

Geomagnetic Anomaly Survey at the Divergent Plate Boundary in Afar Depression, Ethiopia

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In order to expand our knowledge about magnetic structures under a sea-floor spreading center and the formation process of magnetic stripes, we are proceeding an on-land geo-electromagnetic research plan at the divergent plate boundary in Afar Depression, Ethiopia, where we can directly investigate into a sea-floor spreading center on land. We will introduce our plan and report the progress of geomagnetic and geological surveys we have performed.

Keywords: divergent plate boundary, sea-floor spreading center, Afar depression, geomagnetic anomaly survey