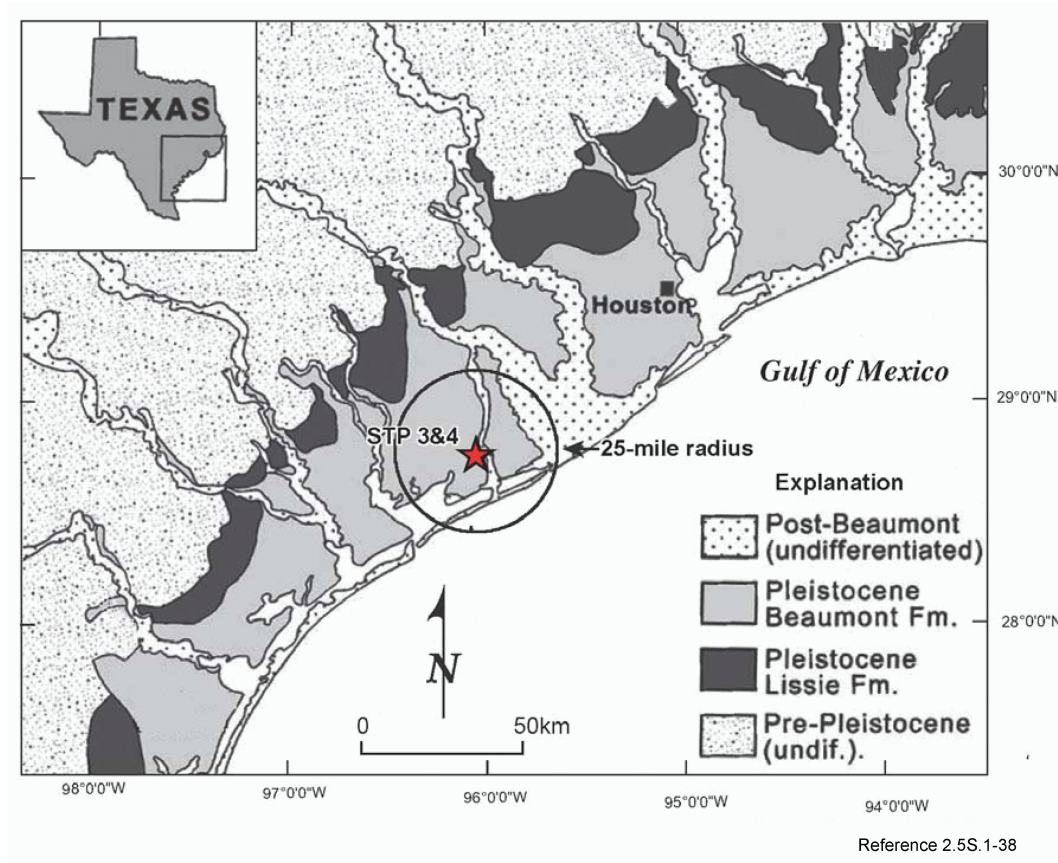




**Figure 2.5S.1-19 