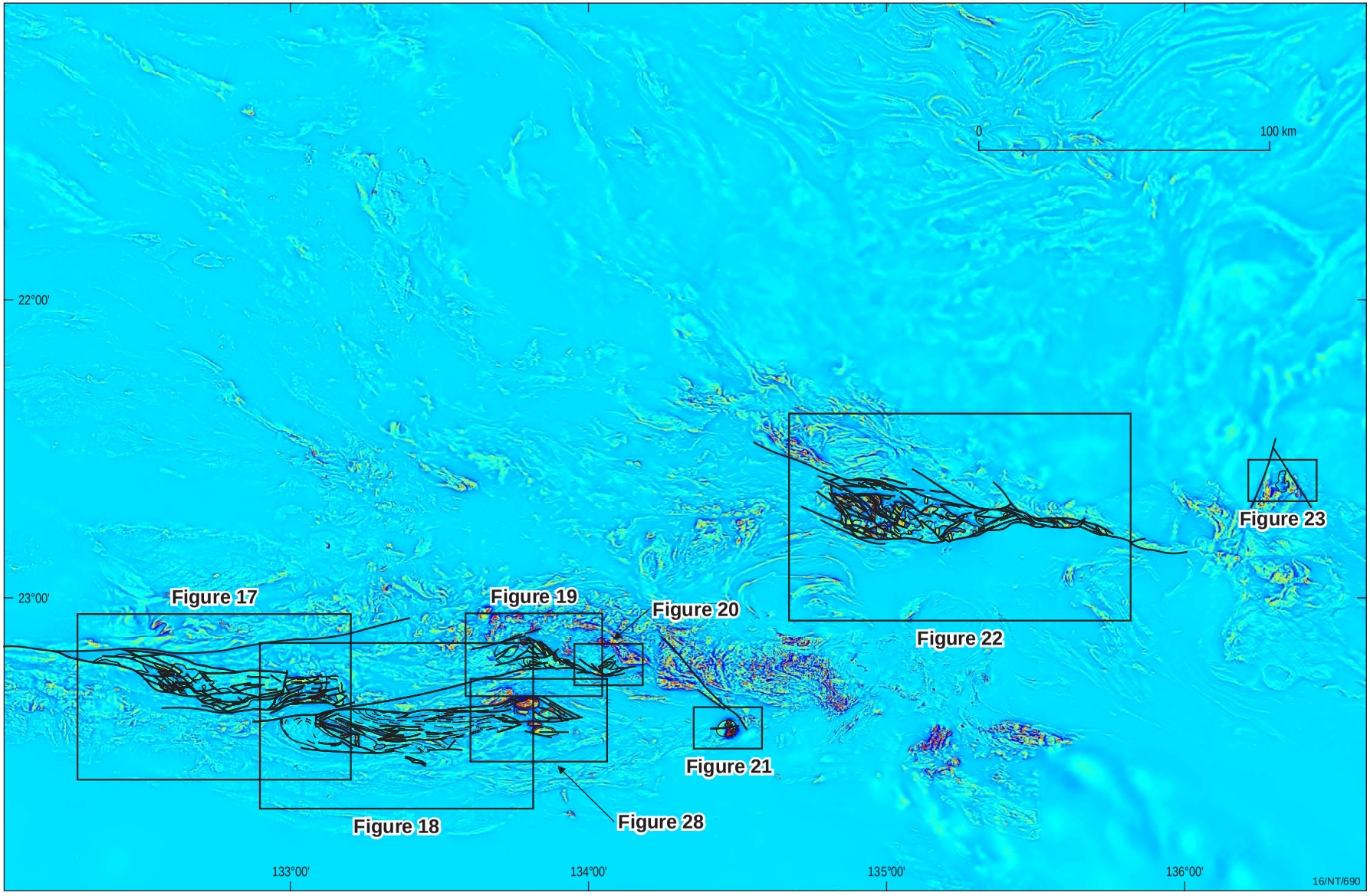

Figure 7. Pseudo colour image of the vertical gradient of the total magnetic intensity - reduced to pole, of the eastern Arunta region. Solid geology interpretations of the mafic-ultramafic intrusions are superimposed.

