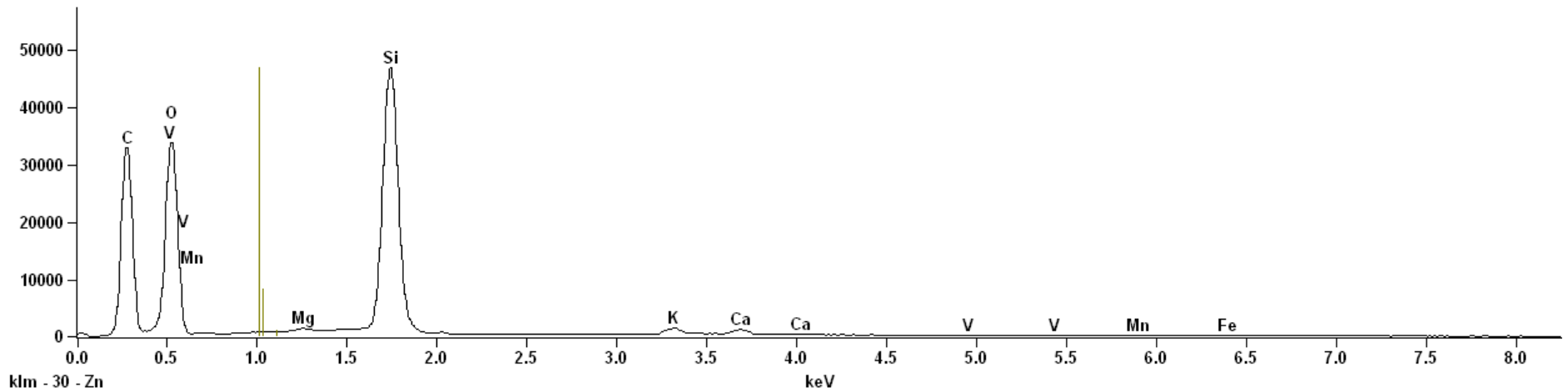


Project: Copy (2) of SEMÅA

Full scale counts: 46796

4Cyc 30x area04



Live Time:30.0 sec.

Acc.Voltage: 15.0 kV Take Off Angle: 33.5 deg.

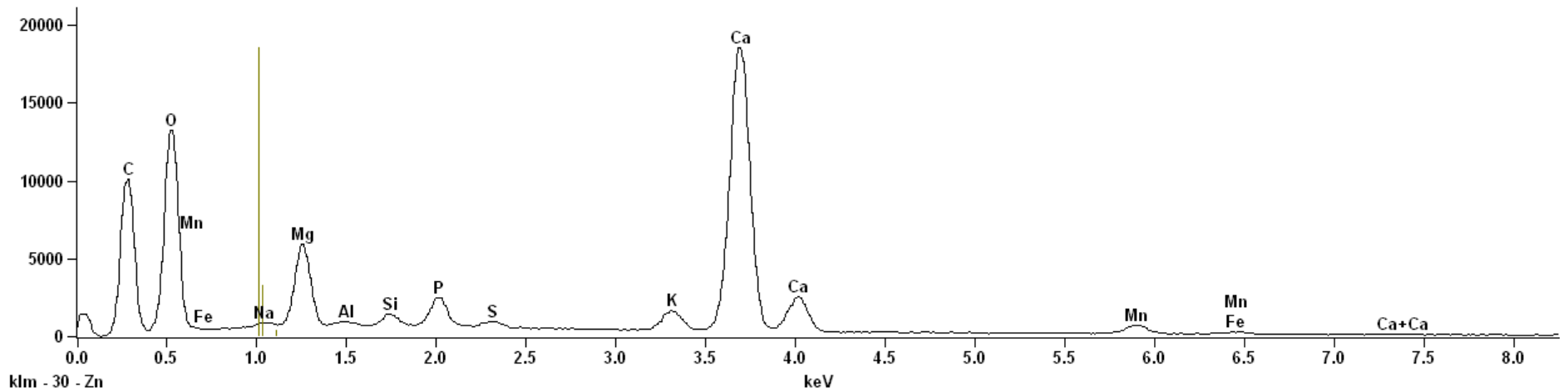
**Quantitative Results for: 4Cyc 30x area04**

<b>Element Line</b>	<b>Weight %</b>	<b>Weight % Error</b>	<b>Atom %</b>	<b>Formul a</b>	<b>Compnd %</b>
<b>O K</b>	51.57S	---	65.74		---
<b>Mg K</b>	0.33	+/- 0.03	0.27	MgO	0.54
<b>Si K</b>	43.99	+/- 0.11	31.94	SiO2	94.10
<b>K K</b>	1.90	+/- 0.03	0.99	K2O	2.29
<b>Ca K</b>	1.63	+/- 0.07	0.83	CaO	2.29
<b>V K</b>	0.04	+/- 0.04	0.02	V	0.04
<b>Mn K</b>	0.27	+/- 0.06	0.10	MnO	0.35
<b>Fe K</b>	0.27	+/- 0.06	0.10	Fe2O3	0.39
<b>Total</b>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA

Full scale counts: 18508

W9 50x area08



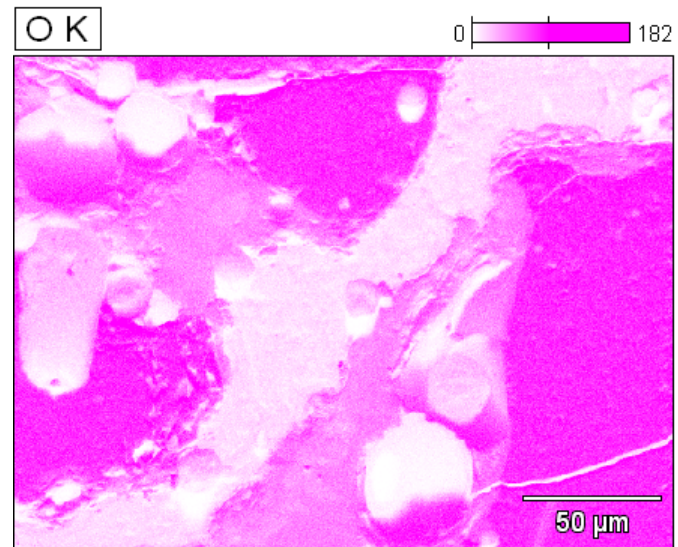
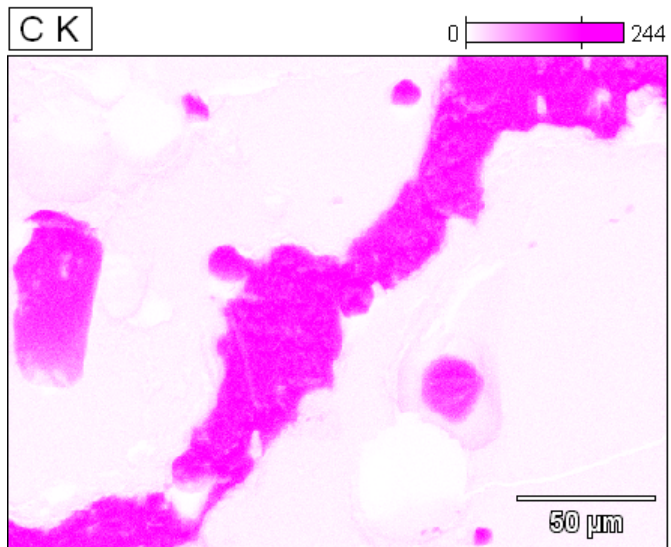
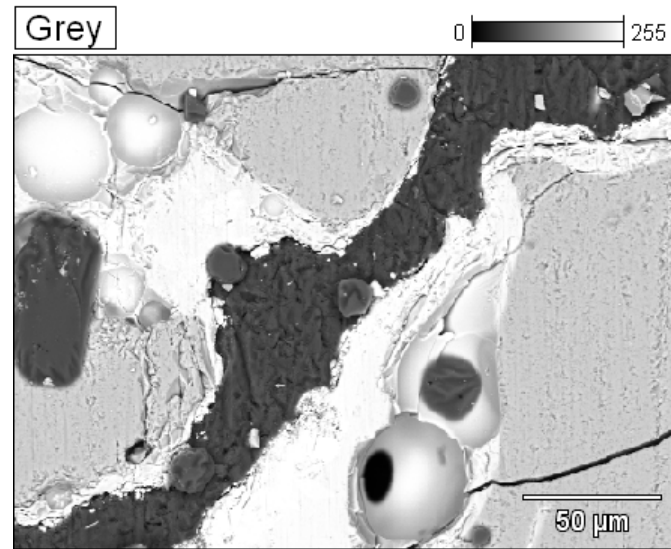
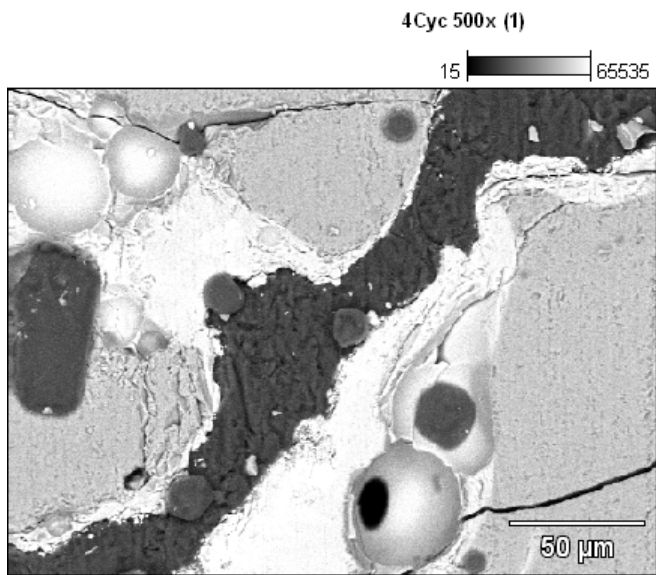
Live Time:30.0 sec.

