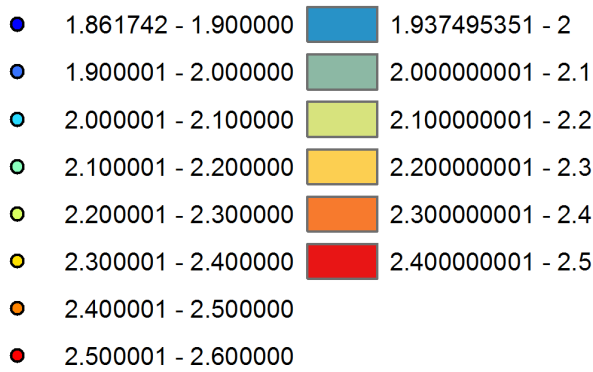
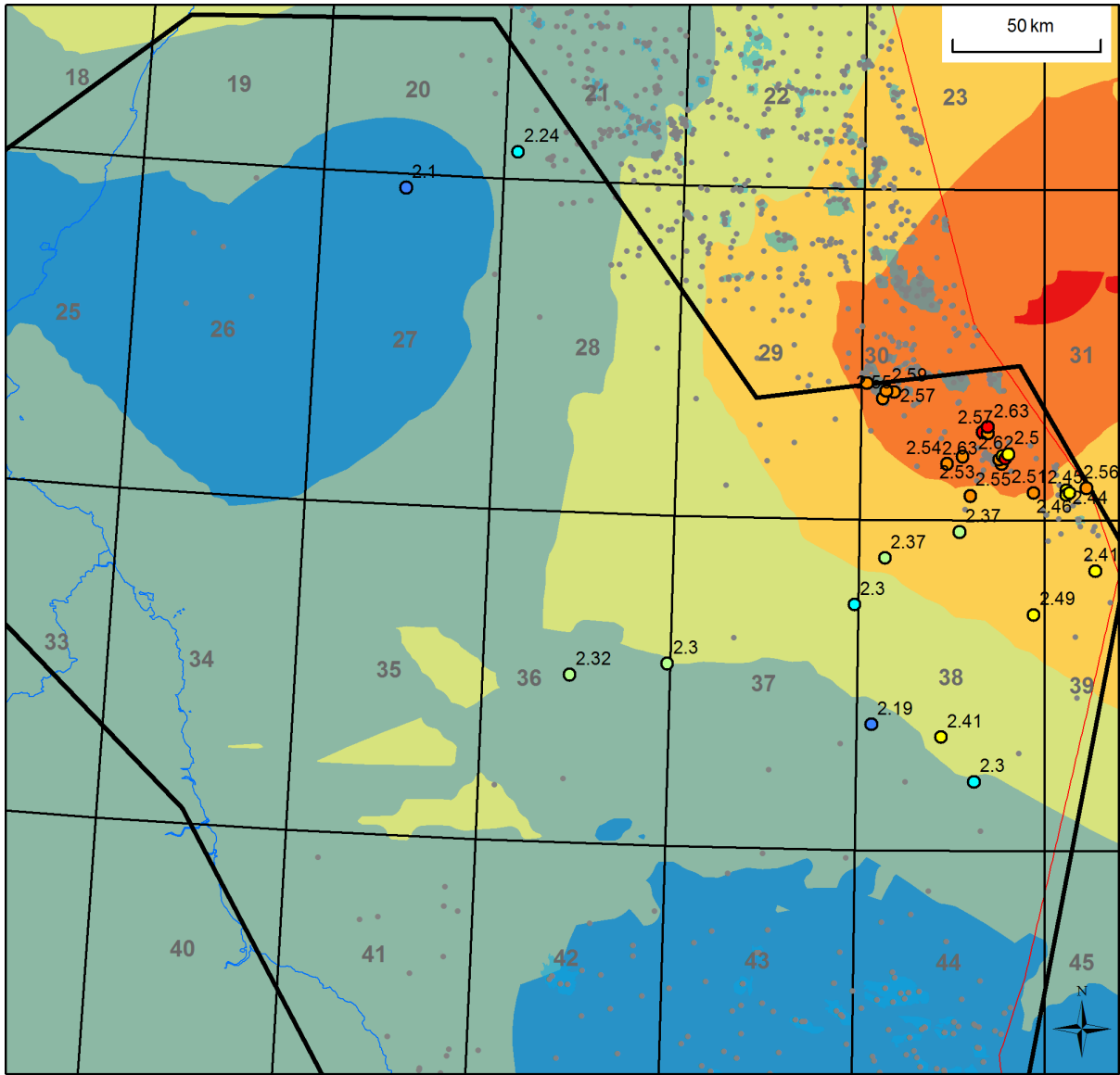


