Rare Earth Metals Recovery from Bauxite Residue

Bauxite mine in Brazil

Objectives:
- Develop and demonstrate an economically viable process for rare earth recovery from bauxite residue
- Deliverables

Review of current literature

Process classification
Process economics for Sc recovery - Sc(OH)₃

Other Objectives:
- Develop and demonstrate an economically viable process for rare earth recovery from bauxite residue
- Deliverables

Review of current literature

Process classification

Process economics for Sc₂O₃ recovery

Market analysis of Sc

Include other revenue streams – Y, La, Ce

Lab scale optimization of economically feasible process