Acc.Voltage: 15.0 kV Take Off Angle: 34.8 deg.

**Quantitative Results for: W9 50x area08**

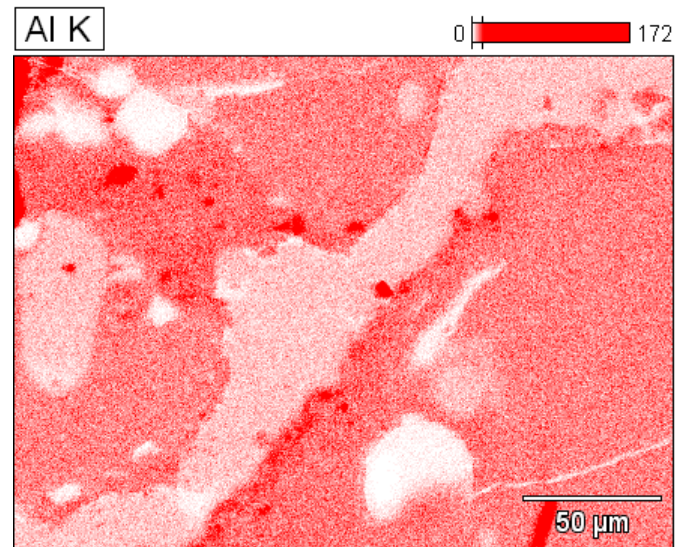
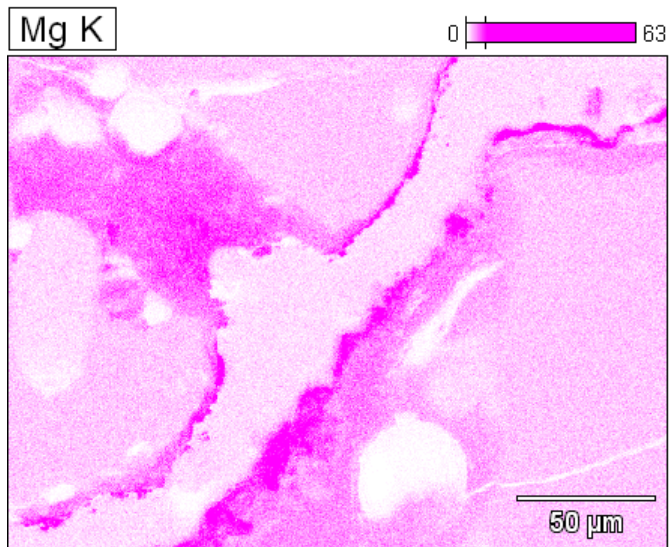
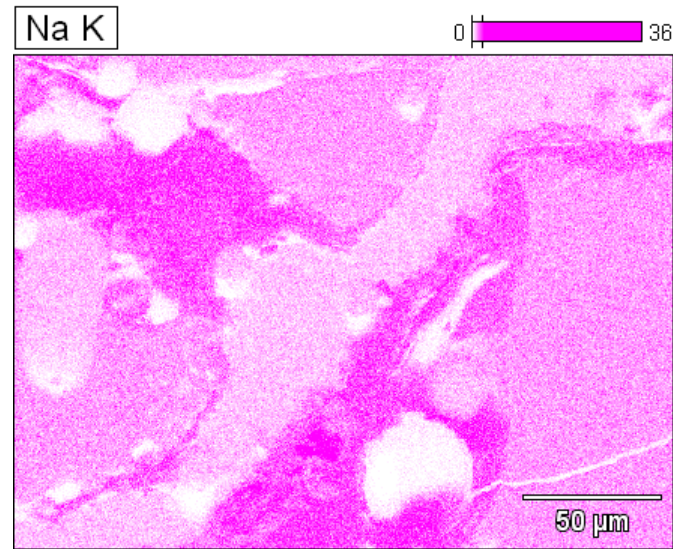
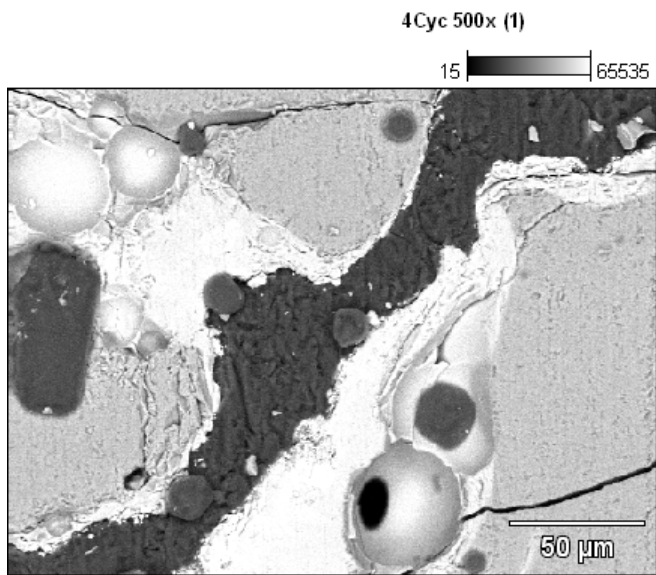
<b>Element Line</b>	<b>Weight %</b>	<b>Weight % Error</b>	<b>Atom %</b>	<b>Formul a</b>	<b>Compnd %</b>
<b>O K</b>	31.83S	---	52.25		---
<b>Na K</b>	0.53	+/- 0.04	0.61	Na2O	0.72
<b>Mg K</b>	6.33	+/- 0.05	6.84	MgO	10.50
<b>Al K</b>	0.38	+/- 0.02	0.37	Al2O3	0.71
<b>Si K</b>	0.90	+/- 0.02	0.85	SiO2	1.93
<b>P K</b>	2.67	+/- 0.03	2.26	P2O5	6.12
<b>S K</b>	0.66	+/- 0.02	0.54	SO3	1.66
<b>K K</b>	2.60	+/- 0.07	1.74	K2O	3.13
<b>Ca K</b>	48.97	+/- 0.19	32.09	CaO	68.52
<b>Mn K</b>	4.46	+/- 0.16	2.13	MnO	5.76
<b>Fe K</b>	0.67	+/- 0.08	0.32	Fe2O3	0.96
<b>Total</b>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA



