

Table S1. Portable OSL signal of soil pit samples STM, SSJG, and BGR

Sample	Depth (cm)	IRSL (photon counts/min)	Post IR-OSL (photon counts/min)	IRSL/OSL Ratio (–)	Colour (Munsell)	Charcoal content (area %)
<b>Urban core site</b>						
STM	14	2462 ± 69	6363 ± 93	0.39	10YR 2/1 (black)	0.97
	34	10443 ± 113	42839 ± 212	0.24	10YR 2/2 (very dark brown)	1.43
	50	1095 ± 58	4338 ± 81	0.25	2.5YR 3/1 (dark reddish gray)	7.34
	71	4368 ± 82	25102 ± 165	0.17	2.5YR 3/1 (dark reddish gray)	4.88
	88	7316 ± 98	29803 ± 179	0.25	2.5YR 7/6 (light red)	6.38
SSJG	16	280 ± 51	804 ± 56	0.35	7.5YR 2.5/1 (black)	12.70
	44	445 ± 52	1033 ± 58	0.43	7.5YR 3/1 (very dark gray)	4.84
	62	538 ± 53	1367 ± 60	0.39	10YR 3/2 (very dark grayish brown)	5.24
	94	639 ± 54	1508 ± 62	0.42	10YR 3/3 (dark brown)	7.61
<b>Extra urban site</b>						
BGR	6	1495 ± 61	2823 ± 71	0.53	7.5YR 2.5/1 (black)	1.63
	29	960 ± 57	3003 ± 73	0.32	10YR 2/2 (very dark brown)	3.16
	42	3824 ± 78	11718 ± 118	0.33	7.5YR 3/2 (dark brown)	1.73
	61	66564 ± 262	81771 ± 290	0.81	5YR 4/4 (reddish brown)	1.05