Li et al., 2018, Uranium isotopic constraints on the provenance of dust on the Chinese Loess Plateau: Geology, https://doi.org/10.1130/G45130.1.

No.	Latitude (°N)	Longitude (°E)	Sample type	($^{234}U/^{238}U$) 2*SE=0.001	$^{143}Nd/^{144}Nd$	ε_{Nd}[b]
Chinese Loess Plateau						
Southwest Loess						
Xifeng	35.75	107.78	S0	0.955	0.512086 ± 10[a]	-10.8
			L_1LL_1	0.957	0.512102 ± 11	-10.5
Lingtai	35.02	107.52	S0	0.960	0.512090 ± 10	-10.7
			L_1LL_1	0.953	0.512083 ± 7	-10.8
			L_1LL_1	0.955	0.512092 ± 10	-10.7
Binxian	35.02	108.05	S0	0.956	0.512080 ± 13	-10.9
Caoxian	36.35	104.62	S0	0.957	0.512104 ± 12	-10.4
			L_1LL_1	0.956	0.512113 ± 10	-10.2
			L_1LL_1	0.958	0.512104 ± 10	-10.4
Huanxian	36.54	107.40	S0	0.956	0.512087 ± 6	-10.7
			L_1LL_1	0.957	0.512109 ± 11	-10.3
			L_1LL_1	0.954	0.512099 ± 10	-10.5
Pingliang	35.39	106.85	S0	0.955	0.512112 ± 10	-10.3
Weinan	34.45	109.49	S0	0.954	0.512107 ± 11	-10.4
			L_1LL_1	0.955	0.512099 ± 12	-10.5
Northeast Loess						
Luochuang	35.71	109.43	L_1LL_1	0.949	0.512085 ± 15	-10.8
			L_1LL_1	0.948	0.512102 ± 16	-10.5
Jingbian	37.52	108.87	S0	0.949	0.512072 ± 13	-11.0
			S0	0.941	0.512073 ± 14	-11.0
			L_1LL_1	0.943	0.512075 ± 9	-11.0
Jiaodao	35.90	109.40	S0	0.951	0.512072 ± 13	-11.0
			L_1LL_1	0.946	0.512095 ± 16	-10.6
Yanchang	36.59	110.08	S0	0.948	0.512073 ± 12	-11.0
			L_1LL_1	0.952	0.512059 ± 9	-11.3
Yulin	38.28	109.84	L_1LL_1	0.940	0.512043 ± 13	-11.6
Potential Source Areas						
Alxa arid lands						
BDJL02	40.08	100.17	Fluvial silt	0.964	0.512095 ± 11	-10.6
EJNQ01	41.55	100.46	Fluvial sand	0.956	0.512084 ± 13	-10.8
EJNQ02	41.87	100.60	Desert sand	0.957	0.512080 ± 20	-10.9
RSH04	41.80	101.02	Fluvial silt	0.957	0.512064 ± 12	-11.2
RSH-03	42.22	101.10	Fluvial sand	0.958	0.512054 ± 27	-11.4
15BDJL-1	39.26	101.68	Desert sand	0.961	0.512110 ± 16	-10.3
15YBL-1	39.40	102.55	Desert sand	0.962	0.512082 ± 43	-10.8
15YBL-8	40.22	104.23	Desert sand	0.957	0.512079 ± 19	-10.9
15ALSM-1	40.28	104.76	Desert sand	0.962	0.512065 ± 13	-11.2
AZQ01	39.38	105.69	Desert sand	0.960	0.512067 ± 11	-11.1