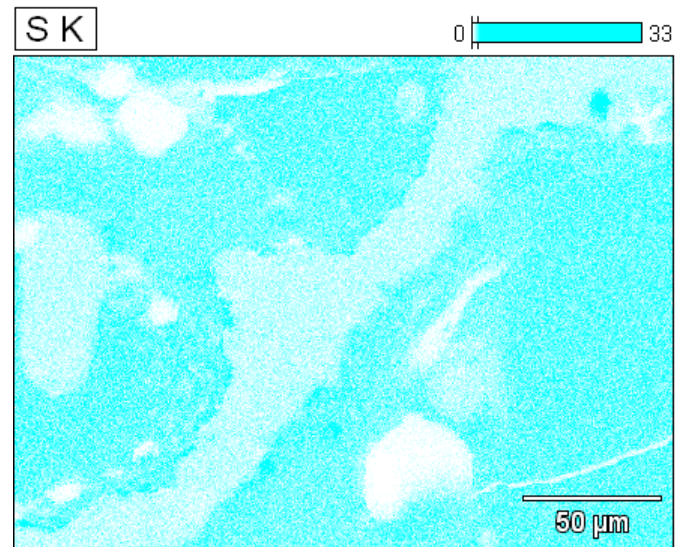
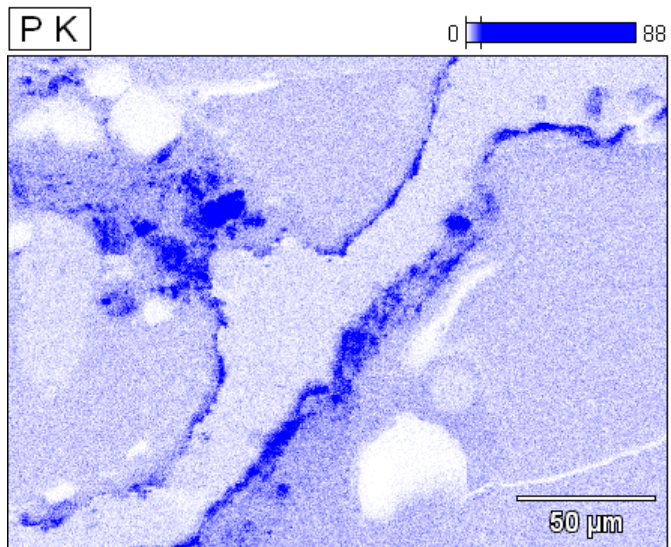
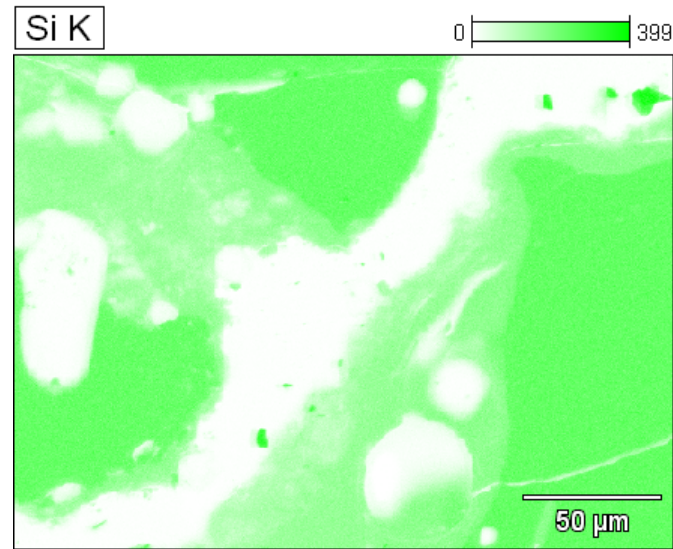
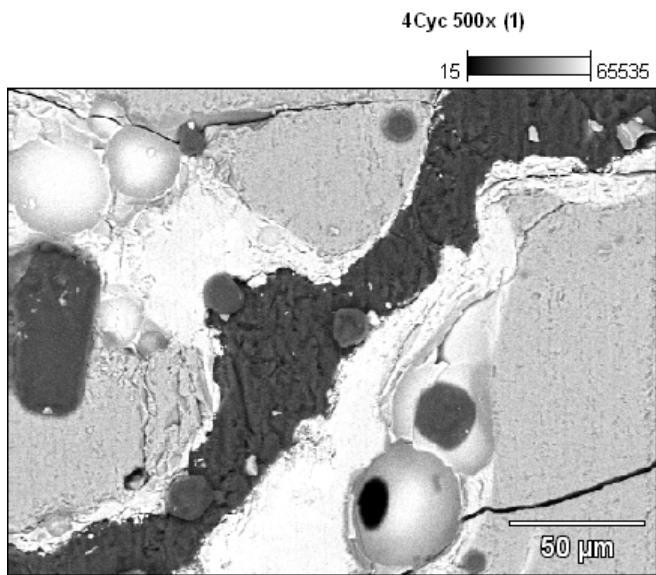
Data Type: Counts Mag: 500 Acc. Voltage: 15.0 kV

Project: Copy (2) of SEMÅA



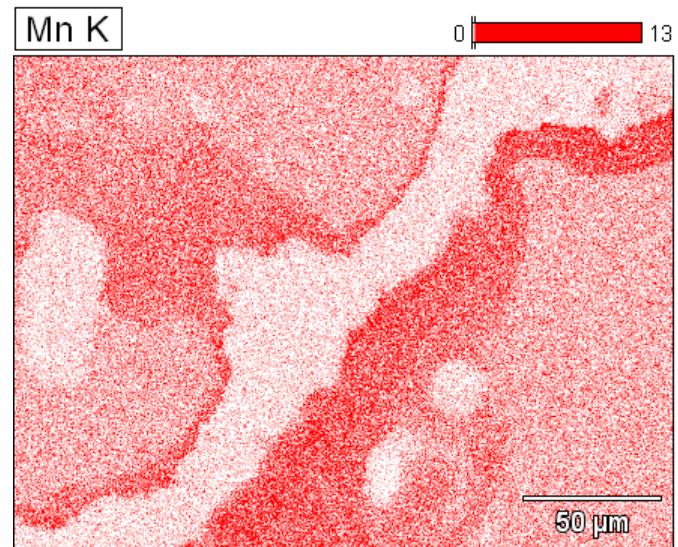
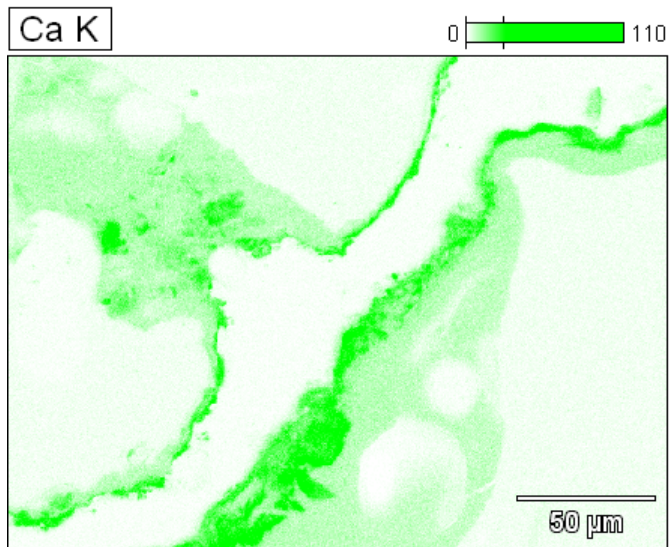
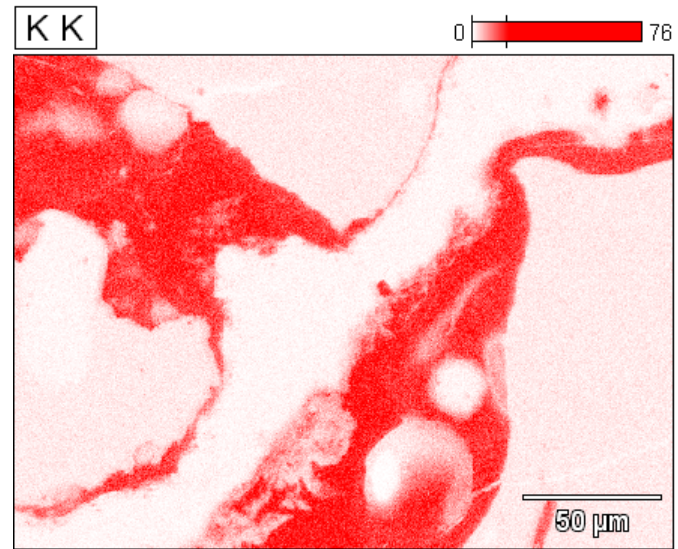
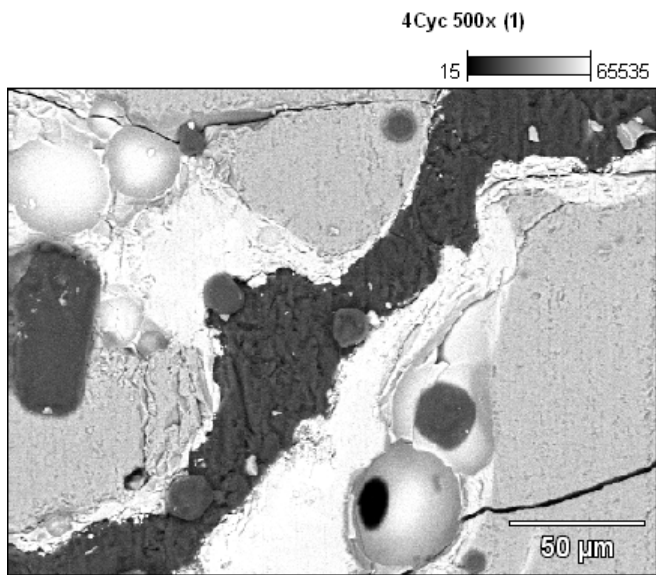
Data Type: Counts Mag: 500 Acc. Voltage: 15.0 kV

Project: Copy (2) of SEMÅA



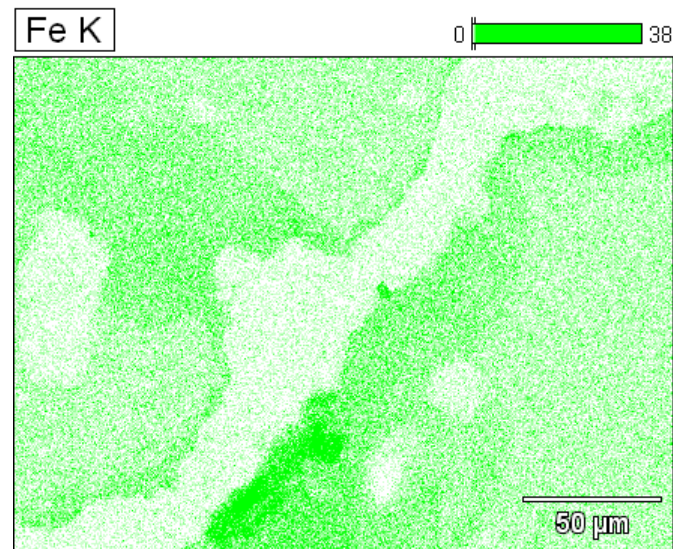
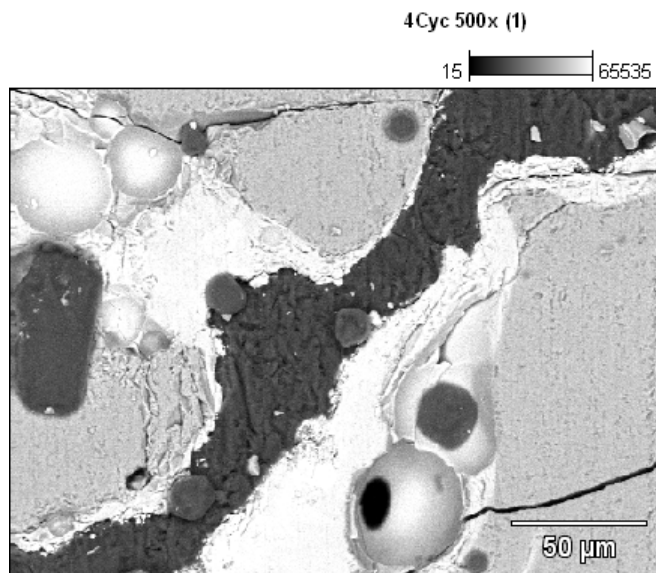
Data Type: Counts Mag: 500 Acc. Voltage: 15.0 kV

