

**Supplementary material:****Terrestrial cosmogenic nuclide constrains on Late Quaternary glacial  
chronology on the Dalijia Shan, northeastern Tibetan Plateau**Jie Wang <sup>a\*</sup>, Christine Kassab <sup>b</sup>, Jonathan M. Harbor <sup>b</sup>, Marc W. Caffee <sup>c</sup>, Hang Cui <sup>a</sup>,  
Guoliang Zhang <sup>a</sup><sup>a</sup> *Key Laboratory of Western China's Environmental Systems (Ministry of Education), Lanzhou University, Lanzhou, Gansu 730000, China*<sup>b</sup> *Department of Earth and Atmospheric Sciences, Purdue University, West Lafayette, IN 47907, USA*<sup>c</sup> *Department of Physics, Purdue Rare Isotope Measurement Laboratory, Purdue University, West Lafayette, IN 47907 1397, USA*\*Corresponding author. E-mail address: [wangjie@lzu.edu.cn](mailto:wangjie@lzu.edu.cn) (J. Wang); [ckassab@purdue.edu](mailto:ckassab@purdue.edu) (C. Kassab)**Content****Supplementary Table 1** Sample information including quartz weight, <sup>9</sup>Be carrier mass, and AMS <sup>10</sup>Be/<sup>9</sup>Be ratios

Lab No.	Sample No.	Carrier Mass (μg)	Quartz Mass (g)	<sup>10</sup> Be/ <sup>9</sup> Be (10 <sup>-15</sup> )
201104160	DLJ-01	356.8322	40.005	1890±40
201104161	DLJ-02	357.9012	39.98	2010±40
201104162	DLJ-03	363.3531	40.078	2260±60
201104163	DLJ-04	361.8565	40.06	7800±300
201104164	DLJ-05	361.6427	40.483	3420±160
201104165	DLJ-06	373.2948	39.988	1480±70
201104166	DLJ-07	362.4979	40.074	2270±80
201104167	Chkblk 1	359.0771	0	57±4
201104168	DLJ-08	372.4396	40.035	3660±50
201104169	DLJ-09	362.0703	40.098	1044±20
201104170	DLJ-10	372.8672	40.296	3310±60
201104171	DLJ-11	362.391	40.001	4870±60
201104172	DLJ-12	355.8701	40.046	4170±60
201104173	DLJ-13	370.5154	39.977	1640±29
201104174	DLJ-14	365.8118	40.927	2030±30

201104175	Chkblk 2	366.3463	0	40±3
201104176	DLJ-15	372.3327	40.101	1890±50
201104177	DLJ-16	373.4017	40.038	3790±60
201104178	DLJ-17	372.7603	40.094	1033±18
201104179	DLJ-18	372.4396	40.03	3390±70
201104180	DLJ-19	372.9741	40.056	1700±40
201104181	DLJ-20	369.6602	40.009	1157±18
201104182	DLJ-21	373.4017	40.003	1149±18
201104183	Chkblk 3	375.6466	0	38±6
201104184	DLJ-22	359.8254	40.014	1157±15
201104191	Chkblk 4	372.6534	0	32±4

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