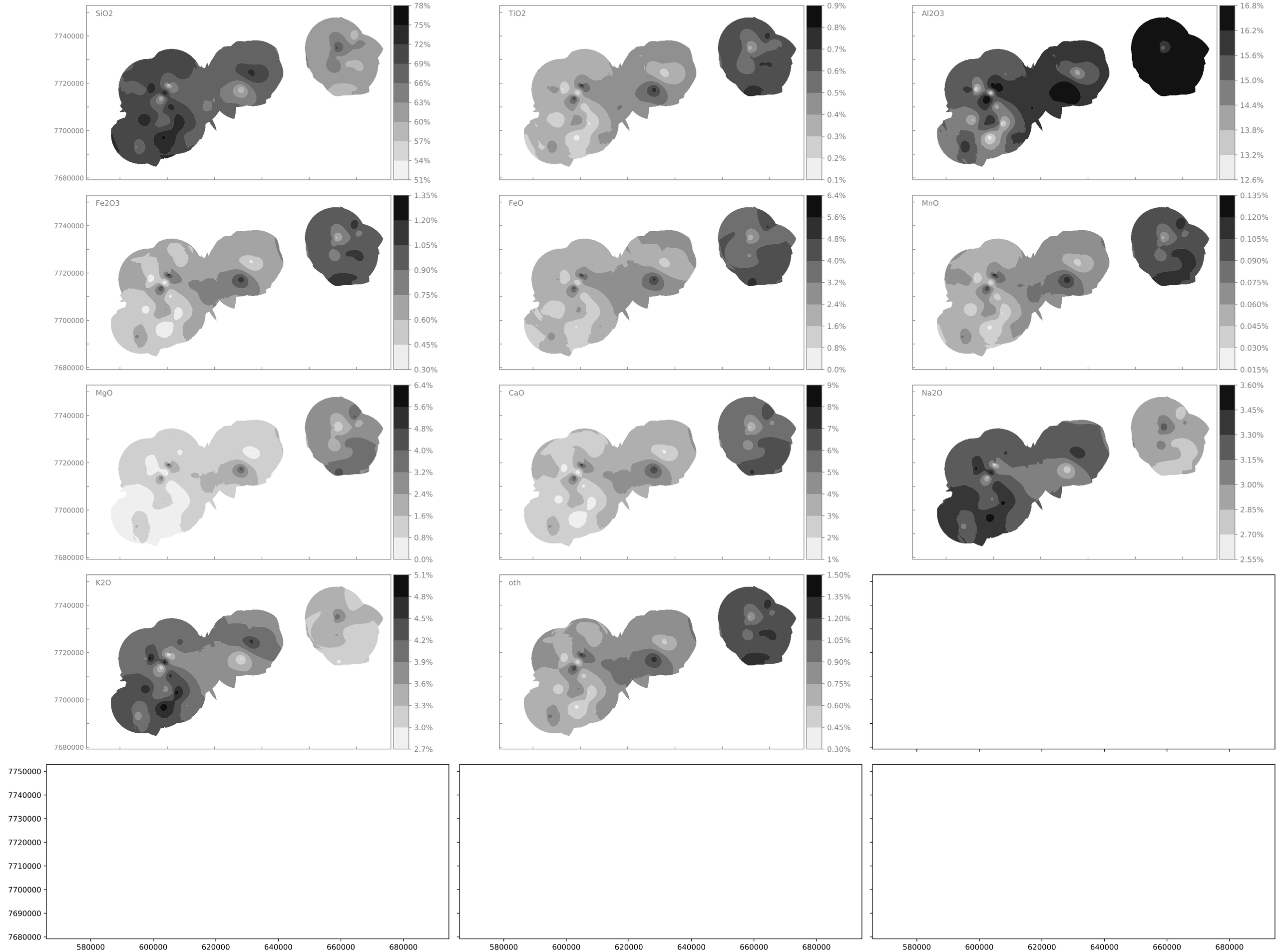
SiO2
78%
75%
72%
69%
66%
63%
60%
57%
54%
51%
TiO2
0.9%
0.8%
0.7%
0.6%
0.5%
0.4%
0.3%
0.2%
0.1%
Al2O3
16.8%
16.2%
15.6%
15.0%
14.4%
13.8%
13.2%
12.6%
Fe2O3
1.35%
1.20%
1.05%
0.90%
0.75%
0.60%
0.45%
0.30%
FeO
6.4%
5.6%
4.8%
4.0%
3.2%
2.4%
1.6%
0.8%
0.0%
MnO
0.135%
0.120%
0.105%
0.090%
0.075%
0.060%
0.045%
0.030%
0.015%
MgO
6.4%
5.6%
4.8%
4.0%
3.2%
2.4%
1.6%
0.8%
0.0%
CaO
9%
8%
7%
6%
5%
4%
3%
2%
1%
Na2O
3.60%
3.45%
3.30%
3.15%
3.00%
2.85%
2.70%
2.55%
K2O
5.1%
4.8%
4.5%
4.2%
3.9%
3.6%
3.3%
3.0%
2.7%
oth
1.50%
1.35%
1.20%
1.05%
0.90%
0.75%
0.60%
0.45%
0.30%
7750000
7740000
7730000
7720000
7710000
7700000
7690000
7680000
580000
600000
620000
640000
660000
680000