Project: Copy (2) of SEMÅA



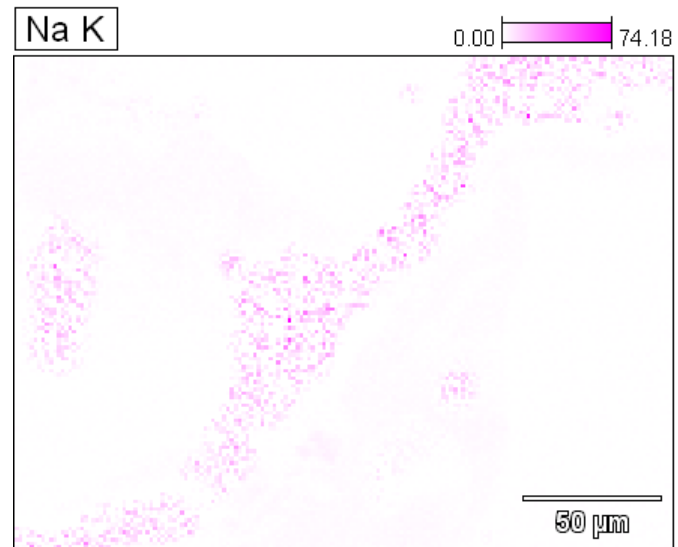
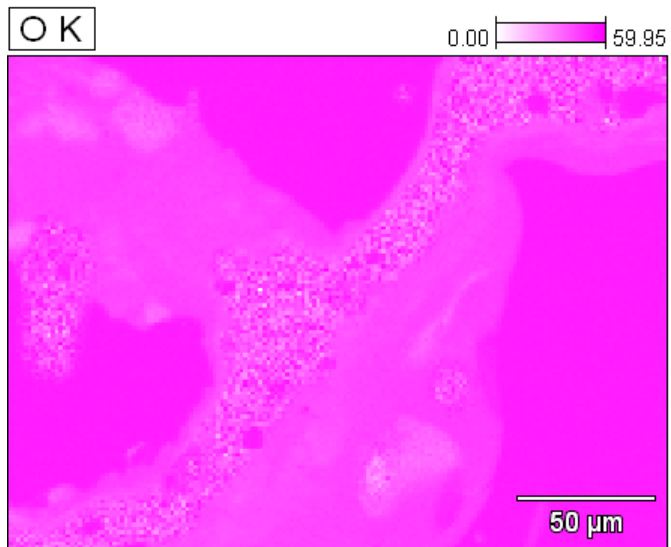
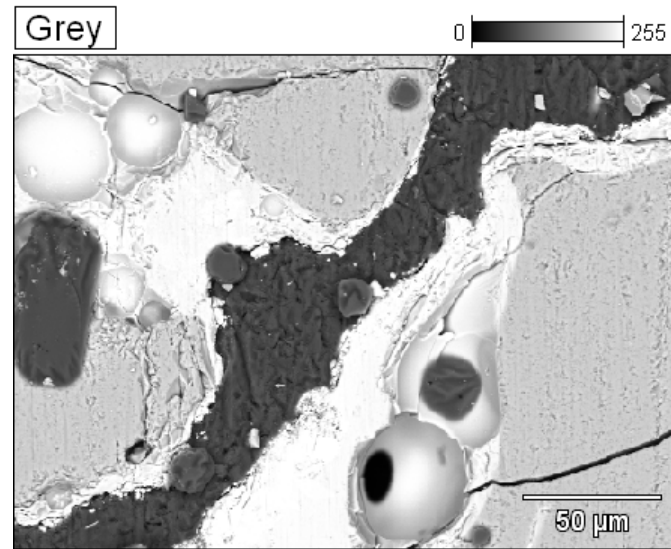
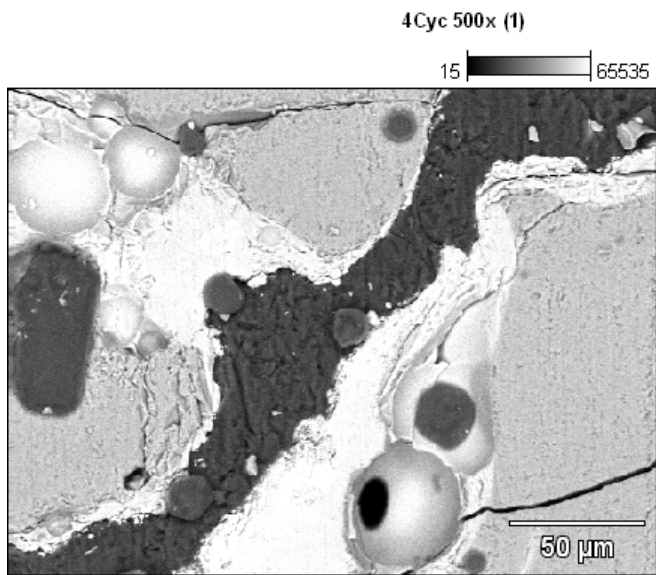
Data Type: Counts Mag: 500 Acc. Voltage: 15.0 kV

Project: Copy (2) of SEMÅA



Data Type: Counts Mag: 500 Acc. Voltage: 15.0 kV

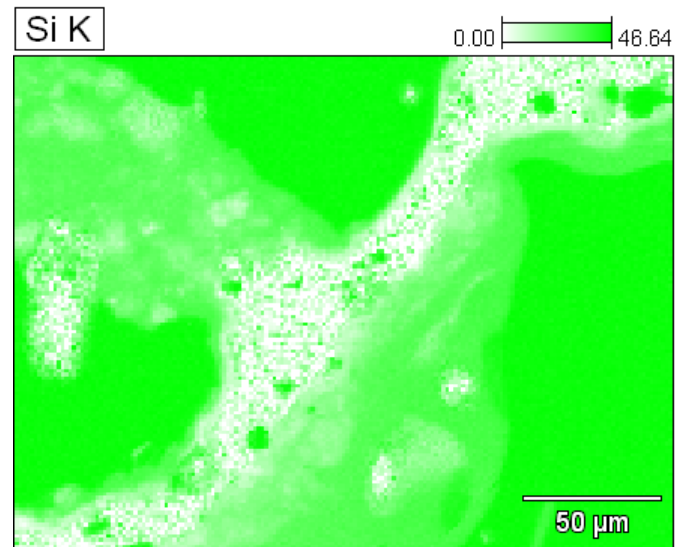
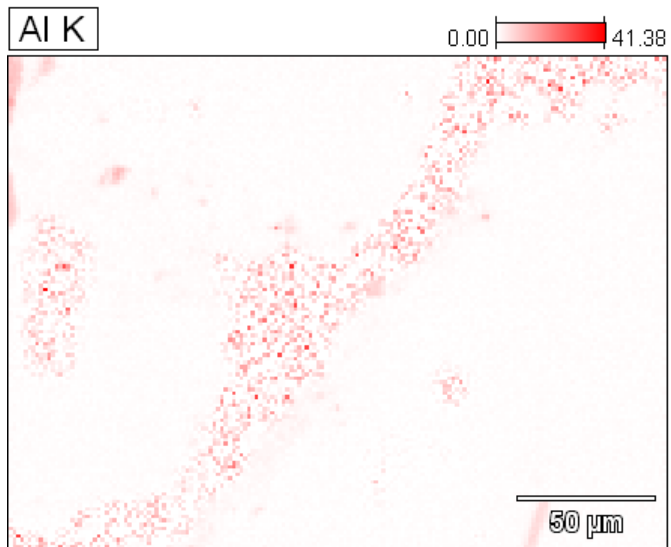
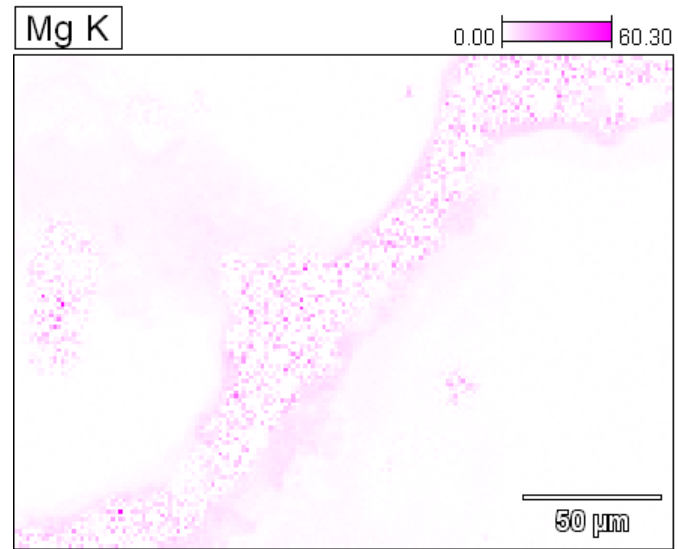
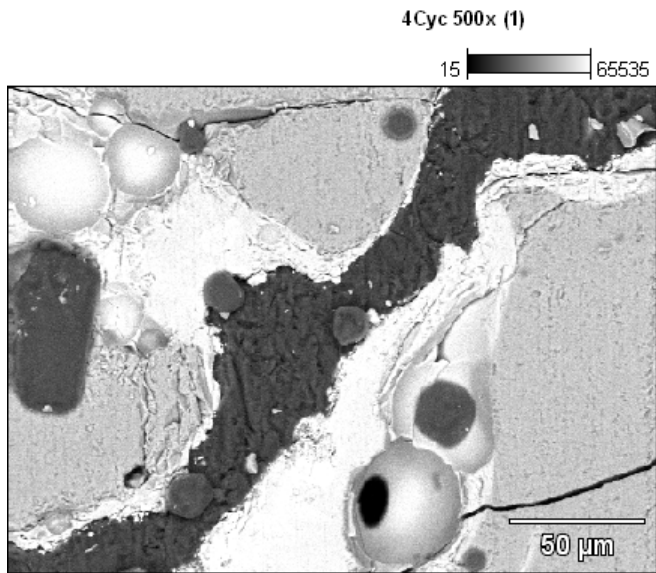
Project: Copy (2) of SEMÅA



