Dear Editor

The present manuscript deals with a novel process for leaching black coppers with the use of iron crap (Fe°) and a pretreatment of agglomerate and curing by adding NaCl. Black coppers are mineral resources that are currently not used by large-scale mining in Chile, and are not incorporated into the leach piles. These minerals have great economic potential because they have high concentrations of Cu and Mn. Furthermore, it is important to note that for the proposed leaching process, industrial iron crap and low concentrations of sulfuric acid are reused, promoting a more environmentally friendly process. In addition, the results are compared when working with iron crap, compared to working with Fe2 +. Finally showing that when working with residues (Fe°) there is a greater dissolution kinetics of Cu and Mn.