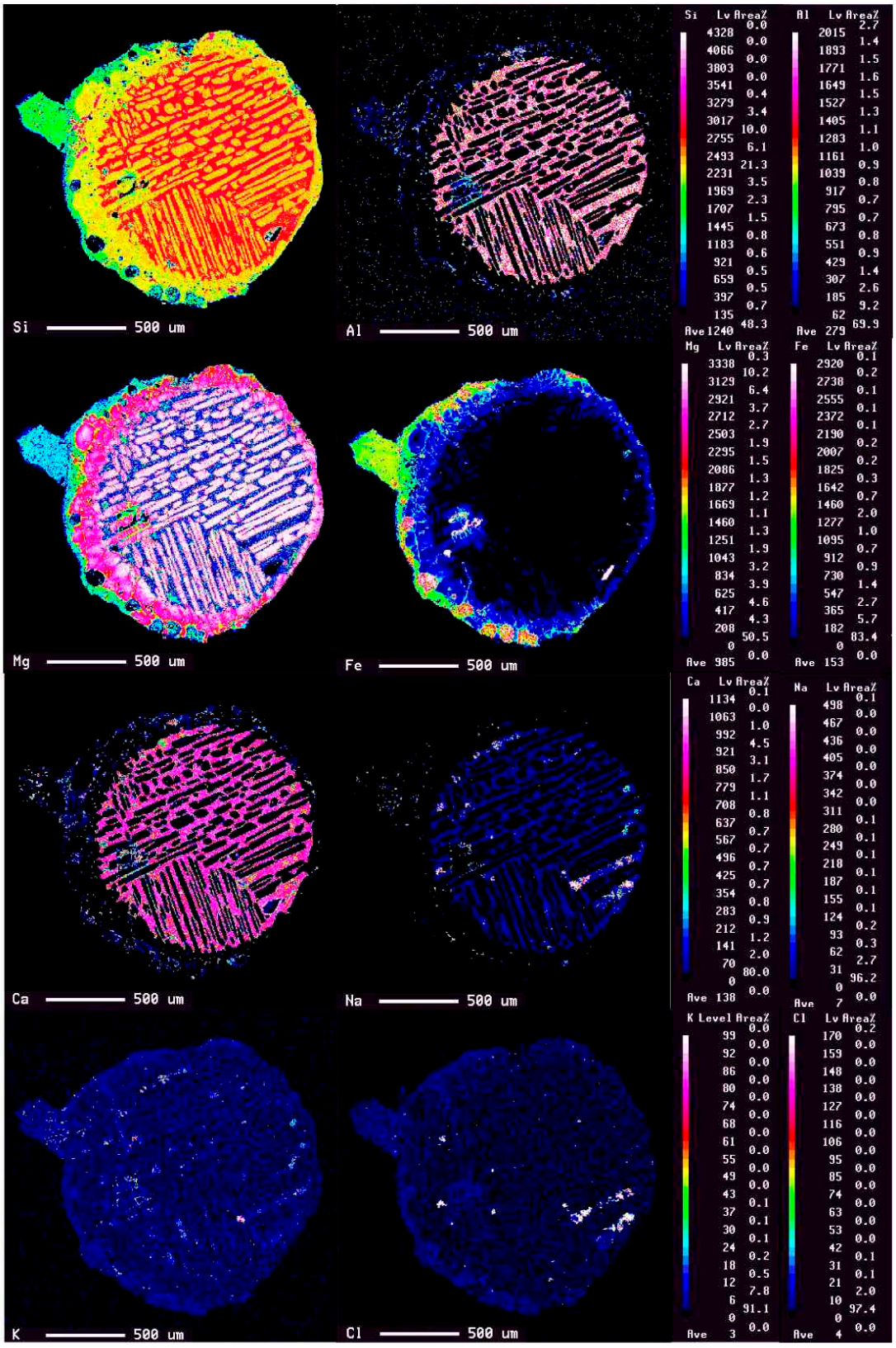
Supplementary Figure S2

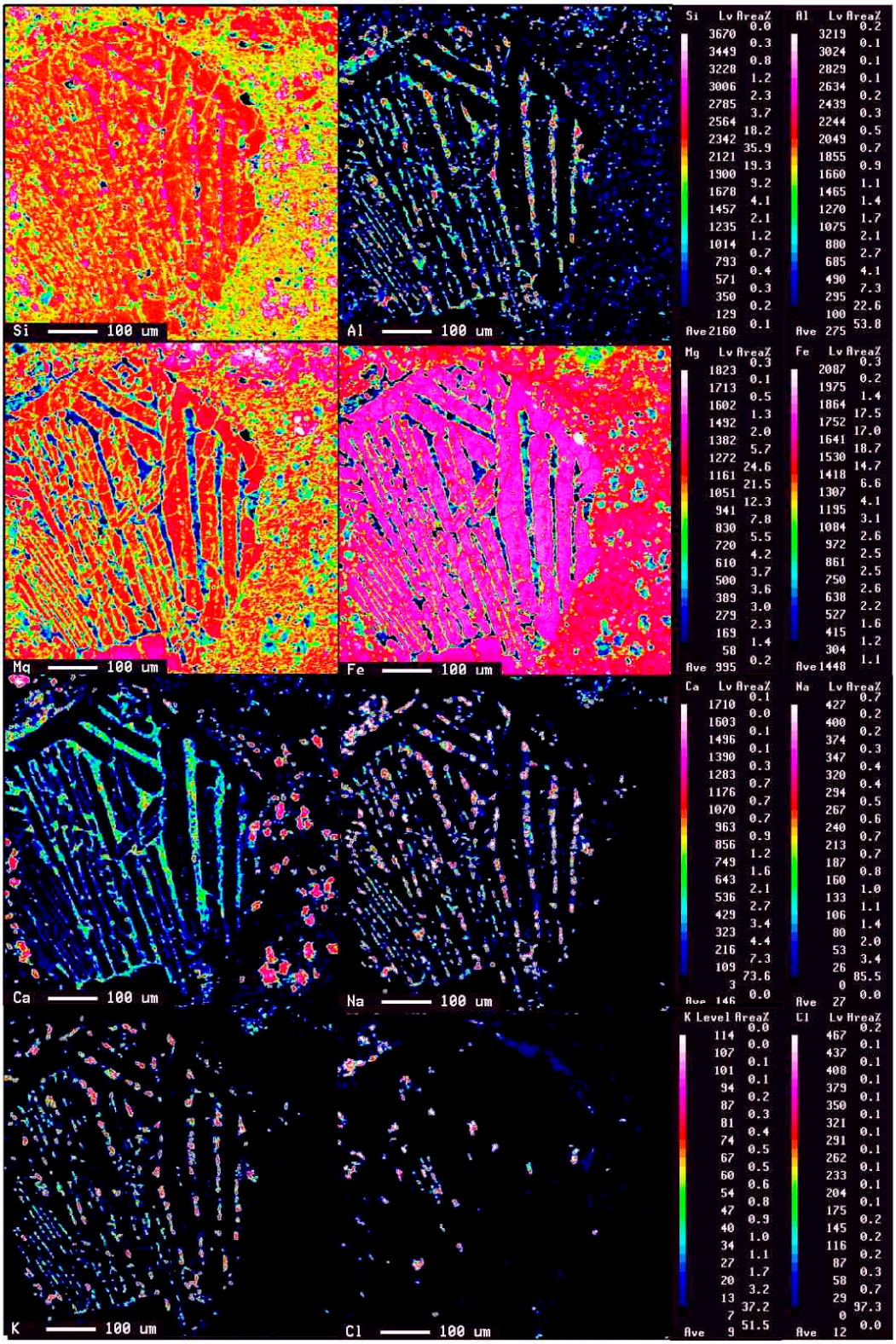
Compositional map (CM) of the 37 fragments of the chondrules and CAIs

X-ray images of SiKα, AlKα, MgKα, FeKα, CaKα, NaKα, KKα and ClKα

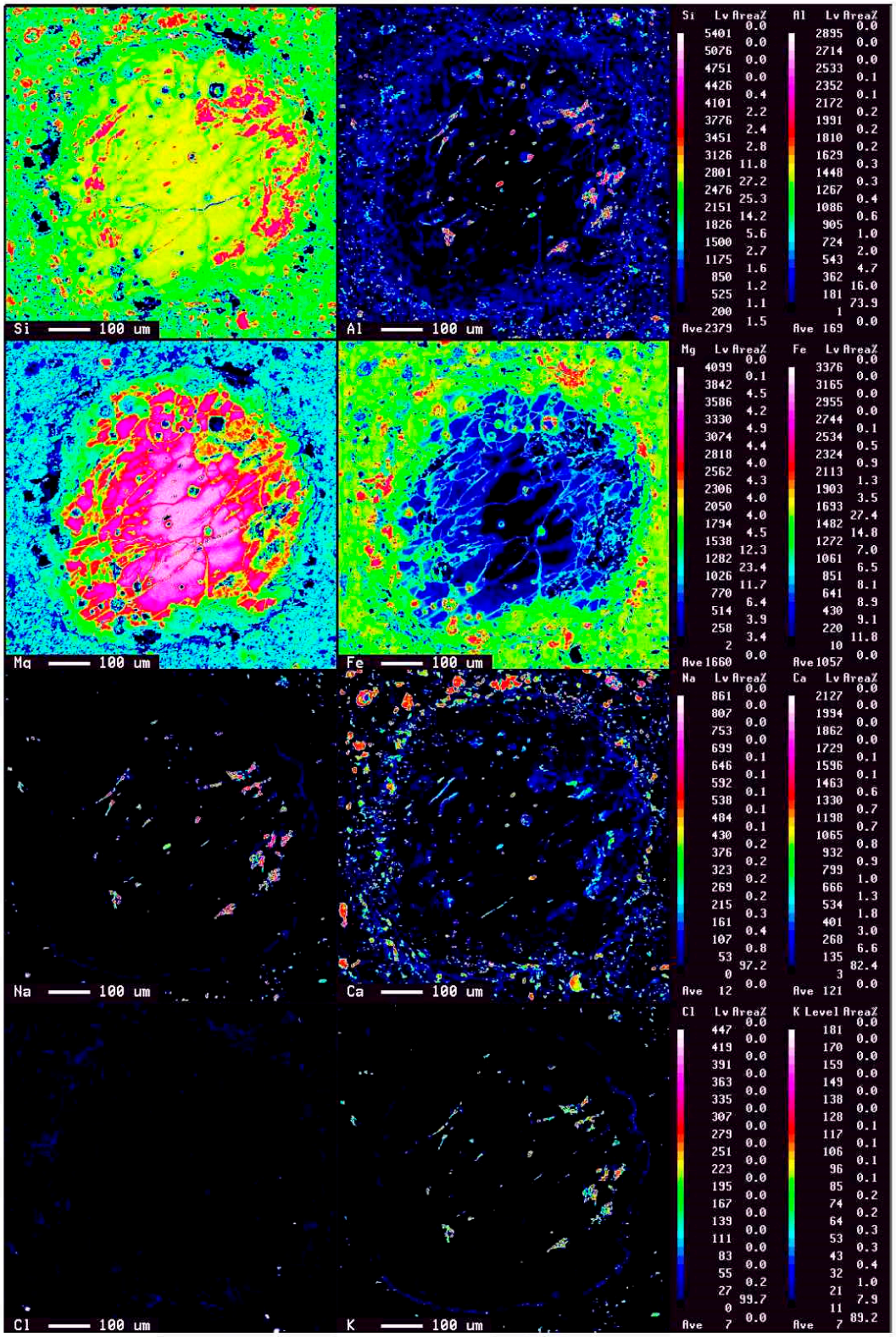
BOC-01


Si
500 um
Al
500 um
Mg
500 um
Fe
500 um
Ca
500 um
Na
500 um
K
500 um
Cl
500 um

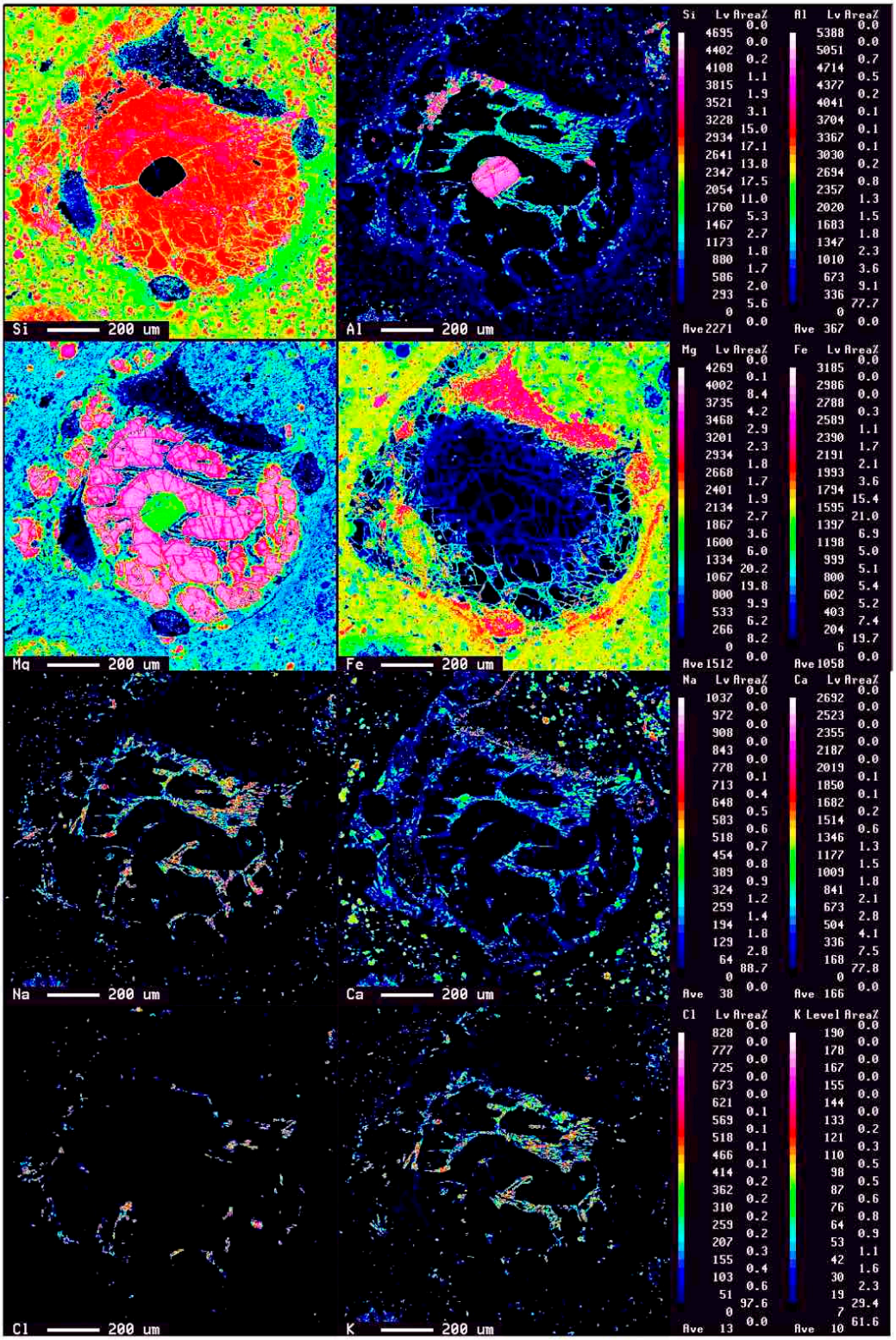
BOC-02


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Ca 100 um
Na 100 um
K 100 um
Cl 100 um
Si Lv AreaZ
3670 0.0
3449 0.3
3228 0.8
3006 1.2
2785 2.3
2564 3.7
2342 18.2
2121 35.9
1900 19.3
1678 9.2
1457 4.1
1235 2.1
1014 1.2
793 0.7
571 0.4
350 0.3
129 0.2
Ave 2160 0.1
Al Lv AreaZ
3219 0.2
3024 0.1
2829 0.1
2634 0.1
2439 0.2
2244 0.3
2049 0.5
1855 0.7
1660 0.9
1465 1.1
1270 1.4
1075 1.7
880 2.1
685 2.7
490 4.1
295 7.3
100 22.6
Ave 275 53.8
Mg Lv AreaZ
1823 0.3
1713 0.1
1602 0.5
1492 1.3
1382 2.0
1272 5.7
1161 24.6
1051 21.5
941 12.3
830 7.8
720 5.5
610 4.2
500 3.7
389 3.6
279 3.0
169 2.3
58 1.4
Ave 995 0.2
Fe Lv AreaZ
2087 0.3
1975 0.2
1864 1.4
1752 17.5
1641 17.0
1530 18.7
1418 14.7
1307 6.6
1195 4.1
1084 3.1
972 2.6
861 2.5
750 2.5
638 2.6
527 2.2
415 1.6
304 1.2
Ave 1448 1.1
Ca Lv AreaZ
1710 0.1
1603 0.0
1496 0.1
1390 0.1
1283 0.3
1176 0.7
1070 0.7
963 0.7
856 0.9
749 1.2
643 1.6
536 2.1
429 2.7
323 3.4
216 4.4
109 7.3
3 73.6
Ave 146 0.0
Na Lv AreaZ
427 0.7
400 0.2
374 0.2
347 0.3
320 0.4
294 0.4
267 0.5
240 0.6
213 0.7
187 0.7
160 0.8
133 1.0
106 1.1
80 1.4
53 2.0
26 3.4
0 85.5
Ave 27 0.0
K Level AreaZ
114 0.0
107 0.0
101 0.1
94 0.1
87 0.2
81 0.3
74 0.4
67 0.5
60 0.5
54 0.6
47 0.8
40 0.9
34 1.0
27 1.1
20 1.7
13 3.2
7 37.2
Ave 9 51.5
Cl Lv AreaZ
467 0.2
437 0.1
408 0.1
379 0.1
350 0.1
321 0.1
291 0.1
262 0.1
233 0.1
204 0.1
175 0.2
145 0.2
116 0.2
87 0.3
58 0.7
29 97.3
0 0.0
Ave 12

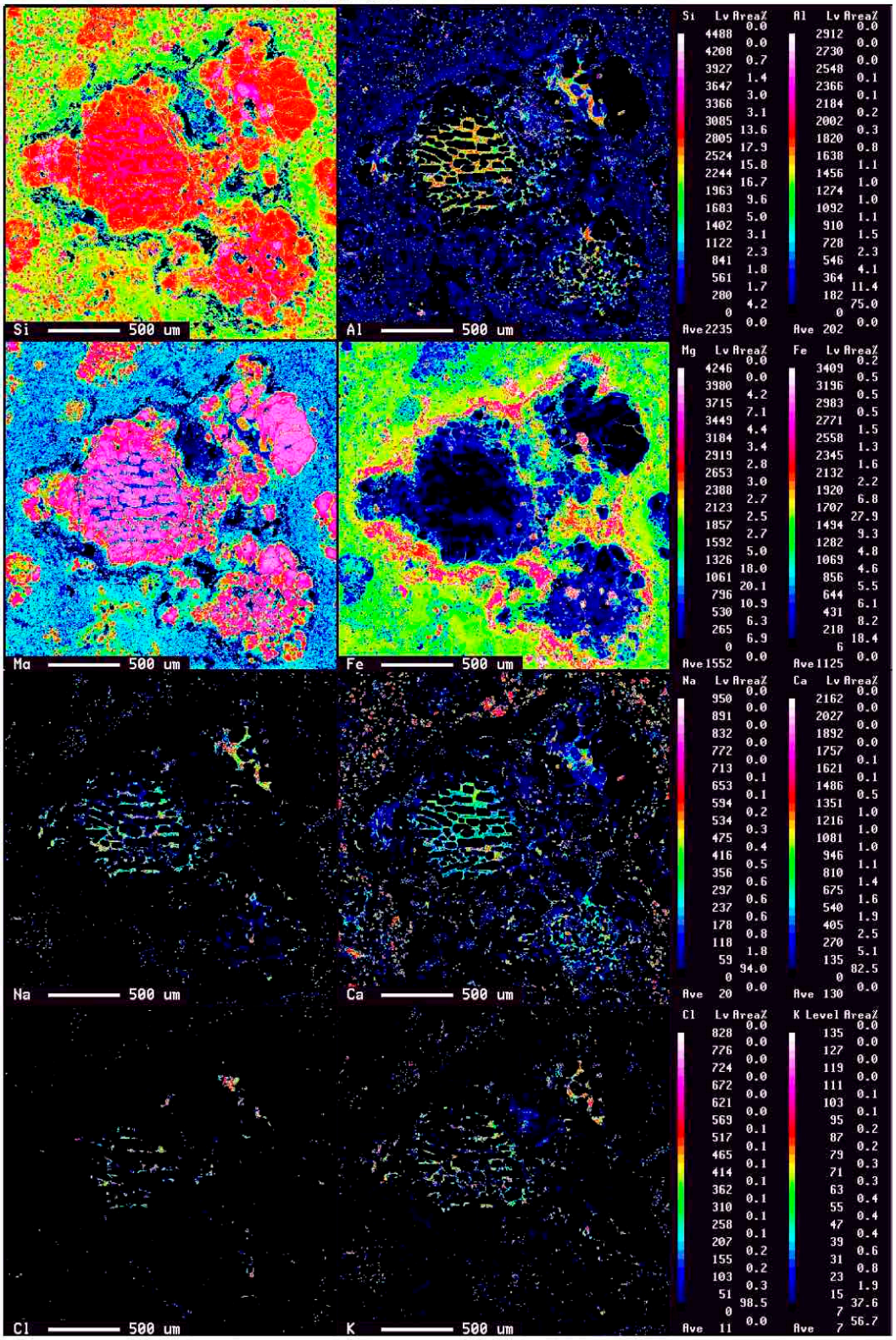
BOC-03


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Na 100 um
Ca 100 um
Cl 100 um
K 100 um
Si Lv AreaZ
5401 0.0
5076 0.0
4751 0.0
4426 0.0
4101 0.4
3776 2.2
3451 2.4
3126 2.8
2801 11.8
2476 27.2
2151 25.3
1826 14.2
1500 5.6
1175 2.7
850 1.6
525 1.2
200 1.1
Ave 2379 1.5
Al Lv AreaZ
2895 0.0
2714 0.0
2533 0.1
2352 0.1
2172 0.2
1991 0.2
1810 0.2
1629 0.3
1448 0.3
1267 0.4
1086 0.6
905 1.0
724 2.0
543 4.7
362 16.0
181 73.9
1 0.0
Ave 169
Mg Lv AreaZ
4099 0.0
3842 0.1
3586 4.5
3330 4.2
3074 4.9
2818 4.4
2562 4.0
2306 4.3
2050 4.0
1794 4.0
1538 4.5
1282 12.3
1026 23.4
770 11.7
514 6.4
258 3.9
2 3.4
Ave 1660 0.0
Fe Lv AreaZ
3376 0.0
3165 0.0
2955 0.0
2744 0.1
2534 0.5
2324 0.9
2113 1.3
1903 3.5
1693 27.4
1482 14.8
1272 7.0
1061 6.5
851 8.1
641 8.9
430 9.1
220 11.8
10 0.0
Ave 1057
Na Lv AreaZ
861 0.0
807 0.0
753 0.0
699 0.0
646 0.1
592 0.1
538 0.1
484 0.1
430 0.1
376 0.2
323 0.2
269 0.2
215 0.2
161 0.3
107 0.4
53 0.8
0 97.2
Ave 12 0.0
Ca Lv AreaZ
2127 0.0
1994 0.0
1862 0.0
1729 0.0
1596 0.1
1463 0.1
1330 0.6
1198 0.7
1065 0.7
932 0.8
799 0.9
666 1.0
534 1.3
401 1.8
268 3.0
135 6.6
3 82.4
Ave 121 0.0
Cl Lv AreaZ
447 0.0
419 0.0
391 0.0
363 0.0
335 0.0
307 0.0
279 0.0
251 0.0
223 0.0
195 0.0
167 0.0
139 0.0
111 0.0
83 0.0
55 0.2
27 99.7
0 0.0
Ave 7
K Level AreaZ
181 0.0
170 0.0
159 0.0
149 0.0
138 0.0
128 0.0
117 0.1
106 0.1
96 0.1
85 0.2
74 0.2
64 0.3
53 0.3
43 0.4
32 1.0
21 7.9
11 89.2
Ave 7

