

## APPENDIX 1

### Figures 16 - 24



Figure 16. The road network in the area of the study.

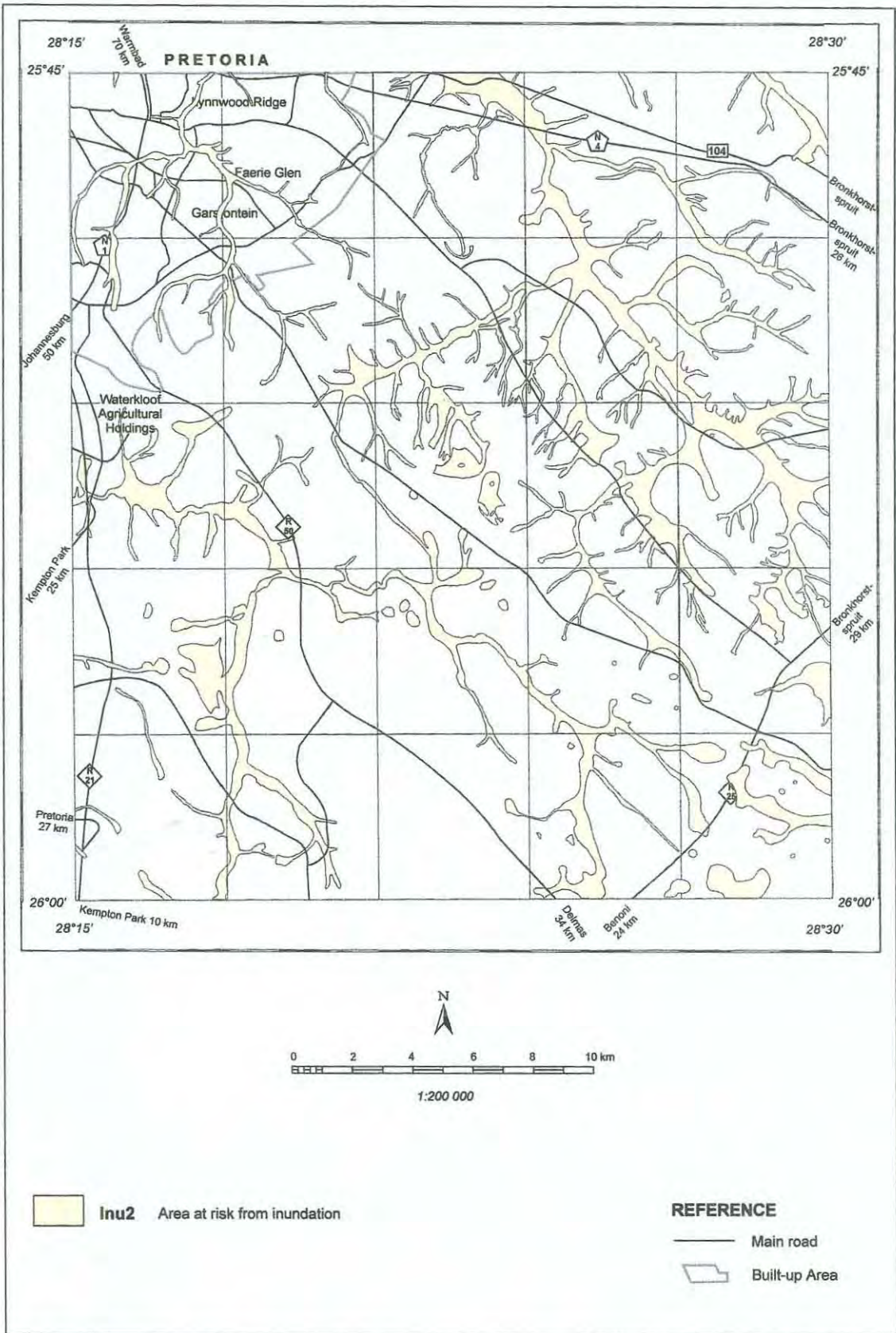


Figure 16: The area that are susceptible to inundation in the Rietvleiam 2528 CD map sheet

