



**AFM diagram of tholeiitic and calc-alkaline suites
(Irvine & Baragar 1971)**

A= $\text{Na}_2\text{O}+\text{K}_2\text{O}$; F= $\text{FeO}+0.8998\text{Fe}_2\text{O}_3$; M= MgO (in wt%)