Northern Qilian Mountain						
15DH-1	39.58	94.82	Fluvial silt	0.968	0.512101 ± 9	-10.5
SLH-01	40.18	96.94	Fluvial silt	0.959	0.512000 ± 23	-11.7
15GSYM-01	40.15	97.17	Fluvial silt	0.957	0.512086 ± 16	-10.8
15GSJYG	39.80	97.86	Fluvial silt	0.966	0.512087 ± 9	-10.7
BDH-01	39.75	98.26	Fluvial silt	0.959	0.511951 ± 11	-13.4
15GSXHQH	39.51	98.95	Fluvial sand	0.963	0.512082 ± 27	-10.8
15GSHH-2	38.90	100.33	Fluvial silt	0.953	0.512046 ± 8	-11.5
MQ-2	38.64	103.11	Fluvial sand	0.961	0.512070 ± 13	-11.1
Southern Qilian Mountain						
15DNH-1	36.98	98.52	Fluvial silt	0.943	0.512078 ± 12	-10.9
DHLH-1	38.90	94.37	Fluvial silt	0.961	0.511956 ± 12	-13.3
YKH-01	38.02	95.08	Fluvial silt	0.958	0.512012 ± 9	-12.2
15TTLH-1	37.67	95.47	Fluvial silt	0.954	0.511880 ± 14	-14.8
15YMX-1	37.50	95.85	Fluvial silt	0.952	0.512039 ± 11	-11.7
BHH-1	37.04	99.74	Fluvial sand	0.952	0.512020 ± 11	-12.0
Kunlun Mountain						
ZZH-1	36.68	93.79	Fluvial silt	0.982	0.512154 ± 12	-9.4
NMH-01	36.38	96.42	Fluvial silt	0.943	0.512158 ± 13	-9.4
NRGL-01	36.94	93.00	Fluvial silt	0.957	0.512197 ± 17	-8.6
GEMH-01	36.13	94.80	Fluvial silt	0.971	0.512217 ± 21	-8.2
XRD-1	35.98	97.88	Fluvial silt	0.953	0.512151 ± 17	-9.5
Upper Yellow River						
ELHS-01	34.82	97.44	Fluvial silt	0.925	0.512124 ± 9	-10.0
GMHH02	35.68	100.25	Fluvial silt	0.940	0.512015 ± 11	-12.2
YRGDX	36.09	101.50	Fluvial silt	0.940	0.512005 ± 12	-12.3
MQHH01	33.96	102.08	Fluvial silt	0.940	0.512039 ± 13	-11.7
Middle Yellow River						
YRLZ	36.09	103.73	Fluvial silt	0.951	0.512045 ± 10	-11.6
ZNHH-01	37.53	105.67	Fluvial silt	0.953	0.512058 ± 10	-11.3
15YLHH-1	40.59	108.76	Fluvial silt	0.952	0.512123 ± 13	-10.1
15YCHH-1	38.35	106.40	Fluvial silt	0.952	0.512052 ± 10	-11.4
West Ordos Desert						
15KBQ-1	40.46	108.65	Desert sand	0.953	0.511957 ± 22	-13.3
15KBQ-2	40.36	108.57	Fluvial sand	0.952	0.512007 ± 21	-12.3
15KBQ-3	40.08	108.39	Fluvial sand	0.95	0.511997 ± 9	-12.5
15MUS-1	39.38	108.28	Fluvial silt	0.953	0.512025 ± 52	-12.0
15MUS-2	39.09	108.03	Fluvial silt	0.952	0.512018 ± 20	-12.1
15MUS-5	38.66	107.38	Fluvial silt	0.953	0.512006 ± 9	-12.3