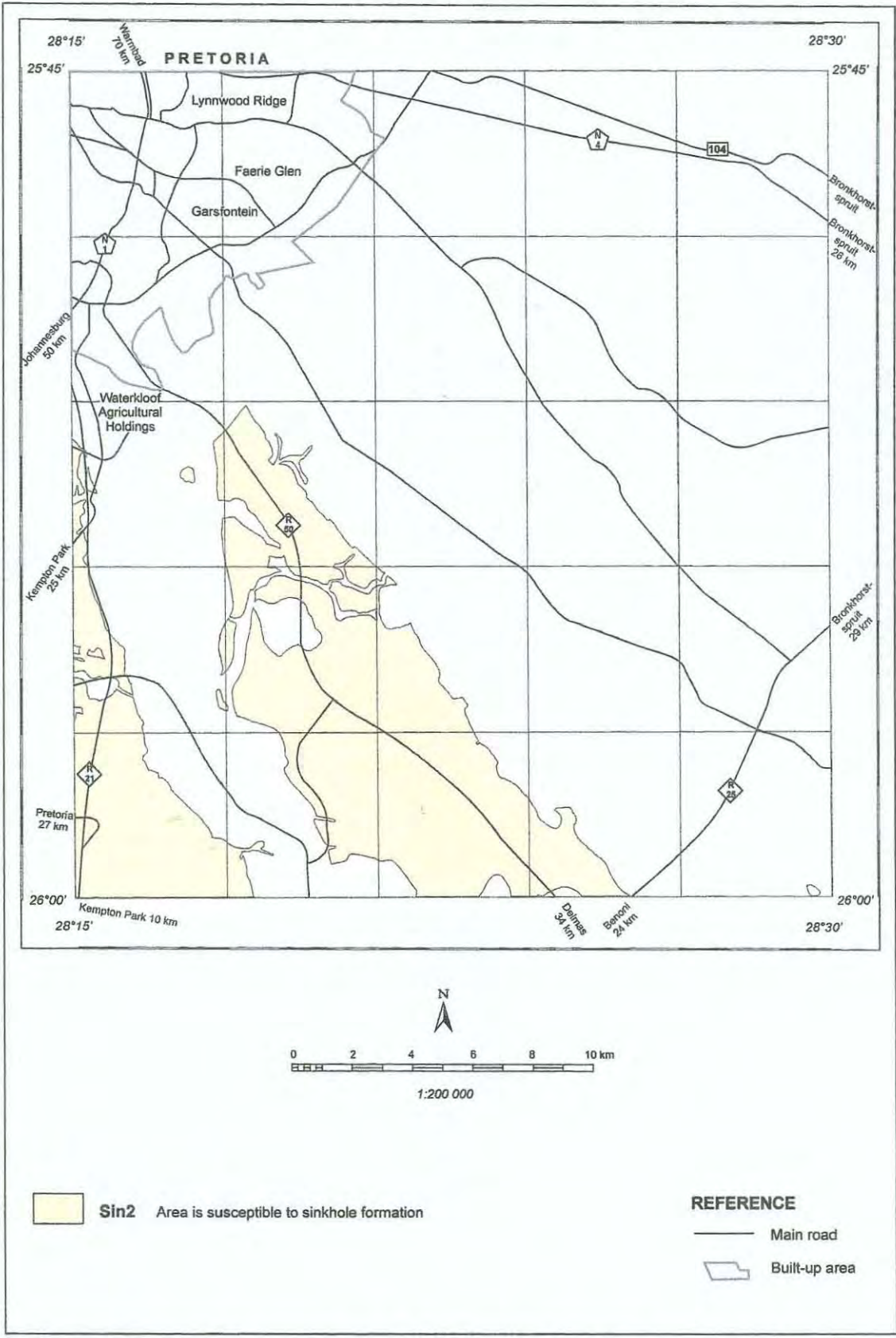


Figure 17: The area where potential exist of sinkhole formation in the Rietvleiam 2528 CD map sheet