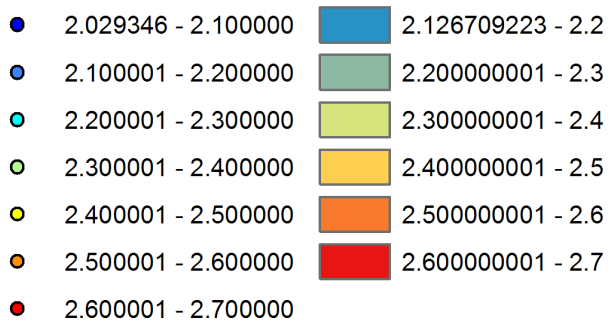
Density (g/cc)



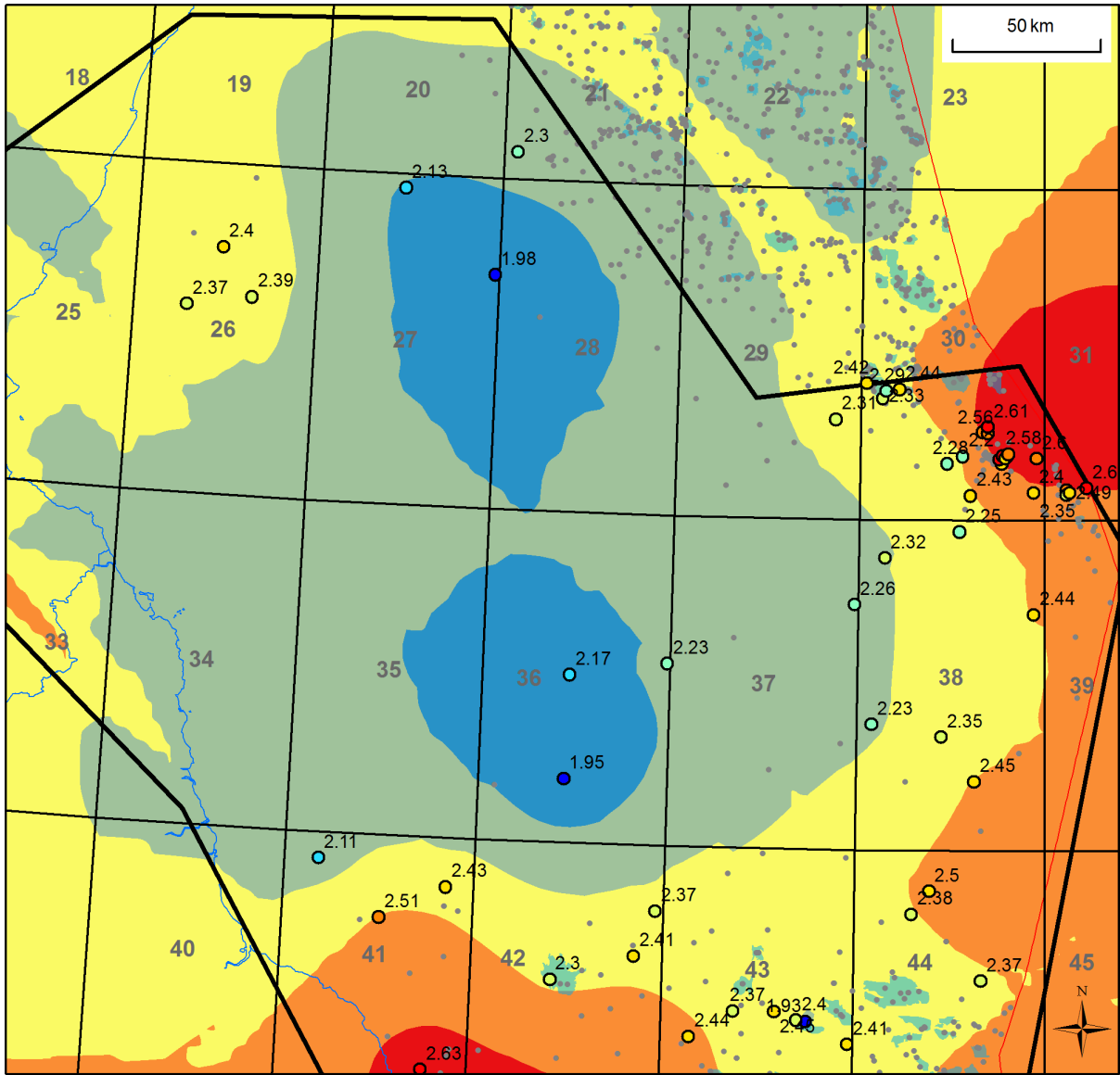
Average densities of the post-Chalk sequence derived by ordinary kriging of the well values posted



