SECTION A   SEM - EDS

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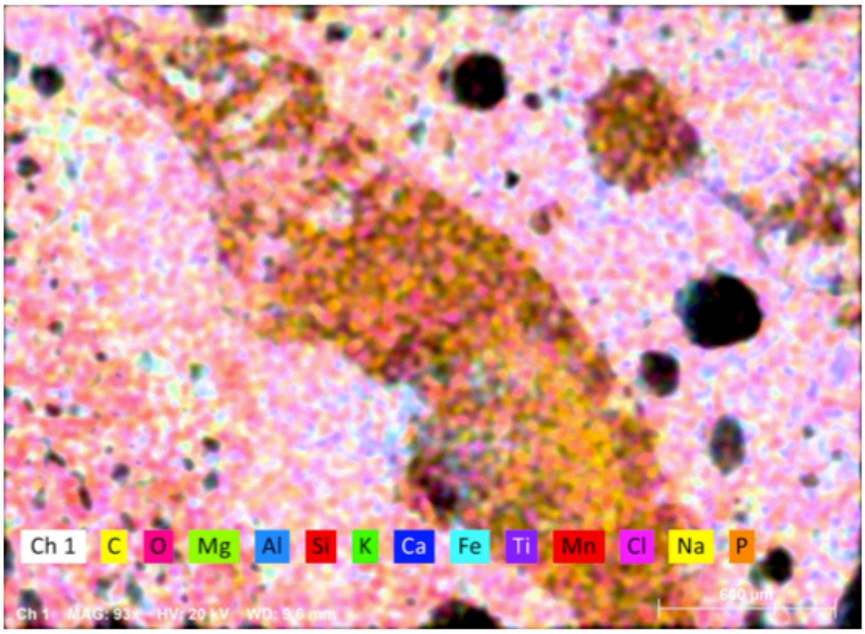
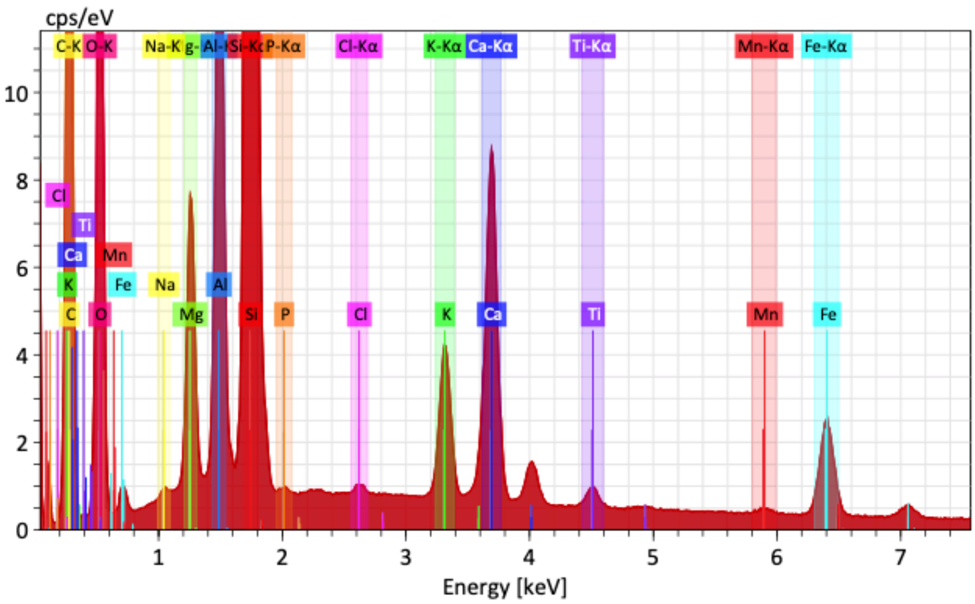
