

Table S1. Major and trace elements of the sample tile body from
Gangguantun kiln site, Liaoning province (wt.%)

Sample No.	SiO ₂	Al ₂ O ₃	Na ₂ O	MgO	K ₂ O	CaO	TiO ₂	Fe ₂ O	Rb ₂ O	SrO	Y ₂ O ₃	ZrO ₂
1	64.69	25.77	0.83	0.66	1.40	0.44	1.02	4.17	6.20 × 10 ⁻³	1.10 × 10 ⁻²	4.10 × 10 ⁻³	2.20 × 10 ⁻²