

Supplementary Material

EFFICIENCY OF SULFURIC ACID ON SCANDIUM LEACHABILITY FROM BAUXITE RESIDUE[†]

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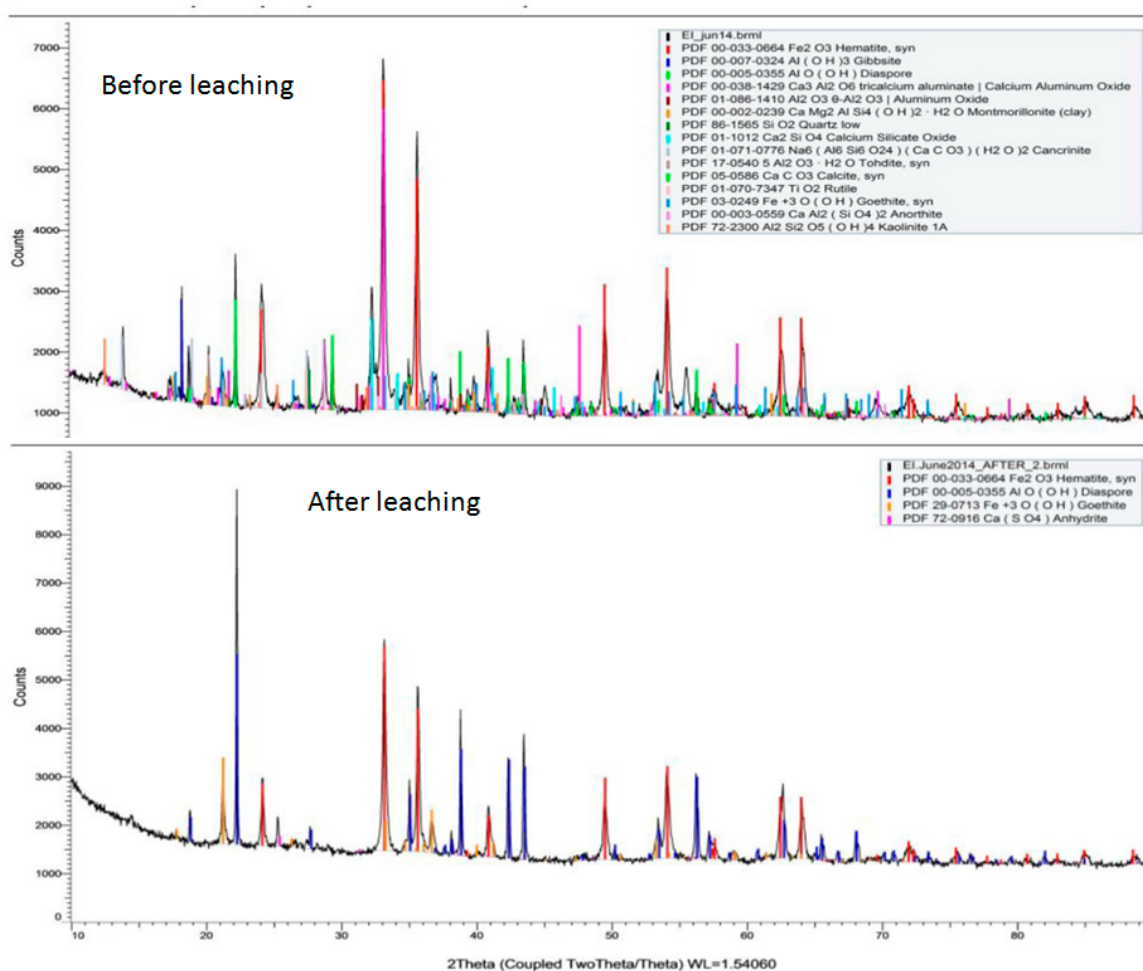


Figure S1. Mineralogical analysis of bauxite residue before and after leaching process with sulfuric acid.

As it is shown in Figure S1, the dominate mineralogical phase before the leaching process is the Hematite (two peaks: $2\theta = 33^\circ$ and $2\theta = 35.5^\circ$). Smaller peaks belong to Gibbsite, Quartz, Tohdite, Cancrinite, Rutile and Kaolinite

After leaching process the dominate phase is Diaspore ($2\theta = 22^\circ$) followed by Hematite. In smaller amounts Goethite and Anhydrite were observed.