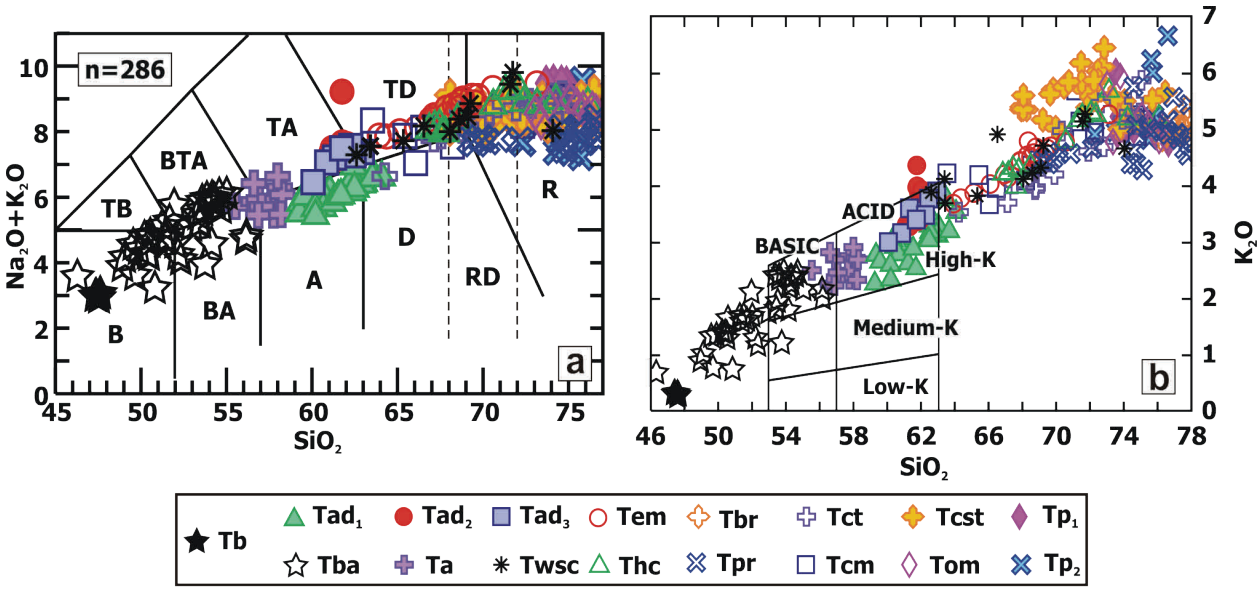

Figure 5. **(a)** Volcanic rock classification based on total alkalies vs. silica (LeBas and others, 1986). Notice the complete compositional spectrum from basalt through rhyolite defined by SC units. B, basalt; TB, trachybasalt; BA, basaltic andesite; BTA, basaltic trachyandesite; A, andesite; TA, trachyandesite; D, dacite; TD, trachydacite; RD, rhyodacite; R, rhyolite. **(b)** Plot of K_2O vs SiO_2 (wt%) illustrating andesite types of Gill (1981). Symbol key shown below is used for all other chemical plots reported in this study.