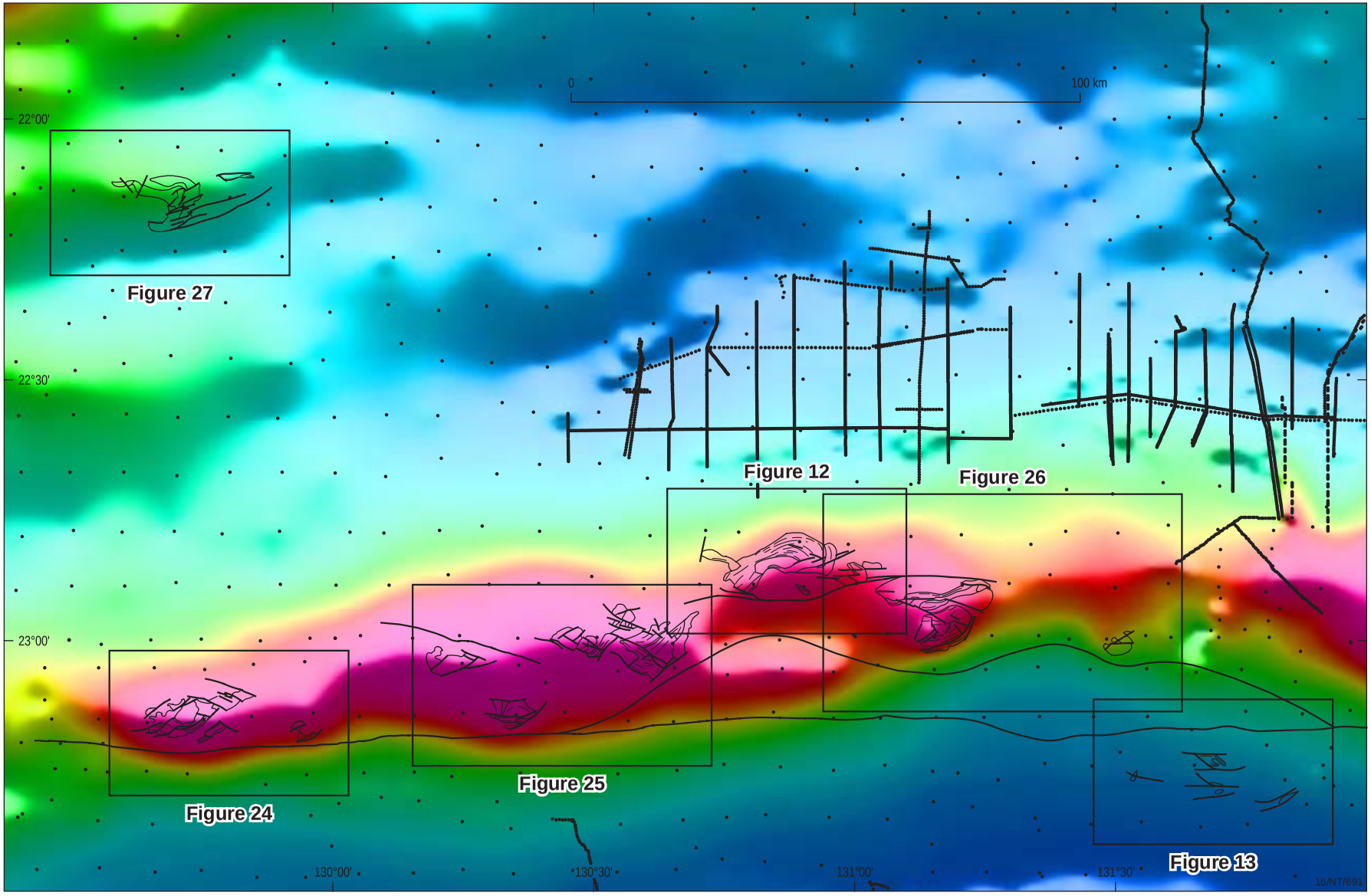

Figure 8. Colour image with a northerly illumination of the Bouguer gravity field, in the western Arunta region. Solid geology interpretations of the mafic-ultramafic intrusions are superimposed. The gravity station locations are also shown.

