

Comparative Strain Analyses in the Lower Aravalli Group using Quartzite Pebbles

Praveen Sharma¹, Pranjal Gothwal¹, Harsh Bhu¹, K.K. Sharma², Ritesh Purohit¹

Department of Geology Mohanlal Sukhadia University, Udaipur, India¹

Sangam University, Bhilwara, India²

Abstract: *A comparison was made in the strain pattern using quartzite pebbles from basal Aravalli conglomerates of the Lower Aravalli Group. Samples were collected from the conglomerates present at the contact of basement and cover rock sequence of the Lower Aravalli Group and from the same horizons of the Sarara Inlier. It was concluded that the long axis of the pebbles behaves similarly in orientation but has variable strain pattern when plotted on Flinn's Plot.*

Keywords: The Lower Aravalli Group, strain analysis, Conglomerate, Quartzite