

DISTRIBUTION AND CHARACTERISTICS OF THE UPPER CRETACEOUS-TERTIARY AGED SMECTITES AROUND BURDUR

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ABSTRACT.- Clay fraction is extracted and clay minerals are examined in Upper Cretaceous-Tertiary aged sediments around of Burdur Lake. illite, chlorite, smectite and 14s-14_c mixed layer are identified. Major element analyses made and structural formulas are calculated belonging to monomineralic smectites. According to these results the present day minerals are octahedral (beidellite) and trioctahedral (Al-Fe saponite).