Quaternary Deposits of the Gulf Coastal Plain**

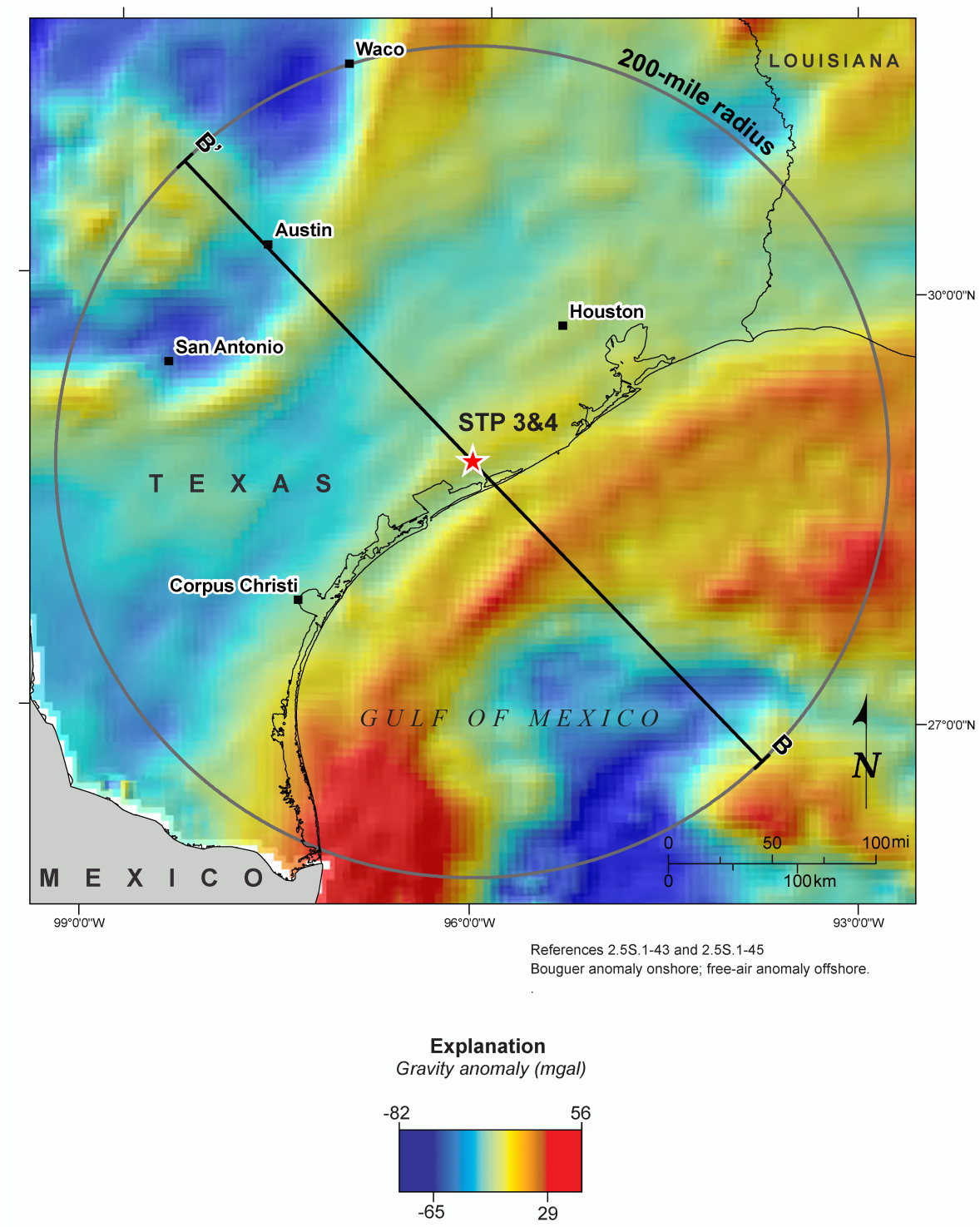
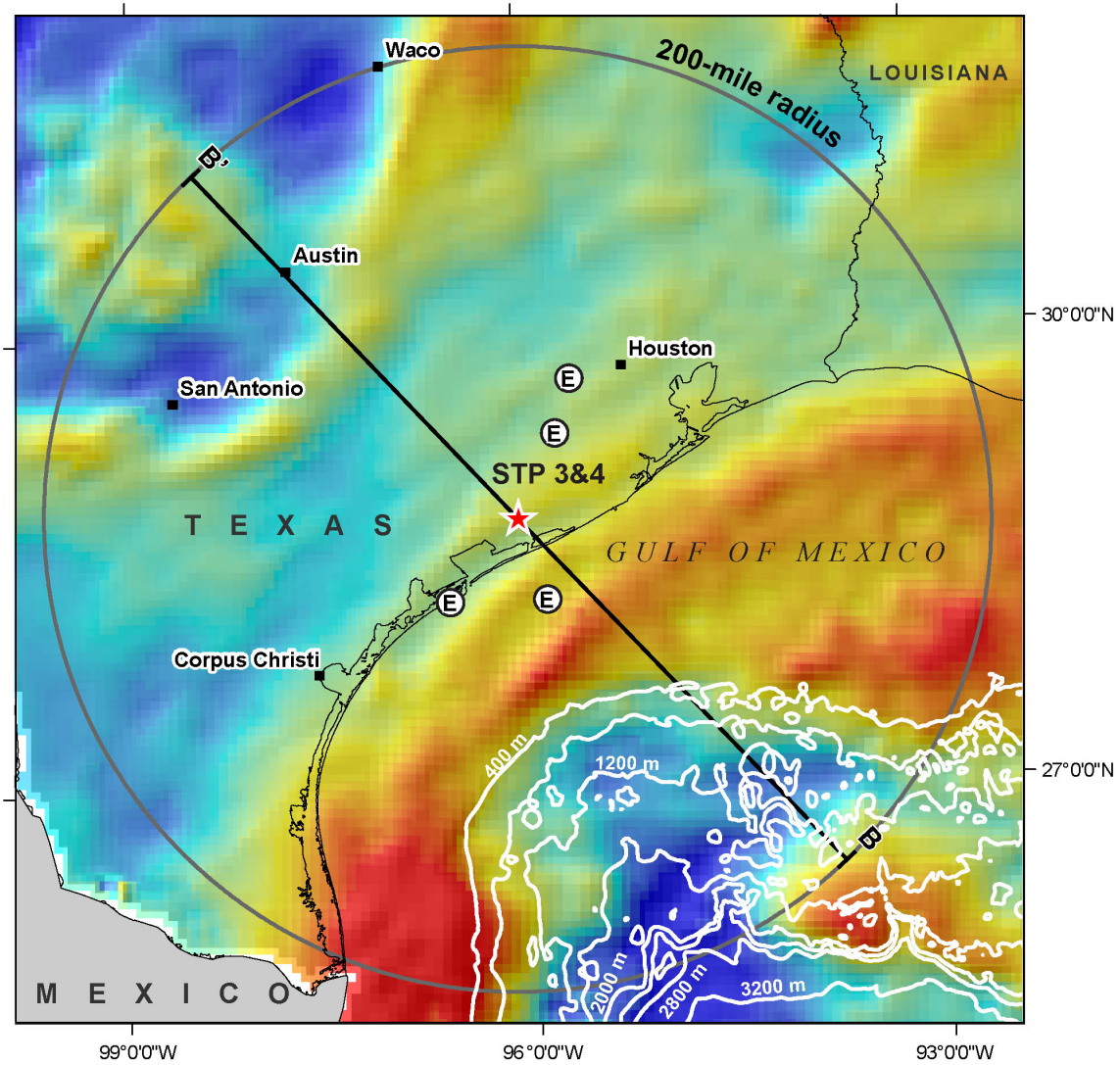