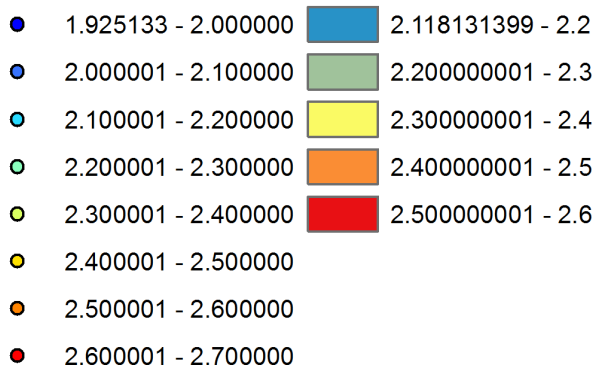
Density (g/cc)



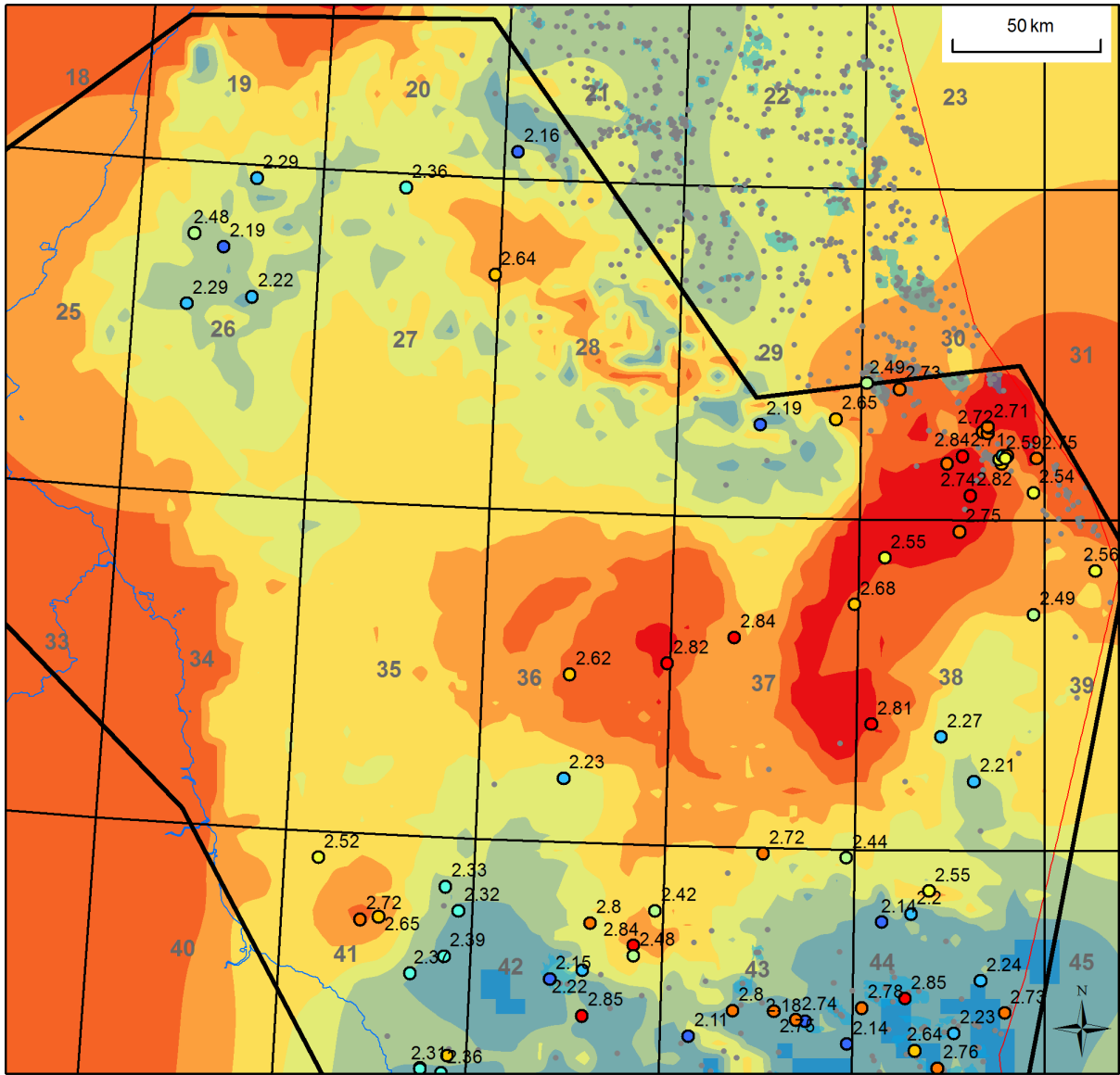
Average density of the Chalk derived by ordinary kriging of the well values posted



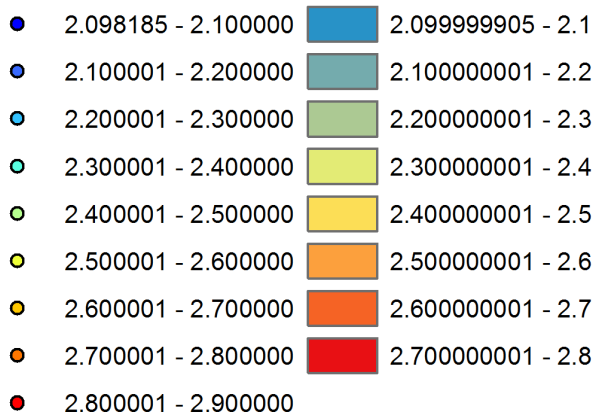
Density (g/cc)



