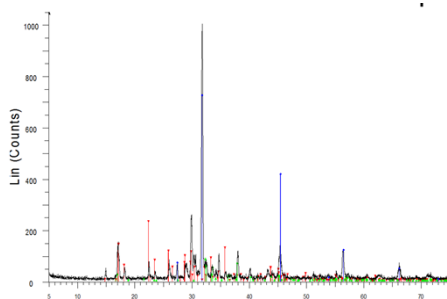


Electronic Supplementary Information



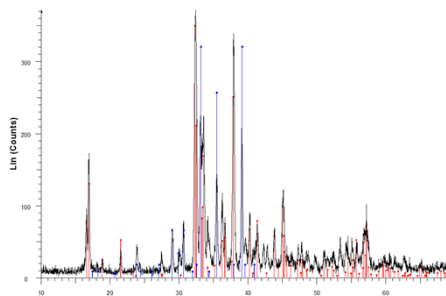
Concentrations:

NaBr(H₂O)₂ Sodium Bromide Hydrate

Na₂CO₃H₂O Thermonatrite

NaCl Sodium Chloride

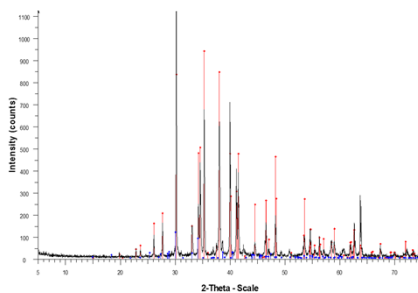
Figure S1: XRD of end products of CCl₃Br remediation process.



Concentrations:

Na₂CO₃H₂O Thermonatrite

Figure S2: XRD of end products of xylene remediation reaction.



Concentrations:

Na₂CO₃H₂O Thermonatrite

Figure S3: XRD of end product in diesel remediation.

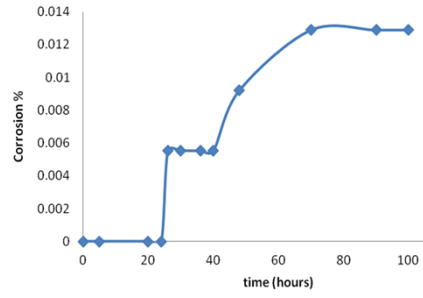


Figure S4: The gravimetric measurement of pipe corrosion in presence of superoxide reagent. Reaction conditions: 1mol sodium hydroxide, 2 mol hydrogen peroxide, 500 ml of water, type of metal test CS 1010, 60gram soil type A, reaction time 100 hours. The corrosion was measured by gravimetric measurements.