Figure 2.5S.1-20 Regional Gravity Anomaly Map



References 2.5S.1-43, 2.5S.1-45, and 2.5S.1-89

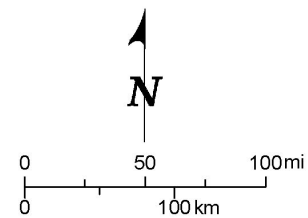
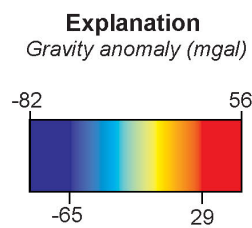


Figure 2.5S.1-21 Gravity Anomaly and Bathymetry

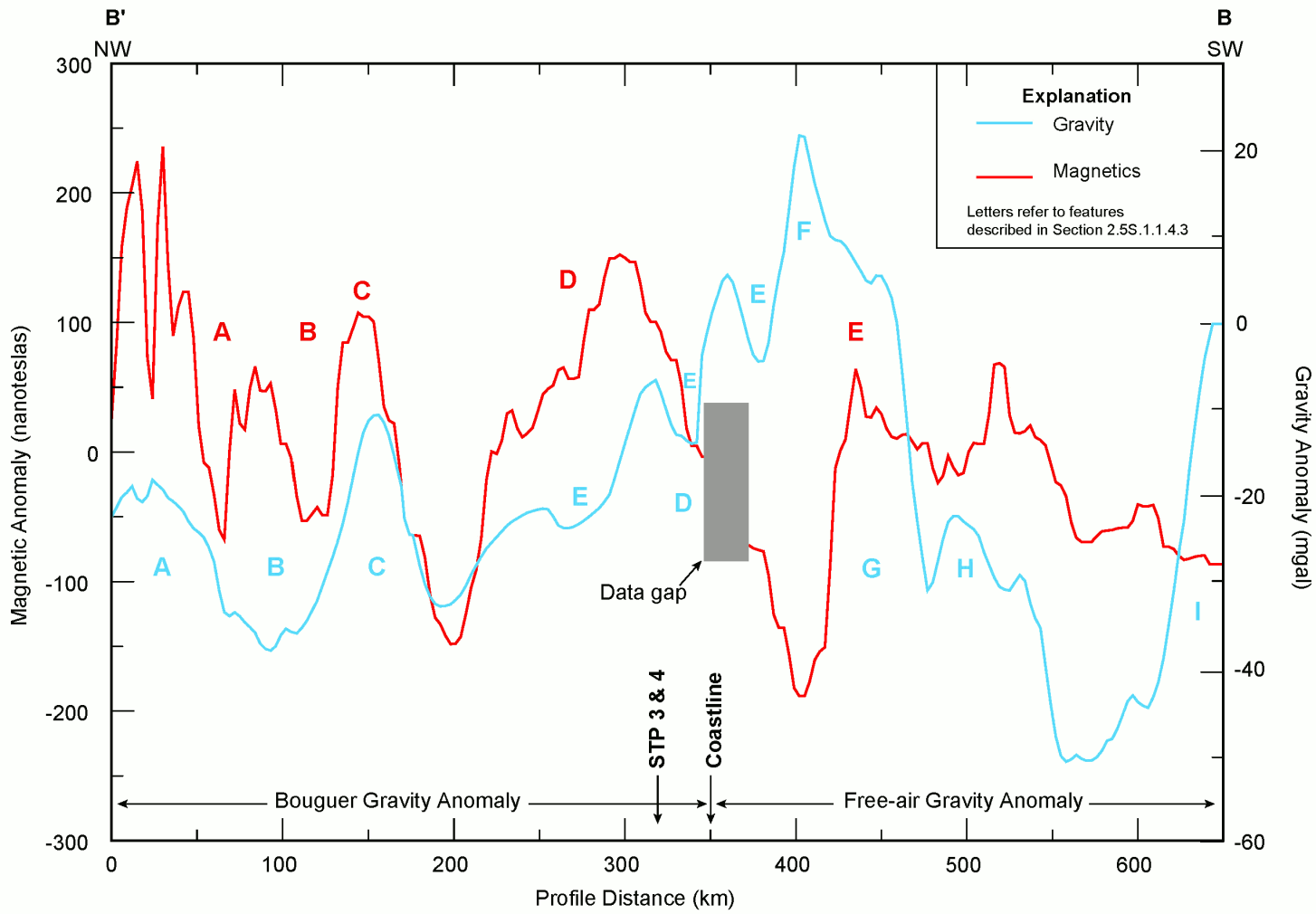


Figure 2.5S.1-22 Gravity and Magnetic Profiles, B-B'



