

Table S7. Plagioclase relicts composition from Bronze Age metallurgical slags of South Urals

№	Sample	Analyses	Concentrations, wt. %							Total	Crystal chemical formula
			SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	FeO	BaO		
1.	P-22-1sh	19129i	56.94	27.76	8.72	6.40	0.18	–	–	100.00	(Na <sub>0.56</sub> Ca <sub>0.42</sub> K <sub>0.01</sub> ) <sub>0.98</sub> Al <sub>1.02</sub> (Si <sub>2.55</sub> Al <sub>0.45</sub> ) <sub>3</sub> O <sub>8</sub>
2.		19129k	58.17	26.28	7.42	7.04	0.64	0.46	–	100.00	(Na <sub>0.61</sub> Ca <sub>0.36</sub> K <sub>0.04</sub> Fe <sub>0.02</sub> ) <sub>1.02</sub> Al(Si <sub>2.61</sub> Al <sub>0.39</sub> ) <sub>3</sub> O <sub>8</sub>
3.	P-22-2sh	19128e	62.26	23.77	4.72	8.12	0.94	–	0.23	100.04	(Na <sub>0.7</sub> Ca <sub>0.22</sub> K <sub>0.05</sub> ) <sub>0.98</sub> Al <sub>1.01</sub> (Si <sub>2.76</sub> Al <sub>0.24</sub> ) <sub>3</sub> O <sub>8</sub>

Note. Analyses were carried out using VEGA3 TESCAN SEM electron microscope (operator I.A. Blinov) in Institute of Mineralogy UB SU FRC MG RAS, dash – element is not detected.