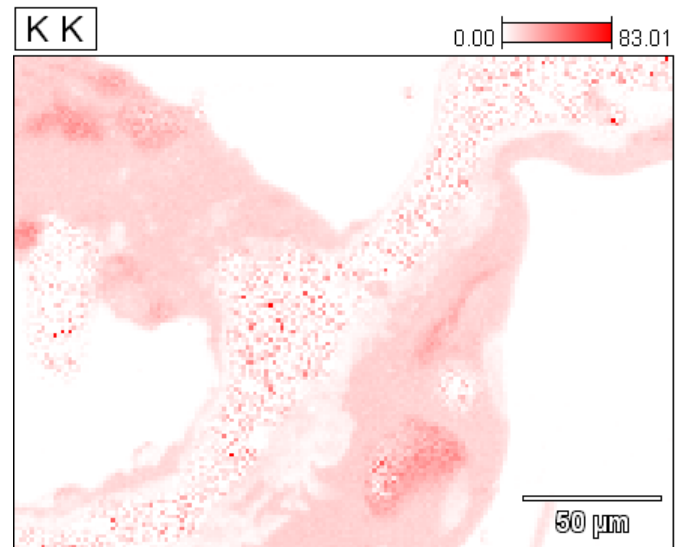
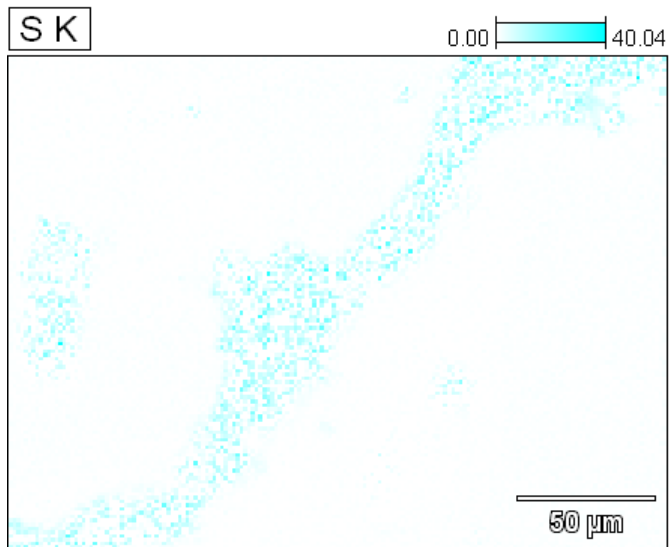
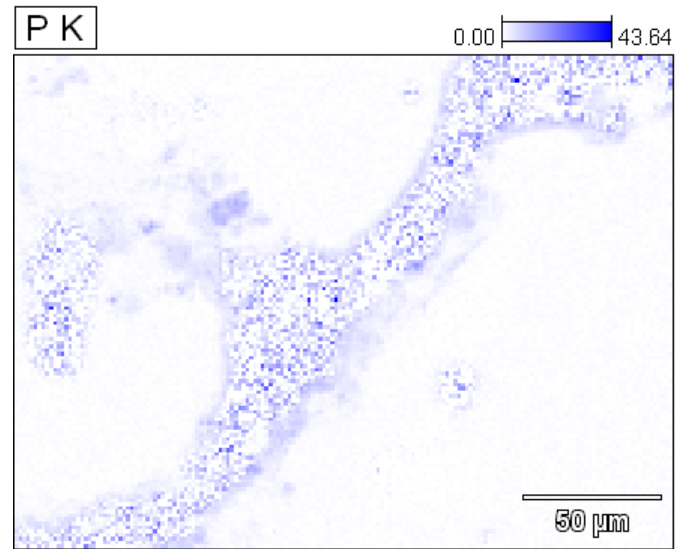
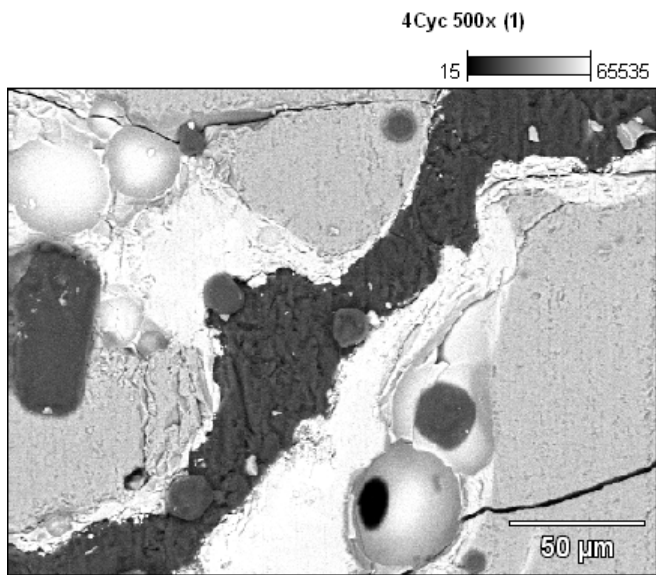
Data Type: Weight % Mag: 500 Acc. Voltage: 15.0 kV