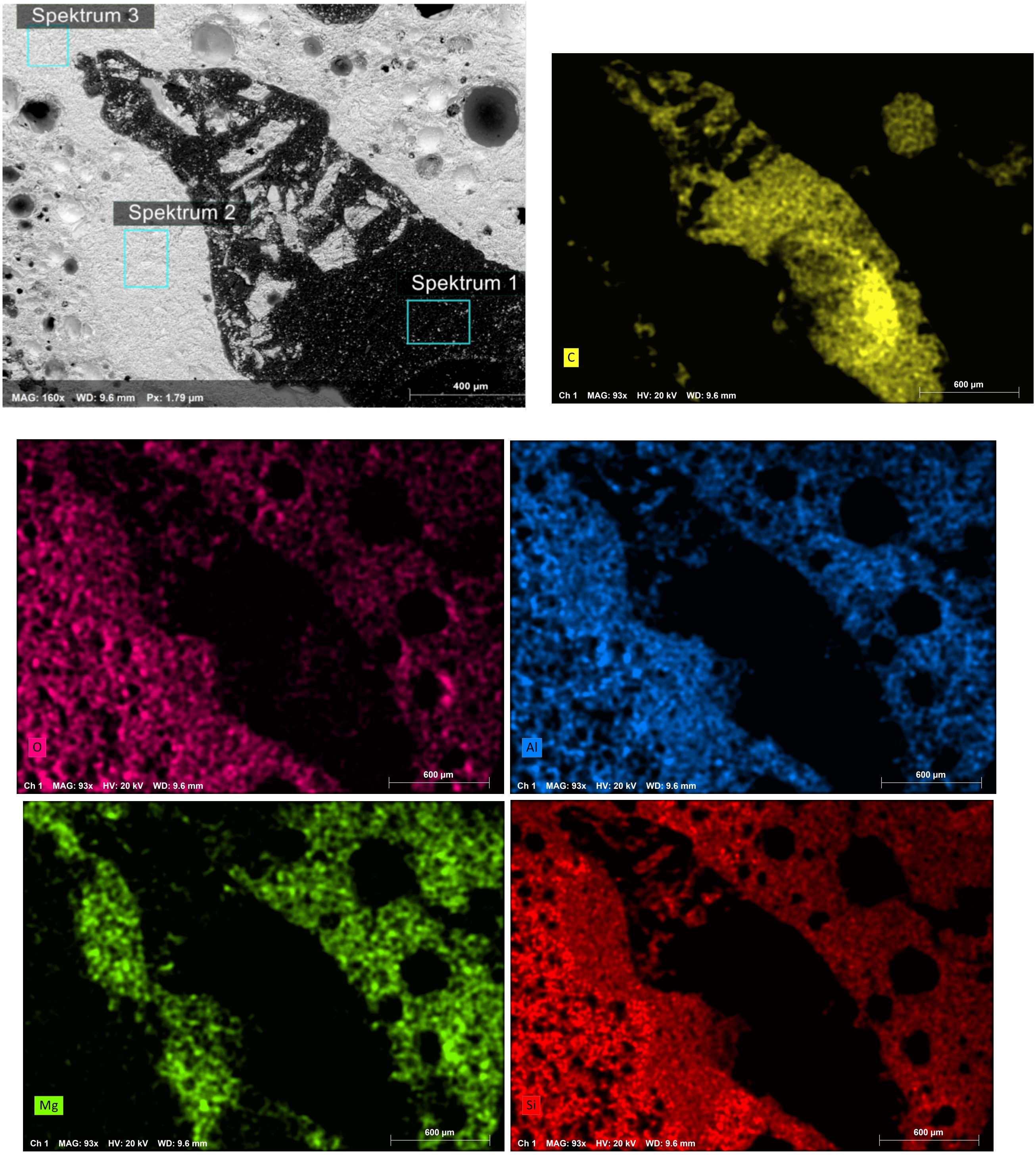
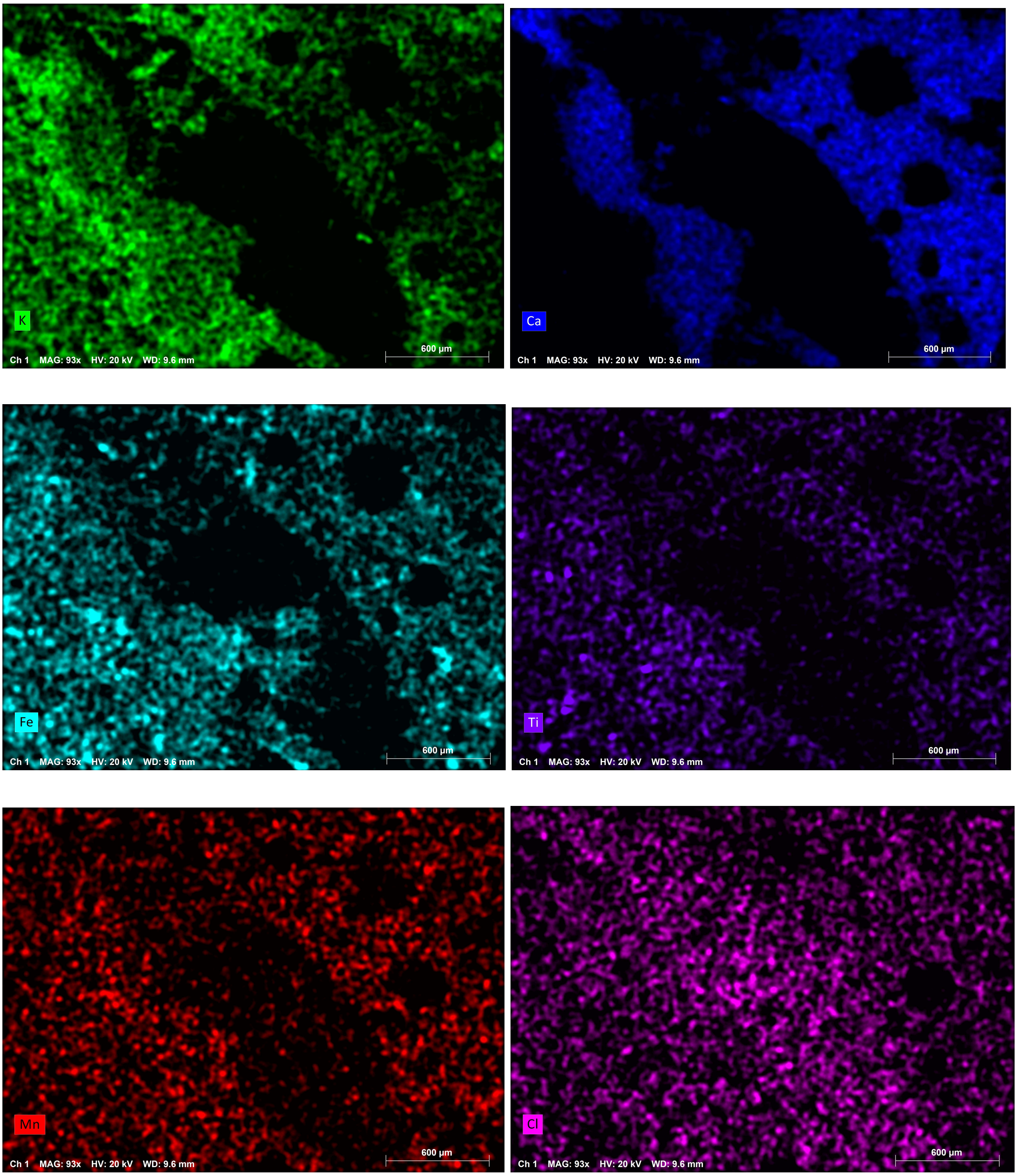