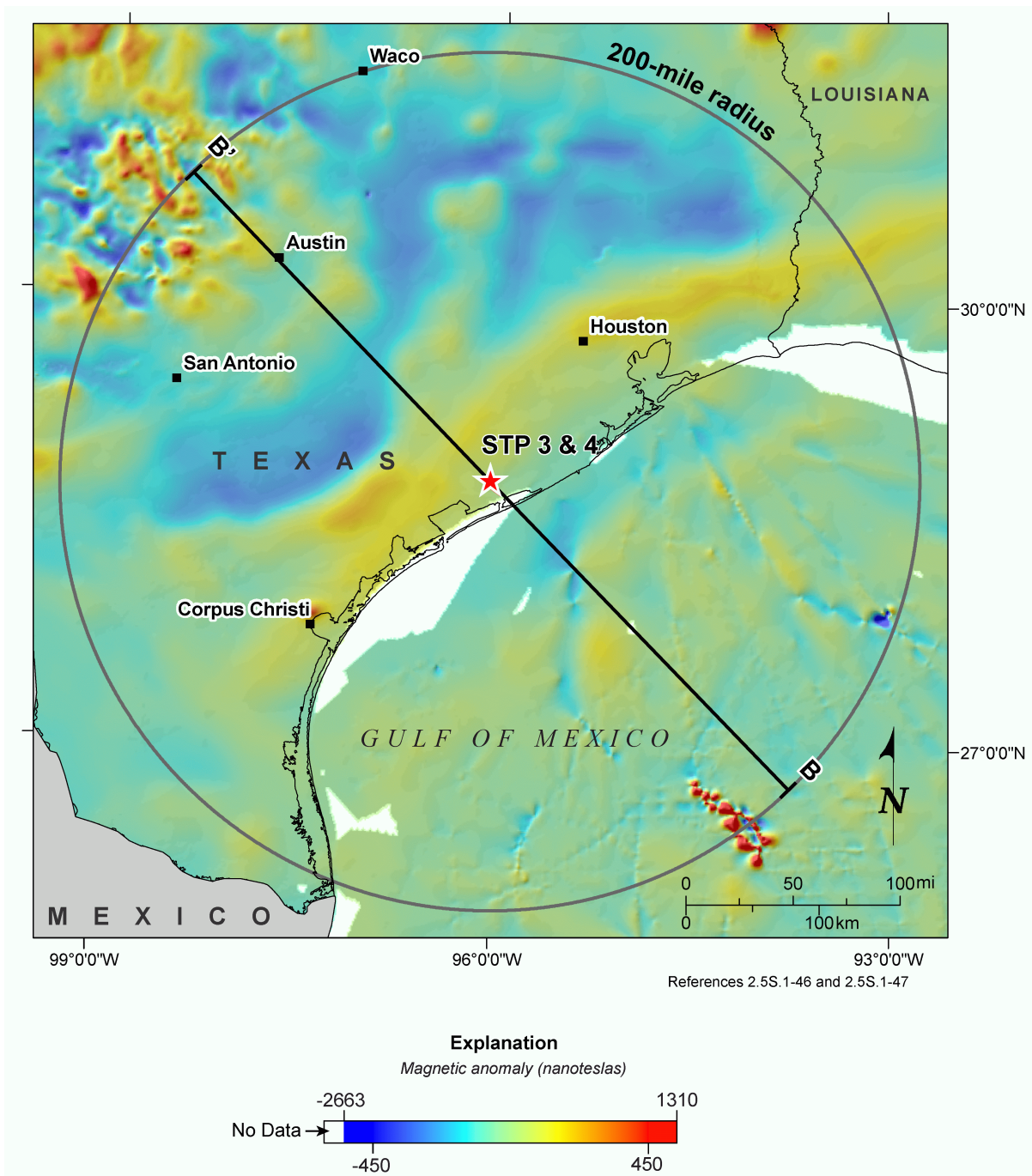