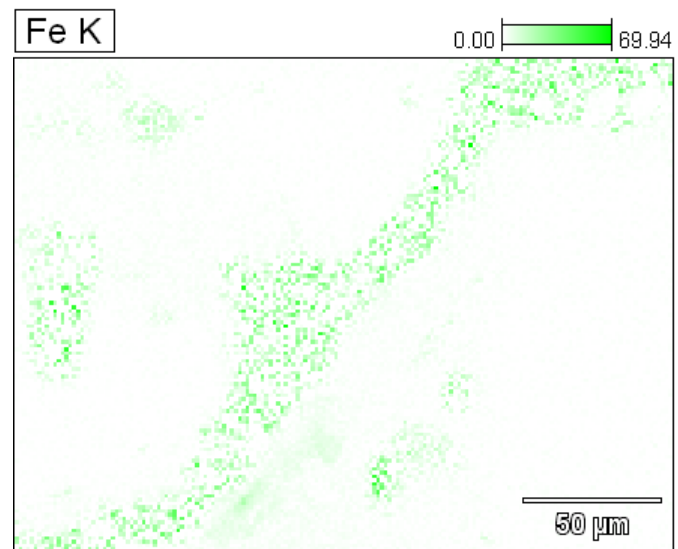
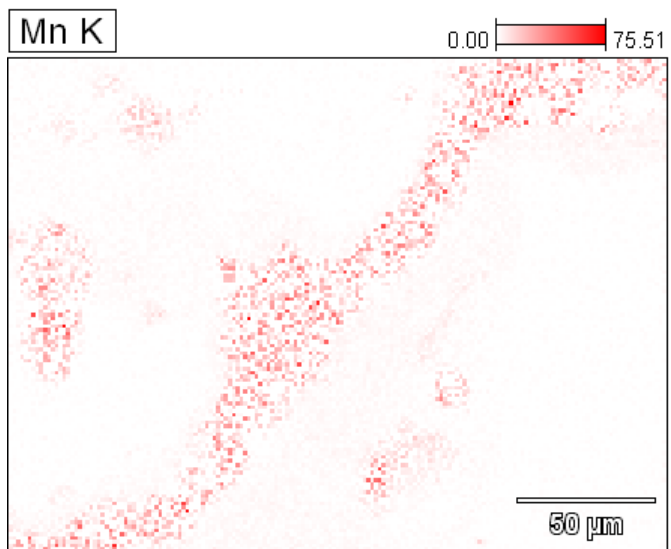
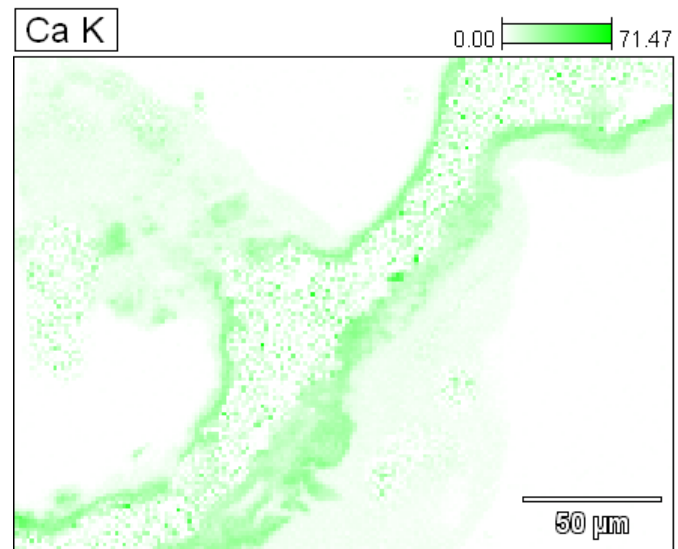
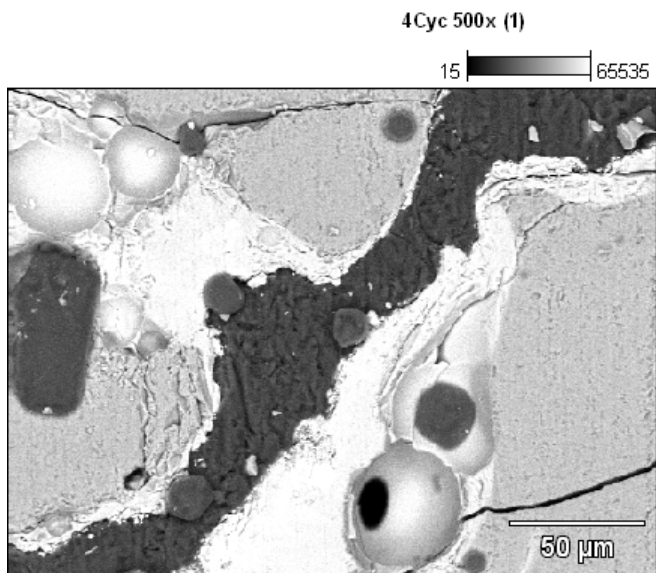
Project: Copy (2) of SEMÅA



