

Appendix 1. Lead isotope ratios in core T3 and T8.

Core T3						
Isotope Ratios	$^{208}\text{Pb}/^{204}\text{Pb}$	$^{207}\text{Pb}/^{204}\text{Pb}$	$^{206}\text{Pb}/^{204}\text{Pb}$	$^{206}\text{Pb}/^{207}\text{Pb}$	$^{207}\text{Pb}/^{206}\text{Pb}$	$^{208}\text{Pb}/^{206}\text{Pb}$
1	38.60	15.52	18.26	1.18	0.8499	2.1139
5	38.89	15.54	18.06	1.16	0.8605	2.1534
9	38.63	15.56	17.96	1.15	0.8664	2.1509
13	38.61	15.60	18.11	1.16	0.8614	2.1320
17	39.15	15.50	18.19	1.17	0.8521	2.1523
21	39.68	15.91	18.63	1.17	0.8540	2.1299
25	38.99	15.65	18.35	1.17	0.8529	2.1248
29	38.50	15.53	18.25	1.18	0.8510	2.1096
33	37.97	15.57	17.84	1.15	0.8728	2.1284
37	38.37	15.51	18.07	1.17	0.8583	2.1234
41	38.72	15.62	18.05	1.16	0.8654	2.1452
45	39.19	15.58	18.41	1.18	0.8463	2.1287
49	39.15	15.69	18.42	1.17	0.8518	2.1254
53	39.45	15.61	18.67	1.20	0.8361	2.1130
57	38.79	15.66	18.62	1.19	0.8410	2.0832
61	38.75	15.55	18.62	1.20	0.8351	2.0811
65	38.42	15.46	18.11	1.17	0.8537	2.1215
69	38.70	15.54	18.55	1.19	0.8377	2.0863
81	38.25	15.36	18.22	1.19	0.8430	2.0993
97	38.07	15.33	18.43	1.20	0.8318	2.0657
145	39.52	15.59	18.75	1.20	0.8315	2.1077
197	39.36	15.49	18.61	1.20	0.8323	2.1150
Core T8						
Isotope Ratios	$^{208}\text{Pb}/^{204}\text{Pb}$	$^{207}\text{Pb}/^{204}\text{Pb}$	$^{206}\text{Pb}/^{204}\text{Pb}$	$^{206}\text{Pb}/^{207}\text{Pb}$	$^{207}\text{Pb}/^{206}\text{Pb}$	$^{208}\text{Pb}/^{206}\text{Pb}$
1	37.61	15.47	17.97	1.16	0.8609	2.0929
5	38.07	15.49	17.93	1.16	0.8639	2.1233
13	37.92	15.50	18.02	1.16	0.8602	2.1043
17	38.04	15.51	17.99	1.16	0.8621	2.1145
21	37.62	15.42	17.96	1.16	0.8586	2.0947
25	37.39	15.52	17.85	1.15	0.8695	2.0947
29	37.58	15.41	17.81	1.16	0.8652	2.1101
33	37.80	15.45	18.01	1.17	0.8579	2.0988
37	38.01	15.54	18.09	1.16	0.8590	2.1012
41	37.43	15.37	17.97	1.17	0.8553	2.0829
49	37.46	15.49	17.96	1.16	0.8625	2.0857
53	37.90	15.44	17.81	1.15	0.8669	2.1280
57	37.78	15.75	18.01	1.14	0.8745	2.0977
61	38.19	15.54	18.12	1.17	0.8576	2.1076
65	38.60	15.68	18.27	1.17	0.8582	2.1128
69	38.34	15.55	18.24	1.17	0.8525	2.1020
81	38.89	15.69	18.47	1.18	0.8495	2.1056
97	38.71	15.65	18.52	1.18	0.8450	2.0902
145	39.14	15.62	18.68	1.20	0.8362	2.0953
197	39.27	15.69	18.75	1.20	0.8368	2.0944

From: Baptista Filho, L.S., Baptista Neto, J.A., Alves Martins, M.V., Geraldes, M.C., 2019. Sources of pollutants in the Northern/Northeast area of Guanabara Bay (SE, Brazil) since the late nineteenth century using lead isotopes and metals concentrations. *Journal of Sedimentary Environments*, 4 (3): 332-349. <https://doi.org/10.12957/jse.2019.45786>