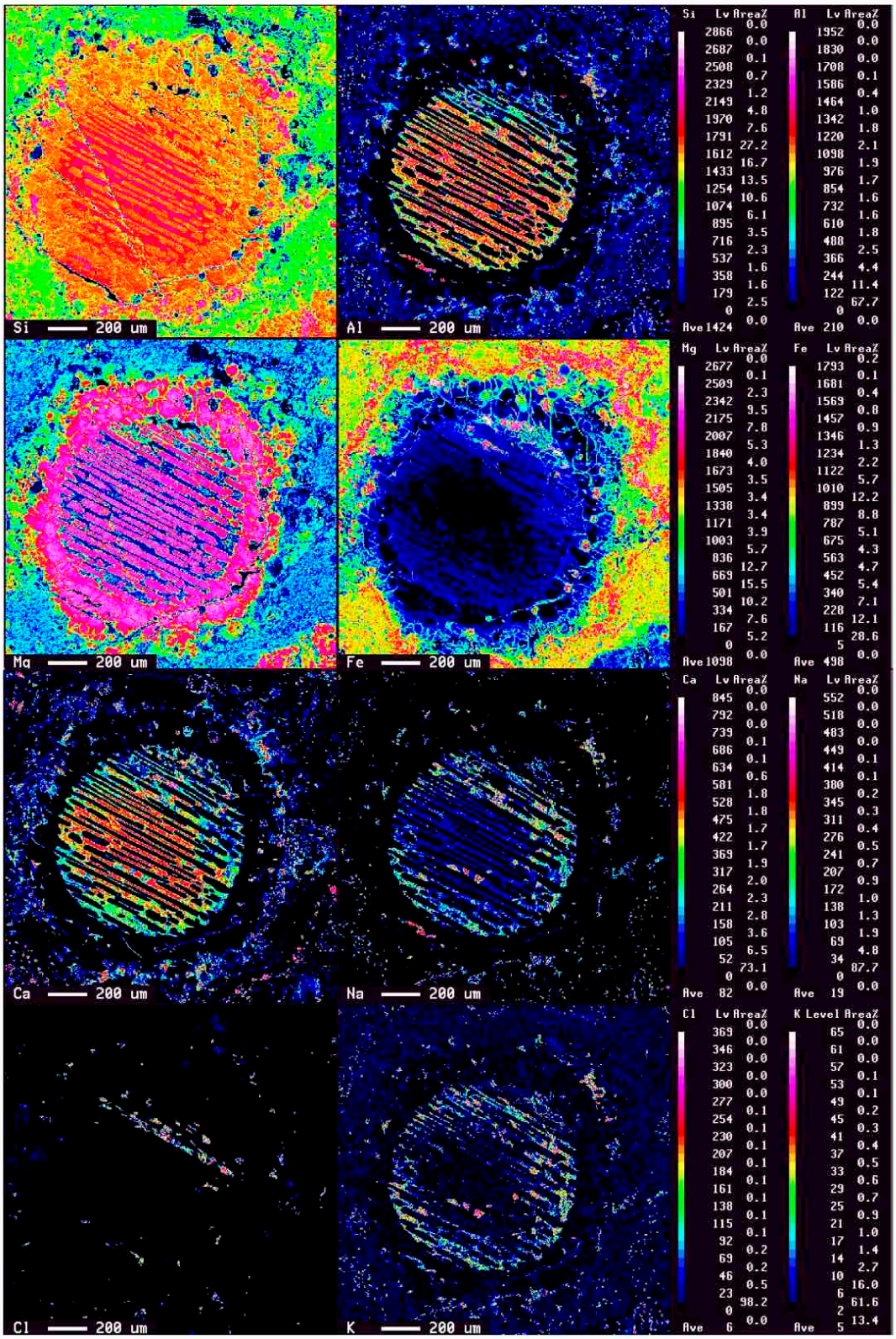
BOC-04


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Na 200 um
Ca 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
4695 0.0
4402 0.0
4108 0.2
3815 1.1
3521 1.9
3228 3.1
2934 15.0
2641 17.1
2347 13.8
2054 17.5
1760 11.0
1467 5.3
1173 2.7
880 1.8
586 1.7
293 2.0
0 5.6
Ave 2271 0.0
Al Lv AreaZ
5388 0.0
5051 0.0
4714 0.7
4377 0.5
4041 0.2
3704 0.1
3367 0.1
3030 0.1
2694 0.2
2357 0.8
2020 1.3
1683 1.5
1347 1.8
1010 2.3
673 3.6
336 9.1
0 77.7
Ave 367 0.0
Mg Lv AreaZ
4269 0.0
4002 0.1
3735 8.4
3468 4.2
3201 2.9
2934 2.3
2668 1.8
2401 1.7
2134 1.9
1867 2.7
1600 3.6
1334 6.0
1067 20.2
800 19.8
533 9.9
266 6.2
0 8.2
Ave 1512 0.0
Fe Lv AreaZ
3185 0.0
2986 0.0
2788 0.3
2589 1.1
2390 1.7
2191 2.1
1993 3.6
1794 15.4
1595 21.0
1397 6.9
1198 5.0
999 5.1
800 5.4
602 5.2
403 7.4
204 19.7
6 0.0
Ave 1058 0.0
Na Lv AreaZ
1037 0.0
972 0.0
908 0.0
843 0.0
778 0.0
713 0.1
648 0.4
583 0.5
518 0.6
454 0.7
389 0.8
324 0.9
259 1.2
194 1.4
129 1.8
64 2.8
0 88.7
Ave 38 0.0
Ca Lv AreaZ
2692 0.0
2523 0.0
2355 0.0
2187 0.0
2019 0.0
1850 0.1
1682 0.1
1514 0.2
1346 0.6
1177 1.3
1009 1.5
841 1.8
673 2.1
504 2.8
336 4.1
168 7.5
0 77.8
Ave 166 0.0
Cl Lv AreaZ
828 0.0
777 0.0
725 0.0
673 0.0
621 0.0
569 0.1
518 0.1
466 0.1
414 0.1
362 0.2
310 0.2
259 0.2
207 0.2
155 0.3
103 0.4
51 0.6
0 97.6
Ave 13 0.0
K Level AreaZ
190 0.0
178 0.0
167 0.0
155 0.0
144 0.0
133 0.0
121 0.2
110 0.3
98 0.5
87 0.5
76 0.6
64 0.8
53 0.9
42 1.1
30 1.6
19 2.3
7 29.4
Ave 10 61.6

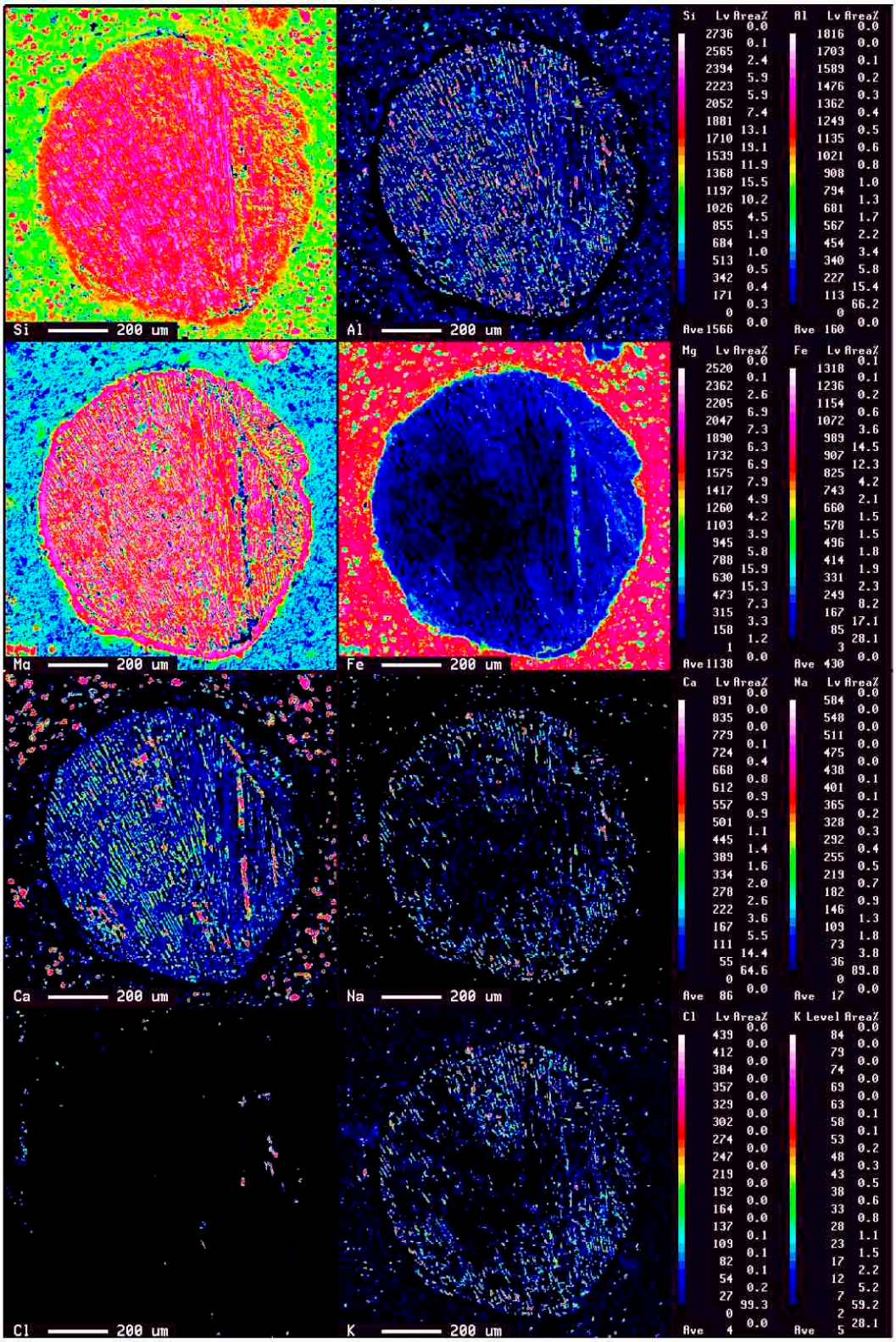
BOC-05


Si 500 um
Al 500 um
Mg 500 um
Fe 500 um
Na 500 um
Ca 500 um
Cl 500 um
K 500 um
Si Lv AreaZ
Al Lv AreaZ
Mg Lv AreaZ
Fe Lv AreaZ
Na Lv AreaZ
Ca Lv AreaZ
Cl Lv AreaZ
K Level AreaZ

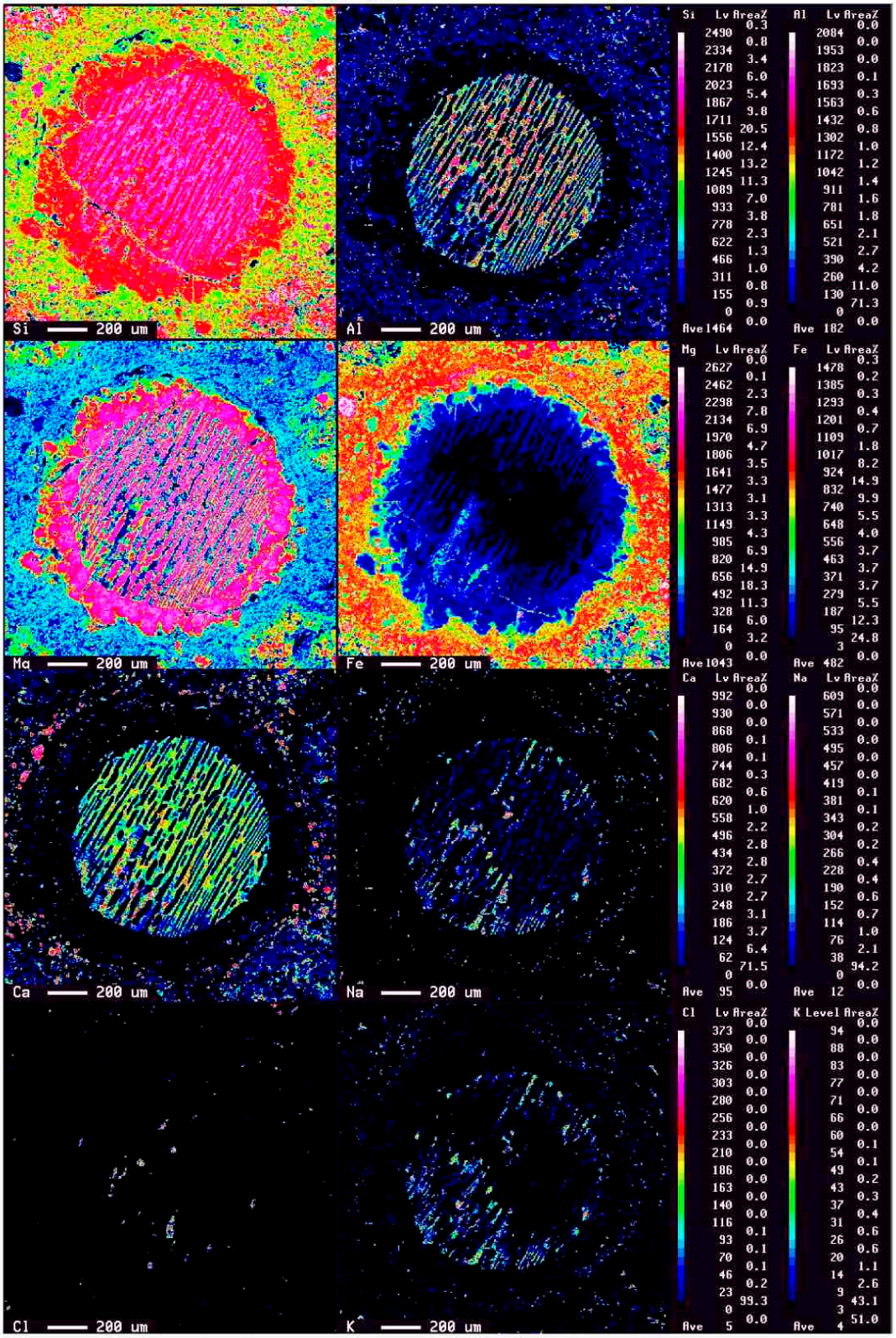
BOC-06


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
2866 0.0
2687 0.0
2508 0.1
2329 0.7
2149 1.2
1970 4.8
1791 7.6
1612 27.2
1433 16.7
1254 13.5
1074 10.6
895 6.1
716 3.5
537 2.3
358 1.6
179 1.6
0 2.5
Ave 1424 0.0
Al Lv AreaZ
1952 0.0
1830 0.0
1708 0.1
1586 0.4
1464 1.0
1342 1.8
1220 2.1
1098 1.9
976 1.7
854 1.6
732 1.6
610 1.8
488 2.5
366 4.4
244 11.4
122 67.7
0 0.0
Ave 210
Mg Lv AreaZ
2677 0.0
2509 0.1
2342 2.3
2175 9.5
2007 7.8
1840 5.3
1673 4.0
1505 3.5
1338 3.4
1171 3.4
1003 3.9
836 5.7
669 12.7
501 15.5
334 10.2
167 7.6
0 5.2
Ave 1098 0.0
Fe Lv AreaZ
1793 0.2
1681 0.1
1569 0.4
1457 0.8
1346 0.9
1234 1.3
1122 2.2
1010 5.7
899 12.2
787 8.8
675 5.1
563 4.3
452 4.7
340 5.4
228 7.1
116 12.1
5 28.6
Ave 498 0.0
Ca Lv AreaZ
845 0.0
792 0.0
739 0.0
686 0.1
634 0.1
581 0.6
528 1.8
475 1.8
422 1.7
369 1.7
317 1.9
264 2.0
211 2.3
158 2.8
105 3.6
52 6.5
0 73.1
Ave 82 0.0
Na Lv AreaZ
552 0.0
518 0.0
483 0.0
449 0.1
414 0.1
380 0.2
345 0.3
311 0.4
276 0.5
241 0.7
207 0.9
172 1.0
138 1.3
103 1.9
69 4.8
34 87.7
0 0.0
Ave 19
Cl Lv AreaZ
369 0.0
346 0.0
323 0.0
300 0.0
277 0.1
254 0.1
230 0.1
207 0.1
184 0.1
161 0.1
138 0.1
115 0.1
92 0.2
69 0.2
46 0.5
23 98.2
0 0.0
Ave 6
K Level AreaZ
65 0.0
61 0.0
57 0.1
53 0.1
49 0.2
45 0.3
41 0.4
37 0.5
33 0.6
29 0.7
25 0.9
21 1.0
17 1.4
14 2.7
10 16.0
6 61.6
2 13.4
Ave 5

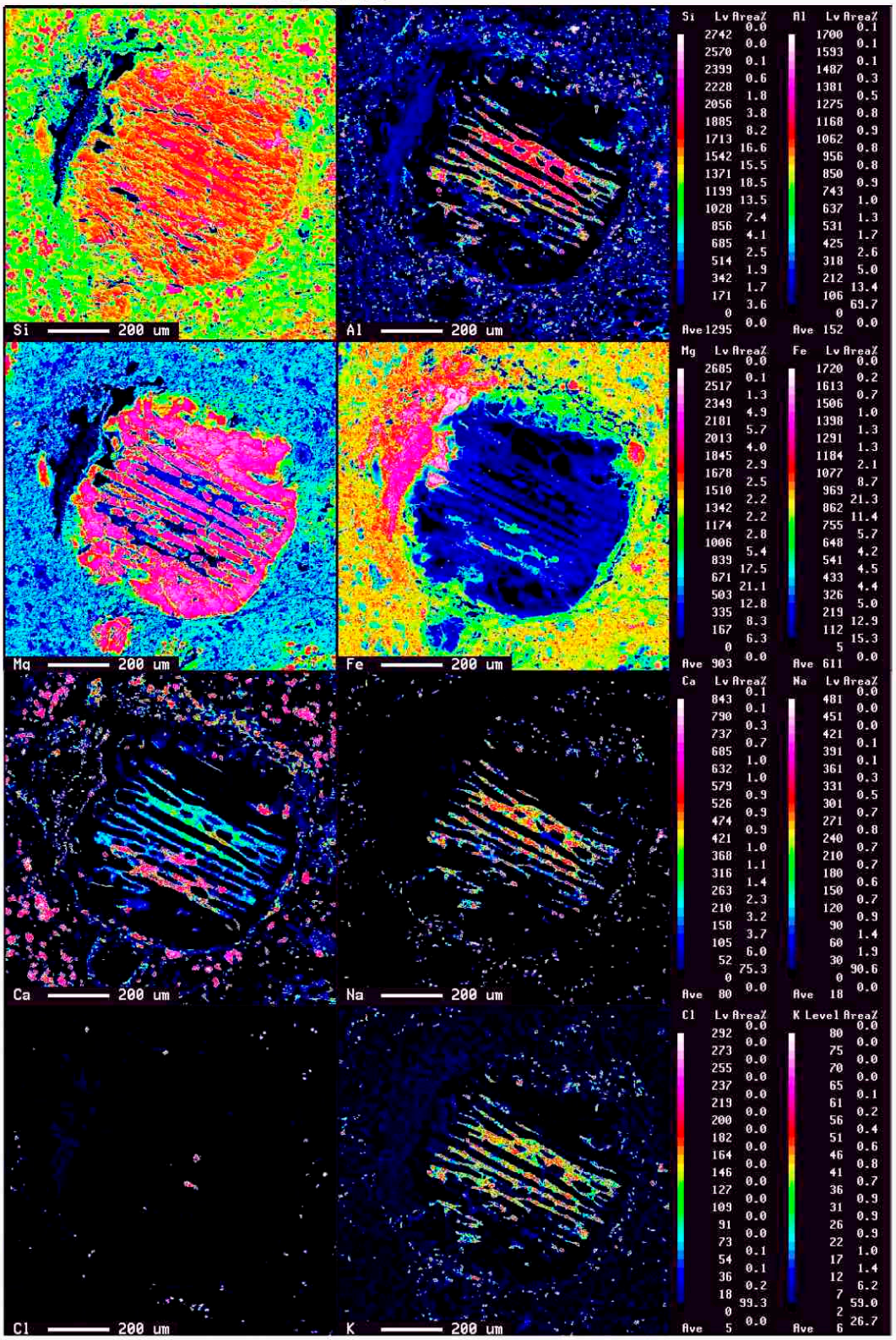
BOC-07


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv Area%
Al Lv Area%
Mg Lv Area%
Fe Lv Area%
Ca Lv Area%
Na Lv Area%
Cl Lv Area%
K Level Area%

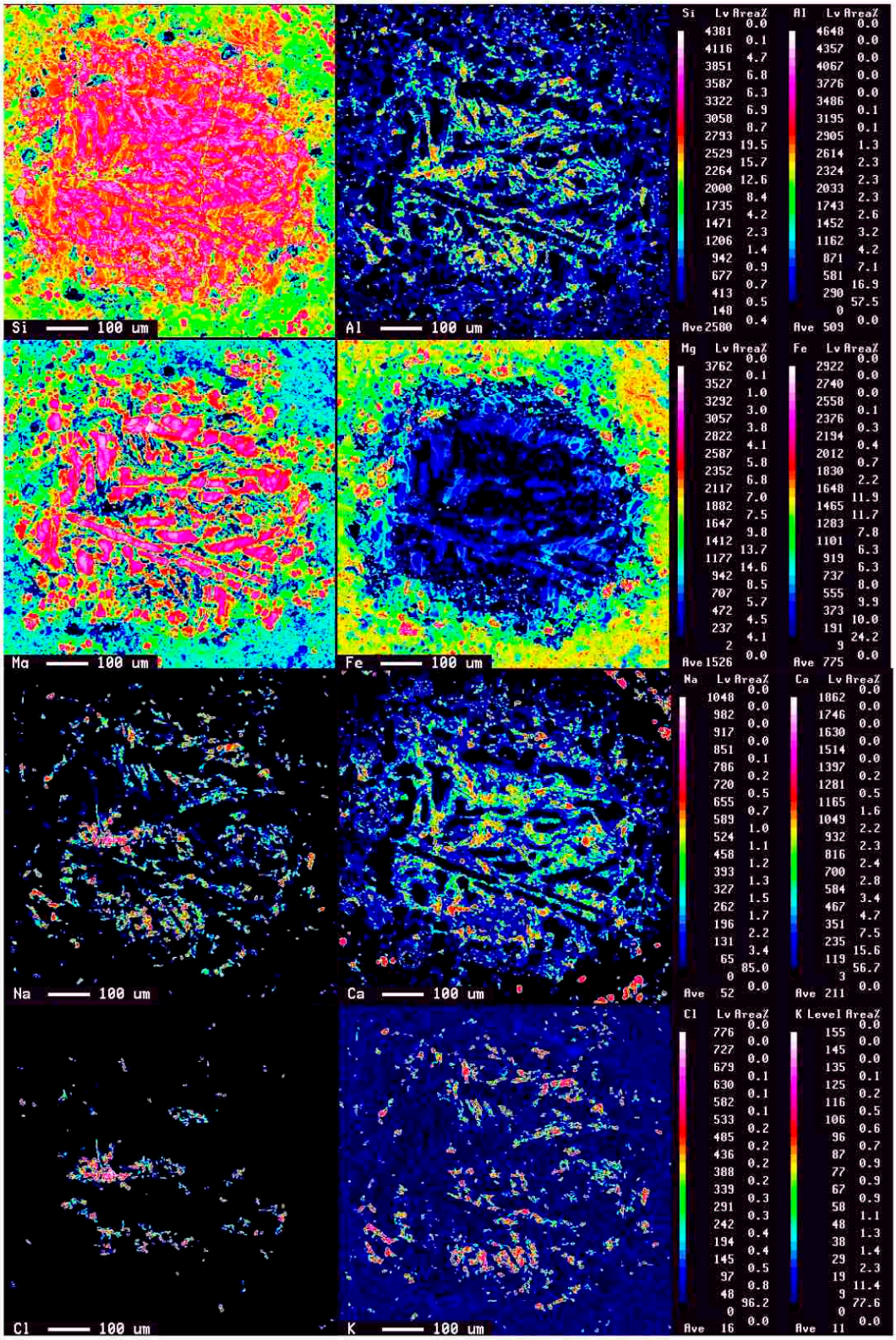
BOC-08


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
Al Lv AreaZ
Mg Lv AreaZ
Fe Lv AreaZ
Ca Lv AreaZ
Na Lv AreaZ
Cl Lv AreaZ
K Level AreaZ