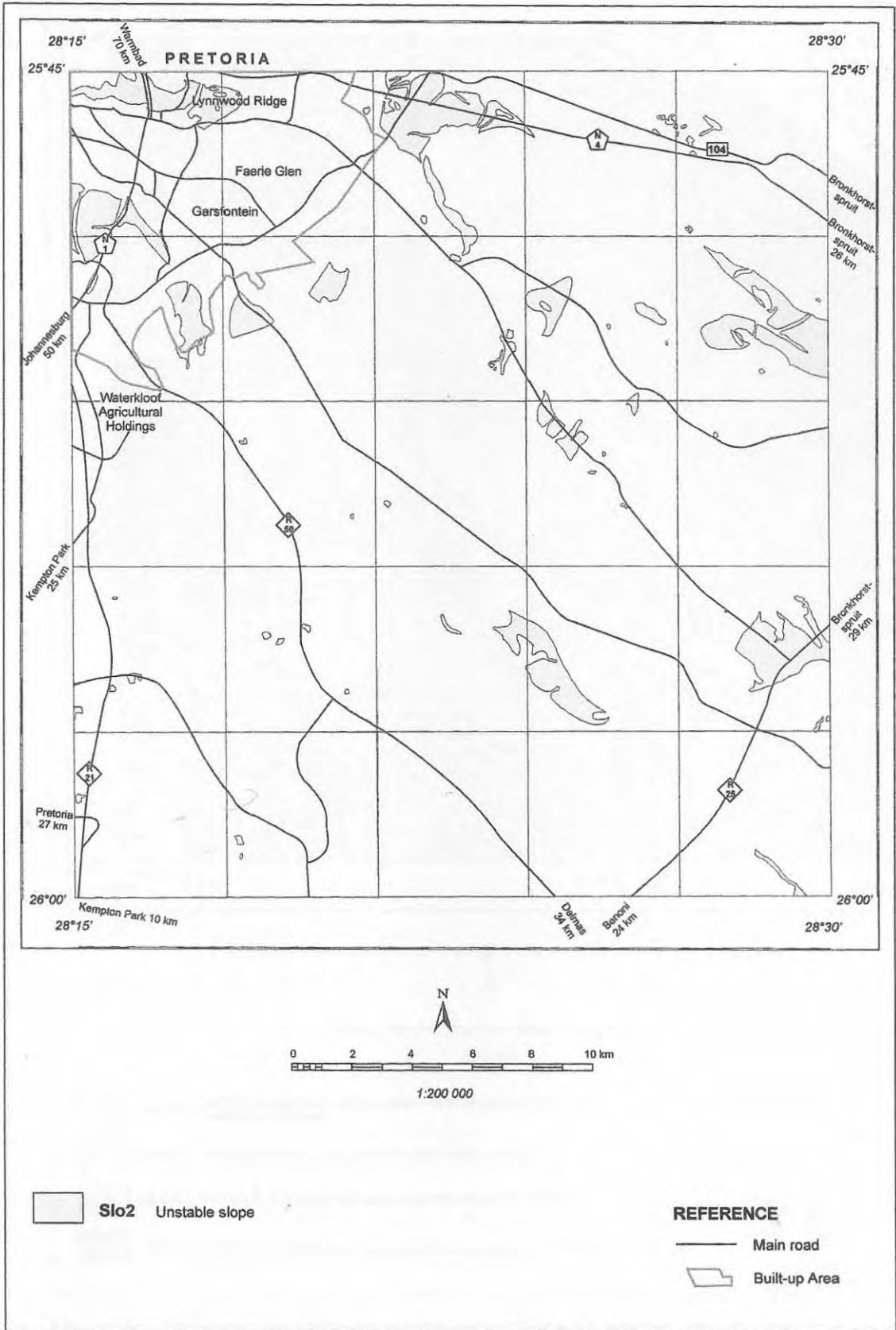
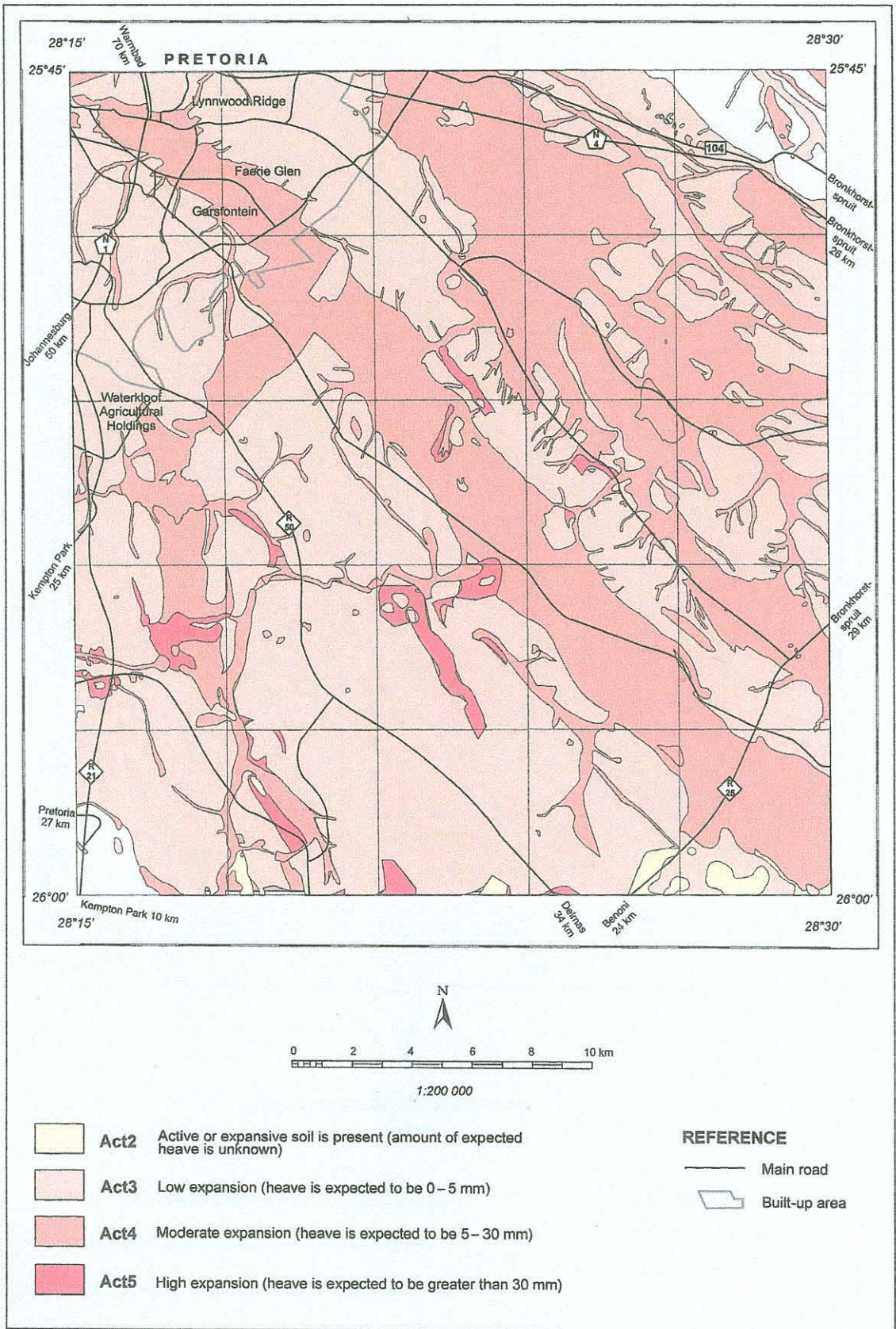