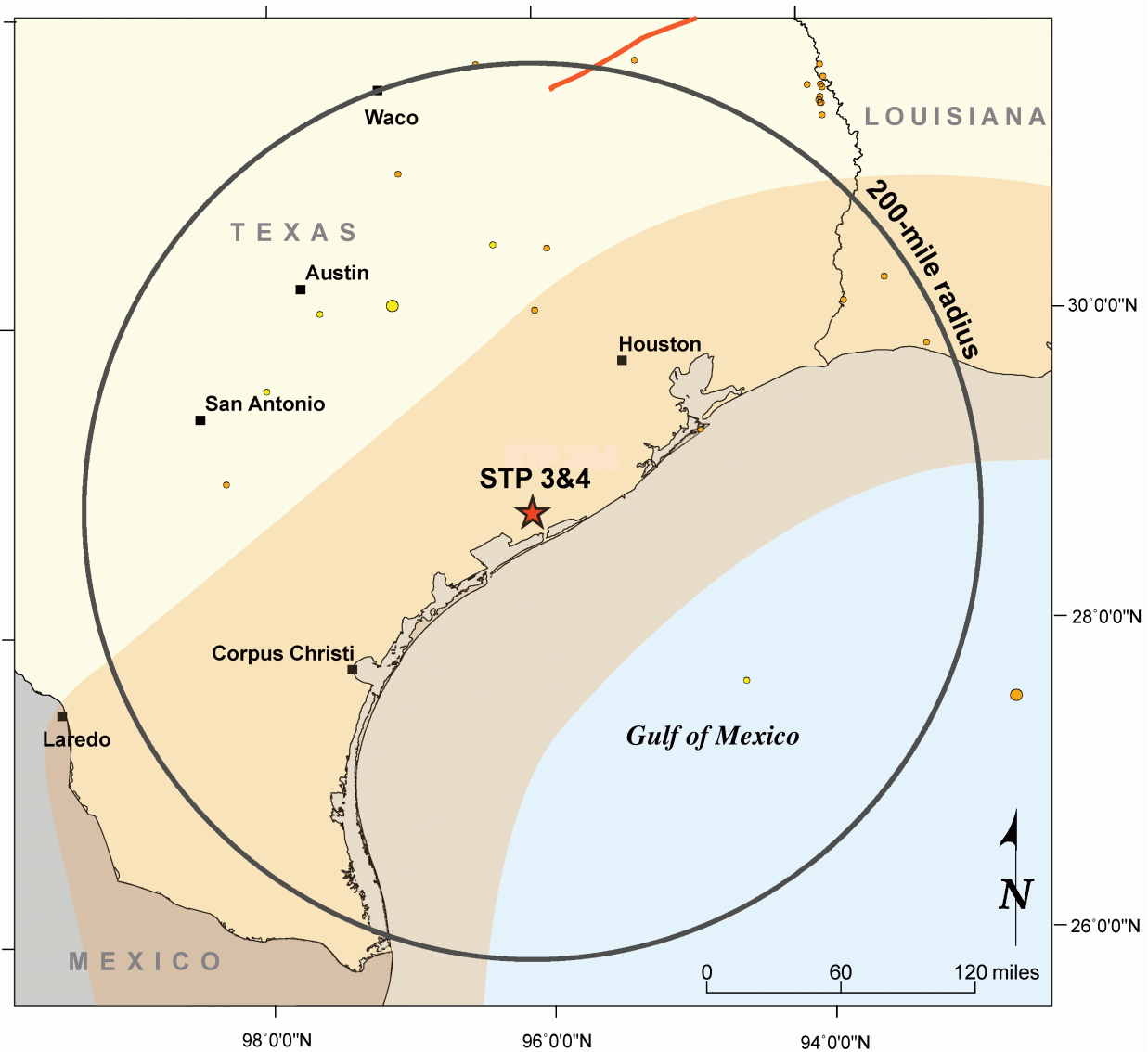