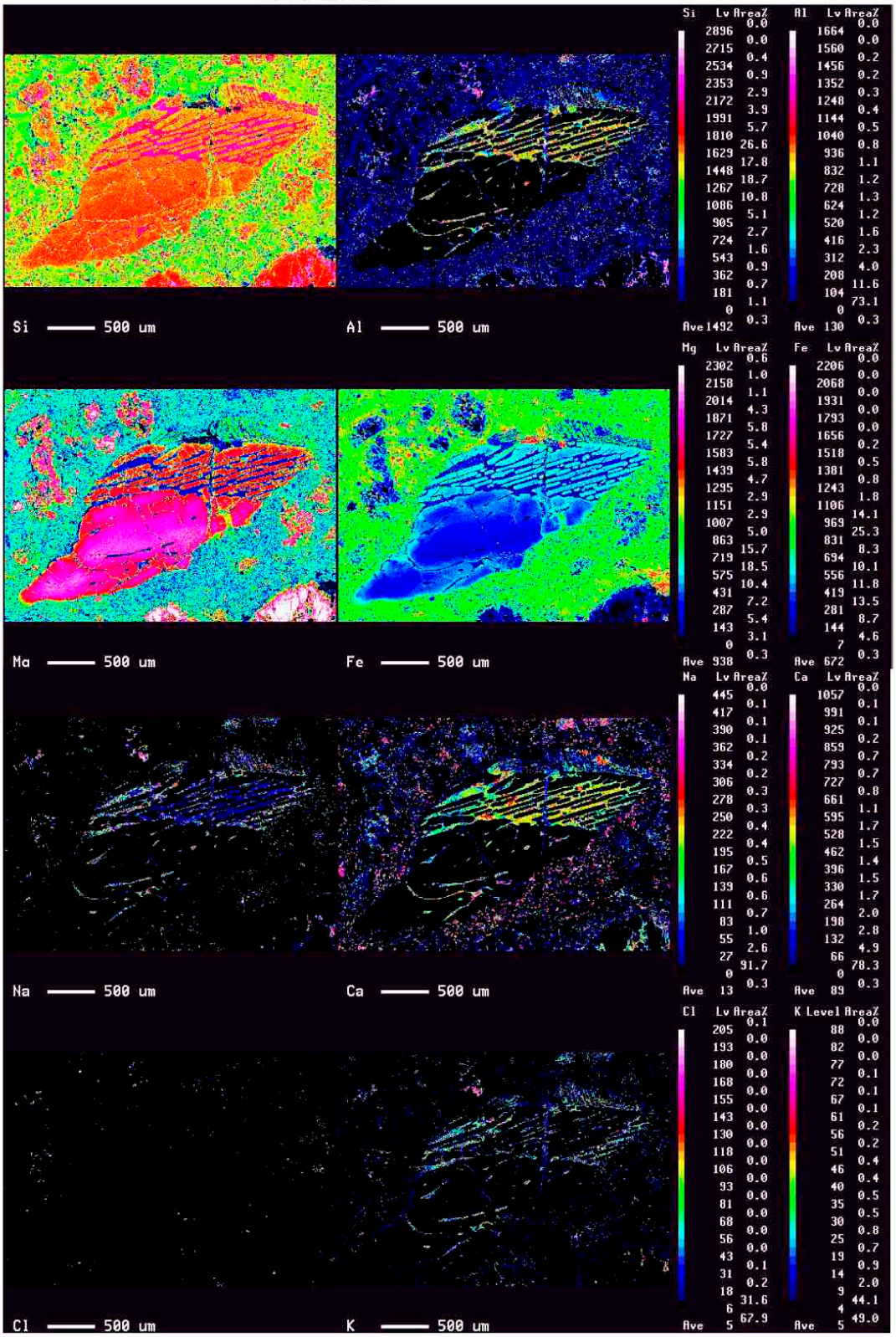
BOC-09


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv Area%
2742 0.0
2570 0.0
2399 0.1
2228 0.6
2056 1.8
1885 3.8
1713 8.2
1542 16.6
1371 15.5
1199 18.5
1028 13.5
856 7.4
685 4.1
514 2.5
342 1.9
171 1.7
0 3.6
Ave 1295 0.0
Al Lv Area%
1700 0.1
1593 0.1
1487 0.1
1381 0.3
1275 0.5
1168 0.8
1062 0.9
956 0.8
850 0.8
743 0.9
637 1.0
531 1.3
425 1.7
318 2.6
212 5.0
106 13.4
0 69.7
Ave 152 0.0
Mg Lv Area%
2685 0.0
2517 0.1
2349 1.3
2181 4.9
2013 5.7
1845 4.0
1678 2.9
1510 2.5
1342 2.2
1174 2.2
1006 2.8
839 5.4
671 17.5
503 21.1
335 12.8
167 8.3
0 6.3
Ave 903 0.0
Fe Lv Area%
1720 0.0
1613 0.2
1506 0.7
1398 1.0
1291 1.3
1184 1.3
1077 2.1
969 8.7
862 21.3
755 11.4
648 5.7
541 4.2
433 4.5
326 4.4
219 5.0
112 12.9
5 15.3
Ave 611 0.0
Ca Lv Area%
843 0.1
790 0.1
737 0.3
685 0.7
632 1.0
579 1.0
526 0.9
474 0.9
421 0.9
368 1.0
316 1.1
263 1.4
210 2.3
158 3.2
105 3.7
52 6.0
0 75.3
Ave 80 0.0
Na Lv Area%
481 0.0
451 0.0
421 0.0
391 0.1
361 0.1
331 0.3
301 0.5
271 0.7
240 0.8
210 0.7
180 0.7
150 0.6
120 0.7
90 0.9
60 1.4
30 1.9
0 90.6
Ave 18 0.0
Cl Lv Area%
292 0.0
273 0.0
255 0.0
237 0.0
219 0.0
200 0.0
182 0.0
164 0.0
146 0.0
127 0.0
109 0.0
91 0.0
73 0.1
54 0.1
36 0.2
18 99.3
0 0.0
Ave 5
K Level Area%
80 0.0
75 0.0
70 0.0
65 0.0
61 0.1
56 0.2
51 0.4
46 0.6
41 0.8
36 0.7
31 0.9
26 0.9
22 0.9
17 1.0
12 1.4
7 6.2
2 59.0
Ave 6 26.7

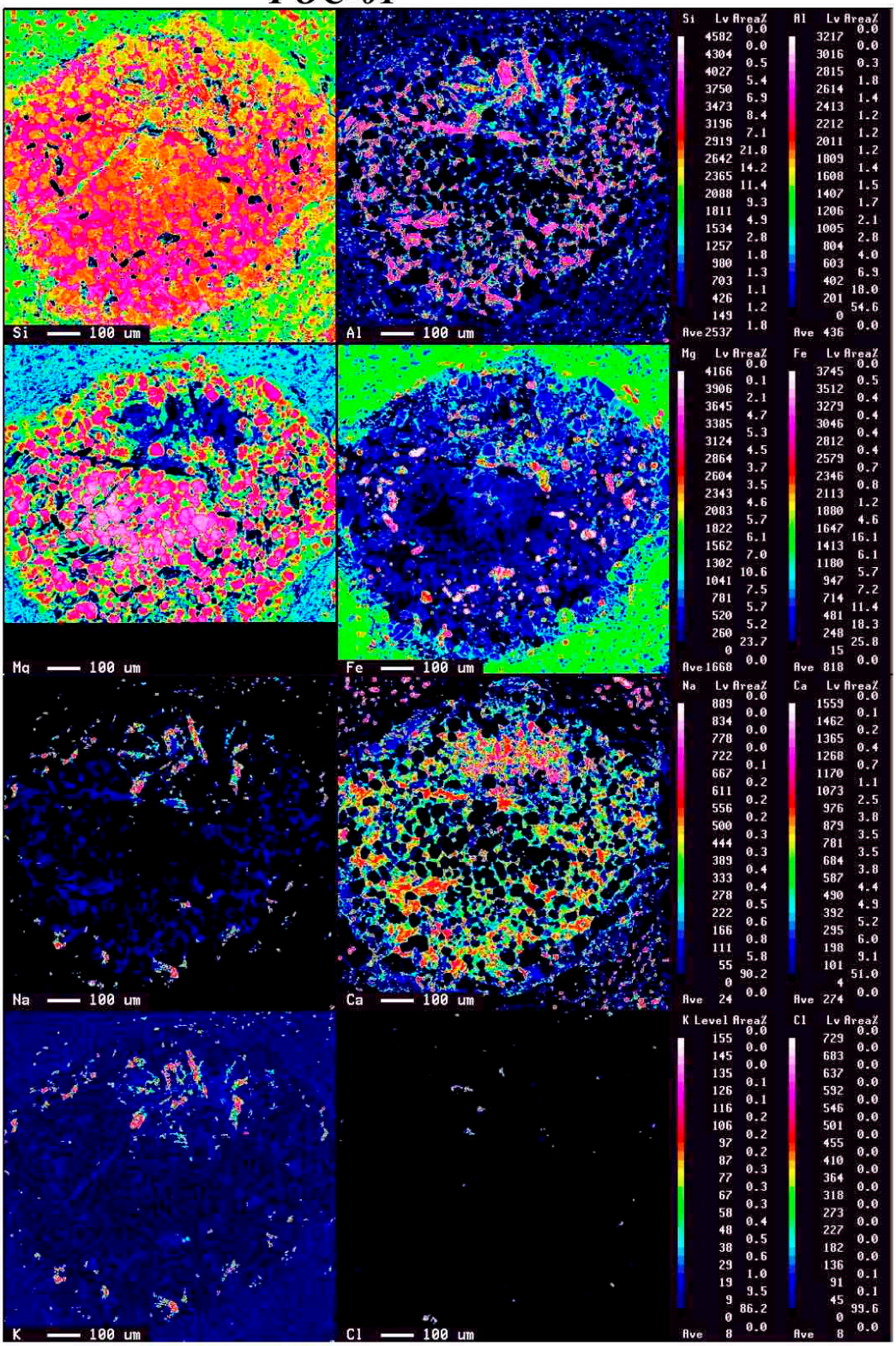
BOC-10


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Na 100 um
Ca 100 um
Cl 100 um
K 100 um
Si Lv Area%
4381 0.0
4116 0.1
3851 4.7
3587 6.8
3322 6.3
3058 6.9
2793 8.7
2529 19.5
2264 15.7
2000 12.6
1735 8.4
1471 4.2
1206 2.3
942 1.4
677 0.9
413 0.7
148 0.5
Ave 2580 0.4
Al Lv Area%
4648 0.0
4357 0.0
4067 0.0
3776 0.0
3486 0.0
3195 0.1
2905 0.1
2614 1.3
2324 2.3
2033 2.3
1743 2.3
1452 2.6
1162 3.2
871 4.2
581 7.1
290 16.9
0 57.5
Ave 509 0.0
Mg Lv Area%
3762 0.0
3527 0.1
3292 1.0
3057 3.0
2822 3.8
2587 4.1
2352 5.8
2117 6.8
1882 7.0
1647 7.5
1412 9.8
1177 13.7
942 14.6
707 8.5
472 5.7
237 4.5
2 4.1
Ave 1526 0.0
Fe Lv Area%
2922 0.0
2740 0.0
2558 0.0
2376 0.1
2194 0.3
2012 0.4
1830 0.7
1648 2.2
1465 11.9
1283 11.7
1101 7.8
919 6.3
737 6.3
555 8.0
373 9.9
191 10.0
9 24.2
Ave 775 0.0
Na Lv Area%
1048 0.0
982 0.0
917 0.0
851 0.0
786 0.1
720 0.2
655 0.5
589 0.7
524 1.0
458 1.1
393 1.2
327 1.3
262 1.5
196 1.7
131 2.2
65 3.4
0 85.0
Ave 52 0.0
Ca Lv Area%
1862 0.0
1746 0.0
1630 0.0
1514 0.0
1397 0.0
1281 0.2
1165 0.5
1049 1.6
932 2.2
816 2.3
700 2.4
584 2.8
467 3.4
351 4.7
235 7.5
119 15.6
3 56.7
Ave 211 0.0
Cl Lv Area%
776 0.0
727 0.0
679 0.0
630 0.1
582 0.1
533 0.1
485 0.2
436 0.2
388 0.2
339 0.2
291 0.3
242 0.3
194 0.4
145 0.4
97 0.5
48 0.8
0 96.2
Ave 16 0.0
K Level Area%
155 0.0
145 0.0
135 0.0
125 0.1
116 0.2
106 0.5
96 0.6
87 0.7
77 0.9
67 0.9
58 0.9
48 1.1
38 1.3
29 1.4
19 2.3
9 11.4
0 77.6
Ave 11 0.0

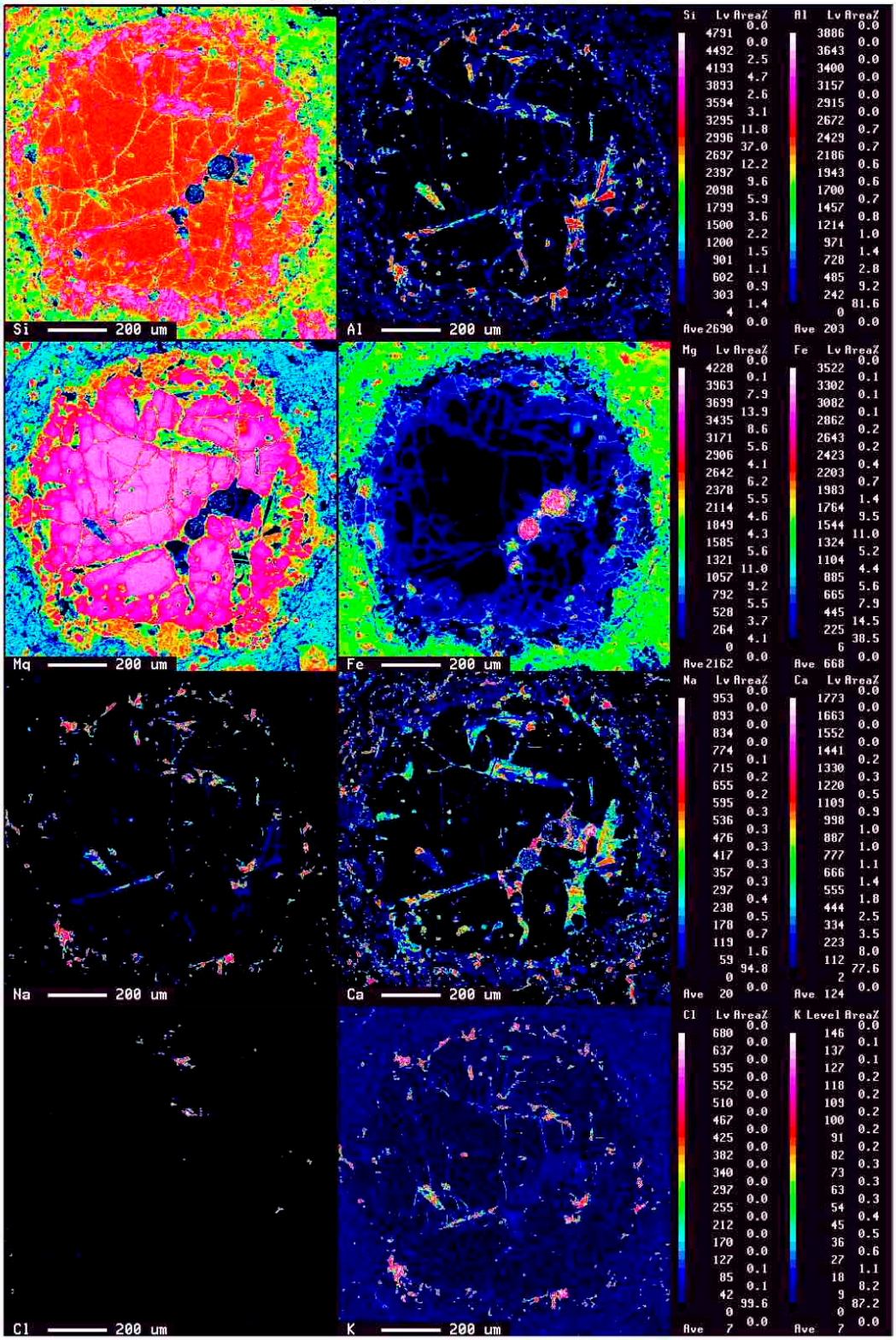
BOC-11


Si Lv AreaZ
2896 0.0
2715 0.0
2534 0.4
2353 0.9
2172 2.9
1991 3.9
1810 5.7
1629 26.6
1448 17.8
1267 18.7
1086 10.8
905 5.1
724 2.7
543 1.6
362 0.9
181 0.7
0 1.1
Ave 1492 0.3
Si 500 um
Al Lv AreaZ
1664 0.0
1560 0.0
1456 0.2
1352 0.2
1248 0.3
1144 0.4
1040 0.5
936 0.8
832 1.1
728 1.2
624 1.3
520 1.2
416 1.6
312 2.3
208 4.0
104 11.6
0 73.1
Ave 130 0.3
Al 500 um
Mg Lv AreaZ
2302 0.6
2158 1.0
2014 1.1
1871 4.3
1727 5.8
1583 5.4
1439 5.8
1295 4.7
1151 2.9
1007 2.9
863 5.0
719 15.7
575 18.5
431 10.4
287 7.2
143 5.4
0 3.1
Ave 938 0.3
Mg 500 um
Fe Lv AreaZ
2206 0.0
2068 0.0
1931 0.0
1793 0.0
1656 0.0
1518 0.2
1381 0.5
1243 0.8
1106 1.8
969 14.1
831 25.3
694 8.3
556 10.1
419 11.8
281 13.5
144 8.7
7 4.6
Ave 672 0.3
Fe 500 um
Na Lv AreaZ
445 0.0
417 0.1
390 0.1
362 0.1
334 0.2
306 0.2
278 0.3
250 0.3
222 0.4
195 0.4
167 0.5
139 0.6
111 0.6
83 0.7
55 1.0
27 2.6
0 91.7
Ave 13 0.3
Na 500 um
Ca Lv AreaZ
1057 0.0
991 0.1
925 0.1
859 0.2
793 0.7
727 0.7
661 0.8
595 1.1
528 1.7
462 1.5
396 1.4
330 1.5
264 1.7
198 2.0
132 2.8
66 4.9
0 78.3
Ave 89 0.3
Ca 500 um
Cl Lv AreaZ
205 0.1
193 0.0
180 0.0
168 0.0
155 0.0
143 0.0
130 0.0
118 0.0
106 0.0
93 0.0
81 0.0
68 0.0
56 0.0
43 0.1
31 0.2
18 31.6
6 67.9
Ave 5
Cl 500 um
K Level AreaZ
88 0.0
82 0.0
77 0.0
72 0.1
67 0.1
61 0.1
56 0.2
51 0.2
46 0.4
40 0.4
35 0.5
30 0.5
25 0.8
19 0.7
14 0.9
9 2.0
4 44.1
Ave 5 49.0
K 500 um

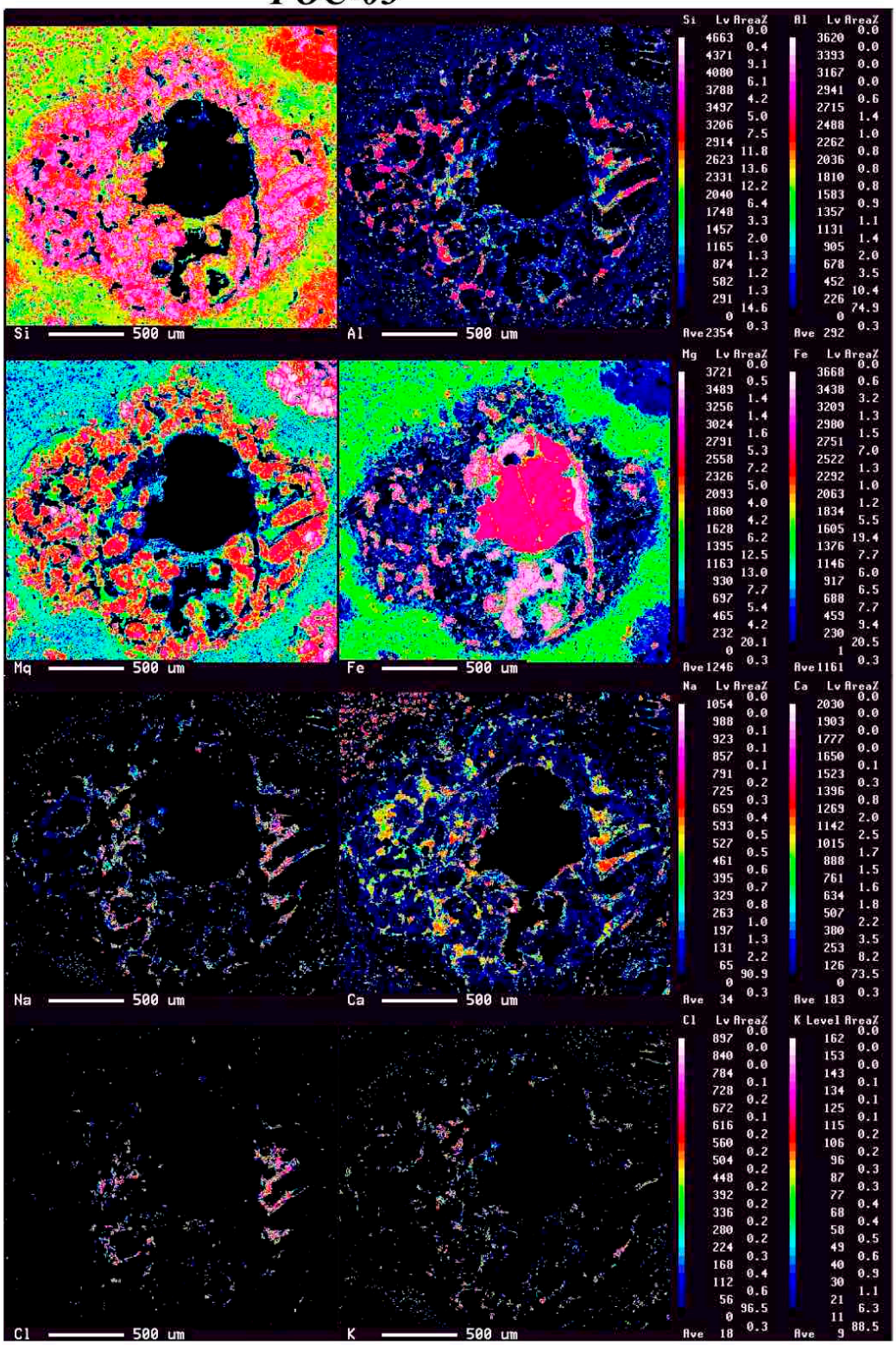
POC-01


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Na 100 um
Ca 100 um
K 100 um
Cl 100 um
Si Lv AreaZ
Al Lv AreaZ
Mg Lv AreaZ
Fe Lv AreaZ
Na Lv AreaZ
Ca Lv AreaZ
K Level AreaZ
Cl Lv AreaZ

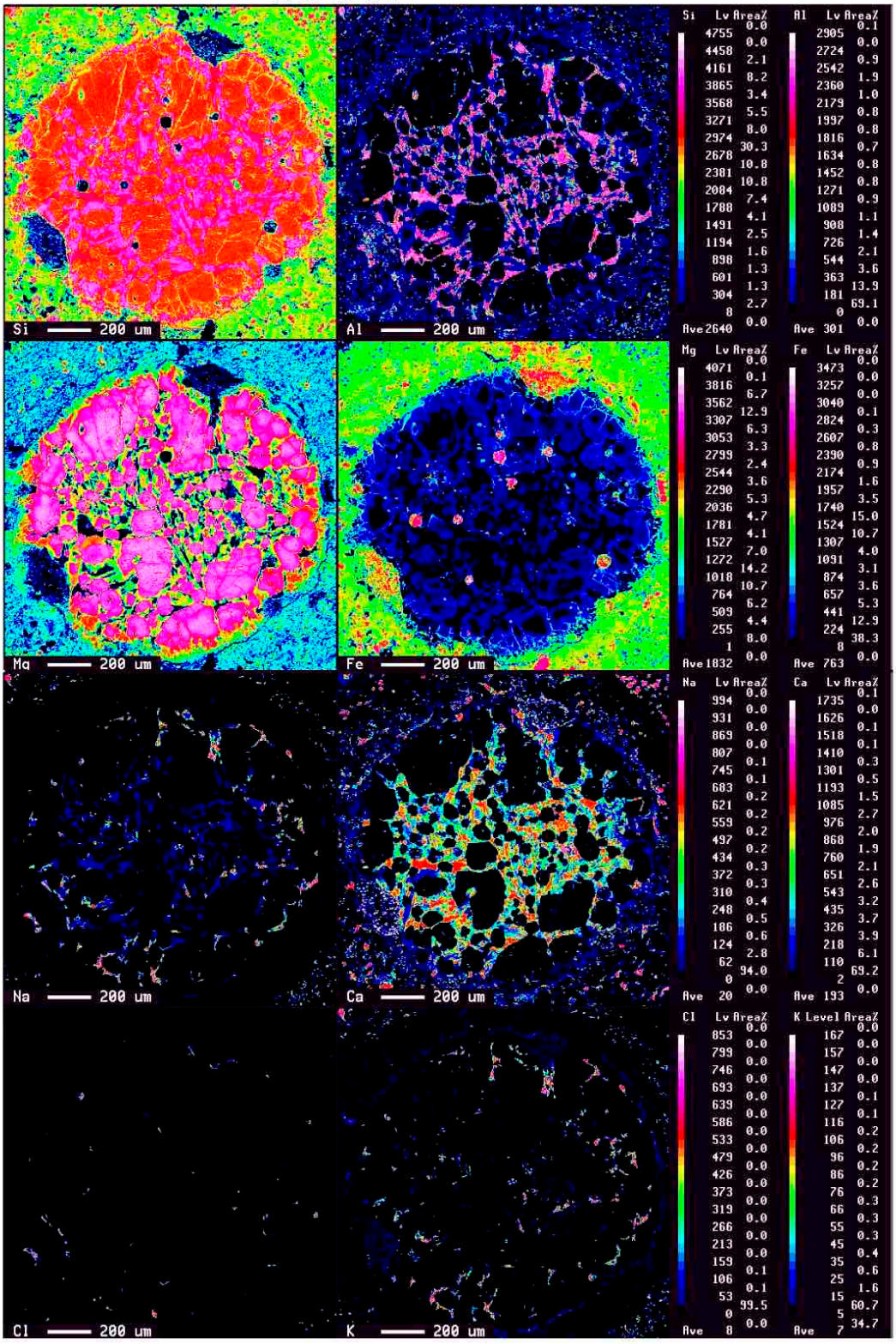
POC-02


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Na 200 um
Ca 200 um
Cl 200 um
K 200 um
Si Lv Area% Al Lv Area%
Mg Lv Area% Fe Lv Area%
Na Lv Area% Ca Lv Area%
Cl Lv Area% K Level Area%