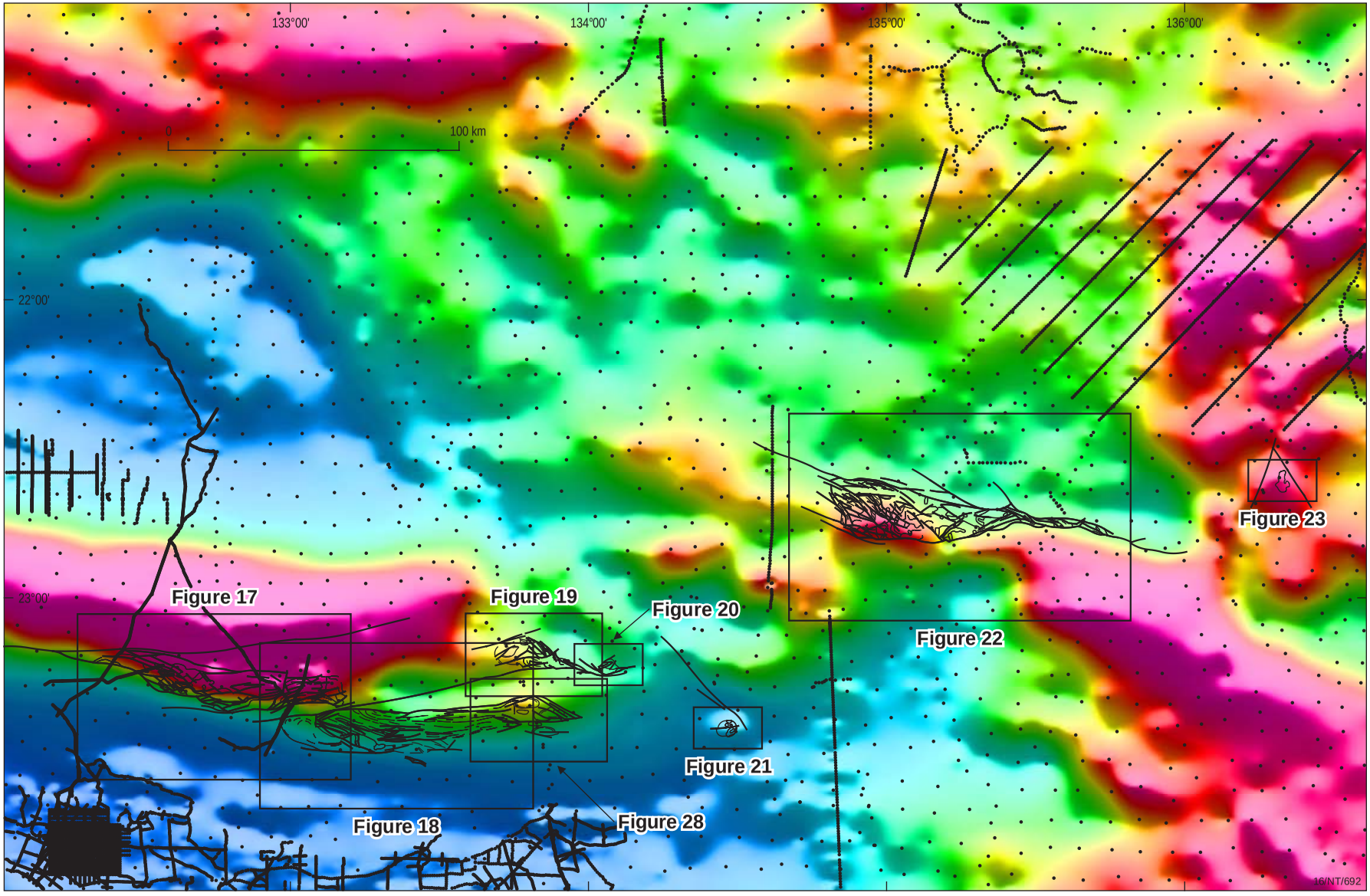

Figure 9. Colour image with a northerly illumination of the Bouguer gravity field, in the eastern Arunta region. Solid geology interpretations of the mafic-ultramafic intrusions are superimposed. The gravity station locations are also shown.

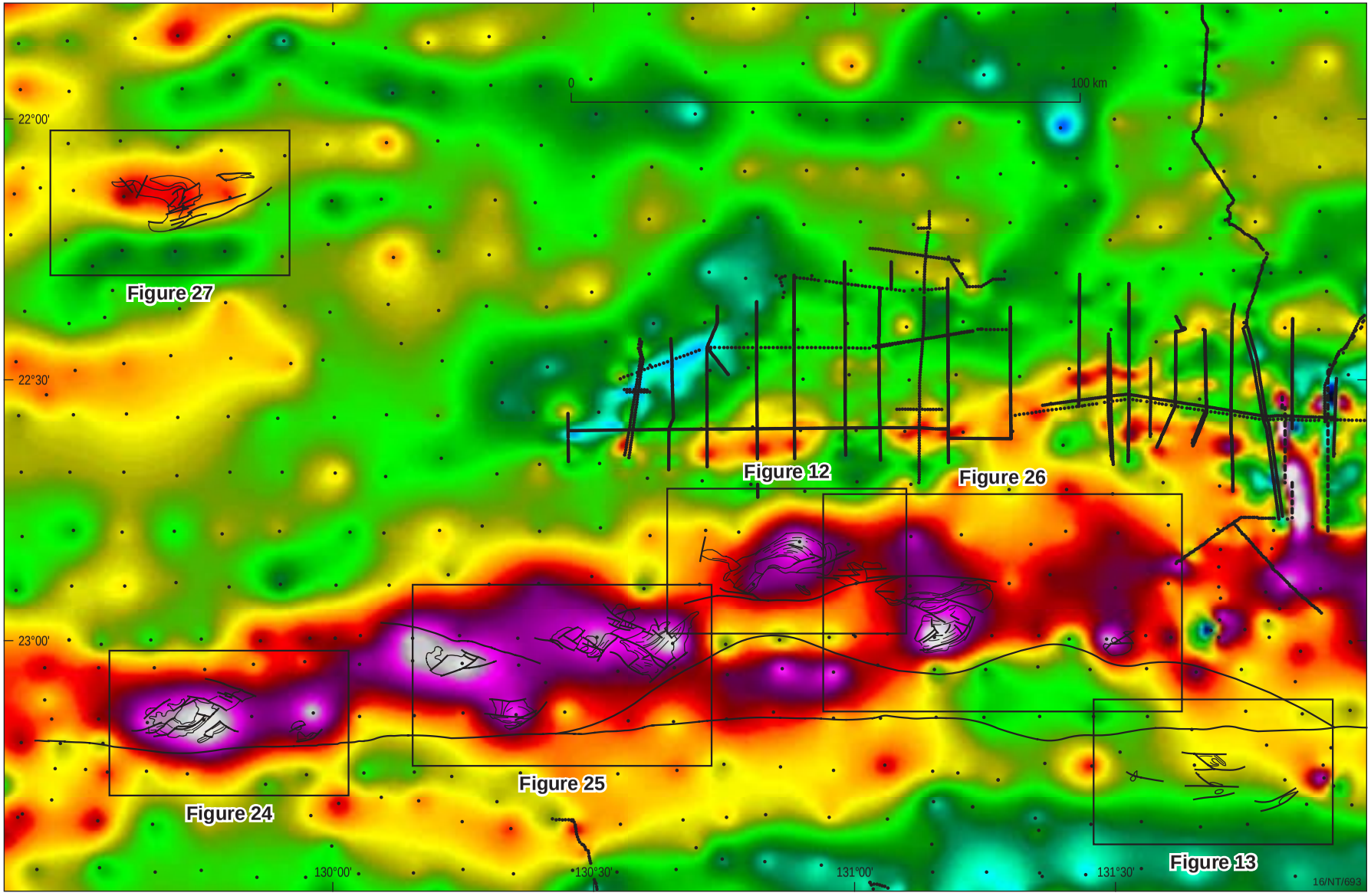

Figure 10. Colour image of the vertical gradient of the Bouguer gravity field, in the western Arunta region. Solid geology interpretations of the mafic-ultramafic intrusions are superimposed, as are the gravity station locations and the locations of subsequent figures.

