

Table S3. ICP-OES analysis and describing heavy metal composition.

Elements (ppm)	C1	C2	C3	C5	C6	C7	A1	A2	A3	A4	A5
Cd	0	0.141	0	0	0	0	0	0	0	0	0
Pb	1.635	0.283	0	1.633	0.956	0.711	2.533	2.700	1.372	1.794	0
As	2.864	0	0	0	0	0	4.000	4.052	2.883	3.264	0
Hg	0	0	0	0	0	0	0	0	0	0	0
Co	1.091	0.848	2.556	0.817	1.775	0.855	2.533	1.755	1.648	3.101	0
Ni	3.273	2.119	4.709	2.450	4.645	2.280	6.798	4.592	3.983	7.181	1.563
Cu	3.273	1.978	2.691	1.225	2.049	1.281	12.266	5.131	2.059	14.855	38.713
Al	6228.807	3100.506	9204.475	5710.728	10039.542	4898.466	7437.410	8614.321	4142.335	7394.884	577.433
Ba	25.298	1.978	2.287	20.144	7.104	11.256	32.129	49.159	19.913	25.628	3.993
Cr	14.592	5.509	16.285	10.888	16.257	8.692	13.066	13.235	7.415	11.753	1.389
Fe	4050.061	2134.576	6325.601	3665.492	7352.527	2860.927	7450.390	6543.191	6320.401	5425.067	322.683
Mn	29.319	4.125	77.254	29.265	52.046	20.436	114.919	117.630	213.688	94.516	20.311
Mo	0	0	0	0	0	0	0	0	0	0	0
Zn	26.591	8.900	11.575	16.469	12.568	5.272	35.463	34.303	9.476	71.988	19.790
Se	0	0	0	0	0	0	0	0	0	0	2.082
Rb	15.955	7.487	14.401	10.209	12.157	7.409	5.199	24.985	6.317	105.616	29.685
Sn	0	0	0	0	0.411	0.426	1.467	0.270	0.411	1.143	0.868
Sr	400.995	332.197	198.088	265.616	307.470	390.760	272.575	408.949	187.073	322.920	135.867
Li	10.908	33.905	28.532	7.349	14.480	6.127	21.597	17.693	7.828	35.260	13.367
Ag	0	0	0	0	0	0	0	0	0	0.652	0
Na	735.160	733.602	6299.189	438.265	133.682	83.734	7735.945	5092.080	2712.561	16953.336	2972.083
Mg	2045.080	4484.661	7646.186	1739.780	3061.325	1674.689	4283.325	6622.343	3754.826	15645.507	2547.500
K	5132.751	3681.851	2112.936	4037.352	3529.213	2121.273	34681.957	5052.504	1202.613	59126.776	32557.048
Ca	15037.356	23848.983	28669.894	23214.776	49181.726	12950.929	16847.747	17268.220	22101.361	6829.772	8525.633