

Table ST-1: Major oxide weight % of reference materials analysed with the studied samples.

Reference Materials Analysed during Major Oxide Weight % Determination										
Sample Name	Na ₂ O	MgO	K ₂ O	CaO	Fe ₂ O ₃ T	Al ₂ O ₃	SiO ₂	P ₂ O ₅	MnO	TiO ₂
MESS-3-Measured	1.53	3.01	3.48	2.09	6.21	17.08	56.32	0.2457	0.04	0.7287
MESS-3-Certified Value	2.16	2.65	3.13	2.06	6.2	16.23	57.76	0.2749	0.04	0.73
SDC-1-Measured	2.32	1.75	3.33	1.49	6.06	15.79	63.73	0.1741	0.09	0.9521
SDC-1-Certified Value	2.05	1.69	3.28	1.47	6.32	15.8	65.8	0.16	0.1	1.01
AGV-2-Measured	4.06	1.58	2.81	5.10	6.80	15.63	61.01	0.49	0.11	1.07
AGV-2-Certified Value	4.19	1.79	2.88	5.2	6.69	16.91	59.3	0.48	0.07	1.05