Data Type: Weight % Mag: 500 Acc. Voltage: 15.0 kV

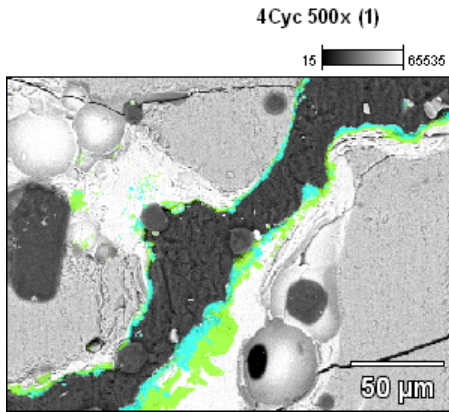


Data Type: Weight % Mag: 500 Acc. Voltage: 15.0 kV

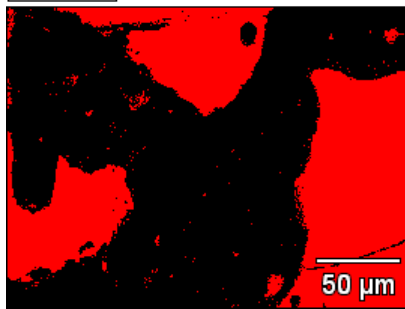


Data Type: Weight % Mag: 500 Acc. Voltage: 15.0 kV

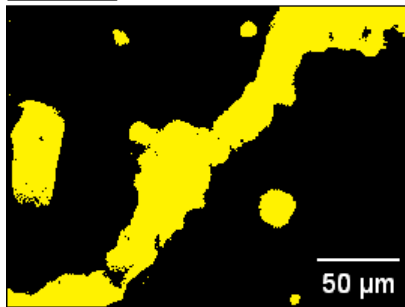
Project: Copy (2) of SEMÅA



Phase1



Phase2



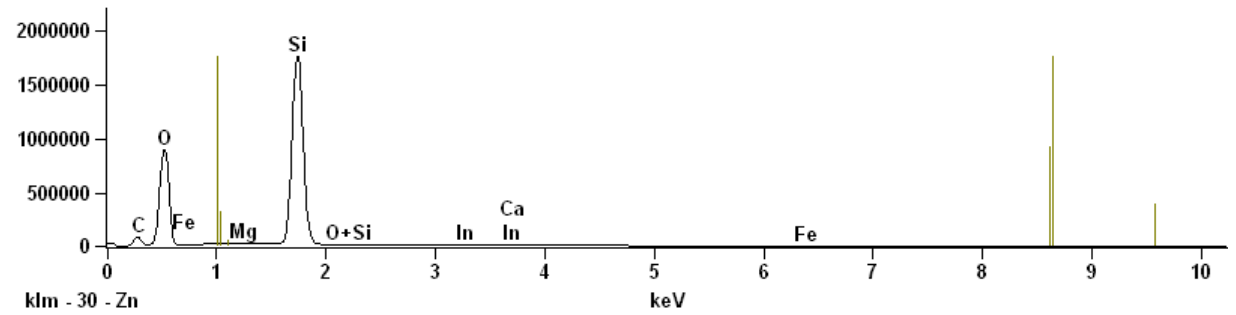
Accelerating Voltage: 15.0 kV

Magnification: 500

Auto Phases From Counts

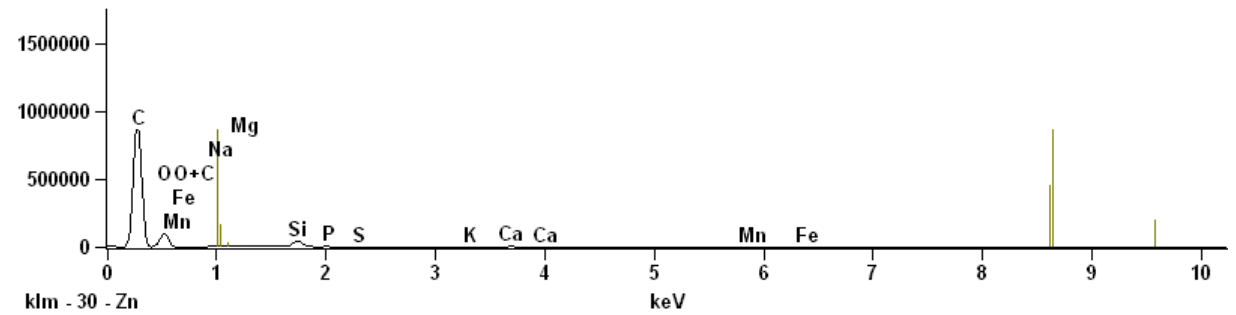
Full scale counts: 1751987

4Cyc 500x (1) Phase1

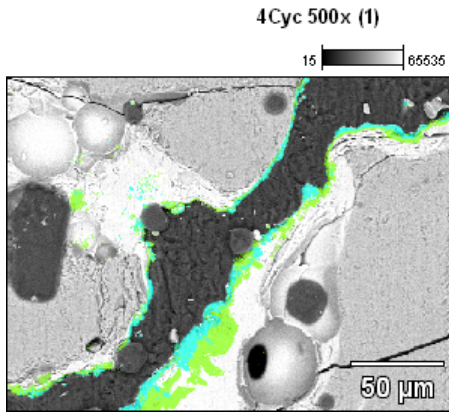


Full scale counts: 866261

4Cyc 500x (1) Phase2



Project: Copy (2) of SEMÅA

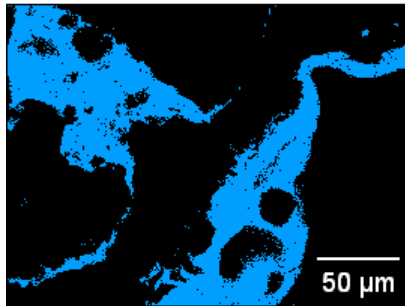


Accelerating Voltage: 15.0 kV

Magnification: 500

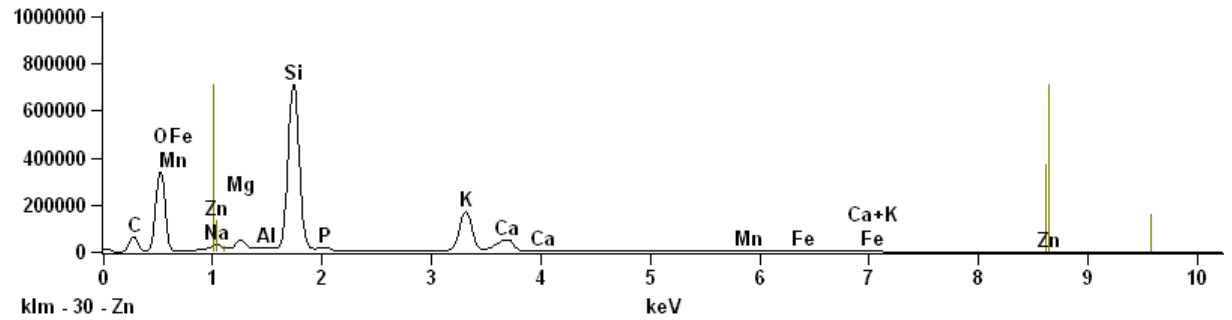
Auto Phases From Counts

Phase3

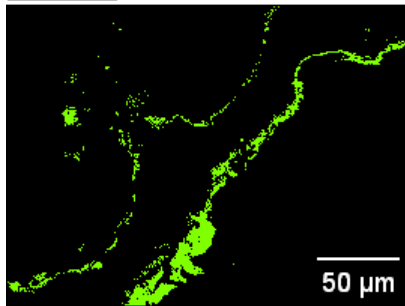


Full scale counts: 707981

4Cyc 500x (1) Phase3

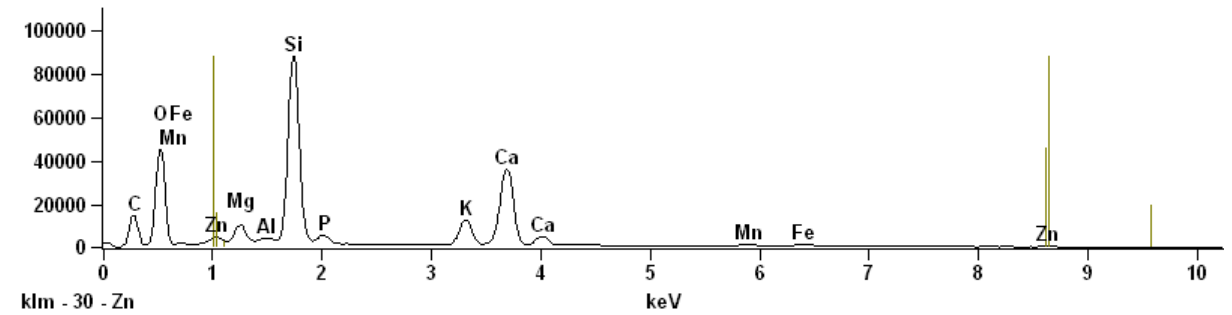


Phase4

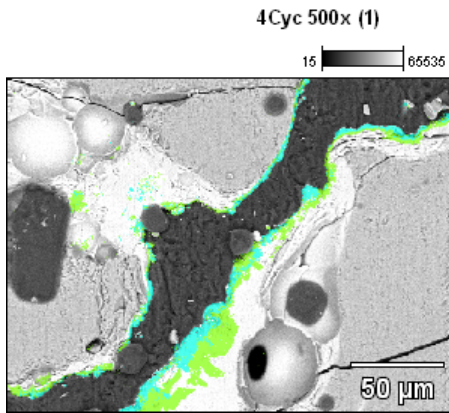


Full scale counts: 87659

4Cyc 500x (1) Phase4



Project: Copy (2) of SEMÅA

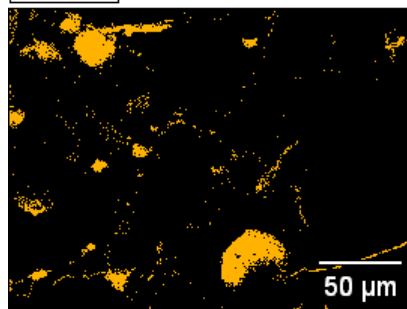


Accelerating Voltage: 15.0 kV

Magnification: 500

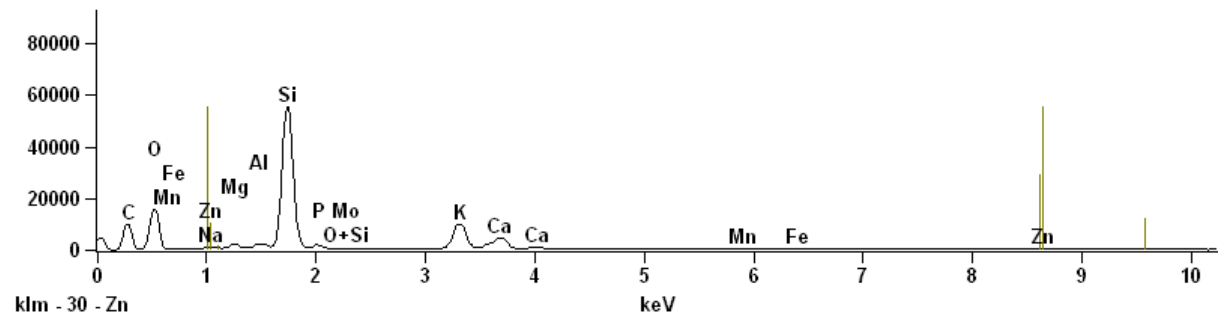
Auto Phases From Counts

Phase5

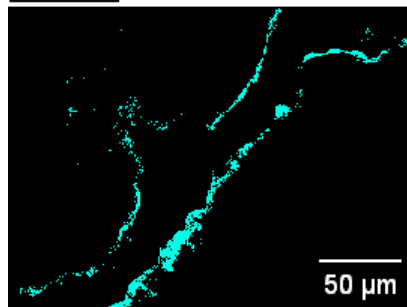


Full scale counts: 55075

4Cyc 500x (1) Phase5

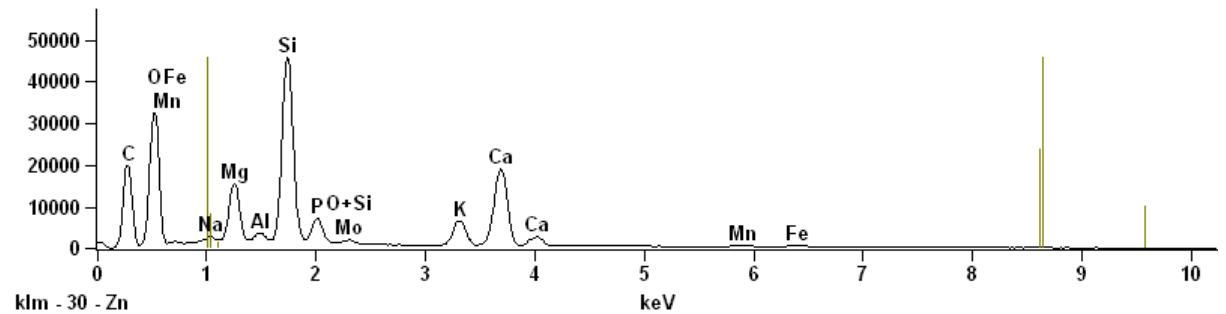


Phase6



Full scale counts: 45701

4Cyc 500x (1) Phase6



Project: Copy (2) of SEMÅA

*Quantitative Results for: 4Cyc 500x (1) Phase1*

<i>Element Line</i>	<i>Weight %</i>	<i>Weight % Error</i>	<i>Atom %</i>	<i>Formul a</i>	<i>Compnd %</i>
<i>O K</i>	52.97S	---	66.58		---
<i>Mg K</i>	0.03	+/- 0.00	0.03	MgO	0.05
<i>Si K</i>	46.41	+/- 0.09	33.24	SiO2	99.29
<i>Ca K</i>	0.13	+/- 0.01	0.07	CaO	0.18
<i>Fe K</i>	0.04	+/- 0.01	0.01	Fe2O3	0.05
<i>In L</i>	0.42	+/- 0.02	0.07	In	0.42
<i>Total</i>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA

*Quantitative results are unavailable for 4Cyc 500x (1) Phase2.*

*Quantitative results are unavailable for 4Cyc 500x (1) Phase2.*



Project: Copy (2) of SEMÅA

*Quantitative Results for: 4Cyc 500x (1) Phase3*

<i>Element Line</i>	<i>Weight %</i>	<i>Weight % Error</i>	<i>Atom %</i>	<i>Formul a</i>	<i>Compnd %</i>
<i>O K</i>	43.68S	---	60.43		---
<i>Na K</i>	1.27	+/- 0.10	1.22	Na2O	1.71
<i>Mg K</i>	1.40	+/- 0.01	1.28	MgO	2.33
<i>Al K</i>	0.25	+/- 0.01	0.20	Al2O3	0.47
<i>Si K</i>	31.13	+/- 0.06	24.53	SiO2	66.60
<i>P K</i>	0.79	+/- 0.01	0.56	P2O5	1.80
<i>K K</i>	14.61	+/- 0.04	8.27	K2O	17.60
<i>Ca K</i>	5.10	+/- 0.02	2.82	CaO	7.14
<i>Mn K</i>	0.80	+/- 0.02	0.32	MnO	1.03
<i>Fe K</i>	0.61	+/- 0.02	0.24	Fe2O3	0.87
<i>Zn K</i>	0.37	+/- 0.03	0.12	ZnO	0.46
<i>Total</i>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA

