

## Geochemical features of deep-sea sediment in the eastern Indian Ocean: the first report of the Indian REY-rich mud.

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It was reported that deep-sea sediment contains high concentrations of rare-earth elements and yttrium (REY) in the eastern South and central North Pacific [1]. This REY-rich mud constitutes a huge potential resource for these elements.

Now, we confirmed the existence of deep-sea sediment with more than 1,100 ppm total REY contents in the eastern Indian Ocean. We will show the geochemical features of this Indian REY-rich mud for the first time.

[1] Kato et al. (2011) Nat. Geosci., 4, 535-539.

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