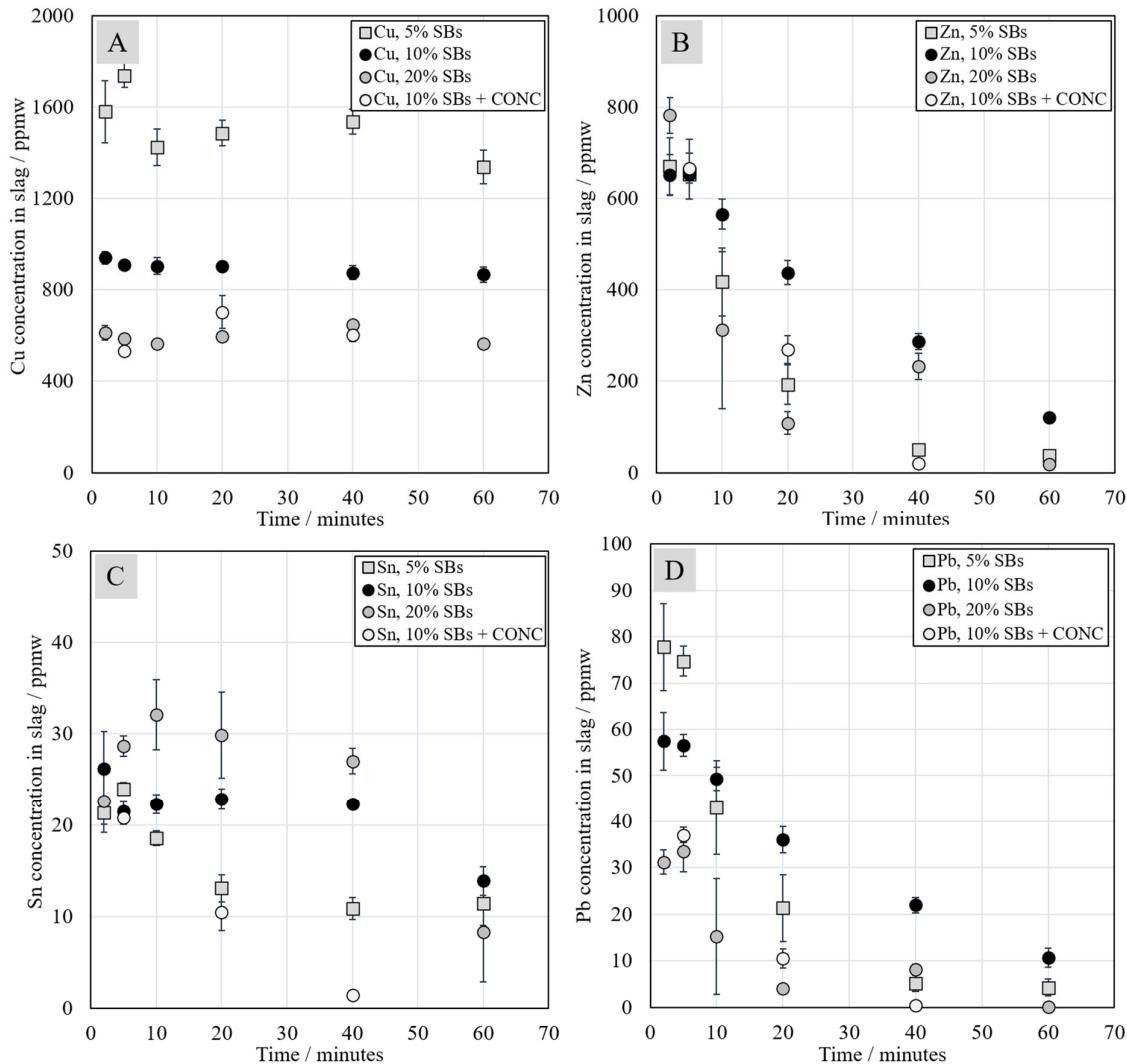
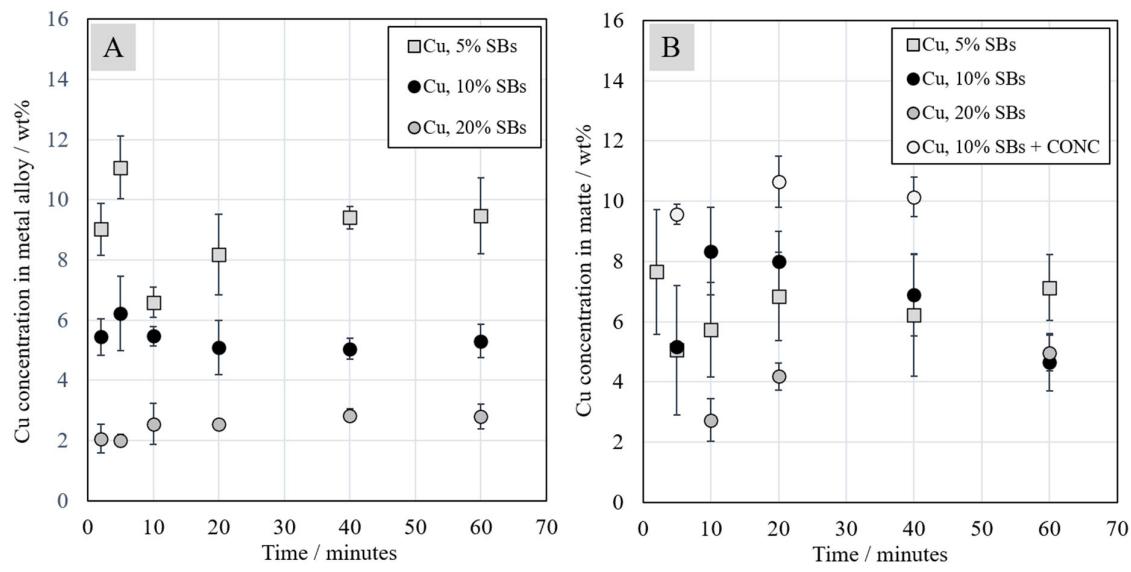


Supplementary Materials for Dańczak, A.; Ruismäki, R.; Rinne, T.; Klemettinen, L.; O'Brien, H.; Taskinen, P.; Jokilaakso, A.; Serna-Guerrero, R. Worth from Waste: Utilizing a Graphite-Rich Fraction from Spent Lithium-Ion Batteries as Alternative Reductant in Nickel Slag Cleaning. *Minerals* **2021**, *11*, x. <https://doi.org/10.3390/xxxxx>



**Figure S1.** Chemical concentrations of Cu (**A**), Zn (**B**), Sn (**C**), and Pb (**D**) in the slags as a function of contact time.



**Figure S2.** Copper concentration in the metal alloy (**A**) and in the matte (**B**) as a function of contact time.