

SHORT COMMUNICATIONS

ELEMENTAL COMPOSITION OF SOUTHEASTERN ANATOLIA ASPHALTITES (TURKEY) AS A FUNCTION OF PARTICLE SIZE

C. HAMAMCI^{*1} (candanh@dicle.edu.tr), M. Z. DÜZ^{*1}
A. SAYDUT^{*2}, M. MERDIVAN^{*1}

^{*1} Department of Chemistry,
Faculty of Science and Art, Dicle University
21280 Diyarbakır, Turkey

^{*2} Department of Mining Engineering,
Faculty of Engineering and Architecture, Dicle University
21280 Diyarbakır, Turkey

Elemental composition of asphaltites from Southeastern Anatolia was determined after grinding the samples and separating particles obtained into fractions by sieving. The total content of carbon, hydrogen, nitrogen and sulfur was highest in Halbur asphaltite where they were present over a wide size range (from 125 to 600 μm). The content of nitrogen, the least element in asphaltites, did not depend on grain size, whereas the carbon and sulfur concentrations increased with increasing size.