

Table 2 Comparison between erosion and accretion profiles (W_R and E_B) and between erosion and accretion sites within the same profile (E_R, W_B, W_S and E_S) according to the averages of ²²⁶Ra, ²³²Th and ⁴⁰K concentrations (Bq/kg) of the main erosion and accretion sites within the profiles. west of Rosetta (W_R), East of Rosetta (E_R), West of El-Burullus (W_B), East of El-Burullus (E_B), West of Ras El-Bar (W_S) and East of Ras El-Bar (E_S) during 2008

	W_R		E_B		E_R		W_B		W_S		E_S	
	Erosion	Accretion	Erosion	Accretion	Erosion	Accretion	Erosion	Accretion	Erosion	Accretion	Erosion	Accretion
²²⁶ Ra	31.17	> 18.13	14.75	< 23.68	28.00	> 17.67	37.92	> 23.67	23.75	> 18.83		
²³² Th	30.44	> 18.80	23.85	> 20.50	20.55	> 20.30	41.60	> 27.92	27.97	> 18.48		
⁴⁰ K	240.48	< 298.34	284.20	> 170.25	358.25	> 329.70	202.75	< 230.95	337.85	< 340.25		