

Supplementary Material

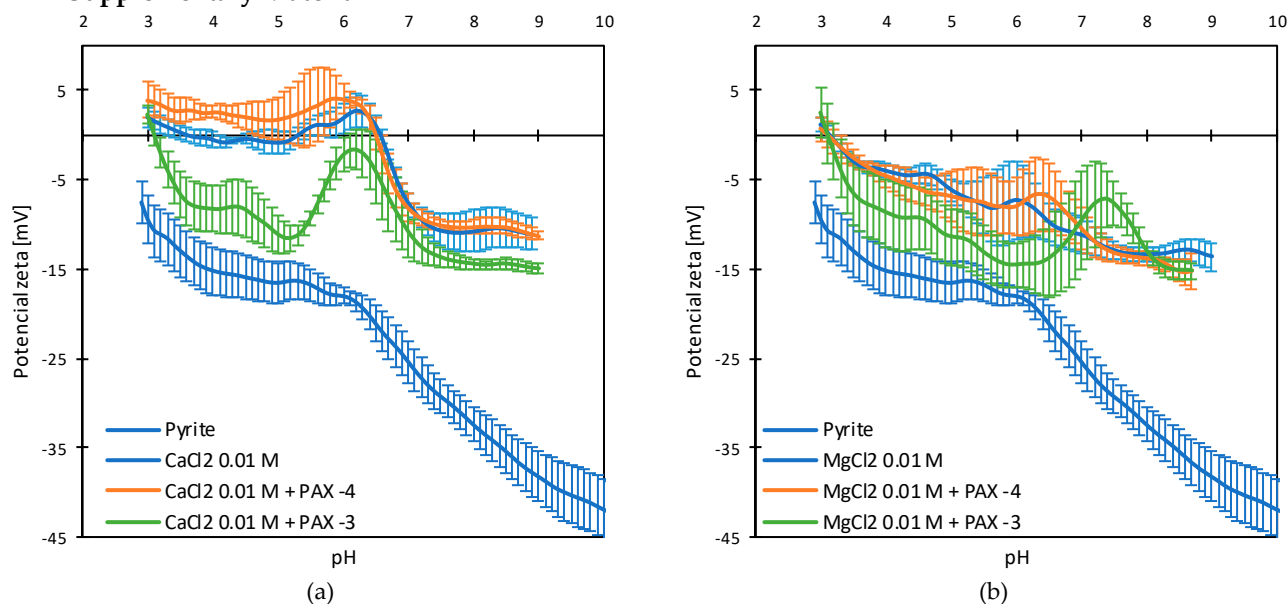


Figure S1. Zeta potential of pyrite as function of pH for fresh water (pyrite) without PAX and 0.01 M CaCl_2 and MgCl_2 solutions at two concentrations of amyl xanthate (PAX) (a) 10^{-4} M (PAX -4) and (b) 10^{-3} M (PAX -3). Method: Zeta potential of pyrite was evaluated by streaming potential method (Stabino, Microtrac) in titration mode, adjusting the pH along the measurements. Surface and solutions preparation and methodology as shown Paredes et al. [1].

Reference

1. Paredes, A.; Acuña, S.M.; Gutiérrez, L.; Toledo, P.G. Zeta potential of pyrite particles in concentrated solutions of monovalent seawater electrolytes and amyl xanthate. *Minerals* **2019**, *9*, 584.



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