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Heavy metals contamination in the coastal area between Burg EL-Burullus and Baltim, Northern Nile Delta, Egypt

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Abstract : The present work for study the pollution of the coastal area between Burg EL-Burullus and Baltim. Where, the heavy metals pollution determined for the beaches and sand dunes sediments. Sr, Zn, Pb, Mn, As, Ce, Ni, Cr, Zr, Mn, Cu, Ga, Y, Nb, Rb, Hf, W and Co analyses by X-ray fluorescence (XRF). The degree of contamination, modified degree of contamination and ecological potential risk factor indicated that the shorelines and backshore are high polluted than the sand dunes.

Keywords: Heavy metals, coastal area, Burg EL-Burullus, Baltim, Northern Nile Delta, Egypt.

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