8.91	bdl	bdl	5.79
M2	Ta' Kandja	1.87E-04	4.05	9.81	1.30E-04	bdl	4.48
M3	Fulija	2.62E-04	3.48	12.1	bdl	bdl	9.55
M4	St Agatha	bdl	4.96	9.91	1.70E-04	bdl	2.69
M5	Mizieb	bdl	5.21	10.81	4.80E-05	bdl	7.52
M6	Bingemma PS	1.90E-04	5.47	10.99	5.10E-04	bdl	6.84
M7	Mgarr	1.70E-04	2.22	12.99	bdl	4.70E-03	10.78
M8	Macedonia	bdl	6.33	13.42	2.30E-05	bdl	3.36
M9	Wied il-Ghasel PS	bdl	4.74	11.95	bdl	bdl	3.63
M10	Tal-Prepostu	bdl	4.7	12.84	bdl	bdl	5.07
M11	Paci	2.62E-04	6.44	16.48	bdl	bdl	5.65
M12	Girgenti	bdl	4.91	12.1	3.20E-05	bdl	2.61
M13	Hlas PS	2.27E-04	3.96	10.02	bdl	bdl	6.56
M14	Wied il-Kbir PS	bdl	4	12.77	bdl	9.20E-04	8.47
G1	Nadur Road (Palma)	bdl	5.98	16.09	bdl	bdl	3.84
G2	Qala Road	bdl	8.08	24.22	1.90E-04	bdl	4.5
G3	Lambert	2.78E-04	7.24	20.33	2.20E-05	bdl	4.8
G4	Sannat 2	1.93E-04	5.36	13.19	6.30E-05	bdl	6.2