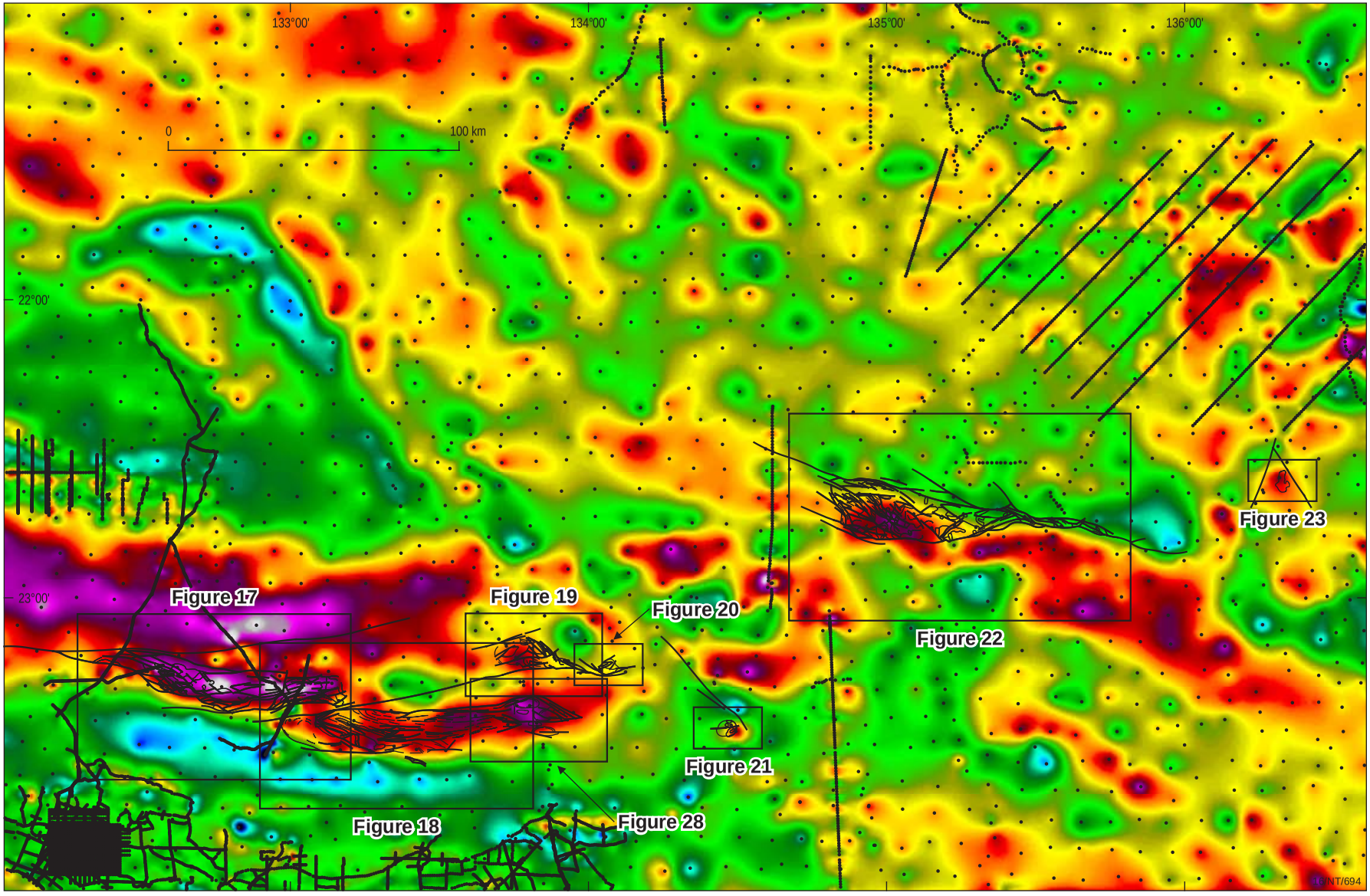

Figure 11. Colour image of the vertical gradient of the Bouguer gravity field, in the eastern Arunta region. Solid geology interpretations of the mafic-ultramafic intrusions are superimposed, as are the gravity station locations and the locations of subsequent figures.