*Quantitative Results for: 4Cyc 500x (1) Phase4*

<i>Element Line</i>	<i>Weight %</i>	<i>Weight % Error</i>	<i>Atom %</i>	<i>Formul a</i>	<i>Compnd %</i>
<i>O K</i>	41.27S	---	59.75		---
<i>Mg K</i>	2.13	+/- 0.02	2.03	MgO	3.53
<i>Al K</i>	0.32	+/- 0.02	0.28	Al <sub>2</sub> O <sub>3</sub>	0.61
<i>Si K</i>	23.14	+/- 0.06	19.08	SiO <sub>2</sub>	49.49
<i>P K</i>	1.47	+/- 0.01	1.10	P <sub>2</sub> O <sub>5</sub>	3.37
<i>K K</i>	5.73	+/- 0.04	3.40	K <sub>2</sub> O	6.90
<i>Ca K</i>	22.32	+/- 0.08	12.90	CaO	31.23
<i>Mn K</i>	1.22	+/- 0.05	0.51	MnO	1.57
<i>Fe K</i>	1.61	+/- 0.06	0.67	Fe <sub>2</sub> O <sub>3</sub>	2.30
<i>Zn K</i>	0.80	+/- 0.07	0.28	ZnO	0.99
<i>Total</i>	100.00		100.00		100.00

*Quantitative Results for: 4Cyc 500x (1) Phase5*

<i>Element Line</i>	<i>Weight %</i>	<i>Weight % Error</i>	<i>Atom %</i>	<i>Formul a</i>	<i>Compnd %</i>
<i>O K</i>	44.69S	---	61.73		---
<i>Na K</i>	0.40	+/- 0.03	0.38	Na2O	0.54
<i>Mg K</i>	0.70	+/- 0.01	0.63	MgO	1.16
<i>Al K</i>	0.71	+/- 0.01	0.58	Al2O3	1.34
<i>Si K</i>	31.94	+/- 0.08	25.14	SiO2	68.34
<i>P K</i>	1.07	+/- 0.04	0.76	P2O5	2.45
<i>K K</i>	11.11	+/- 0.07	6.28	K2O	13.38
<i>Ca K</i>	5.62	+/- 0.04	3.10	CaO	7.86
<i>Mn K</i>	1.06	+/- 0.06	0.43	MnO	1.37
<i>Fe K</i>	1.41	+/- 0.07	0.56	Fe2O3	2.01
<i>Zn K</i>	1.07	+/- 0.18	0.36	ZnO	1.33
<i>Mo L</i>	0.23	+/- 0.03	0.05	Mo	0.23
<i>Total</i>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA

*Quantitative Results for: 4Cyc 500x (1) Phase6*

<i>Element Line</i>	<i>Weight %</i>	<i>Weight % Error</i>	<i>Atom %</i>	<i>Formul a</i>	<i>Compnd %</i>
<i>O K</i>	41.65S	---	59.37		---
<i>Na K</i>	0.78	+/- 0.04	0.78	Na2O	1.05
<i>Mg K</i>	5.74	+/- 0.04	5.39	MgO	9.52
<i>Al K</i>	0.71	+/- 0.02	0.60	Al2O3	1.34
<i>Si K</i>	19.94	+/- 0.07	16.19	SiO2	42.65
<i>P K</i>	3.57	+/- 0.06	2.63	P2O5	8.18
<i>K K</i>	4.92	+/- 0.05	2.87	K2O	5.93
<i>Ca K</i>	18.95	+/- 0.08	10.78	CaO	26.51
<i>Mn K</i>	1.36	+/- 0.04	0.56	MnO	1.75
<i>Fe K</i>	1.57	+/- 0.08	0.64	Fe2O3	2.25
<i>Mo L</i>	0.82	+/- 0.06	0.19	Mo	0.82
<i>Total</i>	100.00		100.00		100.00

Project: Copy (2) of SEMÅA

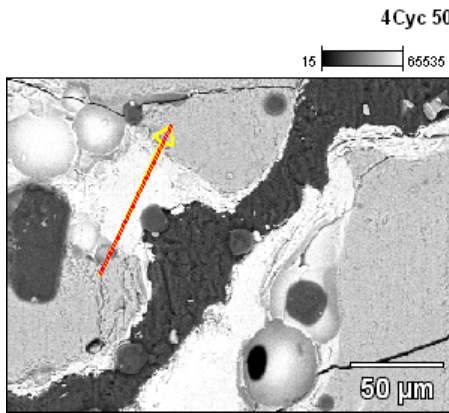
## **Segments**

*No segmentation data is available.*

### Combinations

<i>Combinations</i>	<i>Color</i>	<i>Area %</i>	<i>Combinations</i>
<i>Phase1</i>	Custom	38.13	C 1
<i>Phase2</i>	Custom	23.20	C 2
<i>Phase3</i>	Custom	25.60	C 3, C 13
<i>Phase4</i>	Custom	4.27	C 4
<i>Phase5</i>	Custom	5.98	C 5, C 10
<i>Phase6</i>	Custom	2.81	C 7

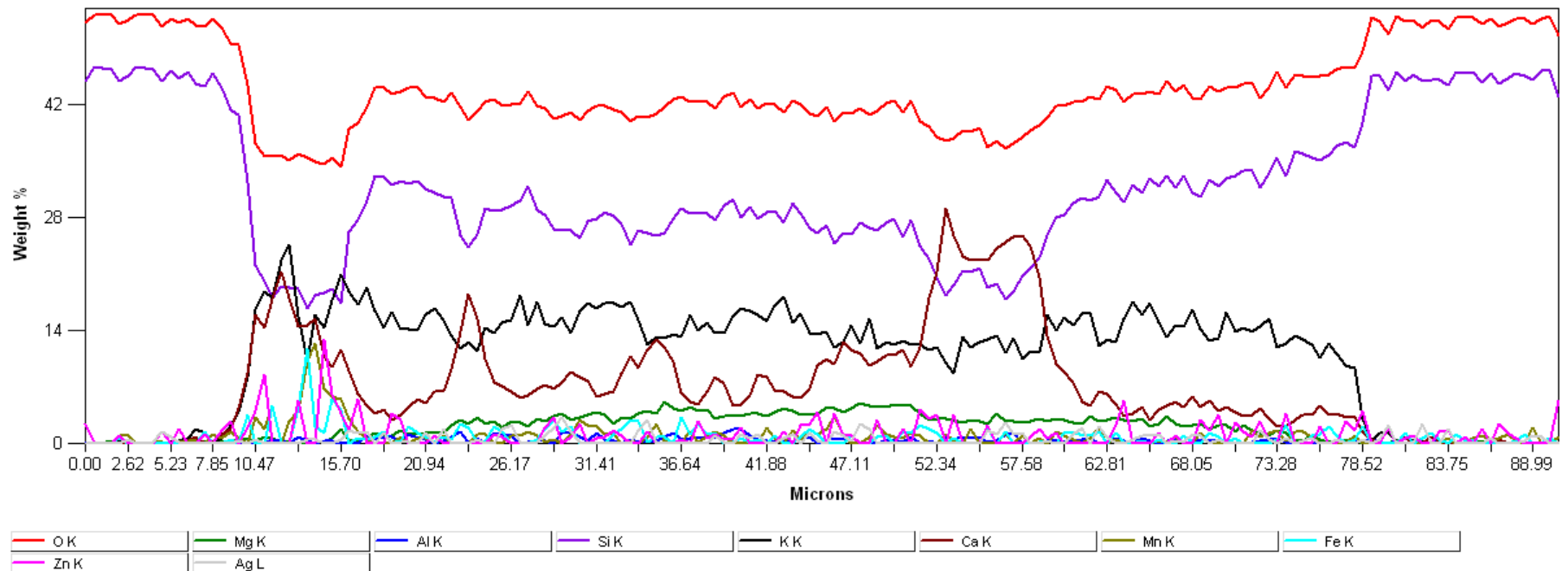
Project: Copy (2) of SEMÅA

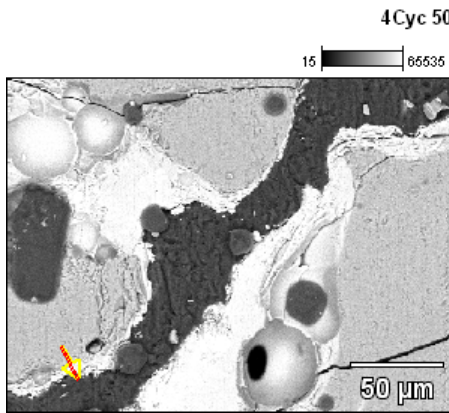


Accelerating Voltage: 15.0 kV

Magnification: 500

4Cyc 500x (1)Extract





Accelerating Voltage: 15.0 kV

Magnification: 500

4Cyc 500x (1)Extract

