

Physico-Chemical Properties Of Residual Soils Of The Kenny Hill Formation In The Shah Alam Area, Selangor

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Abstract: Residual soils of the Kenny Hill formation in the Shah Alam area, Negeri Selangor, have been analysed for their physico-chemical properties. Since the Kenny Hill formation comprises two distinct lithologies, namely phyllite and quartzite, the residual soils derived need to be differentiated accordingly. Test results indicate that the residual soils of phyllite (as compared to quartzite) are characterised by their more clayey nature, higher plasticities and lower compacted densities. In terms of pore fluids chemistry, both types of soils show similar results, namely: slightly acidic pore fluids, low cations and anions contents, and non-dispersive nature.