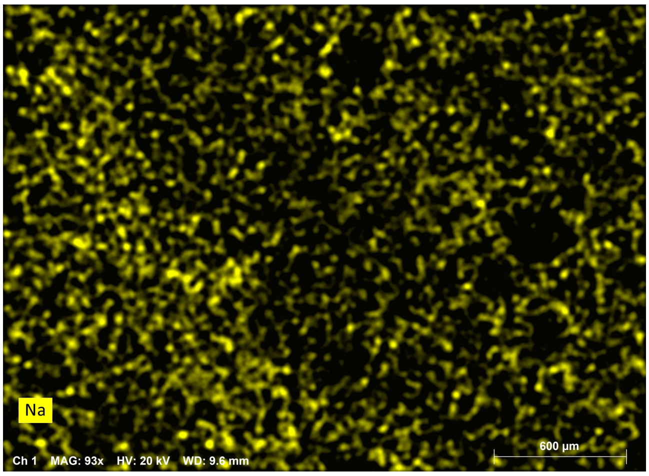


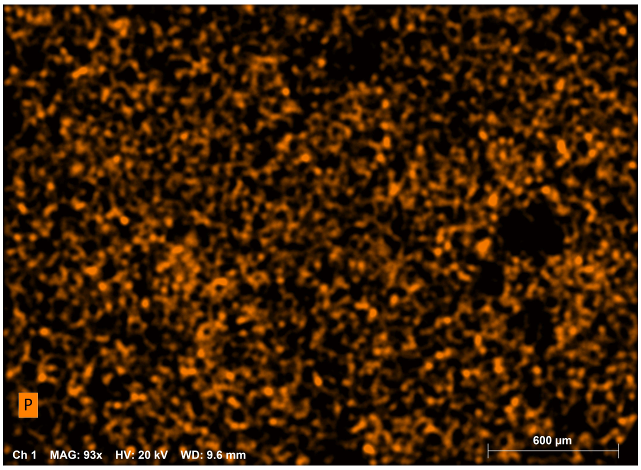

Spektrum 3
Spektrum 2
Spektrum 1
MAG: 160x WD: 9.6 mm Px: 1.79 µm
400 µm
C
Ch 1 MAG: 93x HV: 20 kV WD: 9.6 mm
600 µm
O
Ch 1 MAG: 93x HV: 20 kV WD: 9.6 mm
600 µm
Al
Ch 1 MAG: 93x HV: 20 kV WD: 9.6 mm
600 µm
Mg
Ch 1 MAG: 93x HV: 20 kV WD: 9.6 mm
600 µm
Si
Ch 1 MAG: 93x HV: 20 kV WD: 9.6 mm
600 µm

C - O - Al - Mg - Si



K - Ca - Fe - Ti - Mn - Cl





Na - P

Spektrum 1

Element	At. No.	Netto	Mass [%]	Mass Norm. [%]	Atom [%]	abs. error [%] (1 sigma)	rel. error [%] (1 sigma)
Carbon	6	78941	69.78	69.78	77.68	8.00	11.46
Oxygen	8	12070	23.29	23.29	19.46	3.20	13.75
Magnesium	12	1774	0.36	0.36	0.20	0.05	13.50
Aluminium	13	4915	0.83	0.83	0.41	0.07	8.24
Silicon	14	23819	3.10	3.10	1.48	0.16	5.16
Chlorine	17	1821	0.29	0.29	0.11	0.04	13.06
Potassium	19	1599	0.30	0.30	0.10	0.04	12.53
Calcium	20	3236	0.72	0.72	0.24	0.05	7.04
Titanium	22	320	0.10	0.10	0.03	0.03	32.95
Iron	26	2632	1.23	1.23	0.29	0.07	5.47
		Sum	**100.00**	**100.00**	**100.00**		

Spektrum 2

Element	At. No.	Netto	Mass [%]	Mass Norm. [%]	Atom [%]	abs. error [%] (1 sigma)	rel. error [%] (1 sigma)
Carbon	6	1596	7.60	8.71	15.08	1.55	20.34
Oxygen	8	15372	32.47	37.20	48.38	4.32	13.30
Magnesium	12	11961	4.29	4.92	4.21	0.27	6.24
Aluminium	13	20212	6.38	7.31	5.64	0.34	5.28
Silicon	14	84322	21.79	24.97	18.50	0.96	4.40
Potassium	19	5553	1.82	2.09	1.11	0.09	4.80
Calcium	20	23947	9.11	10.44	5.42	0.30	3.29
Titanium	22	1130	0.56	0.64	0.28	0.05	8.80
Iron	26	4399	3.24	3.71	1.38	0.13	3.92
		Sum	**87.27**	**100.00**	**100.00**		

Spektrum 3

Element	At. No.	Netto	Mass [%]	Mass Norm. [%]	Atom [%]	abs. error [%] (1 sigma)	rel. error [%] (1 sigma)
Carbon	6	1271	5.98	7.01	12.40	1.29	21.64
Oxygen	8	14880	31.98	37.49	49.75	4.27	13.36
Magnesium	12	10371	3.76	4.41	3.85	0.24	6.35
Aluminium	13	21533	6.76	7.93	6.24	0.36	5.25
Silicon	14	80396	20.65	24.21	18.30	0.91	4.41
Potassium	19	5213	1.70	1.99	1.08	0.08	4.93
Calcium	20	28191	10.78	12.64	6.70	0.35	3.23
Titanium	22	1092	0.56	0.65	0.29	0.05	8.87
Iron	26	4444	3.12	3.66	1.39	0.12	3.94
		Sum	**85.29**	**100.00**	**100.00**		