

Table 1 Chemical composition of the IOT (wt %)

Component	%	Component	%
SiO ₂	45.41	MnO	0.18
Al ₂ O ₃	19.07	CuO	0.02
Fe ₂ O ₃	10.86	SrO	0.05
CaO	12.41	ZrO ₂	0.01
MgO	7.23	P ₂ O ₅	0.08
K ₂ O	0.44	SO ₃	0.44
Na ₂ O	1.38	Cl	0.04
TiO ₂	1.32	LOI	1.22