

Xiao, D., et al., 2024, Title: Two pulsed activities of the Emeishan large igneous province in southwestern China inferred from dolomite U-Pb geochronology and significance. GSA Bulletin, <https://doi.org/10.1130/B37302.1>.

Supplemental Material

Table S1. Raw ratios and metadata for LA-ICP-MS U-Pb dating of sucrosic dolomite (SuD) and saddle dolomite (SaD) in the lower Permian Qixia Formation, Sichuan Basin.

Table S2. Carbon, oxygen and strontium isotope compositions of matrix limestone, sucrosic dolomite (SuD) and saddle dolomite (SaD) in the lower Permian Qixia Formation, Sichuan Basin.

Table S3. Rare-earth element + Yttrium and trace element (Manganese and Strontium) data for matrix limestone, sucrosic dolomite (SuD) and saddle dolomite (SaD) in the lower Permian Qixia Formation, Sichuan Basin.

References:

Hiess, J., Condon, D.J., McLean, N., and Noble, S.R., 2012, $^{238}\text{U}/^{235}\text{U}$ systematics in terrestrial uranium-bearing minerals: Science, v. 335, p. 1610–1614, <https://doi.org/10.1126/science.1215507>.