

## Magnetostratigraphy of Permian-Triassic Boundary of Changxing, China

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Oriented samples were collected to establish the magnetostratigraphy from the P-T boundary section of Changxing, China, which is one of the global stratotype section. HTC and LTC were isolated by thermal cleaning and principal component analysis. Titanomagnetite and pyrrhotite were detected. The LTCs are judged to be recent secondary origin, as their directions are almost equal to that of the geocentric dipole field. Declination and inclination of the HTCs have a long-term fluctuation and the HTCs are probably carried by titanomagnetite, suggesting that the HTCs are primary origin. As the result, no magnetic reversal was detected within the investigated part. Variation of initial susceptibility implies that Changxing area was gradually upheaved near P-T boundary.