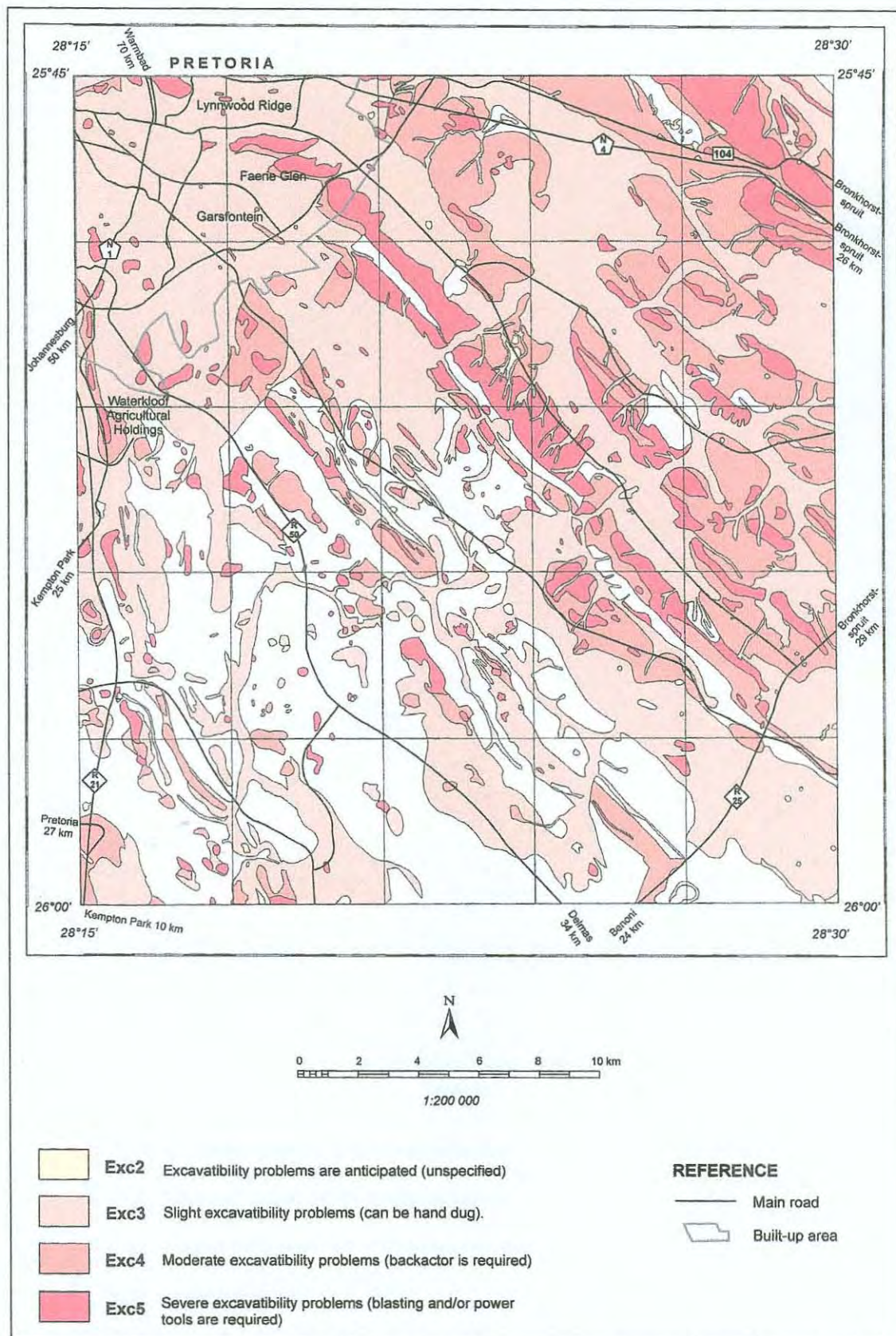
Figure 18: The area covered by slope instability characteristics in the Rietveiam 2528 CD map sheet





