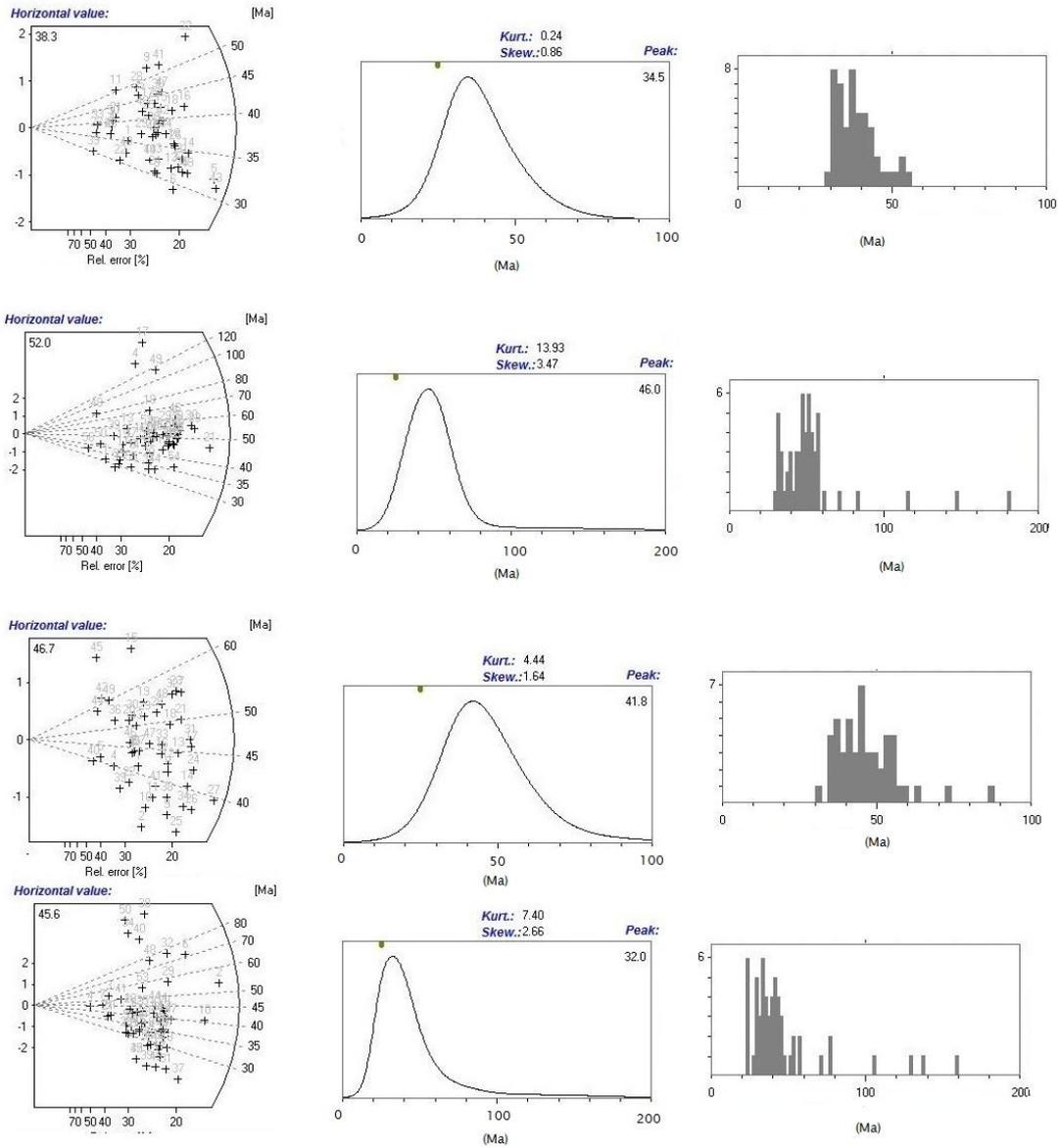


Fig.1. Simplified tectonic map of Nagaland and its surrounding areas (Modified by Nilan Chatterjee, 2014)



Figs. 2 a,b,c. Detrital zircon fission-track radial plots and single-grain age and decomposed age distributions for the northeastern Barail formation; the black crosses represent single-grain ages, gray dashed lines are the curves of observed grain age distributions, and bold lines are the curves of binomial best fit peaks; peak fitting follows Galbraith and Green (1990) and Brandon (1996) using BINOMFIT (Brandon, 1992).

