



## **Microfacies and depositional environment of the Paleocene-Eocene Jahrum Formation (SW Iran)**

Zohreh Noormohammadi (1) and Hossein Vazirimoghadam (2)

(1) Department of Earth Sciences, Esfan University, Esfahan, Iran (z\_noormohammadi@yahoo.com), (2) Department of Earth Sciences, Esfan University, Esfahan, Iran (avaziri730@yahoo.co.uk)

The Jahrum Formation a thick carbonate succession of the Paleocene-Eocene in Zagros Mountains (south west Iran), has been studied to determine its microfacies and paleoenvironments. Detailed petrographic analysis of the deposits led to the recognition, four major depositional environments were identified in the Jahrum Formation. These include tidal flat, lagoon, barrier and open marine environmental setting and are interpreted as a carbonate platform developed in a homoclinal ramp situation.