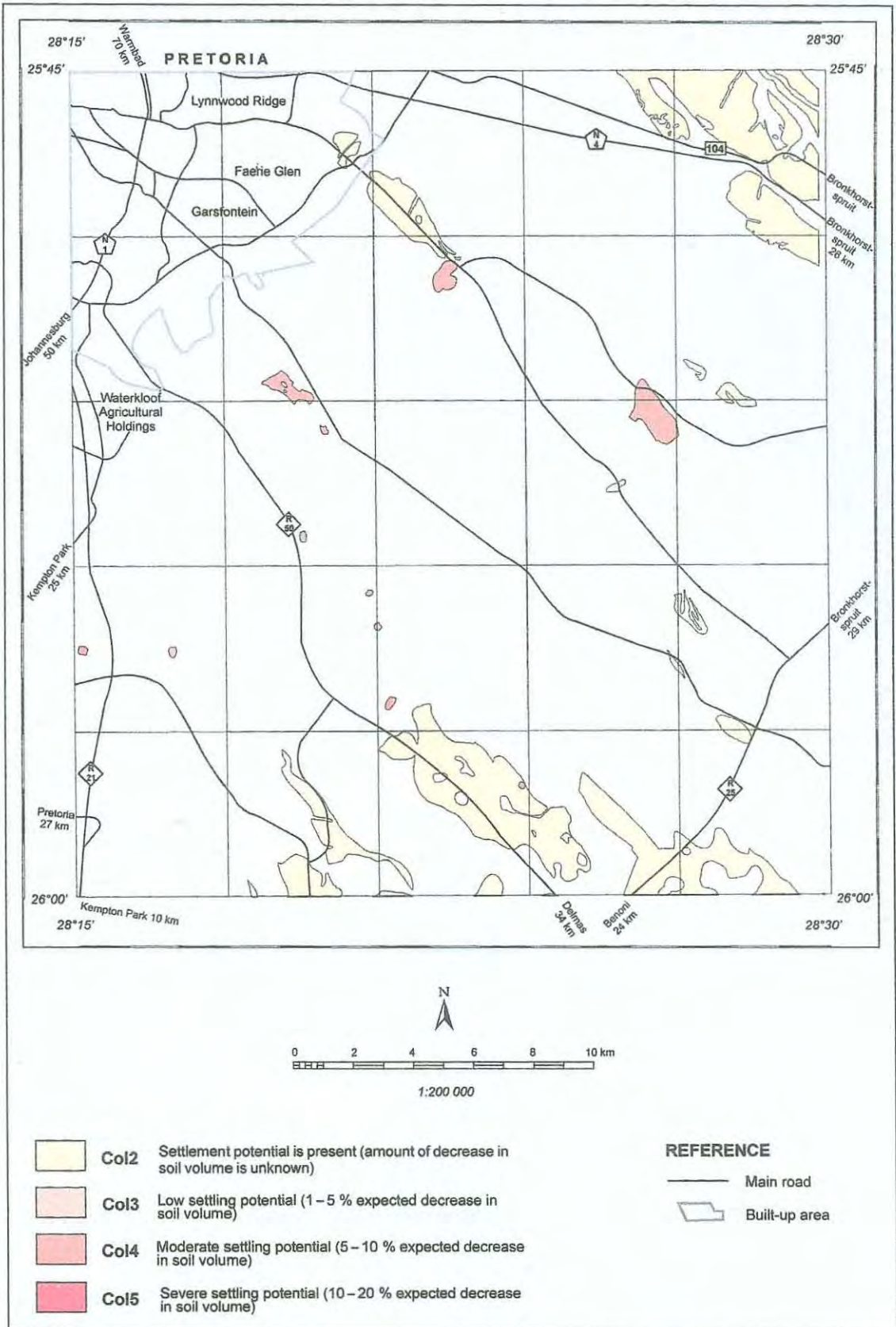
**Figure 19: The area covered by potentially collapsible soils and the severity classes thereof in the Rietvlei 2528 CD map sheet**