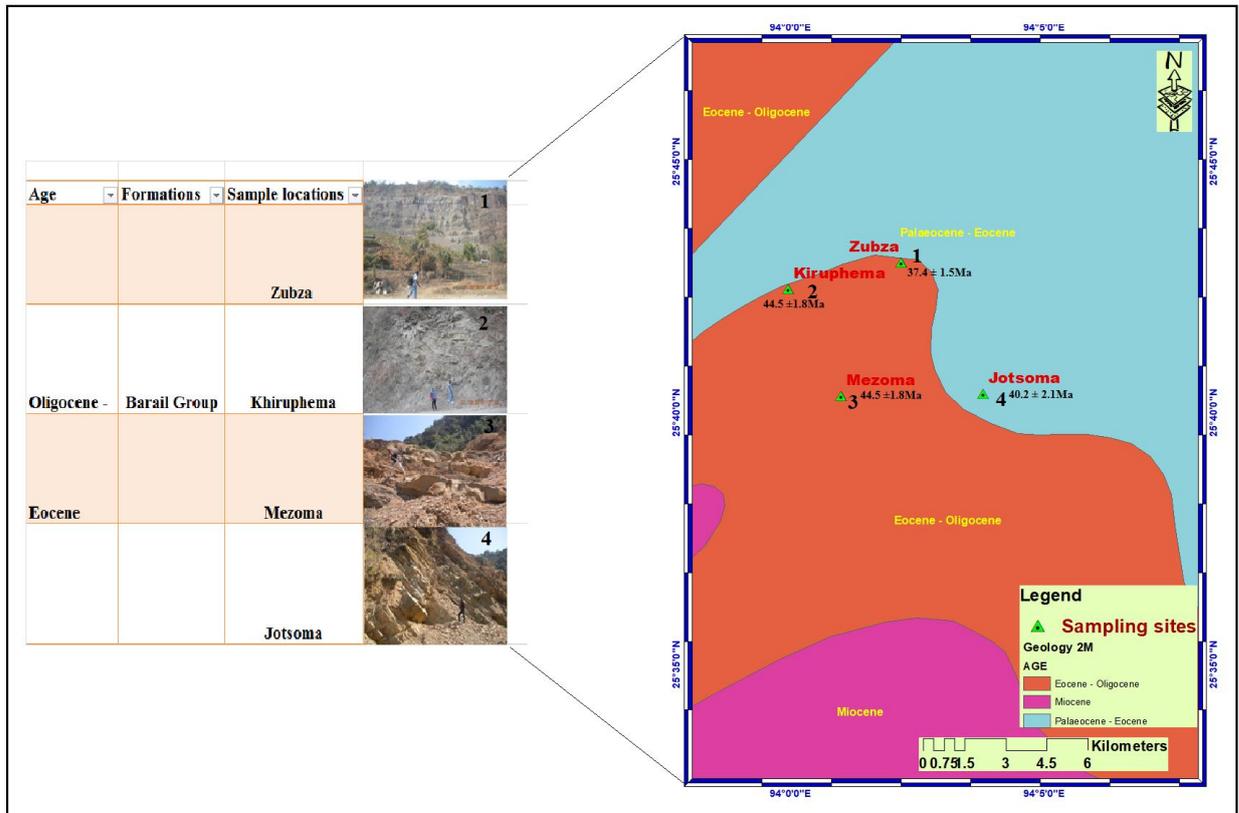


Fig. 3. Geological Map of the Nagaland showing evidence of rejuvenation or initiation of tectonic activity at ~35–50 Ma.