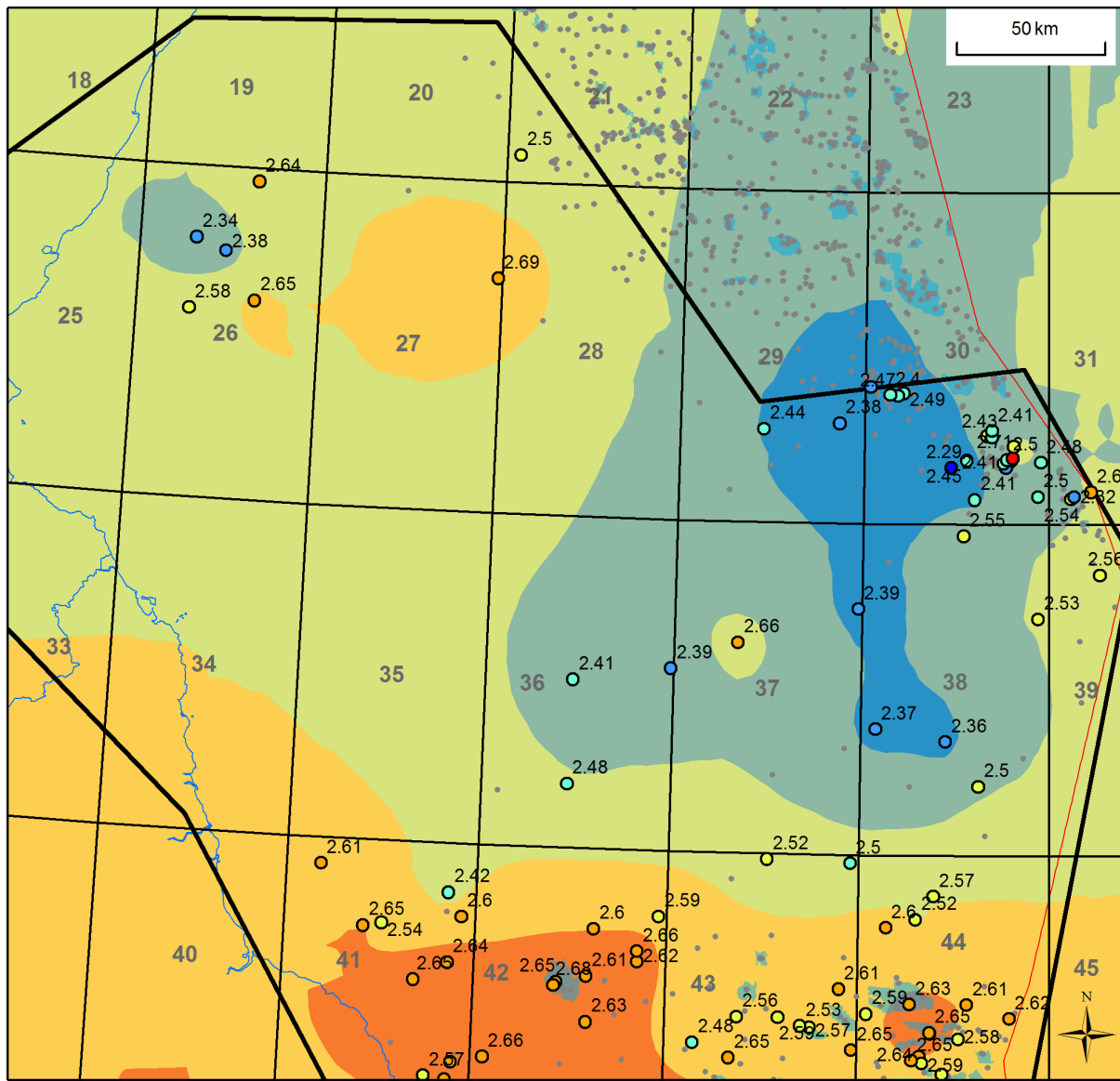
Average density of the pre-Chalk – post-Zechstein sequence derived by ordinary kriging of the well values posted



Density (g/cc)



Average densities of the Zechstein sequence derived by regression kriging of the well values posted, with the relationship between thickness and density as external drift



Density (g/cc)

● 2.286424 - 2.300000	■ 2.402237892 - 2.45
● 2.300001 - 2.400000	■ 2.450000001 - 2.5
● 2.400001 - 2.500000	■ 2.500000001 - 2.55
● 2.500001 - 2.600000	■ 2.550000001 - 2.6
● 2.600001 - 2.700000	■ 2.600000001 - 2.65
● 2.700001 - 2.800000	■ 2.650000001 - 2.7

Average density of the pre-Zechstein sequence derived by empirical Bayesian kriging of the well values posted. Note that some of the averages are influenced by Lower Palaeozoic rocks (see Figure 20a in the main report).