

Qualitative Clay Mineral Analysis by EDXRF and XRD

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Abstract

A study of clay is vital in terms of investigating the major clay forming compounds to find out the fate of major, minor and trace elements. XRF shows the chemical compositions of clay where $\text{Fe}(\text{SO}_4)\text{H}_2\text{O}$ and SiO_2 are present in major quality whereas XRD confirms the presence of these minerals in clays. Clay samples were collected from hot springs and grooves near hot springs in Kyaing Tong Region.

Key words: Clay, XRD, XRF

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