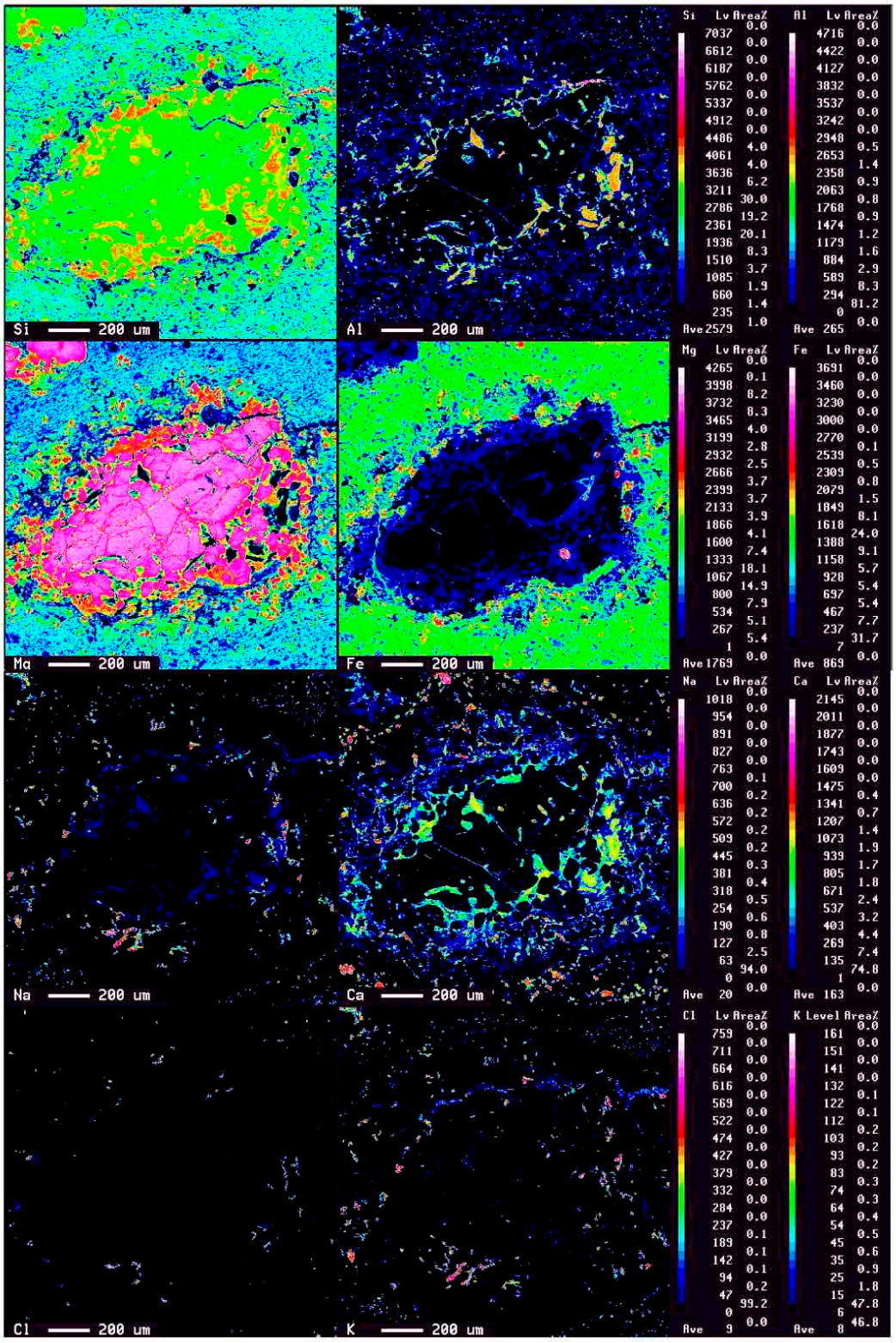
POC-03


Si Lv AreaZ
4663 0.0
4371 0.4
4080 9.1
3788 6.1
3497 4.2
3206 5.0
2914 7.5
2623 11.8
2331 13.6
2040 12.2
1748 6.4
1457 3.3
1165 2.0
874 1.3
582 1.2
291 1.3
0 14.6
Ave 2354 0.3
Si 500 um
Al Lv AreaZ
3620 0.0
3393 0.0
3167 0.0
2941 0.6
2715 1.4
2488 1.0
2262 0.8
2036 0.8
1810 0.8
1583 0.9
1357 1.1
1131 1.4
905 2.0
678 3.5
452 10.4
226 74.9
0 0.3
Ave 292
Al 500 um
Mg Lv AreaZ
3721 0.0
3489 0.5
3256 1.4
3024 1.4
2791 1.6
2558 5.3
2326 7.2
2093 5.0
1860 4.0
1628 4.2
1395 6.2
1163 12.5
930 13.0
697 7.7
465 5.4
232 4.2
0 20.1
Ave 1246 0.3
Mg 500 um
Fe Lv AreaZ
3668 0.0
3438 0.6
3209 3.2
2980 1.3
2751 1.5
2522 7.0
2292 1.3
2063 1.0
1834 1.2
1605 5.5
1376 19.4
1146 7.7
917 6.0
688 6.5
459 7.7
230 9.4
1 20.5
Ave 1161 0.3
Fe 500 um
Na Lv AreaZ
1054 0.0
988 0.0
923 0.1
857 0.1
791 0.1
725 0.2
659 0.3
593 0.4
527 0.5
461 0.5
395 0.6
329 0.7
263 0.8
197 1.0
131 1.3
65 2.2
0 90.9
Ave 34 0.3
Na 500 um
Ca Lv AreaZ
2030 0.0
1903 0.0
1777 0.0
1650 0.0
1523 0.1
1396 0.3
1269 0.8
1142 2.0
1015 2.5
888 1.7
761 1.5
634 1.6
507 1.8
380 2.2
253 3.5
126 8.2
0 73.5
Ave 183 0.3
Ca 500 um
Cl Lv AreaZ
897 0.0
840 0.0
784 0.0
728 0.1
672 0.2
616 0.1
560 0.2
504 0.2
448 0.2
392 0.2
336 0.2
280 0.2
224 0.3
168 0.4
112 0.6
56 96.5
0 0.3
Ave 18
Cl 500 um
K Level AreaZ
162 0.0
153 0.0
143 0.0
134 0.1
125 0.1
115 0.1
106 0.2
96 0.2
87 0.3
77 0.3
68 0.4
58 0.4
49 0.5
40 0.6
30 0.9
21 1.1
11 6.3
Ave 9 88.5
K 500 um

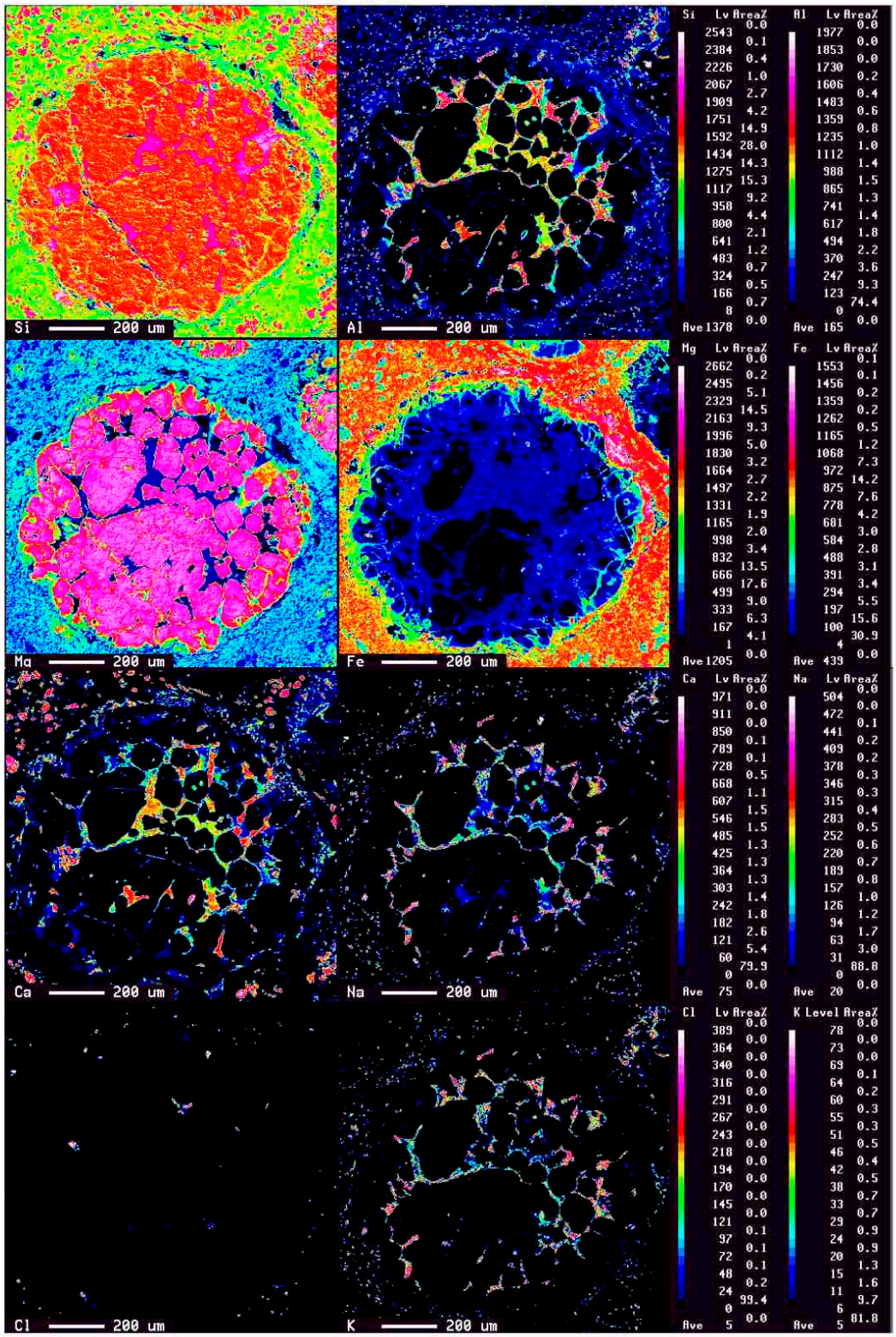
POC-04


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Na 200 um
Ca 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
4755 0.0
4458 2.1
4161 8.2
3865 3.4
3568 5.5
3271 8.0
2974 30.3
2678 10.8
2381 10.8
2084 7.4
1788 4.1
1491 2.5
1194 1.6
898 1.3
601 1.3
304 2.7
8 0.0
Ave 2640
Al Lv AreaZ
2905 0.1
2724 0.0
2542 0.9
2360 1.9
2179 1.0
1997 0.8
1816 0.8
1634 0.7
1452 0.8
1271 0.8
1089 0.9
908 1.1
726 1.4
544 2.1
363 3.6
181 13.9
0 69.1
Ave 301
Mg Lv AreaZ
4071 0.0
3816 0.1
3562 6.7
3307 12.9
3053 6.3
2799 3.3
2544 2.4
2290 3.6
2036 5.3
1781 4.7
1527 4.1
1272 7.0
1018 14.2
764 10.7
509 6.2
255 4.4
1 8.0
Ave 1032
Fe Lv AreaZ
3473 0.0
3257 0.0
3040 0.0
2824 0.1
2607 0.3
2390 0.8
2174 0.9
1957 1.6
1740 3.5
1524 15.0
1307 10.7
1091 4.0
874 3.1
657 3.6
441 5.3
224 12.9
8 38.3
Ave 763
Na Lv AreaZ
994 0.0
931 0.0
869 0.0
807 0.0
745 0.1
683 0.1
621 0.2
559 0.2
497 0.2
434 0.2
372 0.3
310 0.3
248 0.4
186 0.5
124 0.6
62 2.8
0 94.0
Ave 20
Ca Lv AreaZ
1735 0.1
1626 0.0
1518 0.1
1410 0.1
1301 0.3
1193 0.5
1085 1.5
976 2.7
868 2.0
760 1.9
651 2.1
543 2.6
435 3.2
326 3.7
218 3.9
110 6.1
2 69.2
Ave 193
Cl Lv AreaZ
853 0.0
799 0.0
746 0.0
693 0.0
639 0.0
586 0.0
533 0.0
479 0.0
426 0.0
373 0.0
319 0.0
266 0.0
213 0.0
159 0.0
106 0.1
53 0.1
0 99.5
Ave 8
K Level AreaZ
167 0.0
157 0.0
147 0.0
137 0.0
127 0.1
116 0.1
106 0.2
96 0.2
86 0.2
76 0.2
66 0.3
55 0.3
45 0.3
35 0.4
25 0.6
15 1.6
5 60.7
Ave 7

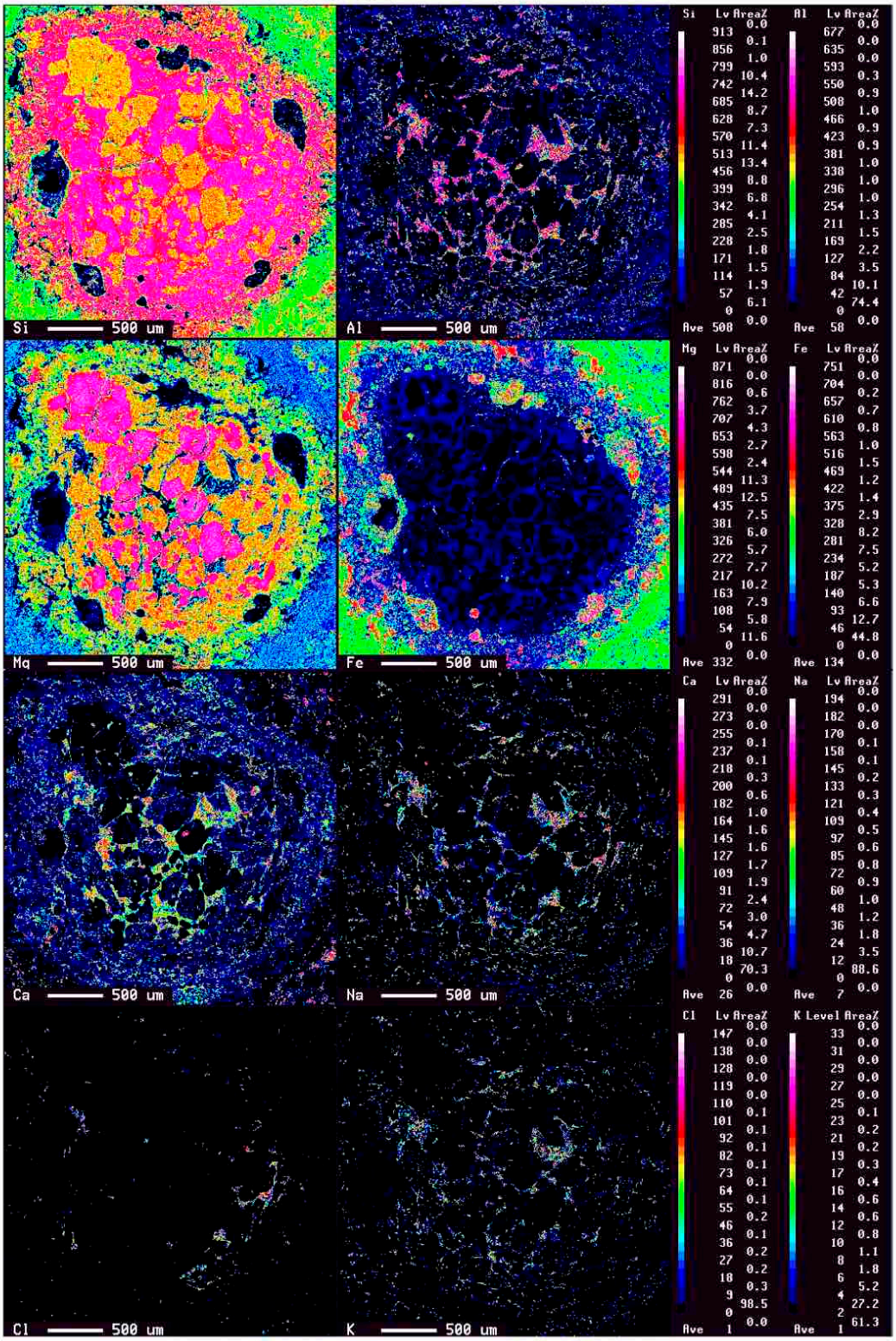
POC-05


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Na 200 um
Ca 200 um
Cl 200 um
K 200 um

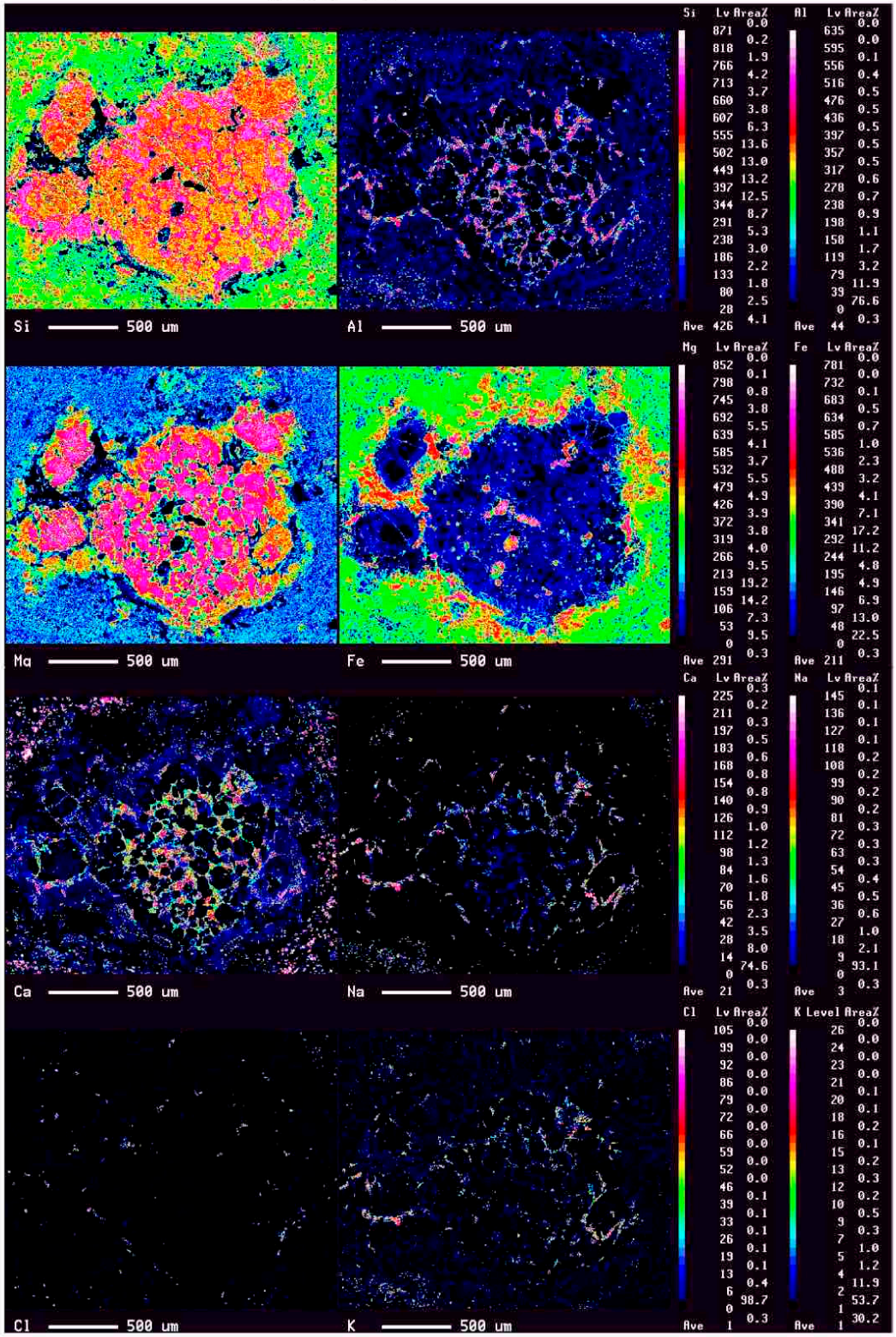
POC-06


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
2543 0.0
2384 0.1
2226 0.4
2067 1.0
1909 2.7
1751 4.2
1592 14.9
1434 28.0
1275 14.3
1117 15.3
958 9.2
800 4.4
641 2.1
483 1.2
324 0.7
166 0.5
8 0.7
Ave 1378 0.0
Al Lv AreaZ
1977 0.0
1853 0.0
1730 0.0
1606 0.2
1483 0.4
1359 0.6
1235 0.8
1112 1.0
988 1.4
865 1.5
741 1.3
617 1.4
494 1.8
370 2.2
247 3.6
123 9.3
0 74.4
Ave 165 0.0
Mg Lv AreaZ
2662 0.0
2495 0.2
2329 5.1
2163 14.5
1996 9.3
1830 5.0
1664 3.2
1497 2.7
1331 2.2
1165 1.9
998 2.0
832 3.4
666 13.5
499 17.6
333 9.0
167 6.3
1 4.1
Ave 1205 0.0
Fe Lv AreaZ
1553 0.1
1456 0.1
1359 0.2
1262 0.2
1165 0.5
1068 1.2
972 7.3
875 14.2
778 7.6
681 4.2
584 3.0
488 2.8
391 3.1
294 3.4
197 5.5
100 15.6
4 30.9
Ave 439 0.0
Ca Lv AreaZ
971 0.0
911 0.0
850 0.0
789 0.1
728 0.1
668 0.5
607 1.1
546 1.5
485 1.5
425 1.3
364 1.3
303 1.3
242 1.4
182 1.8
121 2.6
60 5.4
0 79.9
Ave 75 0.0
Na Lv AreaZ
504 0.0
472 0.0
441 0.1
409 0.2
378 0.2
346 0.3
315 0.3
283 0.4
252 0.5
220 0.6
189 0.7
157 0.8
126 1.0
94 1.2
63 1.7
31 3.0
0 88.8
Ave 20 0.0
Cl Lv AreaZ
389 0.0
364 0.0
340 0.0
316 0.0
291 0.0
267 0.0
243 0.0
218 0.0
194 0.0
170 0.0
145 0.0
121 0.0
97 0.1
72 0.1
48 0.1
24 0.2
0 99.4
Ave 5 0.0
K Level AreaZ
78 0.0
73 0.0
69 0.0
64 0.1
60 0.2
55 0.3
51 0.3
46 0.5
42 0.4
38 0.5
33 0.7
29 0.7
24 0.9
20 0.9
15 1.3
11 1.6
6 9.7
Ave 5 81.8

