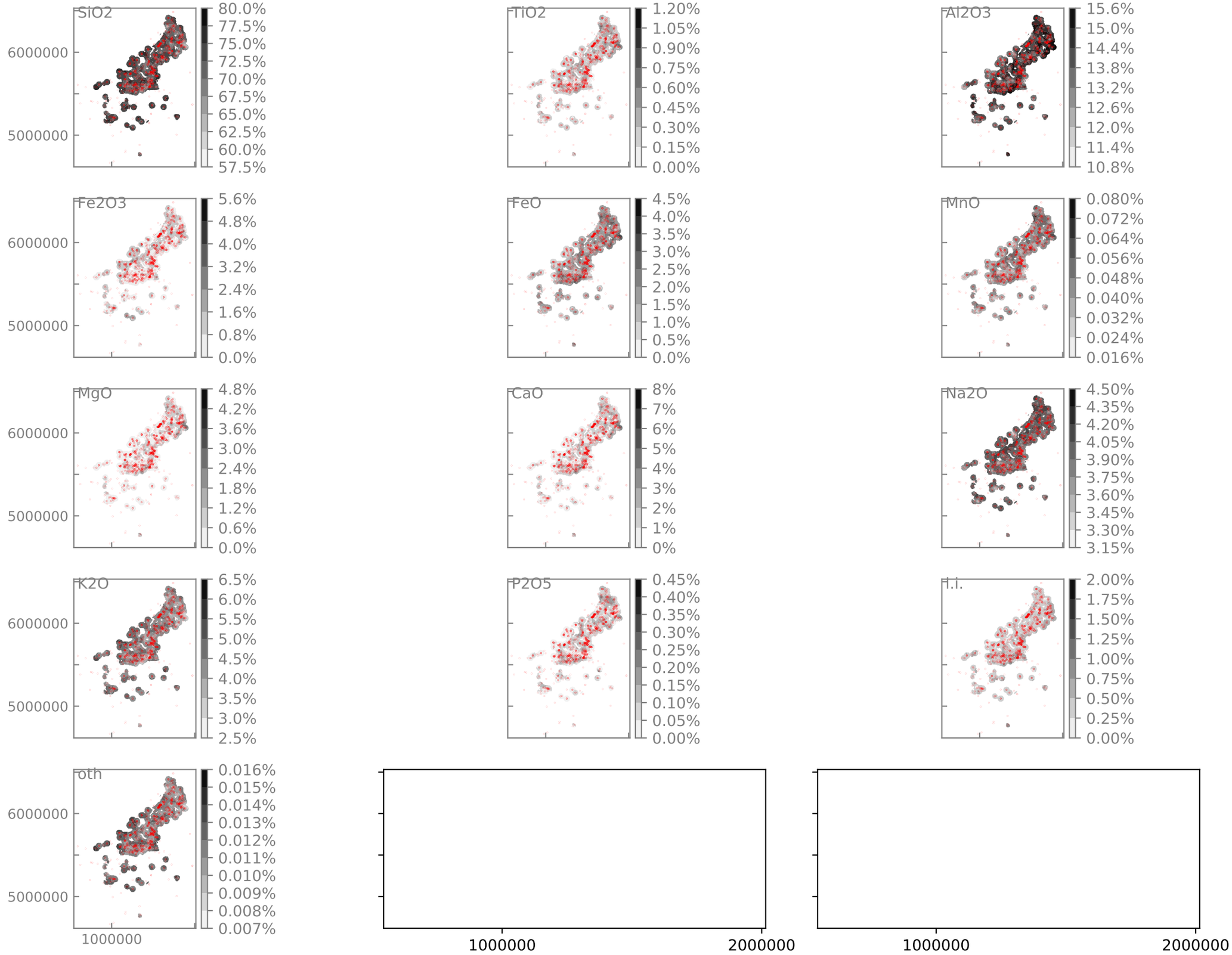
SiO2
80.0%
77.5%
75.0%
72.5%
70.0%
67.5%
65.0%
62.5%
60.0%
57.5%
TiO2
1.20%
1.05%
0.90%
0.75%
0.60%
0.45%
0.30%
0.15%
0.00%
Al2O3
15.6%
15.0%
14.4%
13.8%
13.2%
12.6%
12.0%
11.4%
10.8%
Fe2O3
5.6%
4.8%
4.0%
3.2%
2.4%
1.6%
0.8%
0.0%
FeO
4.5%
4.0%
3.5%
3.0%
2.5%
2.0%
1.5%
1.0%
0.5%
0.0%
MnO
0.080%
0.072%
0.064%
0.056%
0.048%
0.040%
0.032%
0.024%
0.016%
MgO
4.8%
4.2%
3.6%
3.0%
2.4%
1.8%
1.2%
0.6%
0.0%
CaO
8%
7%
6%
5%
4%
3%
2%
1%
0%
Na2O
4.50%
4.35%
4.20%
4.05%
3.90%
3.75%
3.60%
3.45%
3.30%
3.15%
K2O
6.5%
6.0%
5.5%
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2.5%
P2O5
0.45%
0.40%
0.35%
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0.25%
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6000000
5000000
1000000
2000000