

SEDIMENTOLOGY OF THE MIOCENE GÜLEKDAĞ CARBONATE SEQUENCE, SOUTH OF POZANTI  
(ADANA - TURKEY)

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ABSTRACT.— The investigated area covers the vicinity of Gülekdağ which is in the NE of Adana province and approximately in the south of Pozanti town. An attempt has been made to determine six microfacies of Gülekdağ limestones using field and laboratory methods. The microfacies determined by the evaluation of the data obtained as a result of the implementation of factor analysis have been classified as wackestone, packstone, grain supported packstone, boundstone, algae packstone with foraminifera and algae sub-packstone with foraminifera. Sedimentary environment emphasizes the shallow but oxygenated, alimented and illuminated neritical environment which secures the living and reproductive conditions of living beings.