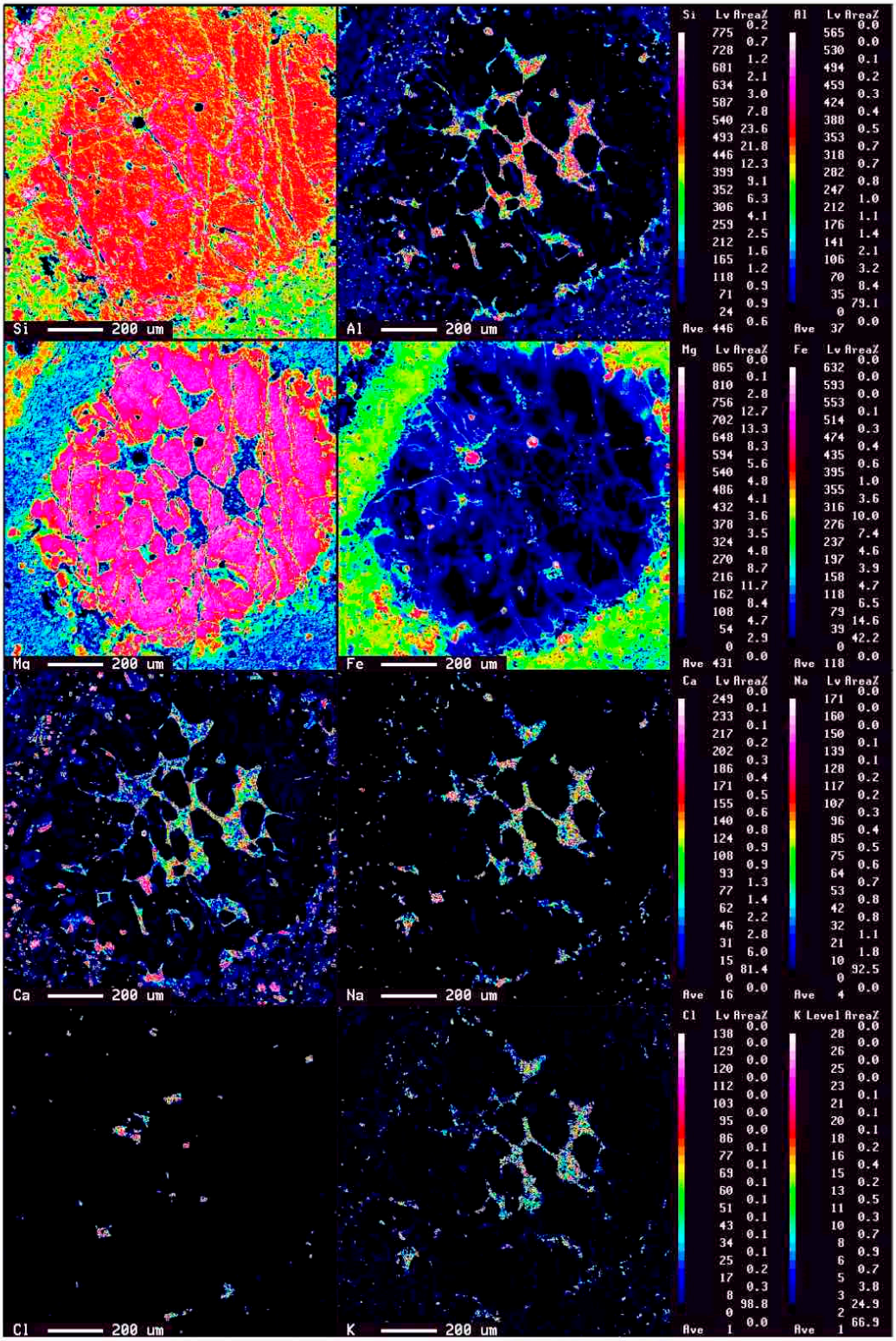
POC-07


Si 500 um
Al 500 um
Mg 500 um
Fe 500 um
Ca 500 um
Na 500 um
Cl 500 um
K 500 um
Si Lv AreaZ
913 0.0
856 0.1
799 1.0
742 10.4
685 14.2
628 8.7
570 7.3
513 11.4
456 13.4
399 8.8
342 6.8
285 4.1
228 2.5
171 1.8
114 1.5
57 1.9
0 6.1
Ave 508 0.0
Al Lv AreaZ
677 0.0
635 0.0
593 0.3
550 0.9
508 1.0
466 0.9
423 0.9
381 1.0
338 1.0
296 1.0
254 1.3
211 1.5
169 2.2
127 3.5
84 10.1
42 74.4
0 0.0
Ave 58 0.0
Mg Lv AreaZ
871 0.0
816 0.0
762 0.6
707 3.7
653 4.3
598 2.7
544 2.4
489 11.3
435 12.5
381 7.5
326 6.0
272 5.7
217 7.7
163 10.2
108 7.9
54 5.8
0 11.6
Ave 332 0.0
Fe Lv AreaZ
751 0.0
704 0.0
657 0.2
610 0.7
563 0.8
516 1.0
469 1.5
422 1.2
375 1.4
328 2.9
281 8.2
234 7.5
187 5.2
140 5.3
93 6.6
46 12.7
0 44.8
Ave 134 0.0
Ca Lv AreaZ
291 0.0
273 0.0
255 0.0
237 0.1
218 0.1
200 0.3
182 0.6
164 1.0
145 1.6
127 1.6
109 1.7
91 1.9
72 2.4
54 3.0
36 4.7
18 10.7
0 70.3
Ave 26 0.0
Na Lv AreaZ
194 0.0
182 0.0
170 0.0
158 0.1
145 0.1
133 0.2
121 0.3
109 0.4
97 0.5
85 0.6
72 0.8
60 0.9
48 1.0
36 1.2
24 1.8
12 3.5
0 88.6
Ave 7 0.0
Cl Lv AreaZ
147 0.0
138 0.0
128 0.0
119 0.0
110 0.0
101 0.1
92 0.1
82 0.1
73 0.1
64 0.1
55 0.2
46 0.1
36 0.2
27 0.2
18 0.3
9 98.5
0 0.0
Ave 1
K Level AreaZ
33 0.0
31 0.0
29 0.0
27 0.0
25 0.1
23 0.2
21 0.2
19 0.3
17 0.4
16 0.6
14 0.6
12 0.8
10 1.1
8 1.8
6 5.2
4 27.2
2 61.3
Ave 1

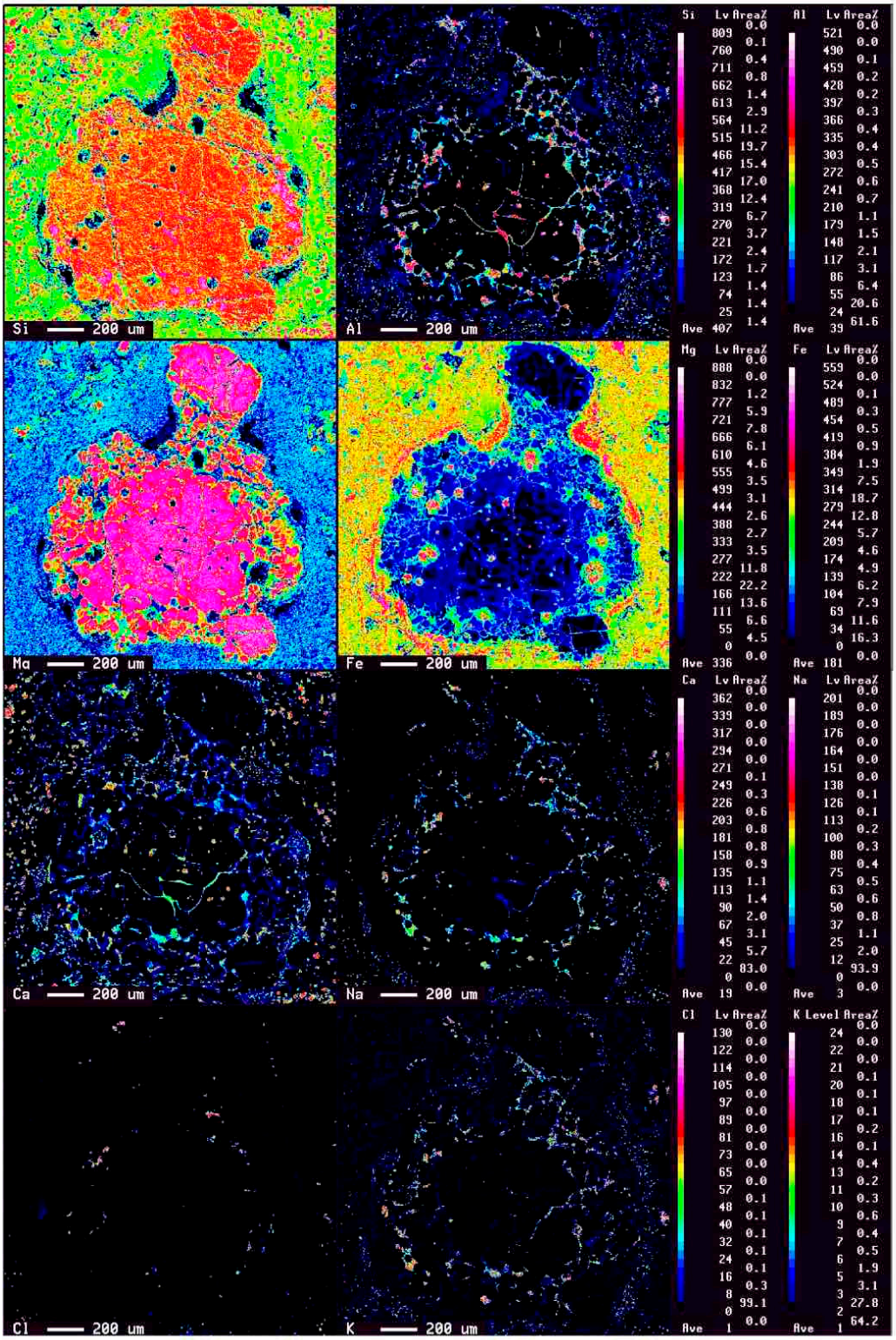
POC-08


Si Lv AreaZ
871 0.0
818 0.2
766 1.9
713 4.2
660 3.7
607 3.8
555 6.3
502 13.6
449 13.0
397 13.2
344 12.5
291 8.7
238 5.3
186 3.0
133 2.2
80 1.8
28 2.5
Ave 426 4.1
Si 500 um
Al Lv AreaZ
635 0.0
595 0.0
556 0.1
516 0.4
476 0.5
436 0.5
397 0.5
357 0.5
317 0.6
278 0.7
238 0.9
198 1.1
158 1.7
119 3.2
79 11.9
39 76.6
0 0.3
Ave 44
Al 500 um
Mg Lv AreaZ
852 0.0
798 0.1
745 0.8
692 3.8
639 5.5
585 4.1
532 3.7
479 5.5
426 4.9
372 3.9
319 3.8
266 4.0
213 9.5
159 19.2
106 14.2
53 7.3
0 9.5
Ave 291 0.3
Mg 500 um
Fe Lv AreaZ
781 0.0
732 0.0
683 0.1
634 0.5
585 0.7
536 1.0
488 2.3
439 3.2
390 4.1
341 7.1
292 17.2
244 11.2
195 4.8
146 4.9
97 6.9
48 13.0
0 22.5
Ave 211 0.3
Fe 500 um
Ca Lv AreaZ
225 0.3
211 0.2
197 0.3
183 0.5
168 0.6
154 0.8
140 0.8
126 0.9
112 1.0
98 1.2
84 1.3
70 1.6
56 1.8
42 2.3
28 3.5
14 8.0
0 74.6
Ave 21 0.3
Ca 500 um
Na Lv AreaZ
145 0.1
136 0.1
127 0.1
118 0.1
108 0.2
99 0.2
90 0.2
81 0.2
72 0.3
63 0.3
54 0.3
45 0.4
36 0.5
27 0.6
18 1.0
9 2.1
0 93.1
Ave 3 0.3
Na 500 um
Cl Lv AreaZ
105 0.0
99 0.0
92 0.0
86 0.0
79 0.0
72 0.0
66 0.0
59 0.0
52 0.0
46 0.0
39 0.1
33 0.1
26 0.1
19 0.1
13 0.4
6 98.7
0 0.3
Ave 1 0.3
Cl 500 um
K Level AreaZ
26 0.0
24 0.0
23 0.0
21 0.0
20 0.1
18 0.1
16 0.2
15 0.1
13 0.2
12 0.3
10 0.2
9 0.5
7 0.3
5 1.0
4 1.2
2 11.9
1 53.7
Ave 1 30.2
K 500 um

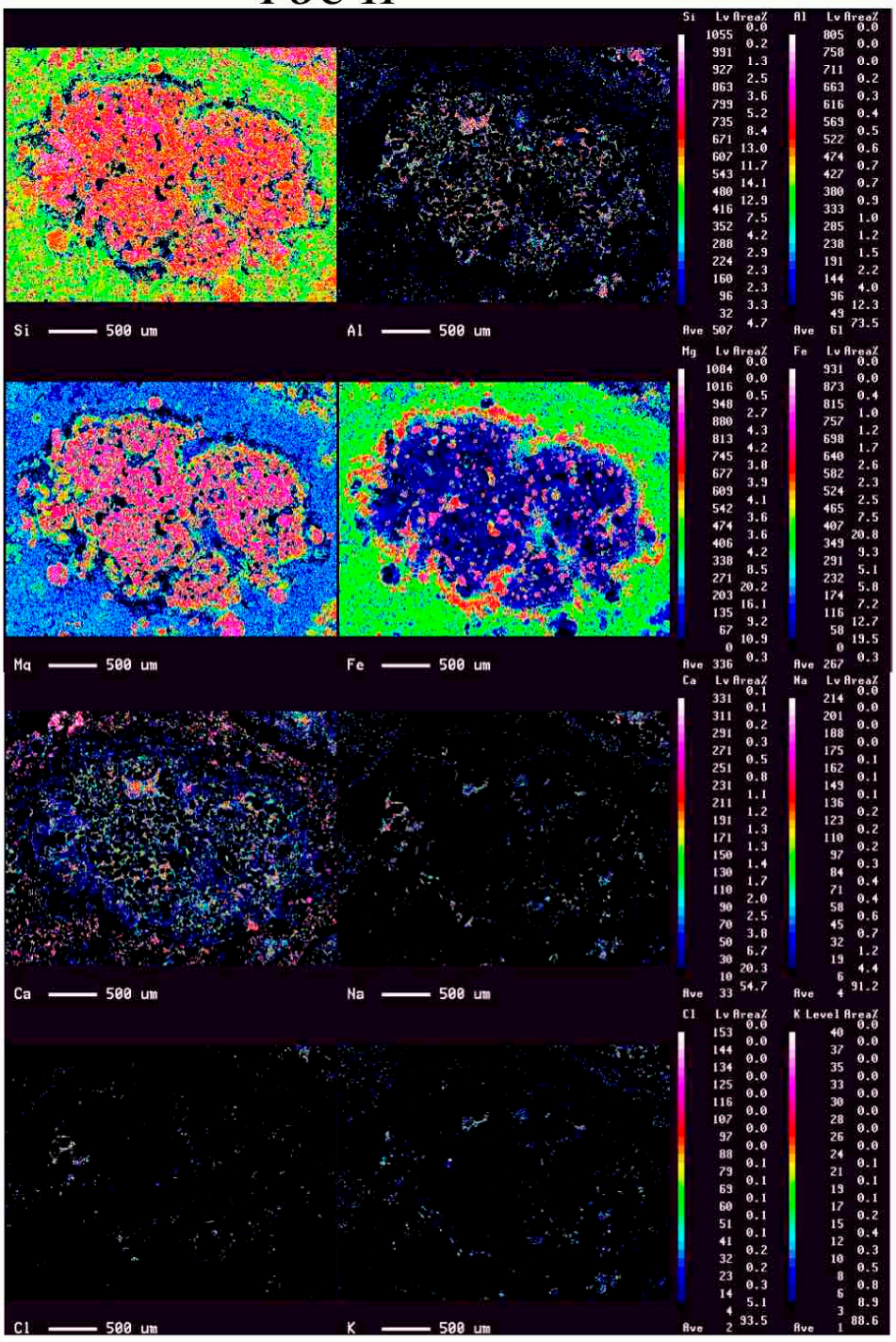
POC-09


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
775 0.2
728 0.7
681 1.2
634 2.1
587 3.0
540 7.8
493 23.6
446 21.8
399 12.3
352 9.1
306 6.3
259 4.1
212 2.5
165 1.6
118 1.2
71 0.9
24 0.9
Ave 446 0.6
Al Lv AreaZ
565 0.0
530 0.0
494 0.1
459 0.2
424 0.3
388 0.4
353 0.5
318 0.7
282 0.7
247 0.8
212 1.0
176 1.1
141 1.4
106 2.1
70 3.2
35 8.4
0 79.1
Ave 37 0.0
Mg Lv AreaZ
865 0.0
810 0.1
756 2.8
702 12.7
648 13.3
594 8.3
540 5.6
486 4.8
432 4.1
378 3.6
324 3.5
270 4.8
216 8.7
162 11.7
108 8.4
54 4.7
0 2.9
Ave 431 0.0
Fe Lv AreaZ
632 0.0
593 0.0
553 0.0
514 0.1
474 0.3
435 0.4
395 0.6
355 1.0
316 3.6
276 10.0
237 7.4
197 4.6
158 3.9
118 4.7
79 6.5
39 14.6
0 42.2
Ave 118 0.0
Ca Lv AreaZ
249 0.0
233 0.1
217 0.1
202 0.2
186 0.3
171 0.4
155 0.5
140 0.6
124 0.8
108 0.9
93 0.9
77 1.3
62 1.4
46 2.2
31 2.8
15 6.0
0 81.4
Ave 16 0.0
Na Lv AreaZ
171 0.0
160 0.0
150 0.0
139 0.1
128 0.1
117 0.2
107 0.2
96 0.3
85 0.4
75 0.5
64 0.6
53 0.7
42 0.8
32 0.8
21 1.1
10 1.8
0 92.5
Ave 4 0.0
Cl Lv AreaZ
138 0.0
129 0.0
120 0.0
112 0.0
103 0.0
95 0.0
86 0.0
77 0.1
69 0.1
60 0.1
51 0.1
43 0.1
34 0.1
25 0.2
17 0.3
8 98.8
0 0.0
Ave 1
K Level AreaZ
28 0.0
26 0.0
25 0.0
23 0.1
21 0.1
20 0.1
18 0.2
16 0.4
15 0.2
13 0.5
11 0.3
10 0.7
8 0.9
6 0.7
5 3.8
3 24.9
2 66.9
Ave 1

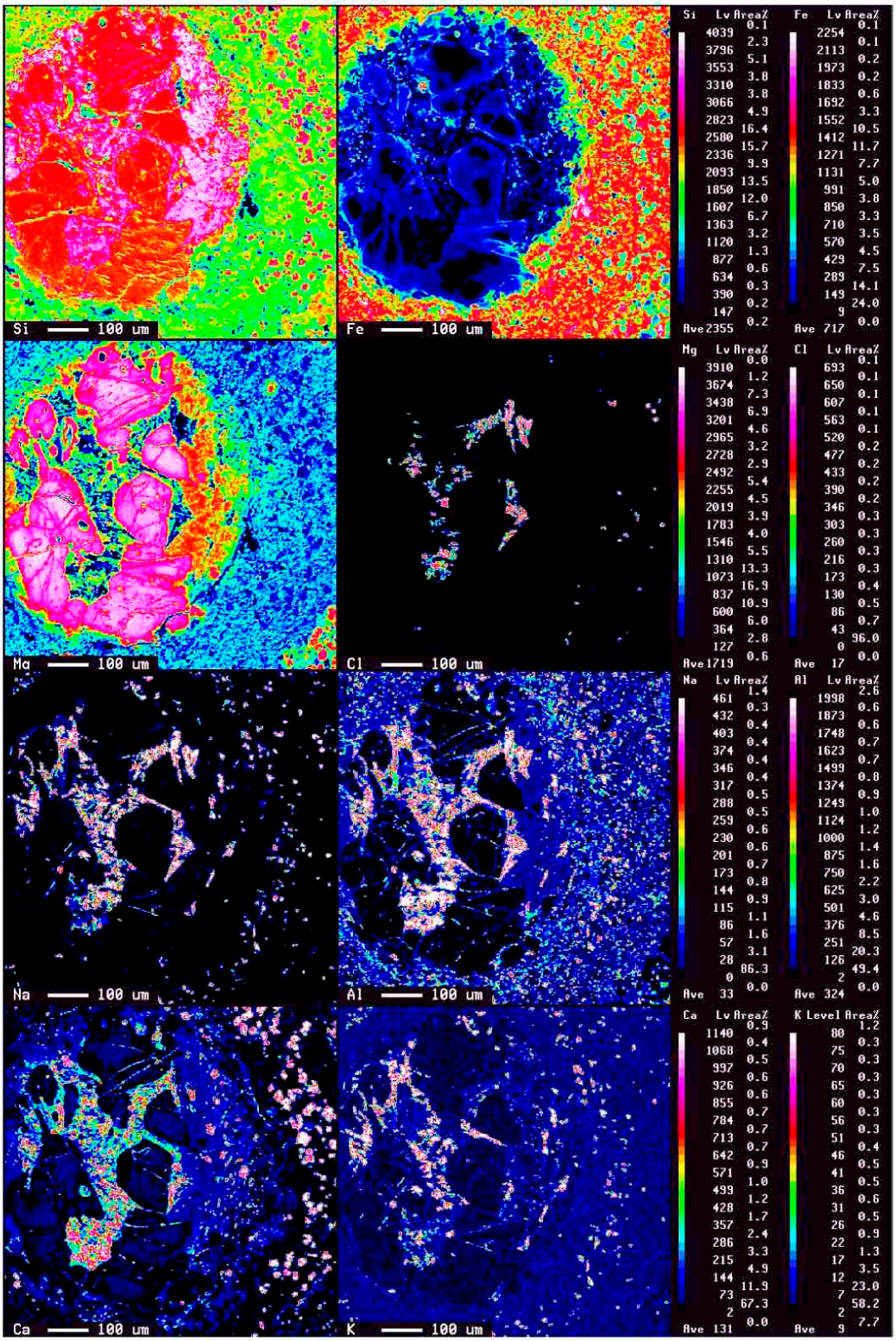
POC-10


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um

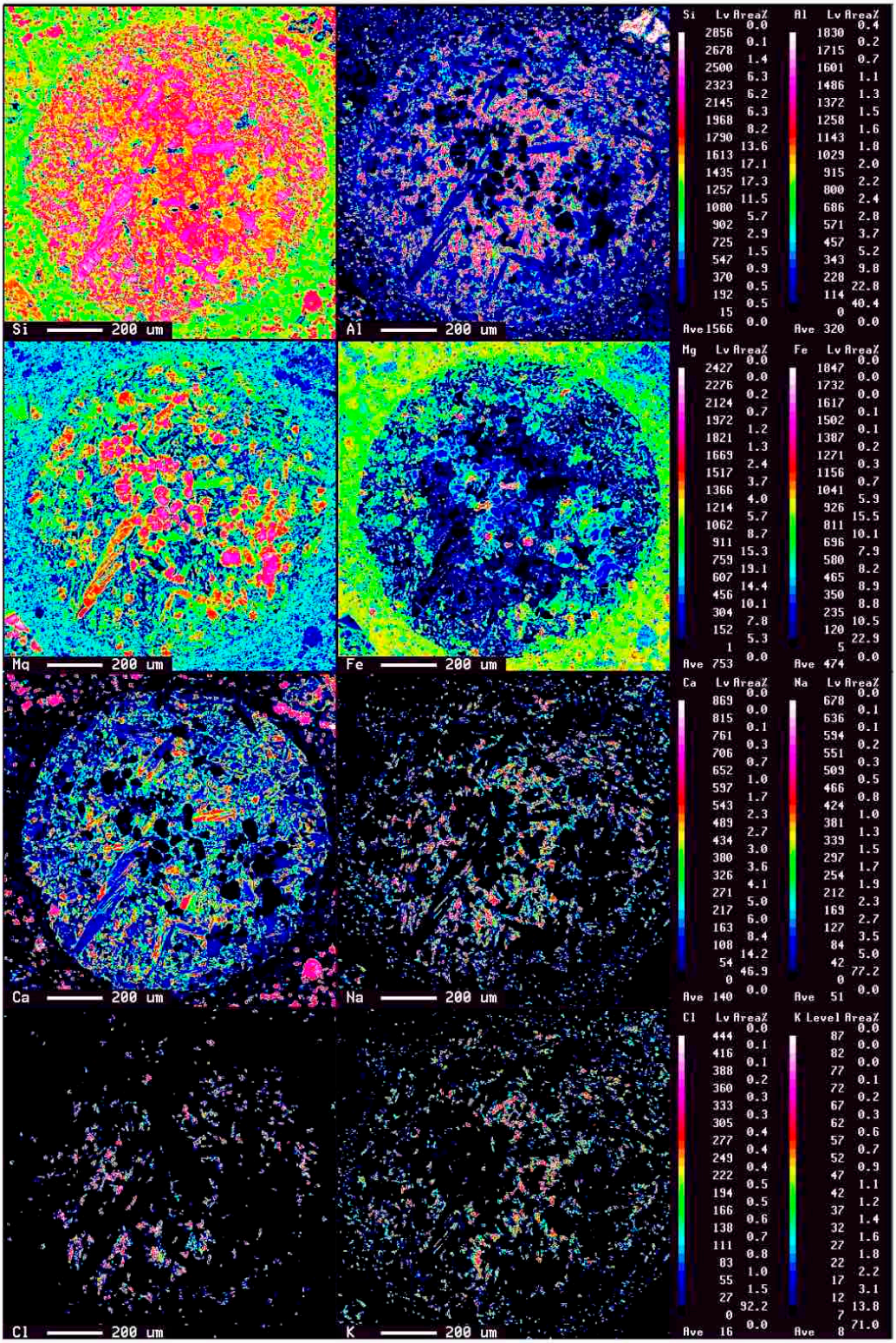
POC-11


Si Lv AreaZ
1055 0.0
991 0.2
927 1.3
863 2.5
799 3.6
735 5.2
671 8.4
607 13.0
543 11.7
480 14.1
416 12.9
352 7.5
288 4.2
224 2.9
160 2.3
96 2.3
32 3.3
Ave 507 4.7
Si 500 um
Al Lv AreaZ
805 0.0
758 0.0
711 0.0
663 0.2
616 0.3
569 0.4
522 0.5
474 0.6
427 0.7
380 0.7
333 0.9
285 1.0
238 1.2
191 1.5
144 2.2
96 4.0
49 12.3
Ave 61 73.5
Al 500 um
Mg Lv AreaZ
1084 0.0
1016 0.0
948 0.5
880 2.7
813 4.3
745 4.2
677 3.8
609 3.9
542 4.1
474 3.6
406 3.6
338 4.2
271 8.5
203 20.2
135 16.1
67 9.2
0 10.9
Ave 336 0.3
Mg 500 um
Fe Lv AreaZ
931 0.0
873 0.0
815 0.4
757 1.0
698 1.2
640 1.7
582 2.6
524 2.3
465 2.5
407 7.5
349 20.8
291 9.3
232 5.1
174 5.8
116 7.2
58 12.7
0 19.5
Ave 267 0.3
Fe 500 um
Ca Lv AreaZ
331 0.1
311 0.1
291 0.2
271 0.3
251 0.5
231 0.8
211 1.1
191 1.2
171 1.3
150 1.3
130 1.4
110 1.7
90 2.0
70 2.5
50 3.8
30 6.7
10 20.3
Ave 33 54.7
Ca 500 um
Na Lv AreaZ
214 0.0
201 0.0
188 0.0
175 0.1
162 0.1
149 0.1
136 0.2
123 0.2
110 0.2
97 0.3
84 0.4
71 0.4
58 0.6
45 0.7
32 1.2
19 4.4
6 91.2
Ave 4
Na 500 um
Cl Lv AreaZ
153 0.0
144 0.0
134 0.0
125 0.0
116 0.0
107 0.0
97 0.0
88 0.0
79 0.1
69 0.1
60 0.1
51 0.1
41 0.1
32 0.2
23 0.2
14 0.3
4 5.1
Ave 2 93.5
Cl 500 um
K Level AreaZ
40 0.0
37 0.0
35 0.0
33 0.0
30 0.0
28 0.0
26 0.0
24 0.0
21 0.1
19 0.1
17 0.1
15 0.2
12 0.4
10 0.3
8 0.5
6 0.8
3 8.9
Ave 1 88.6
K 500 um

