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Hydrocarbon source potential of the Proterozoic Sirban Limestone Formation, NW Himalaya, Jammu

Naveen Hakhoo ☑, Bindra Thusu, Devleena Mani, Ghulam M. Bhat, Jonathan Craig, Juergen Thurow,

Mateen Hafiz, Sudeep Kanungo, Sumita Koul & Waquar Ahmed

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Abstract

The Proterozoic Sirban Limestone Formation (SLFm) crops out as detached allochthons in the northwest Himalaya (Jammu region, India) and has its coeval equivalents laterally disposed in the west in Salt Range, in the northwest in Abbotabad (Pakistan) and in southeast in Himachal Pradesh (India). The oil and gas occurrences have been reported from the Proterozoic successions globally and the hydrocarbon potential of the SLFm cannot be ruled out.