

RESIDUAL SOIL OF SYENITES ON THE ISLAND SILUET (SEYCHELLES) AS INDICADOR OF RECENT BAUXITE FORMATION

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The residual soil of syenites is developed on substrate that virtually does not contain quartz. The syenite is decomposed down to caolin with segregation of considerable amount of free alumina that is crystallized in form of gibbsite. The caolin formation is not binding phase of gibbsite formation.