

Weitao Wang, Peizhen Zhang, Zhicai Wang, Kang Liu, Hongyan Xu, Caicai Liu, Huiping Zhang, Wenjun Zheng, and Dewen Zheng, 2020, Multiproxy records in middle–late Miocene sediments from the Wushan Basin: Implications for climate change and tectonic deformation in the northeastern Tibetan Plateau: GSA Bulletin, <https://doi.org/10.1130/B35635.1>.

Supplemental Material

Table S1. Bulk magnetic susceptibility for the samples collected from the Wushan section in the northeastern Tibetan Plateau.

Table S2. Color reference of the bulk samples collected from the Wushan section in the northeastern margin of the Tibetan Plateau

Table S3. Lithofacies and interpretations for the Wushan section in the northeastern margin of the Tibetan Plateau

Table S3. Lithofacies and interpretations for the Wushan section in the northeastern margin of the Tibetan Plateau

Code	Description	Interpretation
F1	Very fine-grained sandstone to siltstone, mudstone with fine lamination	Suspension-settling in ponds and lakes
Fm	Massive, very fine-grained sandstone to siltstone, mudstone	Suspension settling in lake and overbank deposits
St	Fine- to very coarse-grained sandstone with trough cross-stratification	Migration of large 3D ripples (dunes) under moderately powerful unidirectional flows in large channels
Sh	Fine- to coarse-grained sandstone with plane-parallel lamination	Upper plane bed conditions under unidirectional flows, either strong or very shallow
Cmm	Massive, matrix-supported pebble to cobble conglomerate, poorly sorted, disorganized, unstratified	Deposition by cohesive mud-matrix debris flows
Cci	Pebble to cobble conglomerate, clast-supported, horizontally stratified, imbricated, poorly sorted	Deposition from shallow traction currents in longitudinal bars and gravel sheets