

## Supplementary Material (SM)

## Phosphorus Speciation and Heavy Metal Levels in Ogun River Sediments at Different Anthropogenic Locations in Abeokuta, Ogun State

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### SM 1 Correlation of species of phosphorus

	loosely bound P ( $\mu\text{g P g}^{-1}$ )	Fe bound P ( $\mu\text{g P g}^{-1}$ )	Authigenic + biogenic apatite+CaCO <sub>3</sub> bound P ( $\mu\text{g P g}^{-1}$ )	detrital apatite and other inorganic P ( $\mu\text{g P g}^{-1}$ )	organic P ( $\mu\text{g P g}^{-1}$ )
Fe bound P ( $\mu\text{g P g}^{-1}$ )	0.307				
Authigenic + biogenic apatite+CaCO <sub>3</sub> bound P ( $\mu\text{g P g}^{-1}$ )	0.393	0.415			
detrital apatite and other inorganic P ( $\mu\text{g P g}^{-1}$ )	0.625*	0.643*	0.567		
organic P ( $\mu\text{g P g}^{-1}$ )	0.400	0.150	0.545	0.183	
Inorganic P ( $\mu\text{g P g}^{-1}$ )	0.567	0.794**	0.807**	0.895	0.369

\*, \*\* significant at 5% and 1% level of probability