

THE CARNEGIE PLATEAU

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ABSTRACT

The Carnegie Ridge and Plateau appear to have been formed through obduction of crust spread south from the Galapagos Rift Zone, overthrusting the Nazca Plate. This process could have occurred in more than one phase. The magnetic anomalies on the Carnegie Plateau, which have unusually high amplitudes, display a definite east-west trend. The Carnegie Plateau at present could be subjected to strike slip movement and dike intrusion due to different spreading patterns in the area.