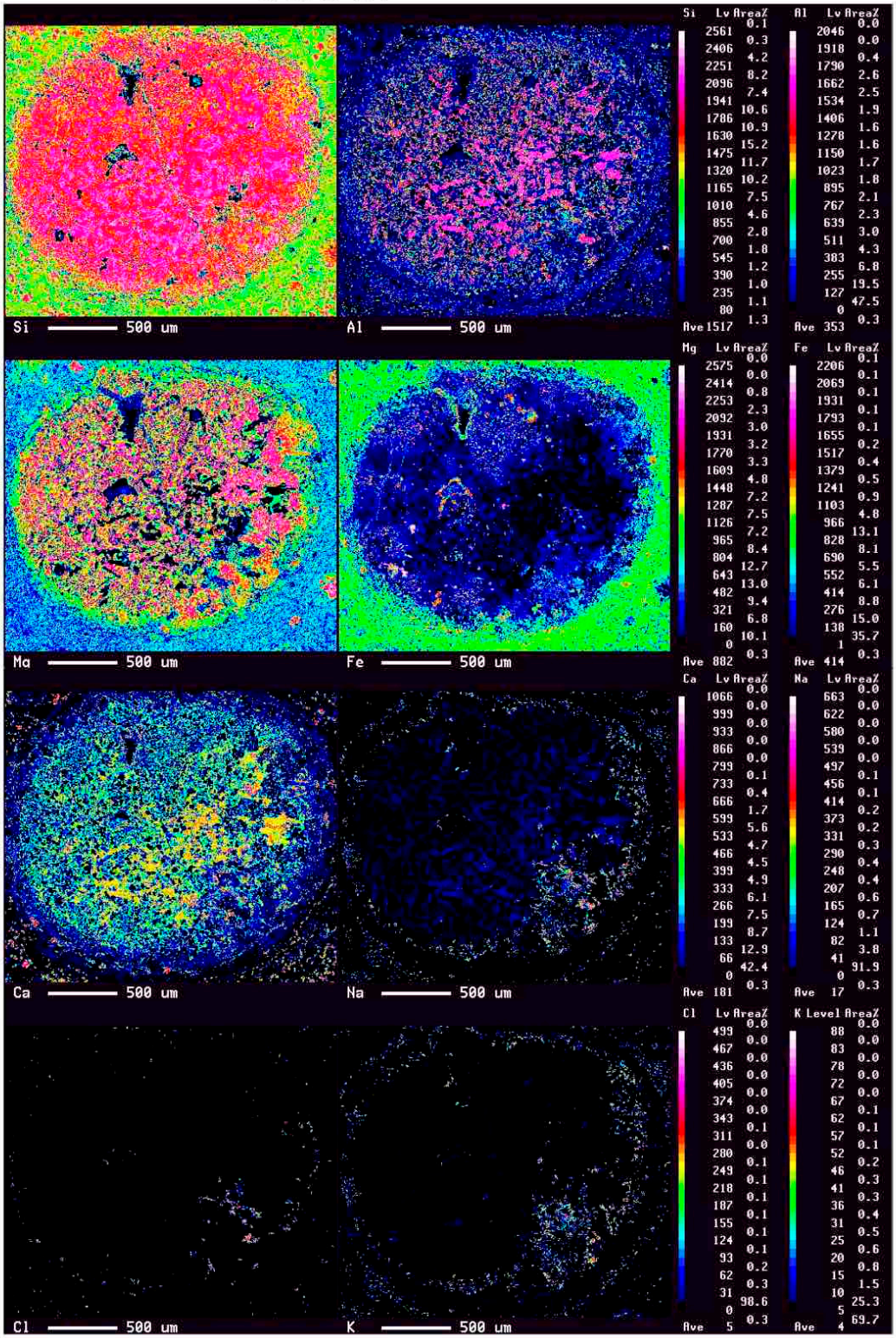
POC-12


Si 100 um
Fe 100 um
Mg 100 um
Cl 100 um
Na 100 um
Al 100 um
Ca 100 um
K 100 um
Si Lv Area%
4039 0.1
3796 2.3
3553 5.1
3310 3.8
3066 3.8
2823 4.9
2580 16.4
2336 15.7
2093 9.9
1850 13.5
1607 12.0
1363 6.7
1120 3.2
877 1.3
634 0.6
390 0.3
147 0.2
Ave 2355 0.2
Fe Lv Area%
2254 0.1
2113 0.1
1973 0.2
1833 0.2
1692 0.6
1552 3.3
1412 10.5
1271 11.7
1131 7.7
991 5.0
850 3.8
710 3.3
570 3.5
429 4.5
289 7.5
149 14.1
9 24.0
Ave 717 0.0
Mg Lv Area%
3910 0.0
3674 1.2
3438 7.3
3201 6.9
2965 4.6
2728 3.2
2492 2.9
2255 5.4
2019 4.5
1783 3.9
1546 4.0
1310 5.5
1073 13.3
837 16.9
600 10.9
364 6.0
127 2.8
Ave 1719 0.6
Cl Lv Area%
693 0.1
650 0.1
607 0.1
563 0.1
520 0.2
477 0.2
433 0.2
390 0.2
346 0.3
303 0.3
260 0.3
216 0.3
173 0.4
130 0.5
86 0.7
43 96.0
0 0.0
Ave 17 0.0
Na Lv Area%
461 1.4
432 0.3
403 0.4
374 0.4
346 0.4
317 0.4
288 0.5
259 0.5
230 0.6
201 0.6
173 0.7
144 0.8
115 0.9
86 1.1
57 1.6
28 3.1
0 86.3
Ave 33 0.0
Al Lv Area%
1998 2.6
1873 0.6
1748 0.6
1623 0.7
1499 0.7
1374 0.8
1249 0.9
1124 1.0
1000 1.2
875 1.4
750 1.6
625 2.2
501 3.0
376 4.6
251 8.5
126 20.3
2 49.4
Ave 324 0.0
Ca Lv Area%
1140 0.9
1068 0.4
997 0.5
926 0.6
855 0.6
784 0.7
713 0.7
642 0.7
571 0.9
499 1.0
428 1.2
357 1.7
286 2.4
215 3.3
144 4.9
73 11.9
2 67.3
Ave 131 0.0
K Level Area%
80 1.2
75 0.3
70 0.3
65 0.3
60 0.3
56 0.3
51 0.3
46 0.4
41 0.5
36 0.5
31 0.6
26 0.5
22 0.9
17 1.3
12 3.5
7 23.0
2 58.2
Ave 9 7.7

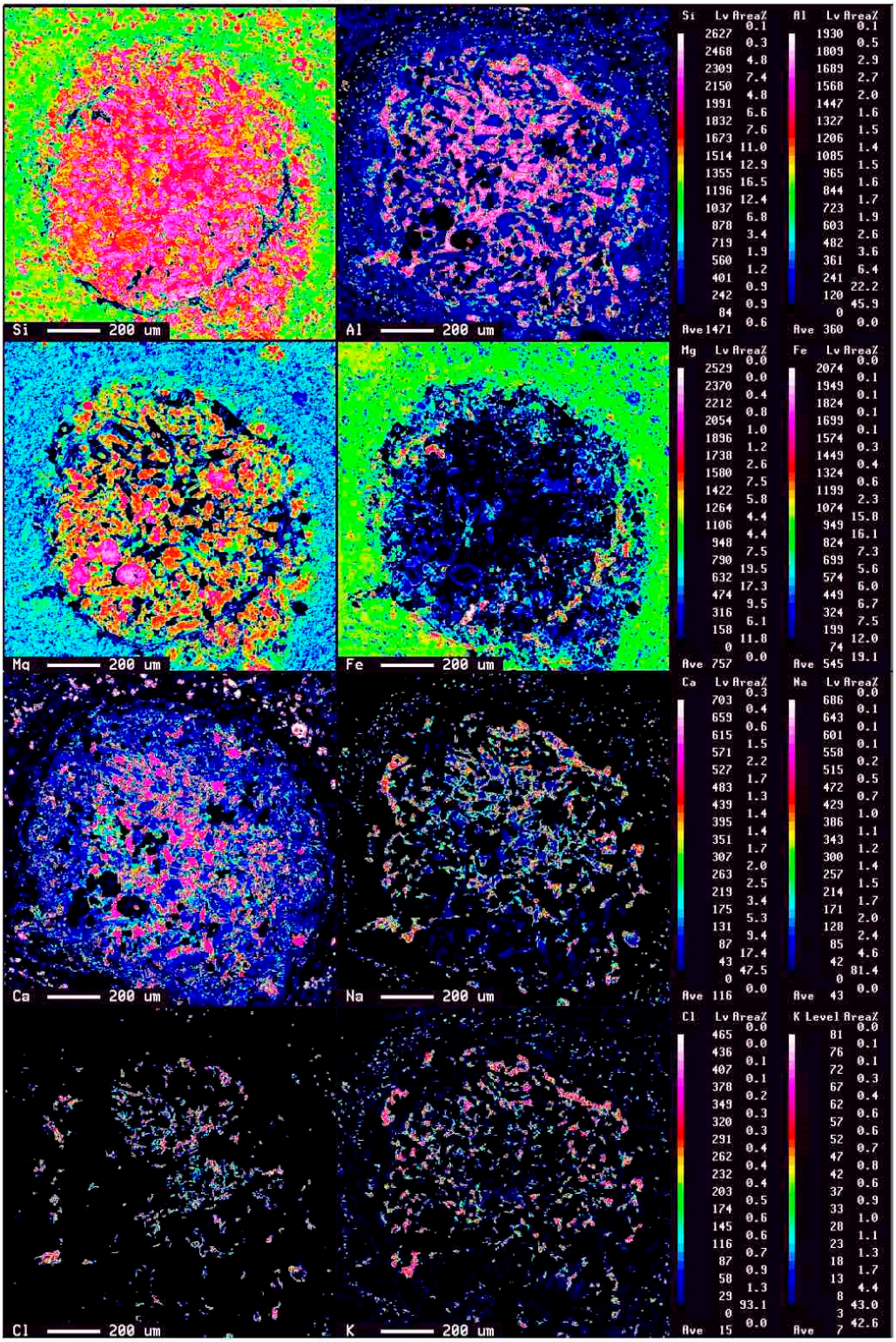
POC-13


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
Al Lv AreaZ
Mg Lv AreaZ
Fe Lv AreaZ
Ca Lv AreaZ
Na Lv AreaZ
Cl Lv AreaZ
K Level AreaZ

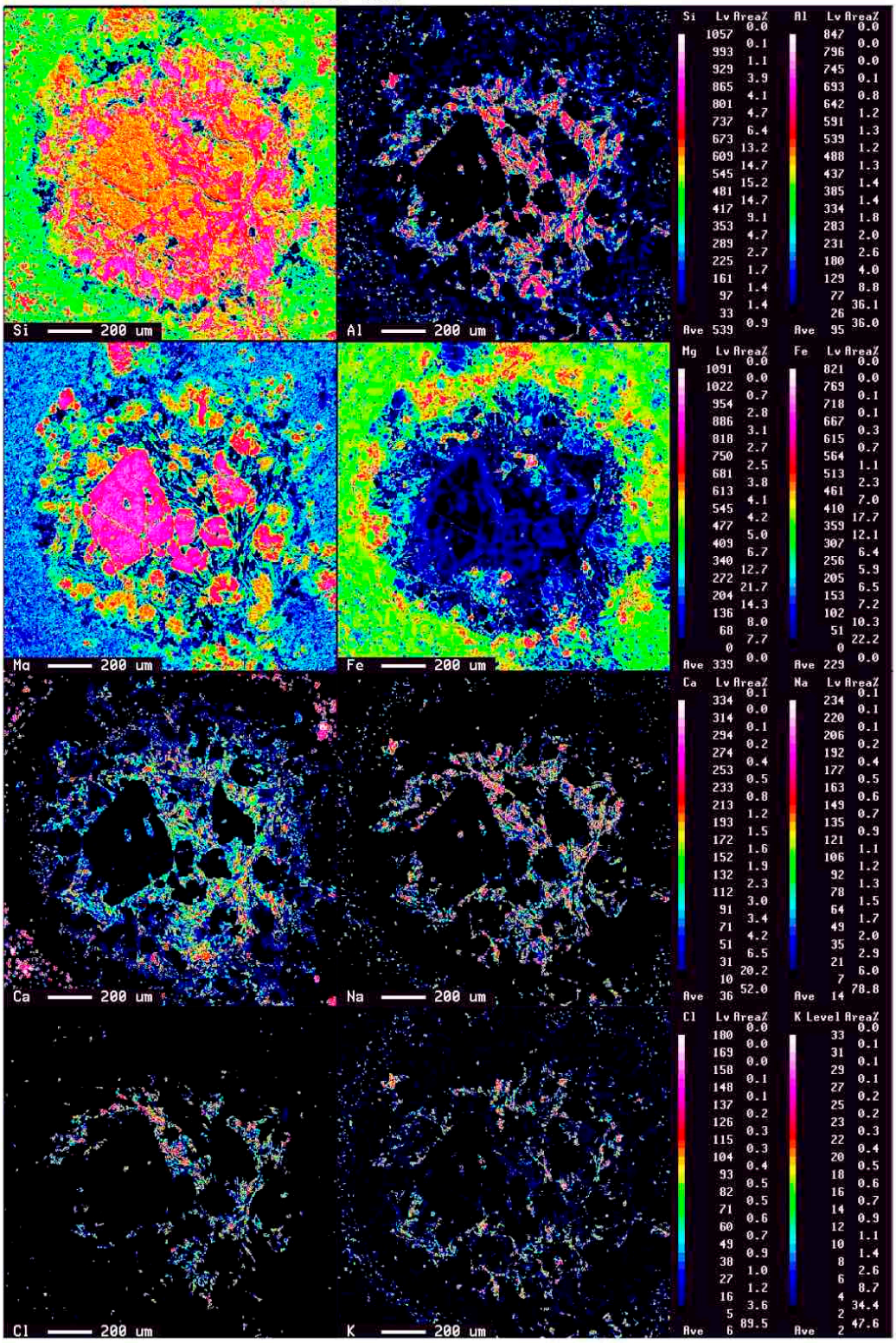
POC-14


Si Lv AreaZ
2561 0.1
2406 0.3
2251 4.2
2096 8.2
1941 7.4
1786 10.6
1630 10.9
1475 15.2
1320 11.7
1165 10.2
1010 7.5
855 4.6
700 2.8
545 1.8
390 1.2
235 1.0
80 1.1
Ave 1517 1.3
Si 500 um
Al Lv AreaZ
2046 0.0
1918 0.0
1790 0.4
1662 2.6
1534 2.5
1406 1.9
1278 1.6
1150 1.6
1023 1.7
895 1.8
767 2.1
639 2.3
511 3.0
383 4.3
255 6.8
127 19.5
0 47.5
Ave 353 0.3
Al 500 um
Mg Lv AreaZ
2575 0.0
2414 0.0
2253 0.8
2092 2.3
1931 3.0
1770 3.2
1609 3.3
1448 4.8
1287 7.2
1126 7.5
965 7.2
804 8.4
643 12.7
482 13.0
321 9.4
160 6.8
0 10.1
Ave 882 0.3
Mg 500 um
Fe Lv AreaZ
2206 0.1
2069 0.1
1931 0.1
1793 0.1
1655 0.1
1517 0.2
1379 0.4
1241 0.5
1103 0.9
966 4.8
828 13.1
690 8.1
552 5.5
414 6.1
276 8.8
138 15.0
1 35.7
Ave 414 0.3
Fe 500 um
Ca Lv AreaZ
1066 0.0
999 0.0
933 0.0
866 0.0
799 0.0
733 0.1
666 0.4
599 1.7
533 5.6
466 4.7
399 4.5
333 4.9
266 6.1
199 7.5
133 8.7
66 12.9
0 42.4
Ave 181 0.3
Ca 500 um
Na Lv AreaZ
663 0.0
622 0.0
580 0.0
539 0.0
497 0.0
456 0.1
414 0.1
373 0.2
331 0.2
290 0.3
248 0.4
207 0.4
165 0.6
124 0.7
82 1.1
41 3.8
0 91.9
Ave 17 0.3
Na 500 um
Cl Lv AreaZ
499 0.0
467 0.0
436 0.0
405 0.0
374 0.0
343 0.0
311 0.1
280 0.0
249 0.1
218 0.1
187 0.1
155 0.1
124 0.1
93 0.2
62 0.3
31 98.6
0 0.3
Ave 5
Cl 500 um
K Level AreaZ
88 0.0
83 0.0
78 0.0
72 0.0
67 0.0
62 0.1
57 0.1
52 0.1
46 0.2
41 0.3
36 0.3
31 0.4
25 0.5
20 0.6
15 0.8
10 1.5
5 25.3
Ave 4 69.7
K 500 um

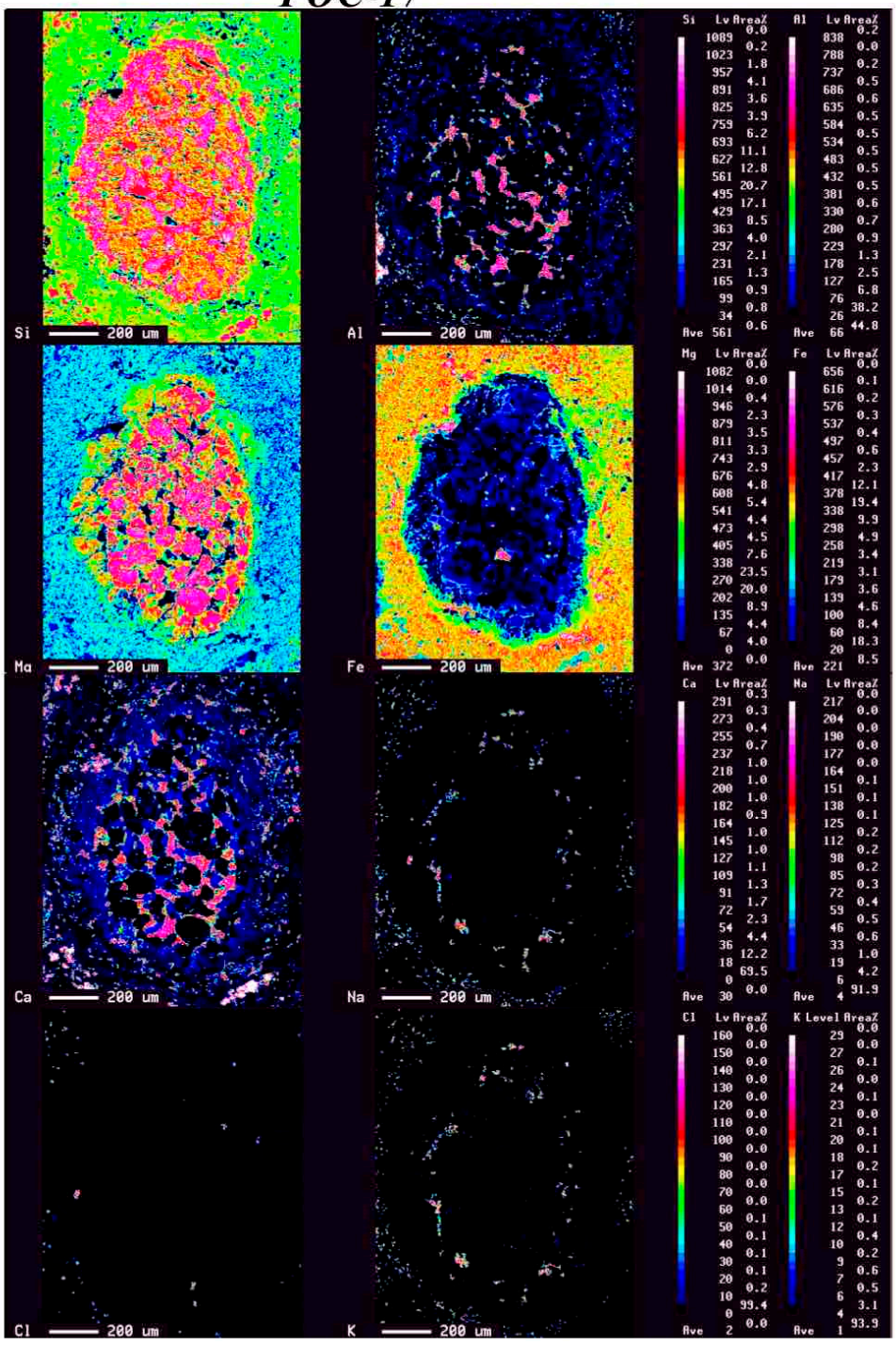
POC-15


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um

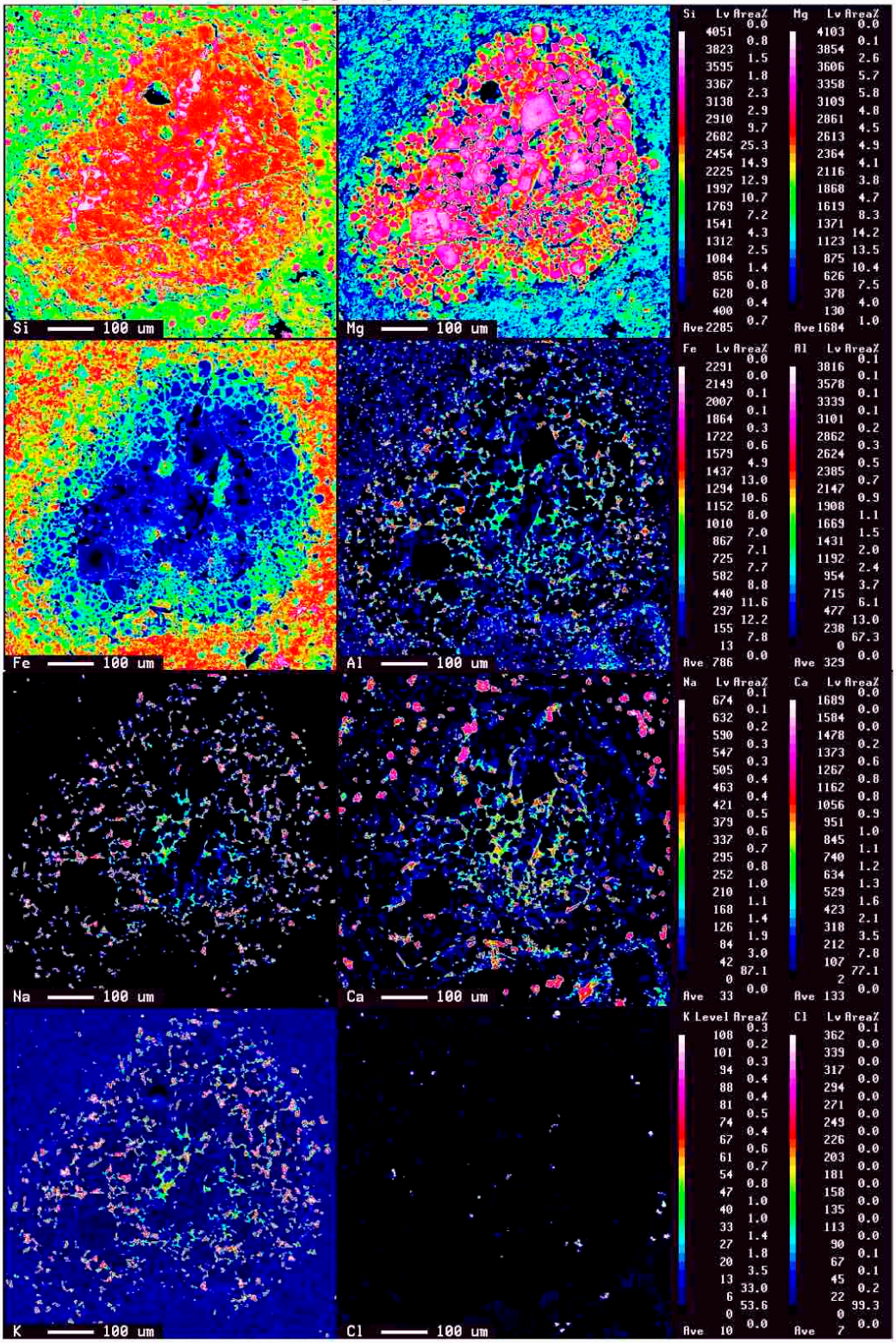
POC-16


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv AreaZ
1057 0.0
993 0.1
929 1.1
865 3.9
801 4.1
737 4.7
673 6.4
609 13.2
545 14.7
481 15.2
417 14.7
353 9.1
289 4.7
225 2.7
161 1.7
97 1.4
33 1.4
Ave 539 0.9
Al Lv AreaZ
847 0.0
796 0.0
745 0.1
693 0.8
642 1.2
591 1.3
539 1.2
488 1.3
437 1.4
385 1.4
334 1.8
283 2.0
231 2.6
180 4.0
129 8.8
77 36.1
26 36.0
Ave 95
Mg Lv AreaZ
1091 0.0
1022 0.0
954 0.7
886 2.8
818 3.1
750 2.7
681 2.5
613 3.8
545 4.1
477 4.2
409 5.0
340 6.7
272 12.7
204 21.7
136 14.3
68 8.0
0 7.7
Ave 339 0.0
Fe Lv AreaZ
821 0.0
769 0.0
718 0.1
667 0.1
615 0.3
564 0.7
513 1.1
461 2.3
410 7.0
359 17.7
307 12.1
256 6.4
205 5.9
153 6.5
102 7.2
51 10.3
0 22.2
Ave 229 0.0
Ca Lv AreaZ
334 0.1
314 0.0
294 0.1
274 0.2
253 0.4
233 0.5
213 0.8
193 1.2
172 1.5
152 1.6
132 1.9
112 2.3
91 3.0
71 3.4
51 4.2
31 6.5
10 20.2
Ave 36 52.0
Na Lv AreaZ
234 0.1
220 0.1
206 0.1
192 0.2
177 0.4
163 0.5
149 0.6
135 0.7
121 0.9
106 1.1
92 1.2
78 1.3
64 1.5
49 1.7
35 2.0
21 2.9
7 6.0
Ave 14 78.8
Cl Lv AreaZ
180 0.0
169 0.0
158 0.0
148 0.1
137 0.1
126 0.2
115 0.3
104 0.3
93 0.4
82 0.5
71 0.5
60 0.6
49 0.7
38 0.9
27 1.0
16 1.2
5 3.6
Ave 6 89.5
K Level AreaZ
33 0.0
31 0.1
29 0.1
27 0.1
25 0.2
23 0.2
22 0.3
20 0.4
18 0.5
16 0.6
14 0.7
12 0.9
10 1.1
8 1.4
6 2.6
4 8.7
2 34.4
Ave 2 47.6

