

Hydrochemical character of groundwater in northwest Peninsular Malaysia

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The groundwater in the northwest region of Peninsular Malaysia generally changes its character from the bicarbonate facies to the chloride facies. The change occurs as water flows down the hydraulic gradient. The zonation of each facies depends on the chemistry of the environment within the locality of the flow. The distribution of the facies changes with season. The pattern of distribution for the dry season slightly differ from that of the wet season in that the chloride zone appear to have broadened landward.

The hydrochemical data can also be plotted in many different ways. From them one can gather the general pattern of changes of various major cations and anions with respect to groundwater movement.