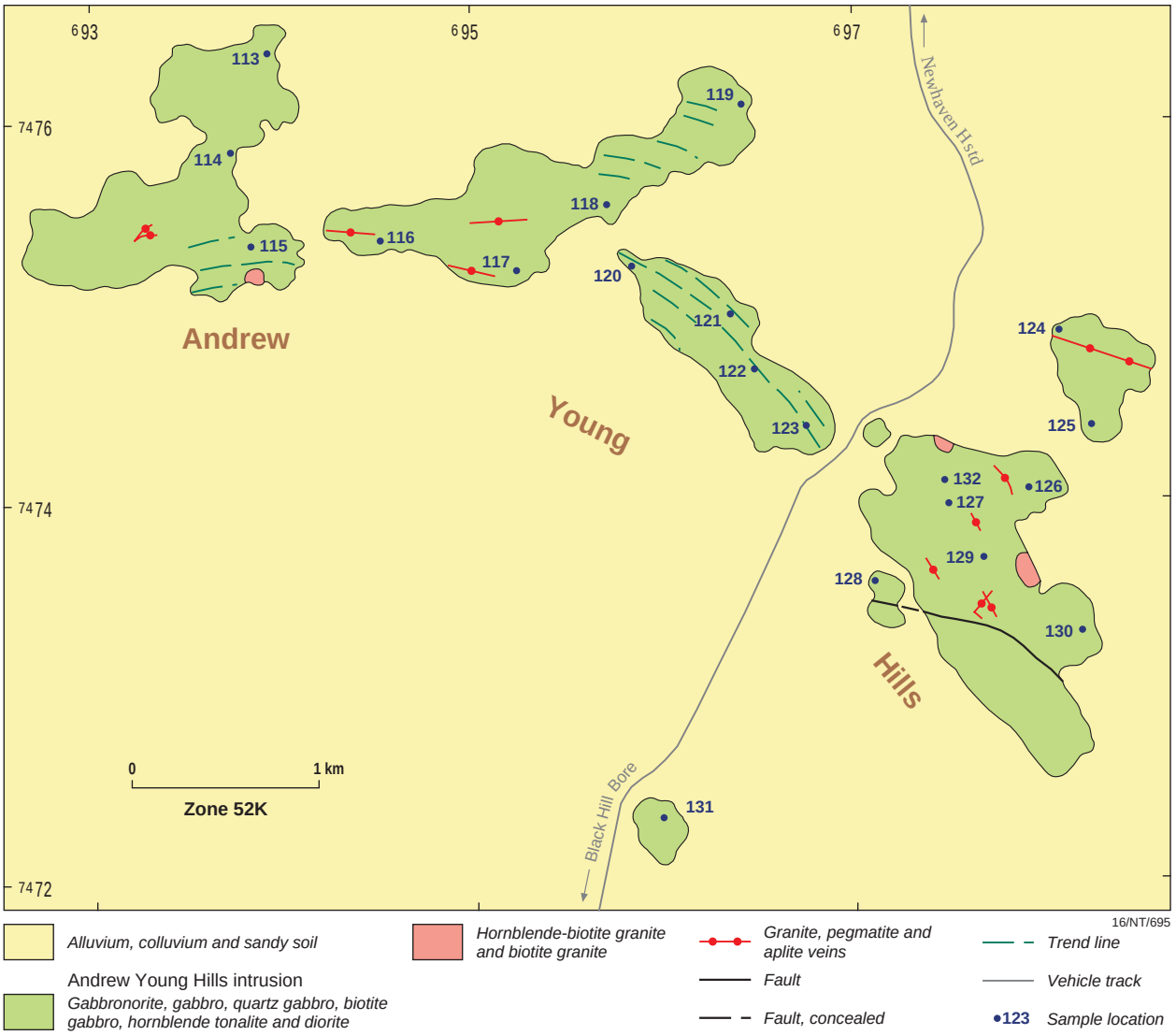

Figure 12a. Geological map of the Andrew Young Hills mafic intrusion (from Hoatson & Stewart, 2001).

