

SUPPLEMENTARY MATERIAL

Enhanced levels of technology critical metals in mine waters: the case of the Poderosa sulfide mine (SW Spain)

Carlos Ruiz Cánovas,^{A,C} Francisco Macías,^A Manuel Olías,^A Maria Dolores Basallote,^A
Rafael Pérez-López,^A Carlos Ayora^B and Jose Miguel Nieto^A

^ADepartment of Earth Sciences and Research Center on Natural Resources, Health and the Environment, University of Huelva, Campus 'El Carmen', Fuerzas Armadas s/n, 21071 Huelva, Spain.

^BInstitute of Environmental Assessment and Water Research, CSIC, Jordi Girona 18, 08034 Barcelona, Spain.

^CCorresponding author. Email: carlos.ruiz@dgeo.uhu.es

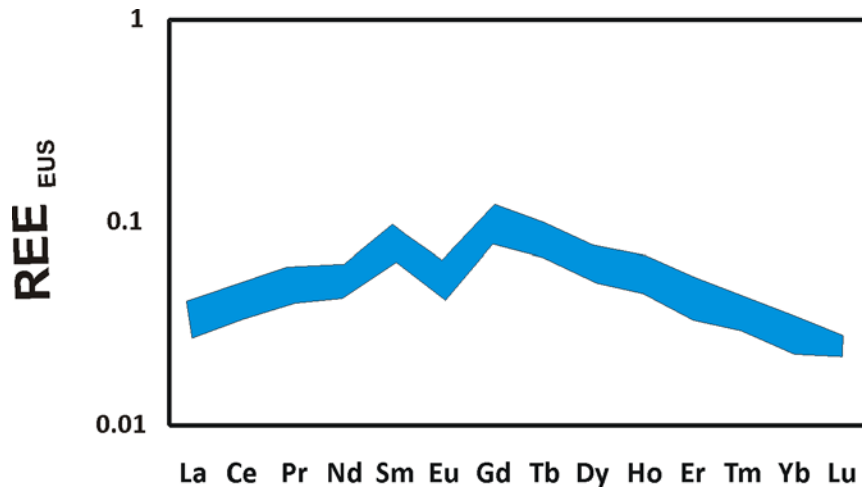


Figure S1. European Shale (EUS) normalized REE pattern of Poderosa mine outflows.