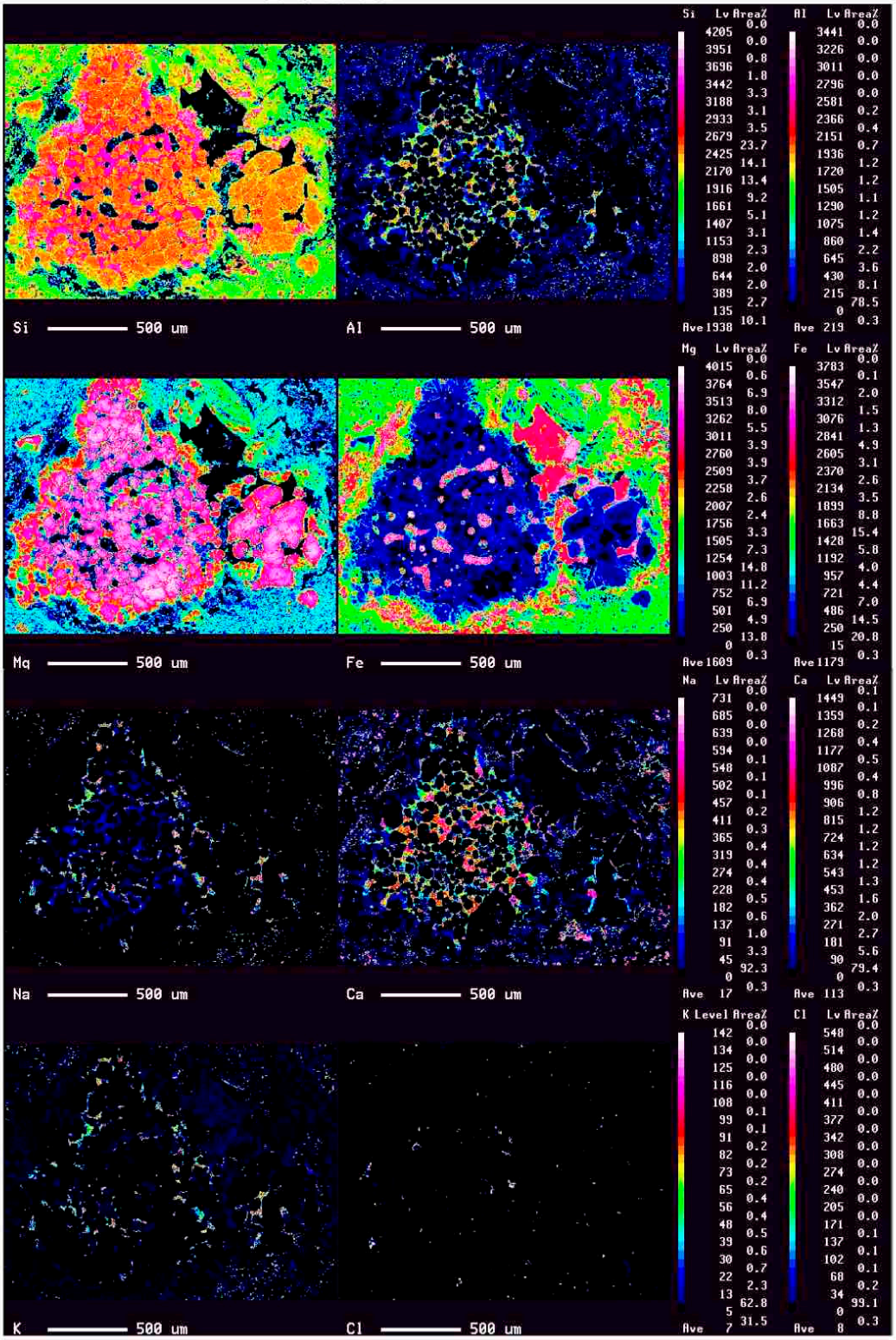
POC-17


Si
200 um
Al
200 um
Mg
200 um
Fe
200 um
Ca
200 um
Na
200 um
Cl
200 um
K
200 um

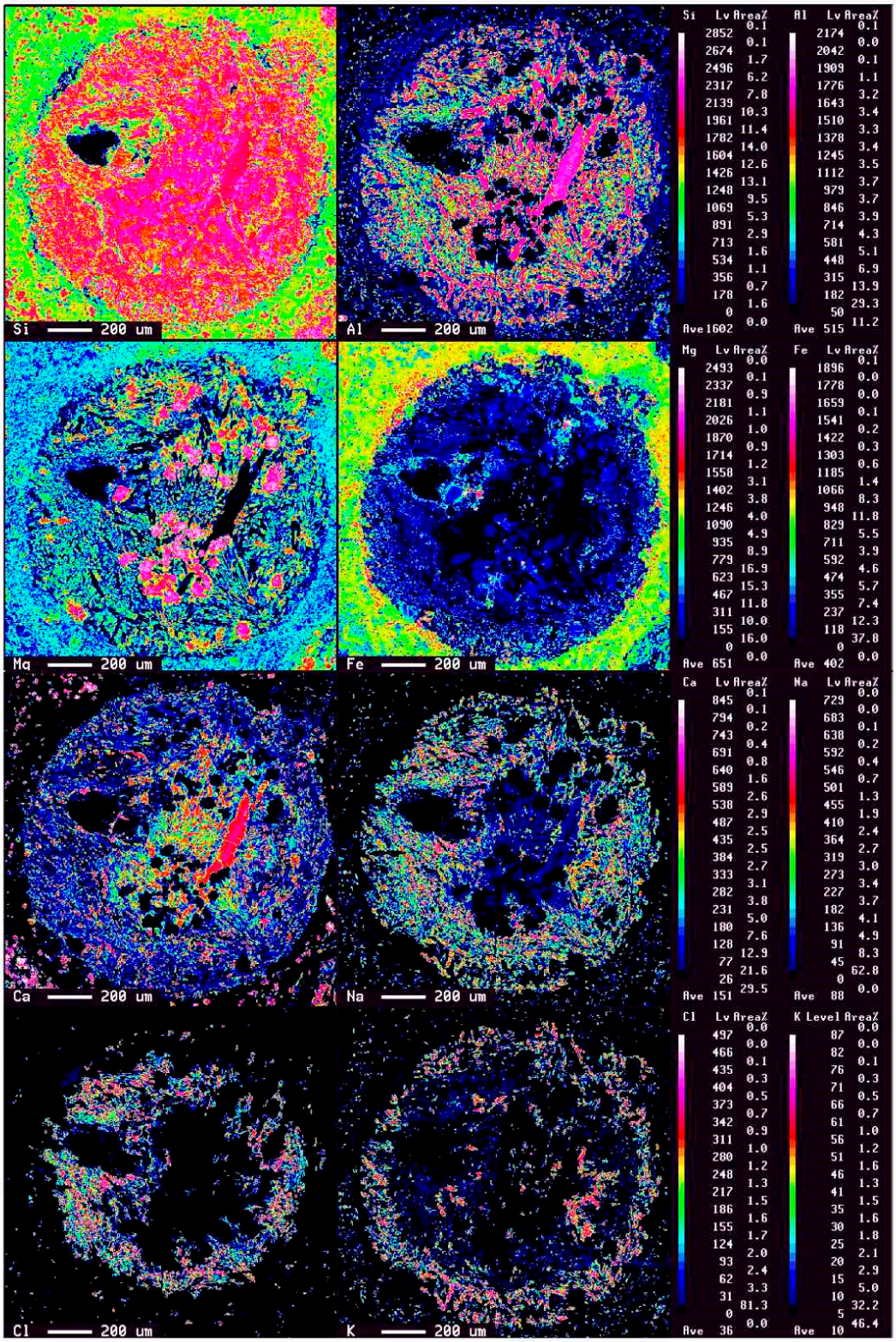
POC-18


Si 100 um
Mg 100 um
Fe 100 um
Al 100 um
Na 100 um
Ca 100 um
K 100 um
Cl 100 um
Si Lv AreaZ
4051 0.0
3823 0.8
3595 1.5
3367 1.8
3138 2.3
2910 2.9
2682 9.7
2454 25.3
2225 14.9
1997 12.9
1769 10.7
1541 7.2
1312 4.3
1084 2.5
856 1.4
628 0.8
400 0.4
Ave 2285 0.7
Mg Lv AreaZ
4103 0.0
3854 0.1
3606 2.6
3358 5.7
3109 5.8
2861 4.8
2613 4.5
2364 4.9
2116 4.1
1868 3.8
1619 4.7
1371 8.3
1123 14.2
875 13.5
626 10.4
378 7.5
130 4.0
Ave 1604 1.0
Fe Lv AreaZ
2291 0.0
2149 0.0
2007 0.1
1864 0.1
1722 0.3
1579 0.6
1437 4.9
1294 13.0
1152 10.6
1010 8.0
867 7.0
725 7.1
582 7.7
440 8.8
297 11.6
155 12.2
13 7.8
Ave 786 0.0
Al Lv AreaZ
3816 0.1
3578 0.1
3339 0.1
3101 0.1
2862 0.2
2624 0.3
2385 0.5
2147 0.7
1908 0.9
1669 1.1
1431 1.5
1192 2.0
954 2.4
715 3.7
477 6.1
238 13.0
0 67.3
Ave 329 0.0
Na Lv AreaZ
674 0.1
632 0.1
590 0.2
547 0.3
505 0.3
463 0.4
421 0.4
379 0.5
337 0.6
295 0.7
252 0.8
210 1.0
168 1.1
126 1.4
84 1.9
42 3.0
0 87.1
Ave 33 0.0
Ca Lv AreaZ
1689 0.0
1584 0.0
1478 0.0
1373 0.2
1267 0.6
1162 0.8
1056 0.8
951 0.9
845 1.0
740 1.1
634 1.2
529 1.3
423 1.6
318 2.1
212 3.5
107 7.8
2 77.1
Ave 133 0.0
K Level AreaZ
108 0.3
101 0.2
94 0.3
88 0.4
81 0.4
74 0.5
67 0.4
61 0.6
54 0.7
47 0.8
40 1.0
33 1.0
27 1.4
20 1.8
13 3.5
6 33.0
0 53.6
Ave 10 0.0
Cl Lv AreaZ
362 0.1
339 0.0
317 0.0
294 0.0
271 0.0
249 0.0
226 0.0
203 0.0
181 0.0
158 0.0
135 0.0
113 0.0
90 0.0
67 0.1
45 0.1
22 0.2
0 99.3
Ave 7 0.0

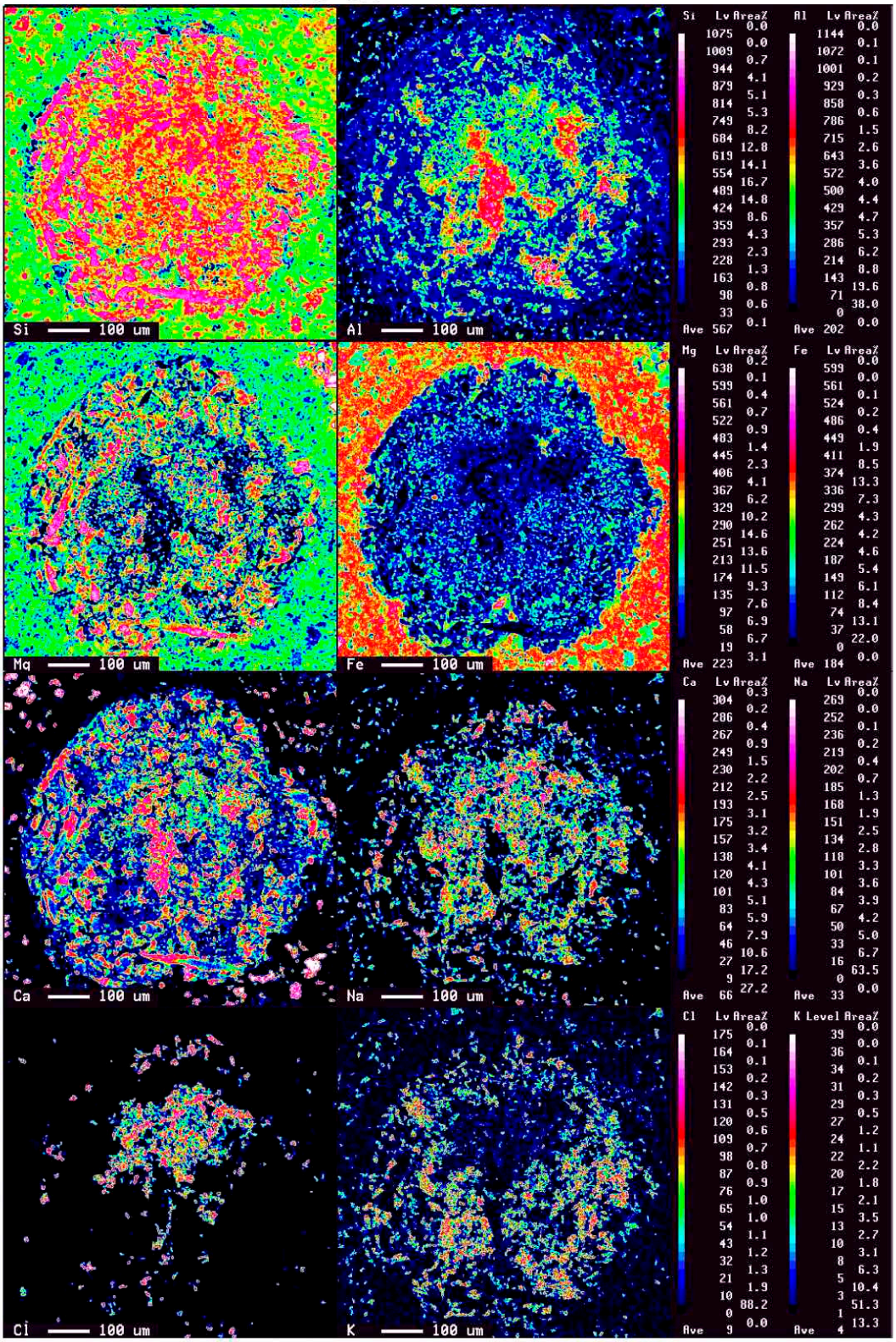
POC-19


Si Lv AreaZ
4205 0.0
3951 0.0
3696 0.8
3442 1.8
3188 3.3
2933 3.1
2679 3.5
2425 23.7
2170 14.1
1916 13.4
1661 9.2
1407 5.1
1153 3.1
898 2.3
644 2.0
389 2.0
135 2.7
Ave 1938 10.1
Si 500 um
Al Lv AreaZ
3441 0.0
3226 0.0
3011 0.0
2796 0.0
2581 0.2
2366 0.4
2151 0.7
1936 1.2
1720 1.2
1505 1.1
1290 1.2
1075 1.4
860 2.2
645 3.6
430 8.1
215 78.5
0 0.3
Ave 219
Al 500 um
Mg Lv AreaZ
4015 0.0
3764 0.6
3513 6.9
3262 8.0
3011 5.5
2760 3.9
2509 3.9
2258 3.7
2007 2.6
1756 2.4
1505 3.3
1254 7.3
1003 14.8
752 11.2
501 6.9
250 4.9
0 13.8
Ave 1609 0.3
Mg 500 um
Fe Lv AreaZ
3783 0.0
3547 0.1
3312 2.0
3076 1.5
2841 1.3
2605 4.9
2370 3.1
2134 2.6
1899 3.5
1663 8.8
1428 15.4
1192 5.8
957 4.0
721 4.4
486 7.0
250 14.5
15 20.8
Ave 1179 0.3
Fe 500 um
Na Lv AreaZ
731 0.0
685 0.0
639 0.0
594 0.0
548 0.1
502 0.1
457 0.1
411 0.2
365 0.3
319 0.4
274 0.4
228 0.4
182 0.5
137 0.6
91 1.0
45 3.3
0 92.3
Ave 17 0.3
Na 500 um
Ca Lv AreaZ
1449 0.1
1359 0.1
1268 0.2
1177 0.4
1087 0.5
996 0.4
906 0.8
815 1.2
724 1.2
634 1.2
543 1.2
453 1.3
362 1.6
271 2.0
181 2.7
90 5.6
0 79.4
Ave 113 0.3
Ca 500 um
K Level AreaZ
142 0.0
134 0.0
125 0.0
116 0.0
108 0.0
99 0.1
91 0.1
82 0.2
73 0.2
65 0.2
56 0.4
48 0.4
39 0.5
30 0.6
22 0.7
13 2.3
5 62.8
Ave 7 31.5
K 500 um
Cl Lv AreaZ
548 0.0
514 0.0
480 0.0
445 0.0
411 0.0
377 0.0
342 0.0
308 0.0
274 0.0
240 0.0
205 0.0
171 0.0
137 0.1
102 0.1
68 0.1
34 0.2
0 99.1
Ave 8 0.3
Cl 500 um

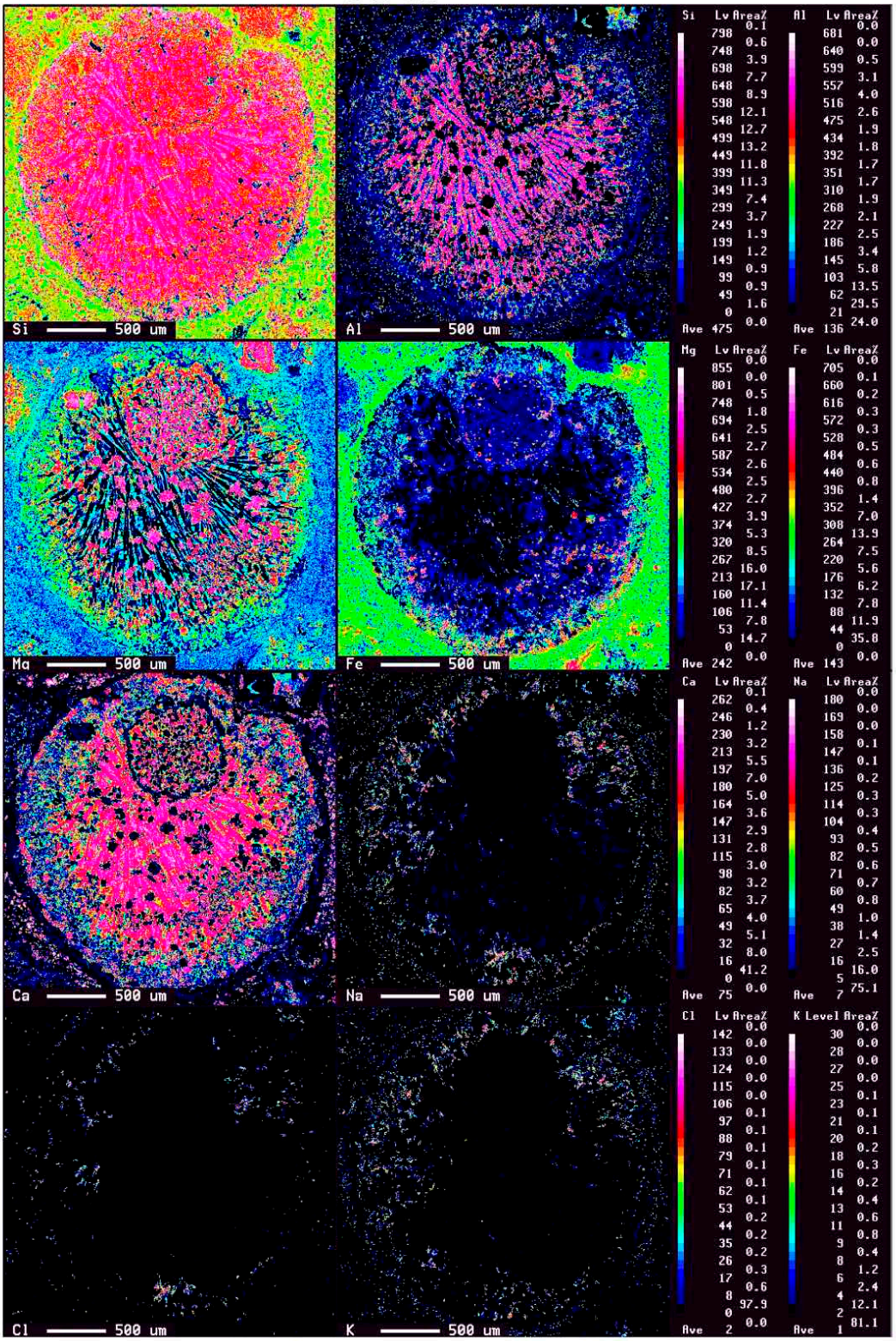
UC-01


Si 200 um
Al 200 um
Mg 200 um
Fe 200 um
Ca 200 um
Na 200 um
Cl 200 um
K 200 um
Si Lv Area%
2852 0.1
2674 0.1
2496 1.7
2317 6.2
2139 7.8
1961 10.3
1782 11.4
1604 14.0
1426 12.6
1248 13.1
1069 9.5
891 5.3
713 2.9
534 1.6
356 1.1
178 0.7
0 1.6
Ave 1602 0.0
Al Lv Area%
2174 0.1
2042 0.0
1909 0.1
1776 1.1
1643 3.2
1510 3.4
1378 3.3
1245 3.4
1112 3.5
979 3.7
846 3.7
714 3.9
581 4.3
448 5.1
315 6.9
182 13.9
50 29.3
Ave 515 11.2
Mg Lv Area%
2493 0.0
2337 0.1
2181 0.9
2026 1.1
1870 1.0
1714 0.9
1558 1.2
1402 3.1
1246 3.8
1090 4.0
935 4.9
779 8.9
623 16.9
467 15.3
311 11.8
155 10.0
0 16.0
Ave 651 0.0
Fe Lv Area%
1896 0.1
1778 0.0
1659 0.0
1541 0.1
1422 0.2
1303 0.3
1185 0.6
1066 1.4
948 8.3
829 11.8
711 5.5
592 3.9
474 4.6
355 5.7
237 7.4
118 12.3
0 37.8
Ave 402 0.0
Ca Lv Area%
845 0.1
794 0.1
743 0.2
691 0.4
640 0.8
589 1.6
538 2.6
487 2.9
435 2.5
384 2.5
333 2.7
282 3.1
231 3.8
180 5.0
128 7.6
77 12.9
26 21.6
Ave 151 29.5
Na Lv Area%
729 0.0
683 0.0
638 0.1
592 0.2
546 0.4
501 0.7
455 1.3
410 1.9
364 2.4
319 2.7
273 3.0
227 3.4
182 3.7
136 4.1
91 4.9
45 8.3
0 62.8
Ave 88 0.0
Cl Lv Area%
497 0.0
466 0.0
435 0.1
404 0.3
373 0.5
342 0.7
311 0.9
280 1.0
248 1.2
217 1.3
186 1.5
155 1.6
124 1.7
93 2.0
62 2.4
31 3.3
0 81.3
Ave 36 0.0
K Level Area%
87 0.0
82 0.0
76 0.1
71 0.3
66 0.5
61 0.7
56 1.0
51 1.2
46 1.6
41 1.3
35 1.5
30 1.6
25 1.8
20 2.1
15 2.9
10 5.0
5 32.2
Ave 10 46.4