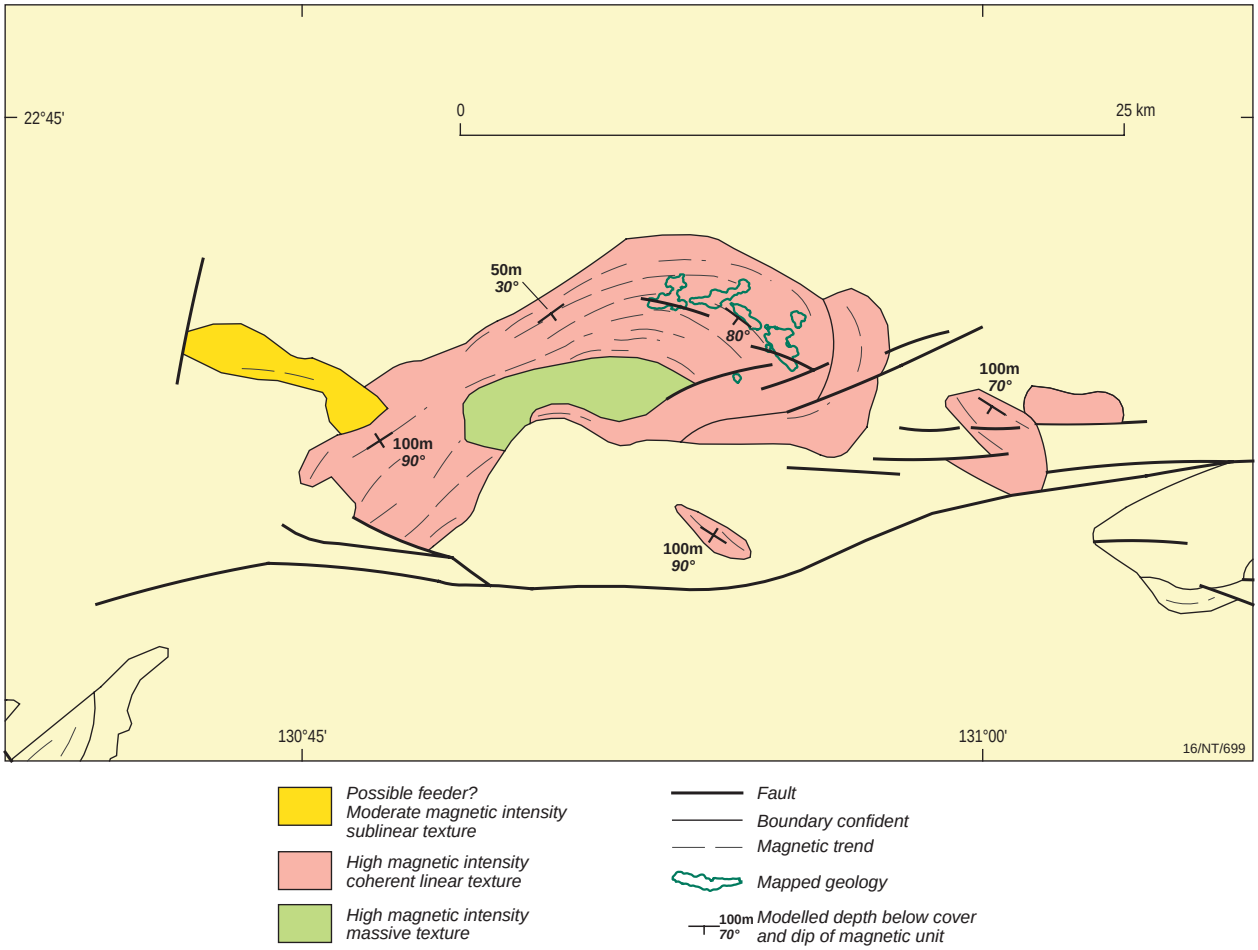

Figure 12b. Solid geology interpretation of the Andrew Young Hills mafic intrusion. The full subcropping extent of the intrusion is shown, including the results of magnetic modelling defining the depth of alluvial cover and dip and strike of macroscopic layering.

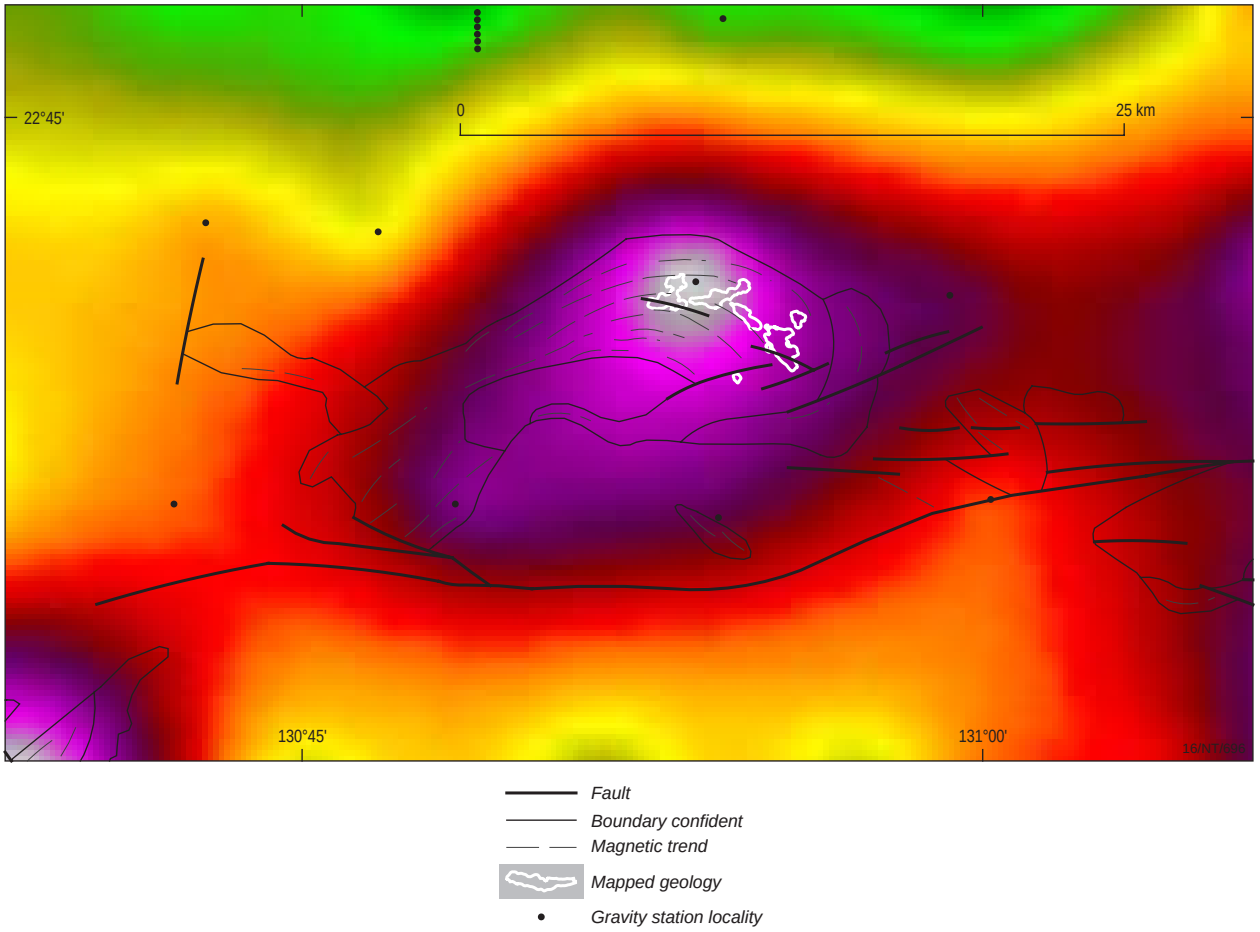

Figure 12c. Vertical gradient image of the Bouguer gravity field, of the Andrew Young Hills mafic intrusion. The locations of the gravity station are shown.

