

Paleoseismic event recorded in the Upper Cretaceous Nenjiang Formation in southeastern area of the Songliao Basin (NE China)

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Received 16 October 2017; accepted 28 May 2018

SUPPLEMENTARY PAPERS

Australian Journal of Earth Sciences (2019) 66,
<http://dx.doi.org/10.1080/08120099.2018.1499550>

Copies of Supplementary Papers may be obtained from the Geological Society of Australia's website (www.gsa.org.au), the Australian Journal of Earth Sciences website (www.ajes.com.au) or from the National Library of Australia's Pandora archive (<http://nla.gov.au/nla.arc-25194>).

Supplementary papers

Table S1. ⁴⁰Ar/³⁹Ar analytical data for the sample YJCZ-1

Temperature (°C)	⁴⁰ Ar/ ³⁹ Ar	³⁷ Ar/ ³⁹ Ar	³⁶ Ar/ ³⁹ Ar (×10 ⁻³)	⁴⁰ Ar*/ ³⁹ Ar _K	⁴⁰ Ar* (%)	Age (t ± 1σ) (Ma)
550	247.0	0.00	822.0	6.7	2.7	39.0 ± 29.9
650	18.1	0.07	26.1	10.4	57.7	59.8 ± 5.2
750	13.9	0.46	3.3	13.0	93.3	74.3 ± 7.1
850	15.1	3.02	5.7	13.7	90.5	78.5 ± 3.2
940	15.3	4.31	3.2	14.7	96.1	84.0 ± 0.7
970	15.3	4.62	3.9	14.5	95.0	83.2 ± 0.8
1000	15.3	4.71	2.8	14.9	97.2	85.3 ± 0.8
1050	14.8	0.00	1.7	14.2	96.6	81.3 ± 1.0
1120	15.2	5.90	3.6	14.7	96.2	83.9 ± 1.3
1250	18.0	5.80	13.2	14.7	81.2	84.0 ± 2.7