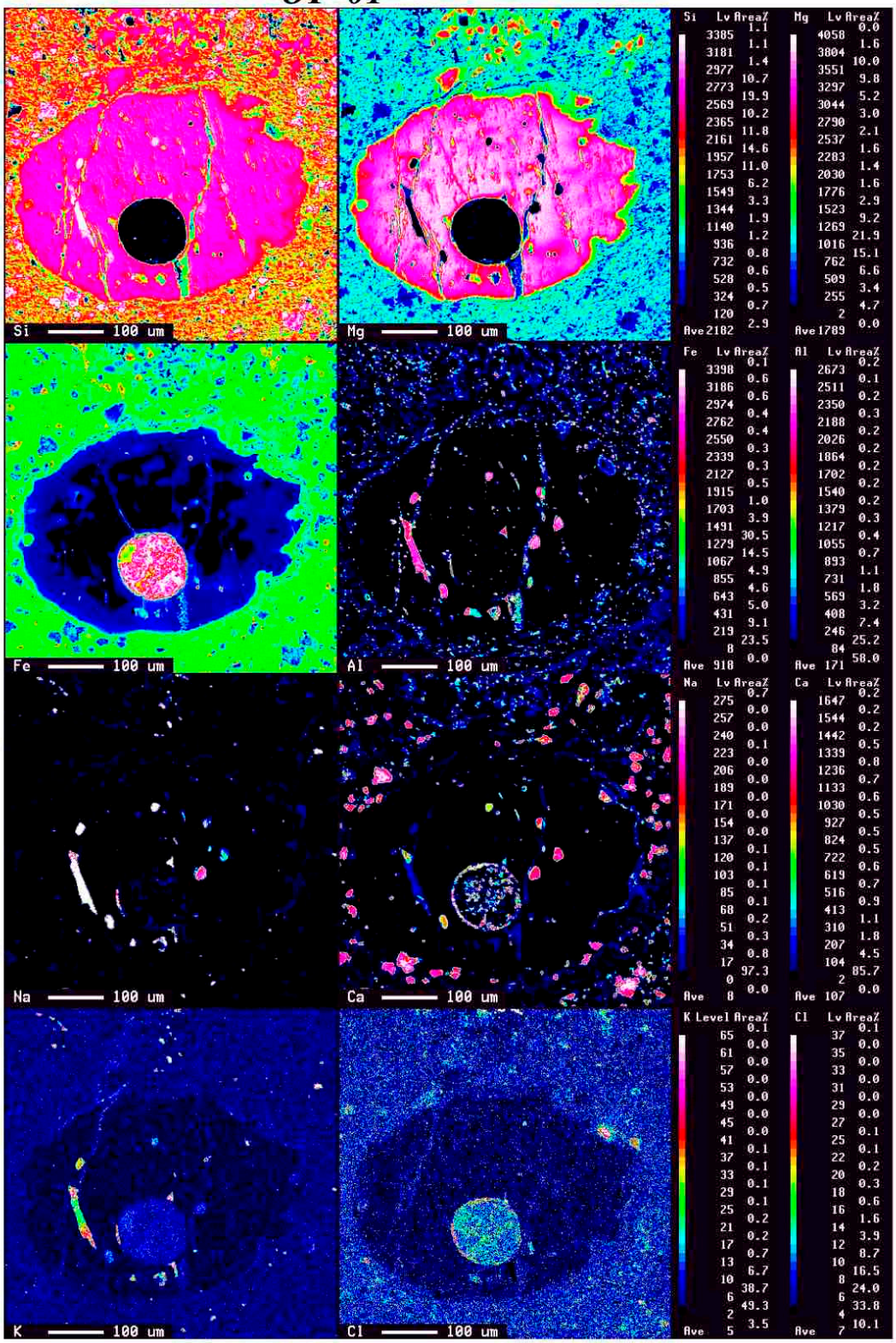
UC-02


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Ca 100 um
Na 100 um
Cl 100 um
K 100 um
Si Lv Area%
1075 0.0
1009 0.0
944 0.7
879 4.1
814 5.1
749 5.3
684 8.2
619 12.8
554 14.1
489 16.7
424 14.8
359 8.6
293 4.3
228 2.3
163 1.3
98 0.8
33 0.6
Ave 567 0.1
Al Lv Area%
1144 0.0
1072 0.1
1001 0.1
929 0.2
858 0.3
786 0.6
715 1.5
643 2.6
572 3.6
500 4.0
429 4.4
357 4.7
286 5.3
214 6.2
143 8.8
71 19.6
0 38.0
Ave 202 0.0
Mg Lv Area%
638 0.2
599 0.1
561 0.4
522 0.7
483 0.9
445 1.4
406 2.3
367 4.1
329 6.2
290 10.2
251 14.6
213 13.6
174 11.5
135 9.3
97 7.6
58 6.9
19 6.7
Ave 223 3.1
Fe Lv Area%
599 0.0
561 0.0
524 0.1
486 0.2
449 0.4
411 1.9
374 8.5
336 13.3
299 7.3
262 4.3
224 4.2
187 4.6
149 5.4
112 6.1
74 8.4
37 13.1
0 22.0
Ave 184 0.0
Ca Lv Area%
304 0.3
286 0.2
267 0.4
249 0.9
230 1.5
212 2.2
193 2.5
175 3.1
157 3.2
138 3.4
120 4.1
101 4.3
83 5.1
64 5.9
46 7.9
27 10.6
9 17.2
Ave 66 27.2
Na Lv Area%
269 0.0
252 0.0
236 0.1
219 0.2
202 0.4
185 0.7
168 1.3
151 1.9
134 2.5
118 2.8
101 3.3
84 3.6
67 3.9
50 4.2
33 5.0
16 6.7
0 63.5
Ave 33 0.0
Cl Lv Area%
175 0.0
164 0.1
153 0.1
142 0.2
131 0.3
120 0.5
109 0.6
98 0.7
87 0.8
76 0.9
65 1.0
54 1.0
43 1.1
32 1.2
21 1.3
10 1.9
0 88.2
Ave 9 0.0
K Level Area%
39 0.0
36 0.0
34 0.1
31 0.2
29 0.3
27 0.5
24 1.2
22 1.1
20 2.2
17 1.8
15 2.1
13 3.5
10 2.7
8 3.1
5 6.3
3 10.4
1 51.3
Ave 4 13.3

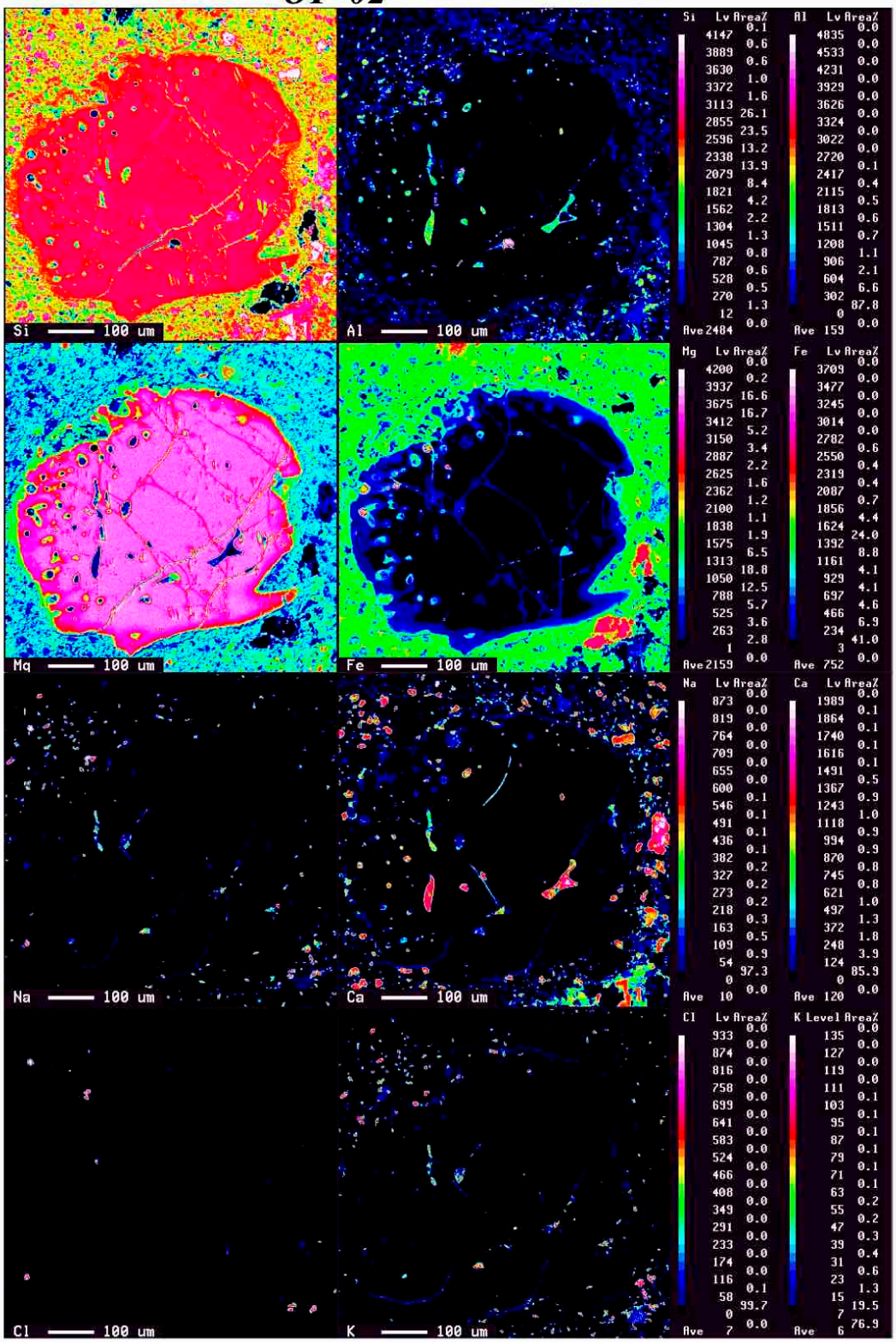
UC-03


Si 500 um
Al 500 um
Mg 500 um
Fe 500 um
Ca 500 um
Na 500 um
Cl 500 um
K 500 um

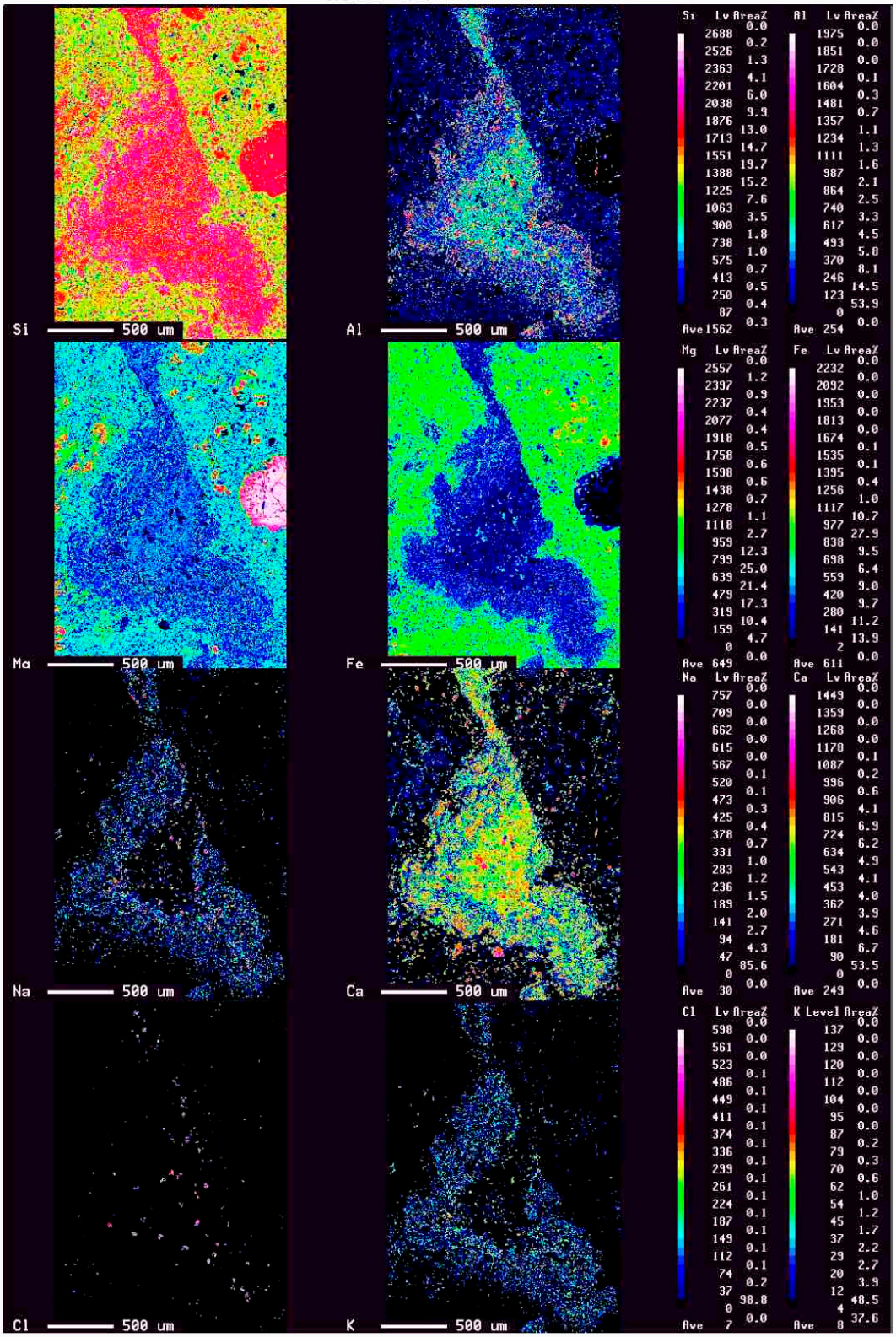
OF-01


Si 100 um
Mg 100 um
Fe 100 um
Al 100 um
Na 100 um
Ca 100 um
K 100 um
Cl 100 um
Si Lv AreaZ
3385 1.1
3181 1.1
2977 1.4
2773 10.7
2569 19.9
2365 10.2
2161 11.8
1957 14.6
1753 11.0
1549 6.2
1344 3.3
1140 1.9
936 1.2
732 0.8
528 0.6
324 0.5
120 0.7
Ave 2182 2.9
Mg Lv AreaZ
4058 0.0
3804 1.6
3551 10.0
3297 9.8
3044 5.2
2790 3.0
2537 2.1
2283 1.6
2030 1.4
1776 1.6
1523 2.9
1269 9.2
1016 21.9
762 15.1
509 6.6
255 3.4
2 4.7
Ave 1789 0.0
Fe Lv AreaZ
3398 0.1
3186 0.6
2974 0.6
2762 0.4
2550 0.4
2339 0.3
2127 0.3
1915 0.5
1703 1.0
1491 3.9
1279 30.5
1067 14.5
855 4.9
643 4.6
431 5.0
219 9.1
8 23.5
Ave 918 0.0
Al Lv AreaZ
2673 0.2
2511 0.1
2350 0.2
2188 0.3
2026 0.2
1864 0.2
1702 0.2
1540 0.2
1379 0.2
1217 0.3
1055 0.4
893 0.7
731 1.1
569 1.8
408 3.2
246 7.4
84 25.2
Ave 171 58.0
Na Lv AreaZ
275 0.7
257 0.0
240 0.0
223 0.1
206 0.0
189 0.0
171 0.0
154 0.0
137 0.0
120 0.1
103 0.1
85 0.1
68 0.2
51 0.3
34 0.8
17 97.3
0 0.0
Ave 8
Ca Lv AreaZ
1647 0.2
1544 0.2
1442 0.2
1339 0.5
1236 0.8
1133 0.7
1030 0.6
927 0.5
824 0.5
722 0.5
619 0.6
516 0.7
413 0.9
310 1.1
207 1.8
104 4.5
2 85.7
Ave 107 0.0
K Level AreaZ
65 0.1
61 0.0
57 0.0
53 0.0
49 0.0
45 0.0
41 0.0
37 0.1
33 0.1
29 0.1
25 0.2
21 0.2
17 0.7
13 6.7
10 38.7
6 49.3
2 3.5
Ave 5
Cl Lv AreaZ
37 0.1
35 0.0
33 0.0
31 0.0
29 0.0
27 0.0
25 0.1
22 0.1
20 0.2
18 0.3
16 0.6
14 1.6
12 3.9
10 8.7
8 16.5
6 24.0
4 33.8
Ave 7 10.1

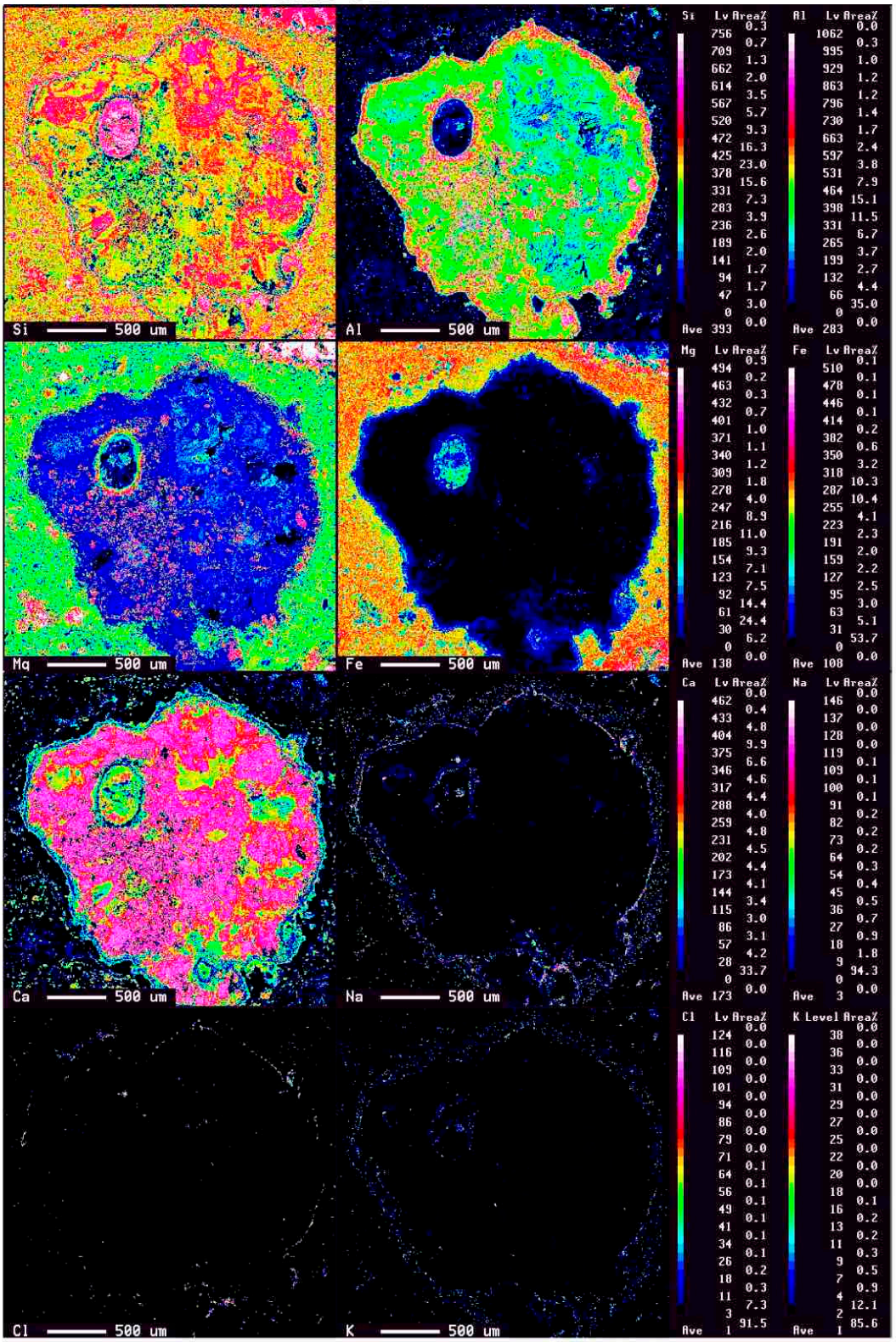
OF-02


Si 100 um
Al 100 um
Mg 100 um
Fe 100 um
Na 100 um
Ca 100 um
Cl 100 um
K 100 um
Si Lv Area%
Al Lv Area%
Mg Lv Area%
Fe Lv Area%
Na Lv Area%
Ca Lv Area%
Cl Lv Area%
K Level Area%

CAI-01


Si
500 um
Al
500 um
Mg
500 um
Fe
500 um
Na
500 um
Ca
500 um
Cl
500 um
K
500 um
Si Lv AreaZ
2688 0.0
2526 0.2
2363 1.3
2201 4.1
2038 6.0
1876 9.9
1713 13.0
1551 14.7
1388 19.7
1225 15.2
1063 7.6
900 3.5
738 1.8
575 1.0
413 0.7
250 0.5
87 0.4
Ave 1562 0.3
Al Lv AreaZ
1975 0.0
1851 0.0
1728 0.0
1604 0.1
1481 0.3
1357 0.7
1234 1.1
1111 1.3
987 1.6
864 2.1
740 2.5
617 3.3
493 4.5
370 5.8
246 8.1
123 14.5
0 53.9
Ave 254 0.0
Mg Lv AreaZ
2557 0.0
2397 1.2
2237 0.9
2077 0.4
1918 0.4
1758 0.5
1598 0.6
1438 0.6
1278 0.7
1118 1.1
959 2.7
799 12.3
639 25.0
479 21.4
319 17.3
159 10.4
0 4.7
Ave 649 0.0
Fe Lv AreaZ
2232 0.0
2092 0.0
1953 0.0
1813 0.0
1674 0.0
1535 0.1
1395 0.1
1256 0.4
1117 1.0
977 10.7
838 27.9
698 9.5
559 6.4
420 9.0
280 9.7
141 11.2
2 13.9
Ave 611 0.0
Na Lv AreaZ
757 0.0
709 0.0
662 0.0
615 0.0
567 0.1
520 0.1
473 0.3
425 0.4
378 0.7
331 1.0
283 1.2
236 1.5
189 2.0
141 2.7
94 4.3
47 85.6
0 0.0
Ave 30
Ca Lv AreaZ
1449 0.0
1359 0.0
1268 0.0
1178 0.1
1087 0.2
996 0.6
906 4.1
815 6.9
724 6.2
634 4.9
543 4.1
453 4.0
362 3.9
271 4.6
181 6.7
90 53.5
0 0.0
Ave 249
Cl Lv AreaZ
598 0.0
561 0.0
523 0.0
486 0.1
449 0.1
411 0.1
374 0.1
336 0.1
299 0.1
261 0.1
224 0.1
187 0.1
149 0.1
112 0.1
74 0.2
37 98.8
0 0.0
Ave 7
K Level AreaZ
137 0.0
129 0.0
120 0.0
112 0.0
104 0.0
95 0.0
87 0.0
79 0.2
70 0.3
62 0.6
54 1.0
45 1.2
37 1.7
29 2.2
20 2.7
12 3.9
4 48.5
Ave 8 37.6

CAI-02


Si 500 um
Al 500 um
Mg 500 um
Fe 500 um
Ca 500 um
Na 500 um
Cl 500 um
K 500 um
Si Lv Area%
Al Lv Area%
Mg Lv Area%
Fe Lv Area%
Ca Lv Area%
Na Lv Area%
Cl Lv Area%
K Level Area%