Delamination Origin for Columbia River Flood Basalts and Wallowa Mountains Uplift in NE Oregon, USA

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References

Future Work

1. Lithospheric delamination is likely the principle cause of mid-Miocene uplift and flood basalt volcanism in north-east Oregon.
2. A rising mantle plume head is not required to produce the large volume of flood basalt in this region, but may play a secondary role.