**Figure 20: The excavability characteristics of the soil and the severity classes thereof in the Rietvleiam 2528 CD map sheet area**





**Figure 21: The area covered by potentially collapsible soils and the severity classes thereof in the Rietvleiam 2528 CD map sheet area**

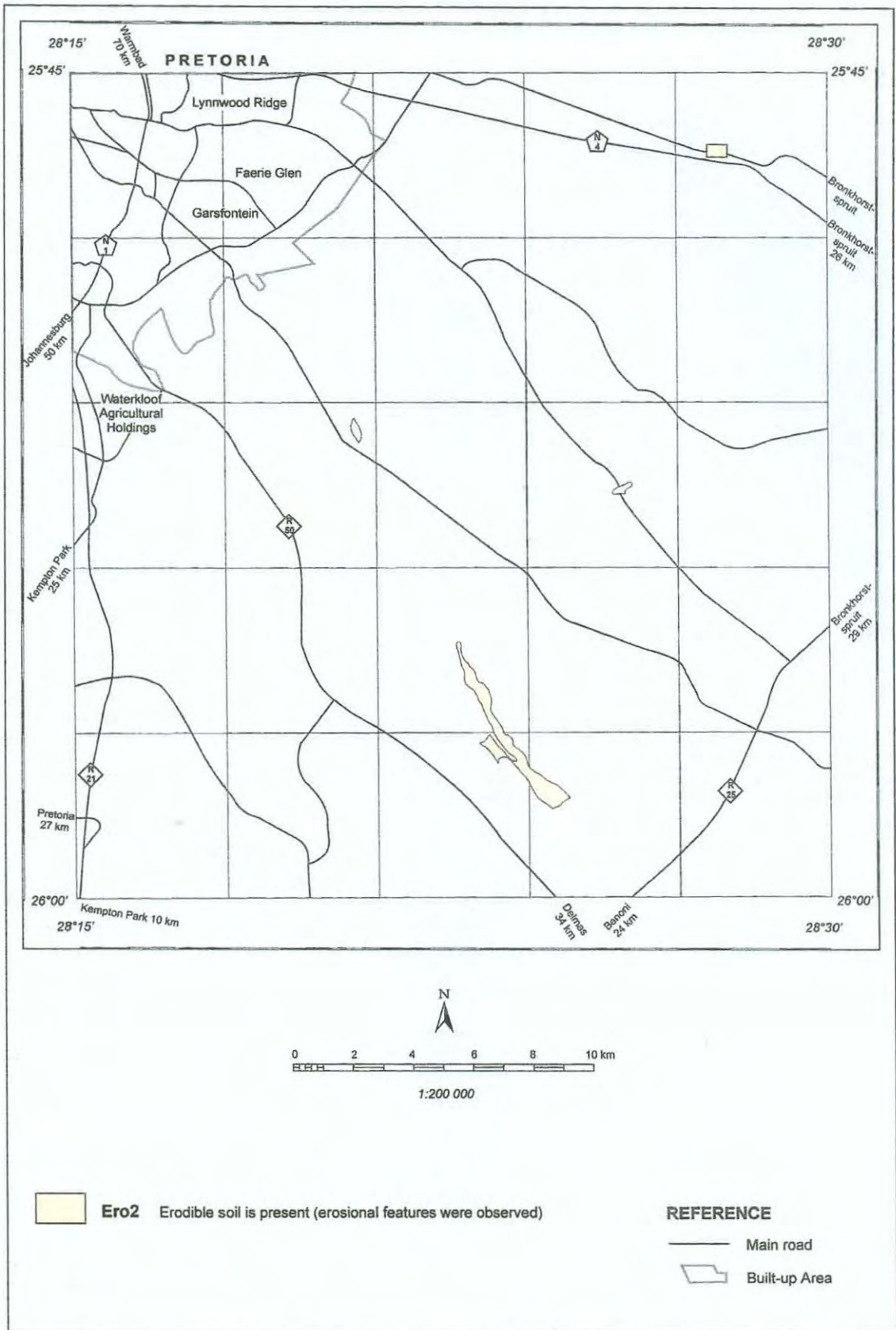


Figure 22: The area that exhibit erodible soils in the Rietvlei Dam 2528 CD map sheet



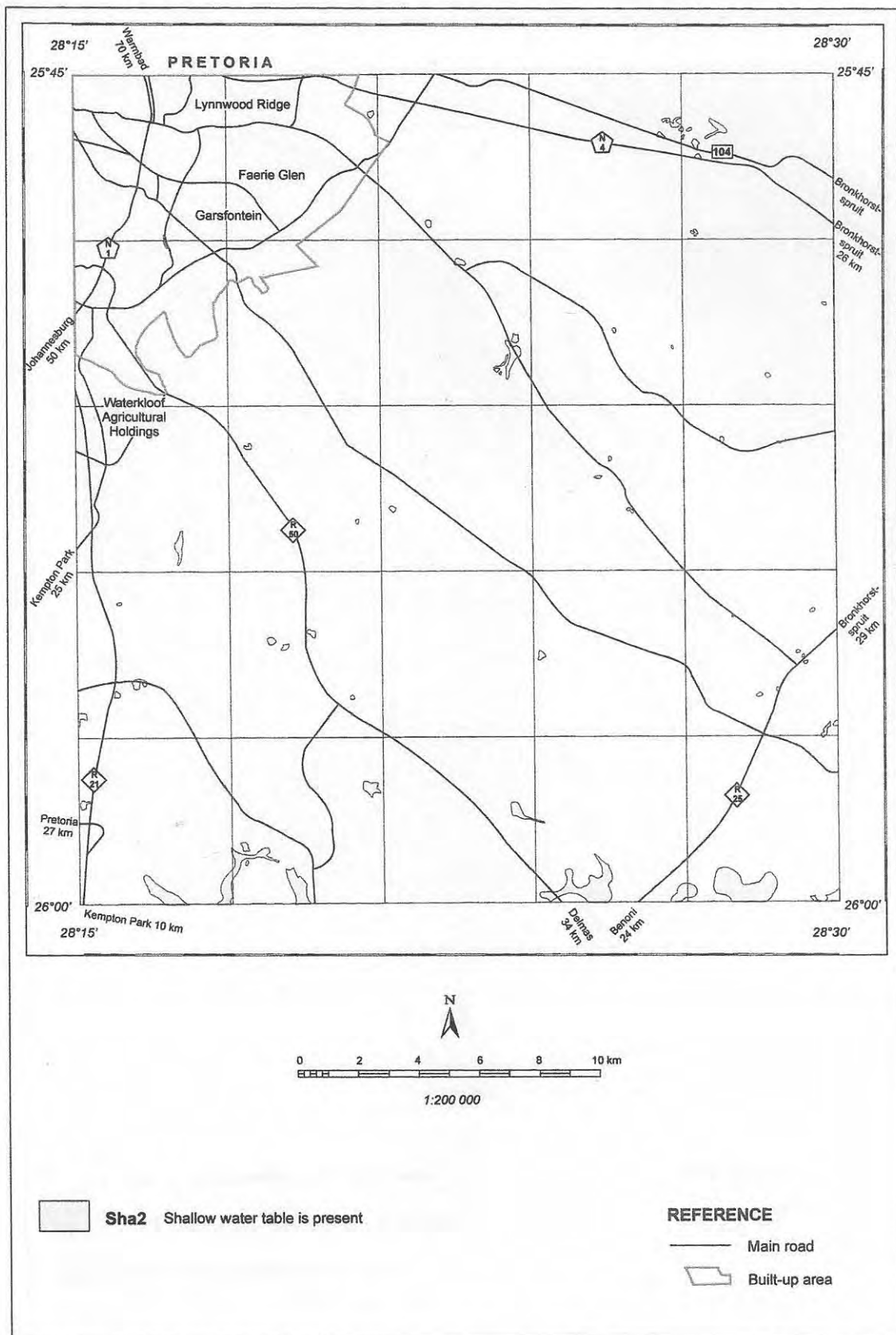


Figure 23: The area that exhibit a shallow water table in the Rietvleiam 2528 CD map sheet

