

PETROLOGY OF THE PLIOCENE VOLCANICS AROUND MUŞ, ANATOLIA

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ABSTRACT— This study has been carried out in the Muş region in southeast Anatolia. It covers particularly the petrography and geochemistry of the Pliocene aged volcanics in the region. In general volcanics are observed as plateau lavas having all properties of alkaline volcanism. Sometimes peralkaline and tholeiitic volcanism can also be observed together with these alkaline volcanics. The major and trace elements of the volcanics show that they are indicative of an intracontinent. The radiometric datings showed that the volcanism which gave the first products of neomagmatism started in the Early Pliocene.