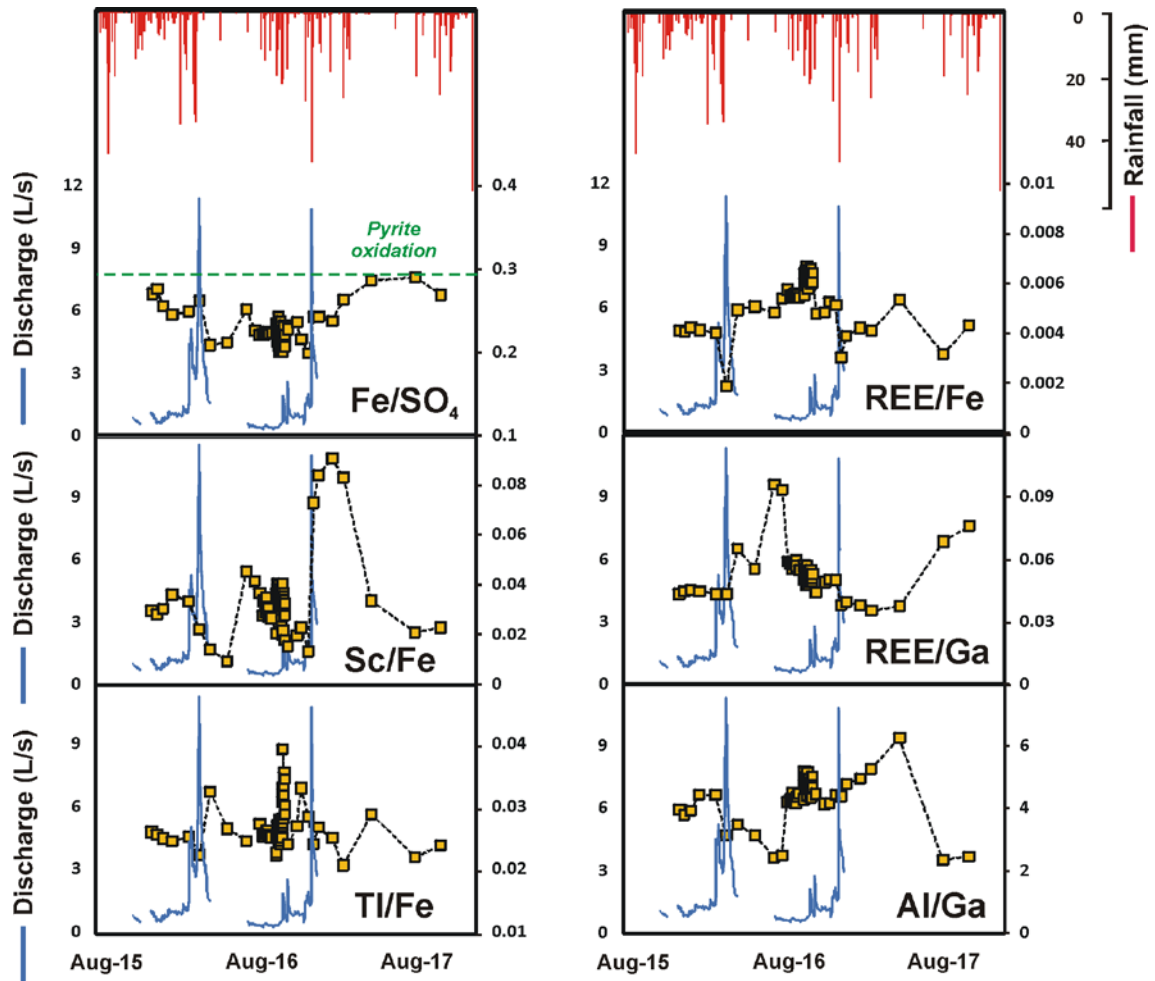


Figure S2. Evolution of different mass ratios in Poderosa outflows (Sc/Fe, REE/Ga, Ti/Fe and Al/Ga should be multiplied by 1000).

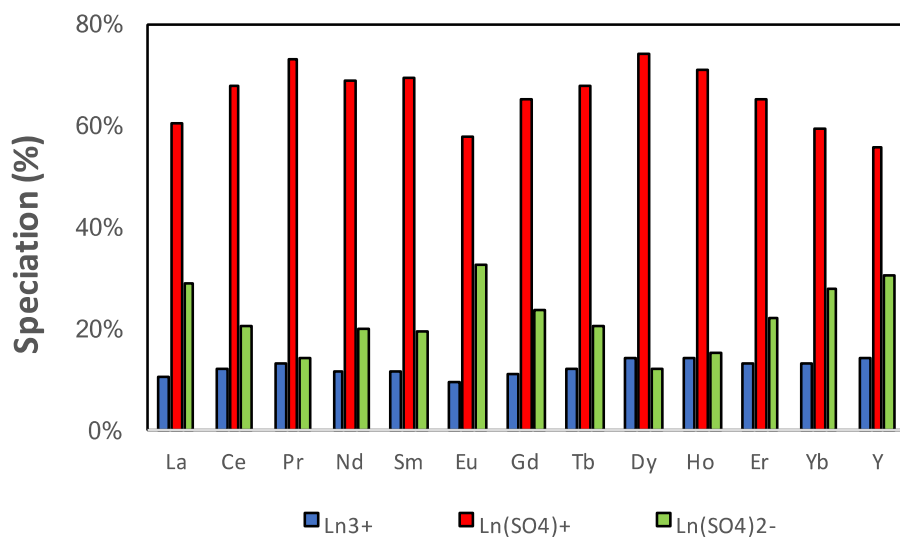


Figure S3. Average values of REE speciation in Poderosa outflows

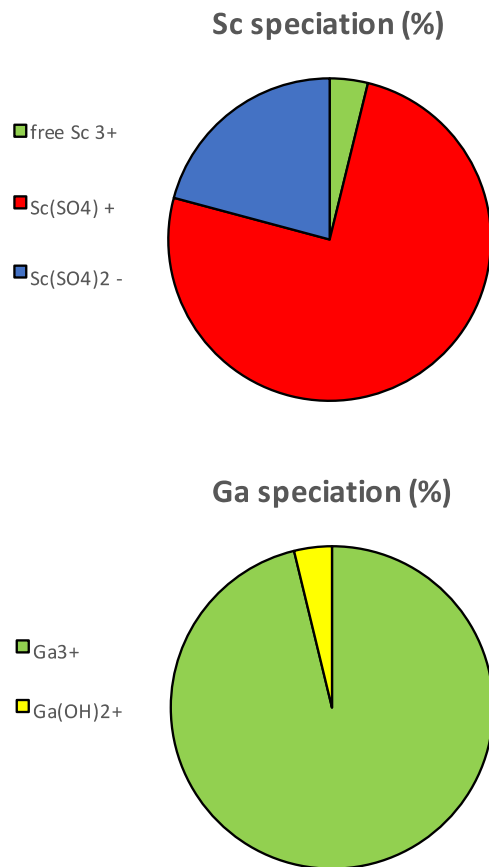


Figure S4. Average values of Ga and Sc speciation in Poderosa outflows