



Fig. 3. A modified chemical classification and nomenclature of volcanic rocks and magmas using the total alkali versus silica (TAS) diagram (mainly after Le Bas et al., 1986, fig. 2). Note the trachydacite field between trachyte, dacite and rhyolite. The sodalites, nephelinoliths, leucitoliths and silexites are outside the main sequence of volcanic rocks.