15MUS-6	38.13	107.31	Fluvial sand	0.948	0.512046 ± 9	-11.5
15MUS-8	38.11	106.76	Fluvial silt	0.947	0.512031 ± 9	-11.9
East Ordos Desert						
18EMS-1	38.48	109.65	Fluvial silt	0.950	0.512043 ± 8	-11.6
18EMS-2	38.06	109.31	Fluvial silt	0.946	0.512069 ± 10	-11.1
18EMS-3	37.99	108.85	Fluvial silt	0.950	0.512064 ± 13	-11.2
18EMS-4	38.25	108.71	Fluvial sand	0.941	0.512069 ± 15	-11.1
18EMS-6	38.62	109.25	Fluvial silt	0.948	0.512000 ± 8	-12.5
18EMS-8	39.16	109.05	Fluvial silt	0.950	0.511934 ± 16	-13.7
18EMS-9	39.06	109.54	Lacustrine silt	0.945	0.511929 ± 9	-13.8
18EMS-10	39.11	109.69	Fluvial silt	0.949	0.512004 ± 9	-12.4
18EMS-11	39.22	109.78	Fluvial sand	0.945	0.511869 ± 10	-15.0
18EMS-12	39.22	109.88	Fluvial silt	0.923	0.511791 ± 18	-16.5
18EMS-13	39.21	110.03	Fluvial silt	0.934	0.511798 ± 9	-16.4
18EMS-14	39.04	110.22	Fluvial sand	0.943	0.511984 ± 9	-12.8
18EMS-15	38.81	110.08	Fluvial sand	0.933	0.511950 ± 14	-13.4
Gobi Desert						
MG01	46.21	108.77	Desert sand	0.903	0.512335 ± 14	-5.9
MG04	44.87	110.13	Desert sand	0.934	0.512409 ± 12	-4.5
MG09	43.17	109.04	Desert sand	0.936	0.512262 ± 10	-7.3
MG20	43.36	102.66	Desert sand	0.952	0.512363 ± 16	-5.4
LIALWL-1	41.68	105.47	Desert sand	0.940	0.512238 ± 24	-7.8
YG02	41.71	103.11	Desert sand	0.932	0.512226 ± 14	-8.0
Qaidam Basin						
Loess, East to Qaidam Basin						
TLS	36.94	97.66		0.965	0.512100 ± 11	-10.5
HTS	36.51	98.32		0.971	0.512110 ± 21	-10.3
XNNS-3	36.63	101.73		0.966	0.512074 ± 14	-11.0
XNNS-2	36.62	101.74		0.964	0.512119 ± 26	-10.1
HTGY	36.66	101.75		0.962	0.512108 ± 18	-10.3
YJC	36.73	101.79		0.964	0.512100 ± 15	-10.5
BLS-2	36.43	101.93		0.962	0.512100 ± 20	-10.5
15DNH-2	36.98	98.52		0.967	0.512103 ± 9	-10.4
LD-11	36.47	102.33		0.965	0.512084 ± 12	-10.8
East Qaidam Basin						
15CDM-4	37.34	94.49	Lacustrine silt	0.953	0.512089 ± 24	-10.7
15CDM-5	37.35	94.35	Sand	0.962	0.512066 ± 16	-11.2
15CDM-7	37.53	93.99	Lacustrine silt	0.962	0.512148 ± 10	-9.6
West Qaidam Basin						

15CDM-9	37.70	93.52	Fluvial silt	0.984	0.512126 ± 29	-10.0
15CDM-10	38.00	93.18	Fluvial silt	0.990	0.512119 ± 9	-10.1
15CDM-16	38.56	93.06	Lacustrine silt	0.974	0.512124 ± 12	-10.0
Quaternary Yardang						
15CDM-1	37.40	95.20	Fluvial silt	0.950	0.512041 ± 14	-11.6
15CDM-2Y	37.41	95.12	Fluvial silt	0.959	0.512085 ± 12	-10.8
15CDM-2R	37.41	95.12	Fluvial silt	0.960	0.512069 ± 19	-11.1
15CDM-3	37.39	94.96	Fluvial silt	0.938	0.512017 ± 30	-12.1
15CDM-17	38.66	93.26	Strata	0.936	0.512044 ± 16	-11.6
Miocene Yardang						
15HTG-1	38.05	91.14	Fluvial silt	0.983	0.512141 ± 13	-9.7
15WN-1	37.97	91.23	Fluvial silt	0.986	0.512126 ± 17	-10.0
15CDM-13	37.77	91.72	Strata	0.999	0.512161 ± 10	-9.3

[a] Quoted precision in 2σ in run measurement uncertainty.

[b] $\varepsilon Nd = ((^{143}Nd/^{144}Nd)_{sample}/(^{143}Nd/^{144}Nd)_{CHUR} - 1) \times 10000$; $(^{143}Nd/^{144}Nd)_{CHUR} = 0.512638$.