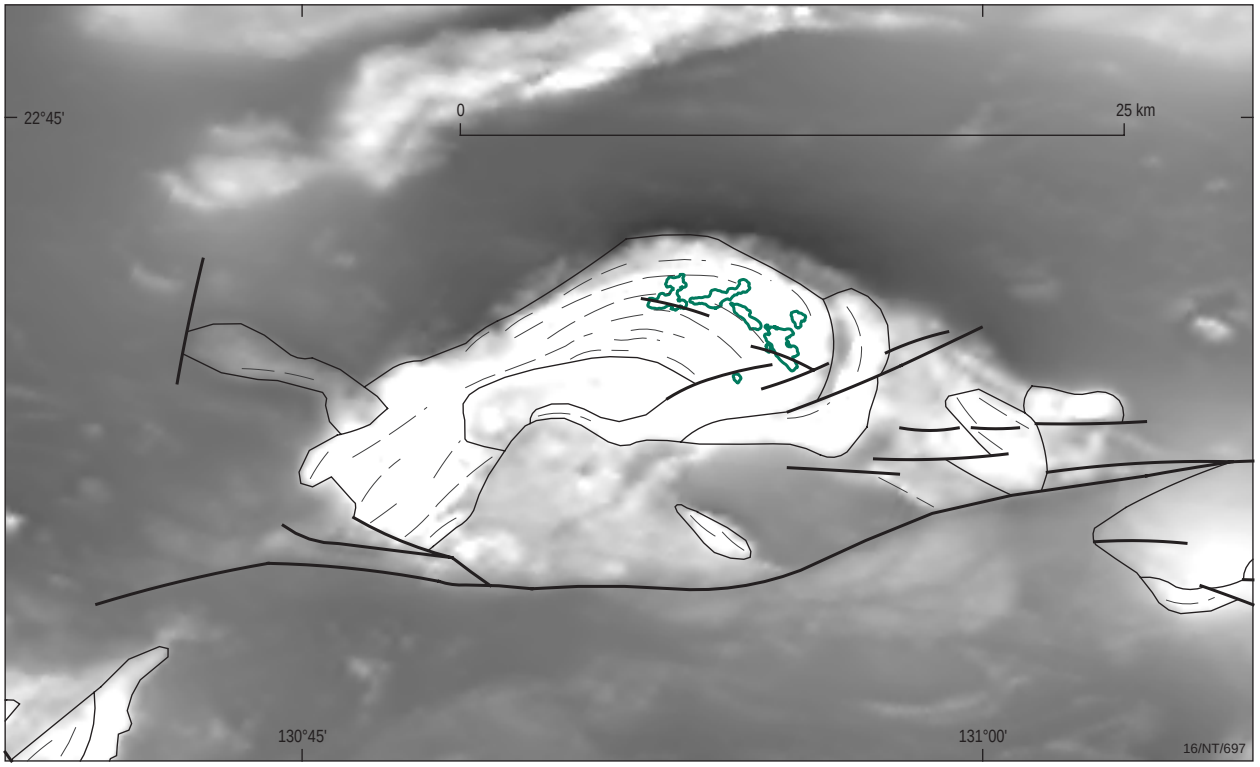

Figure 12d. Grey scale image of the total magnetic intensity - reduced to pole field, of the Andrew Young Hills mafic intrusion.