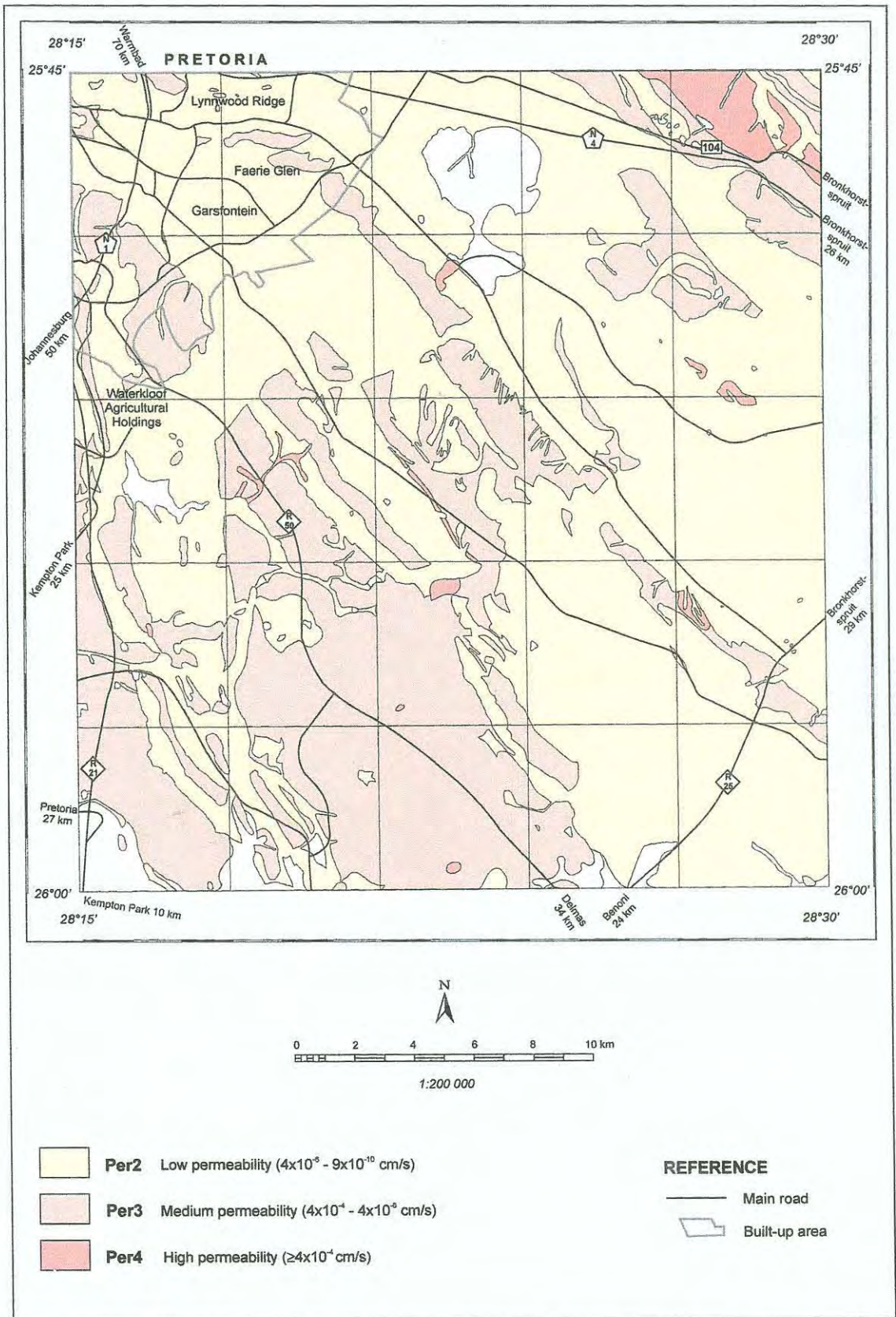


Figure 24: The expected permeability of the soils in the Rietvleiam 2528 CD map sheet area