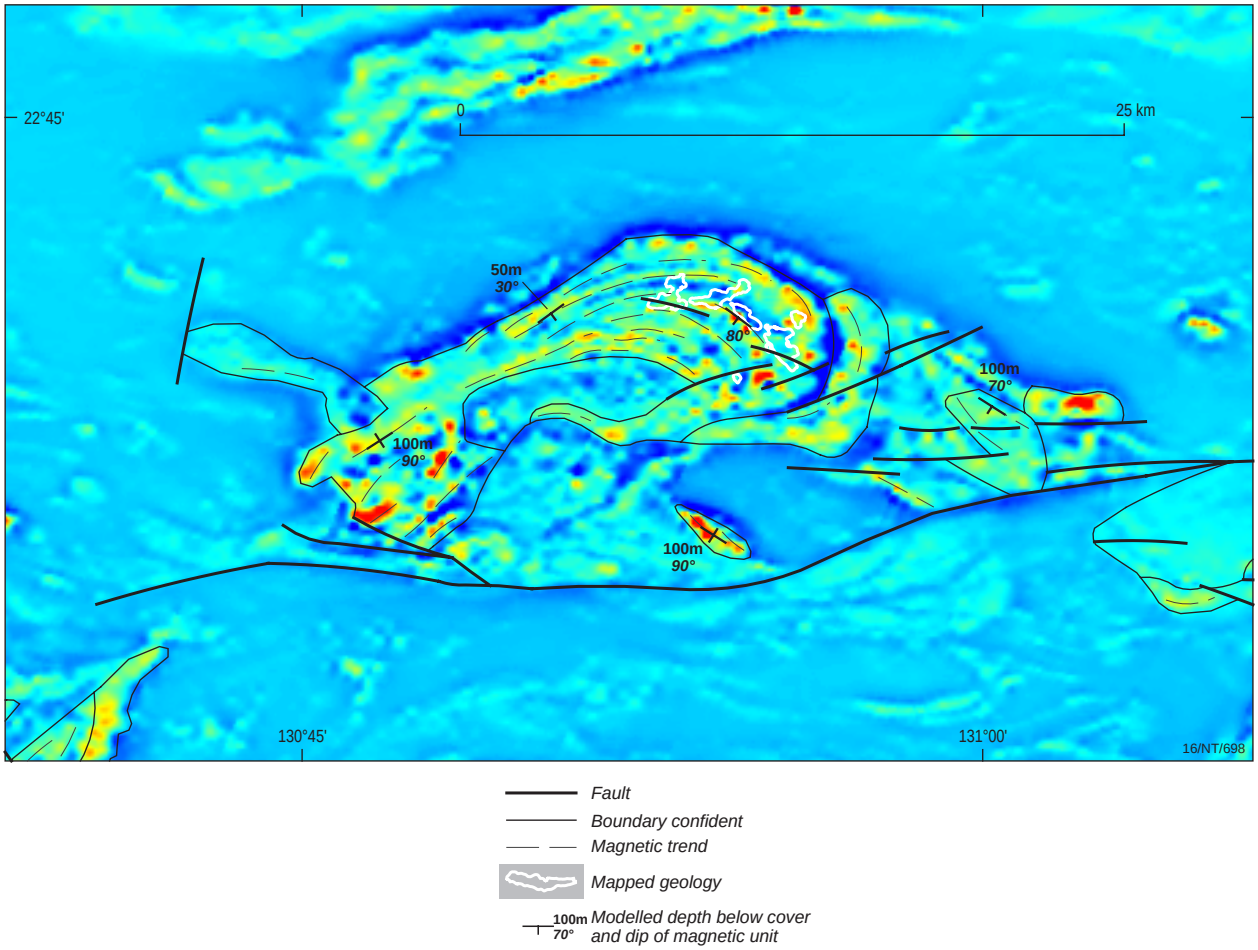

Figure 12e. Pseudo colour image of the vertical gradient of the total magnetic intensity, of the Andrew Young Hills mafic intrusion.

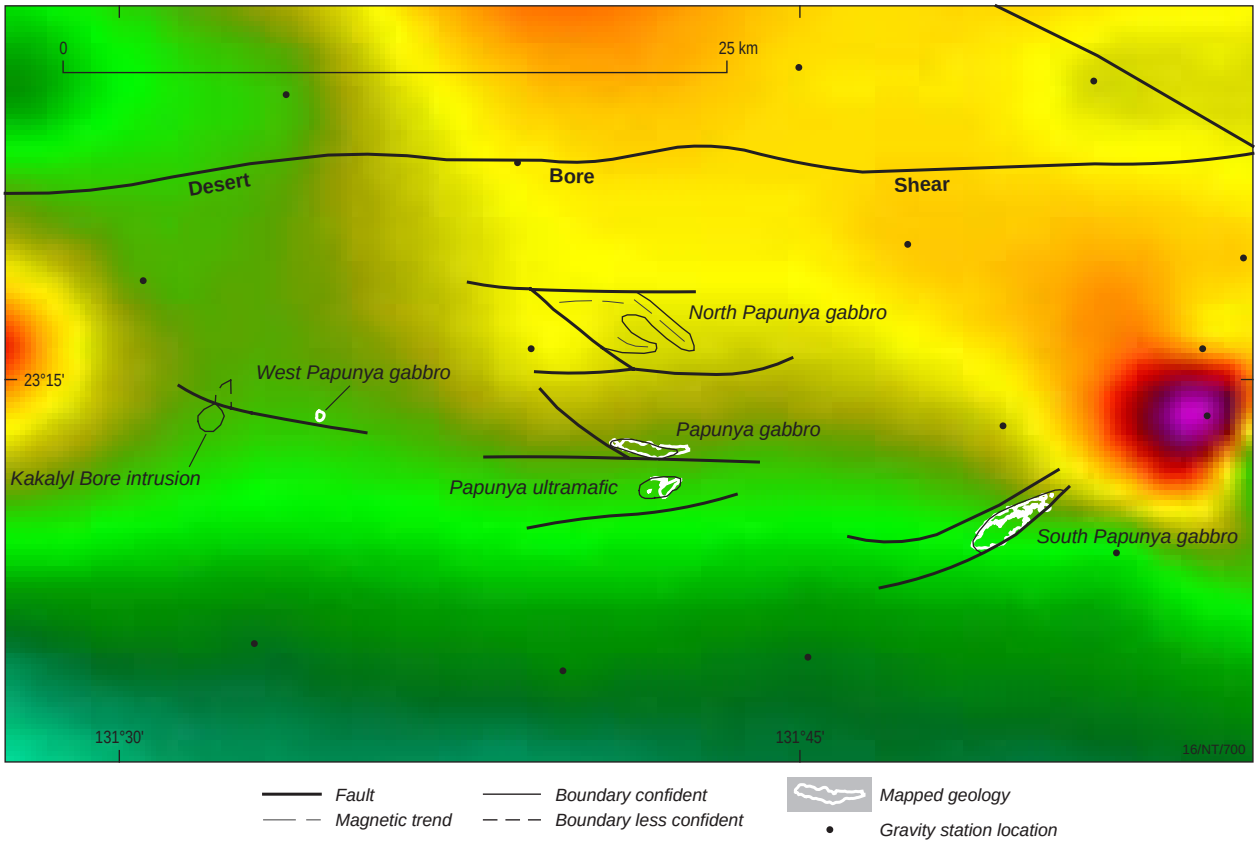

Figure 13a. Verical gradient image of the Bouguer gravity field, including gravity station locations of the eastern portion of the Mt Liebig 1:250 000 sheet. The locations of the outcropping and interpreted mafic-ultramafic intrusions are shown. The low density of gravity stations do not resolve bodies of this size.