Figure 2.5S.1-23 Regional Magnetic Anomaly Map



### Explanation

- Mt. Enterprise - Elkhart graben from Reference 2.5S.1-121
- Generalized zone of growth faults (Class B features, Reference 2.5S.1-49) in the Coastal Plain of south Texas

| Earthquake Epicenters<br>(by estimated body wave magnitude Emb) |                                                   |
|-----------------------------------------------------------------|---------------------------------------------------|
| EPRI 1986 Seismicity Catalog<br>(1627-1985)                     | Updated Seismicity Catalog<br>(1847-2006)         |
| <span style="color: orange;">●</span> 3.00 - 3.99               | <span style="color: orange;">●</span> 3.00 - 3.99 |
| <span style="color: yellow;">●</span> 4.00 - 4.99               | <span style="color: yellow;">●</span> 4.00 - 4.99 |

**Figure 2.5S.1-24 Potential Quaternary Features in Site Region (200-mile radius)**

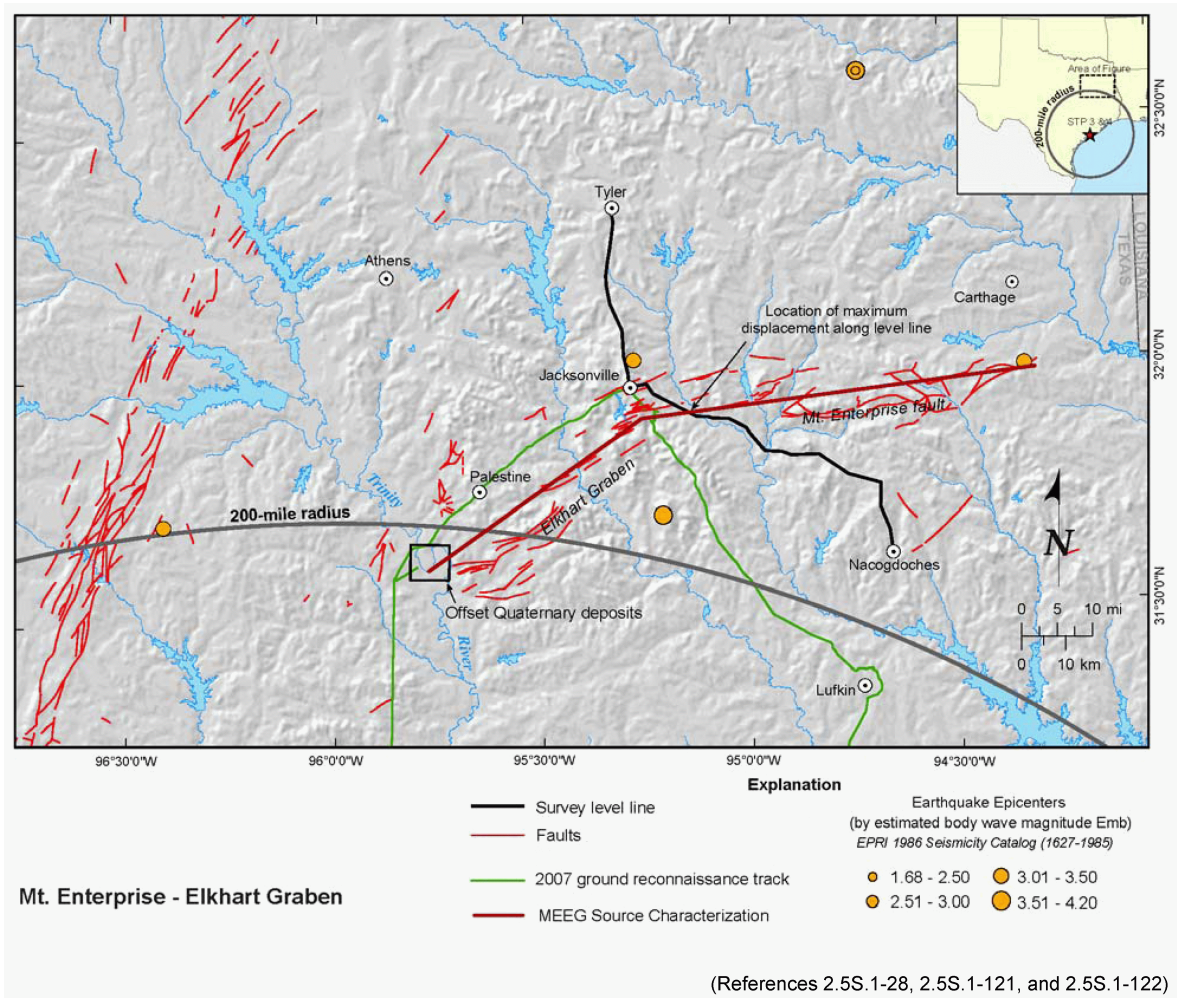


Figure 2.5S.1-25 Mt. Enterprise - Elkhart Graben



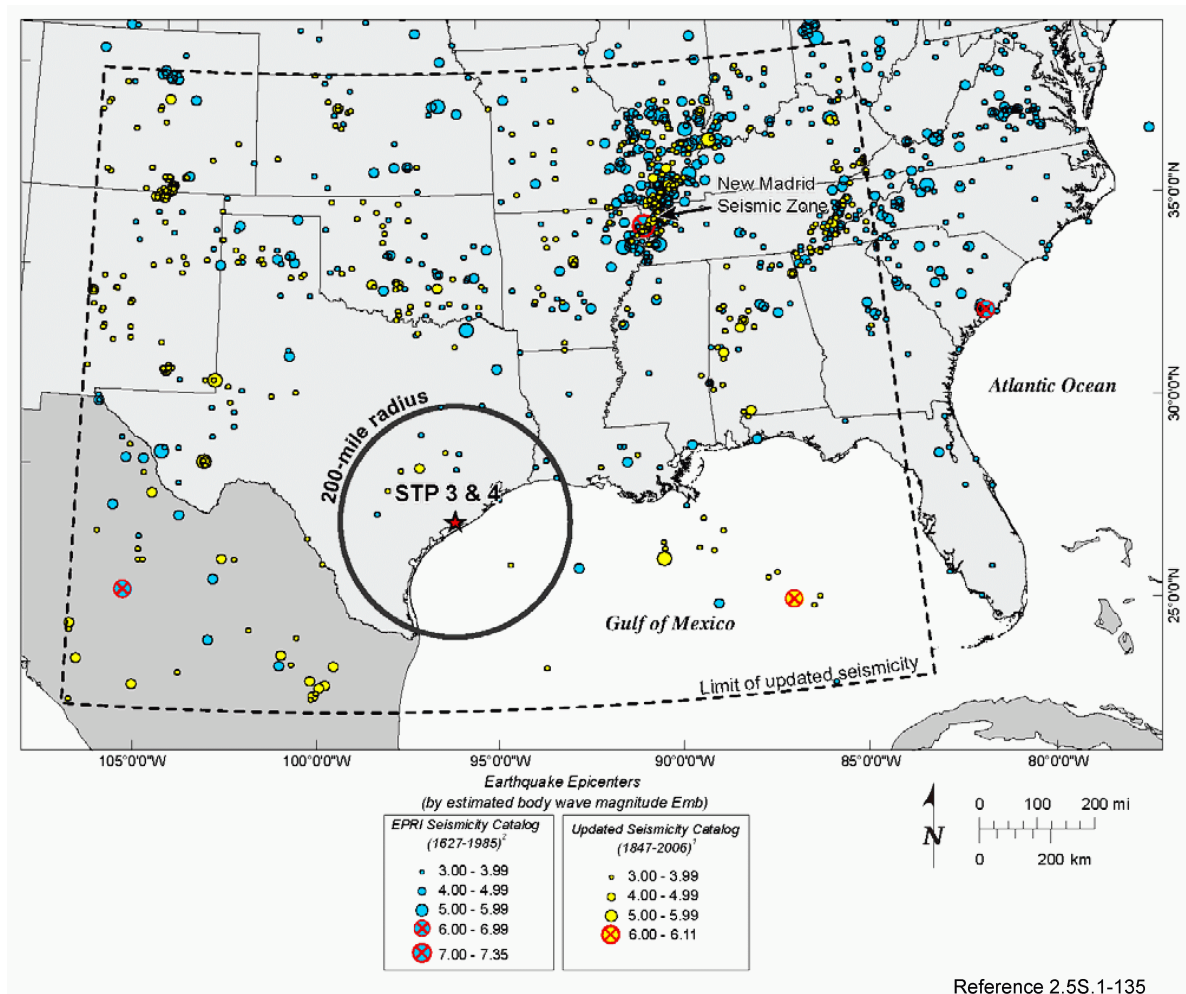


Figure 2.5S.1-26 New Madrid Seismic Zone



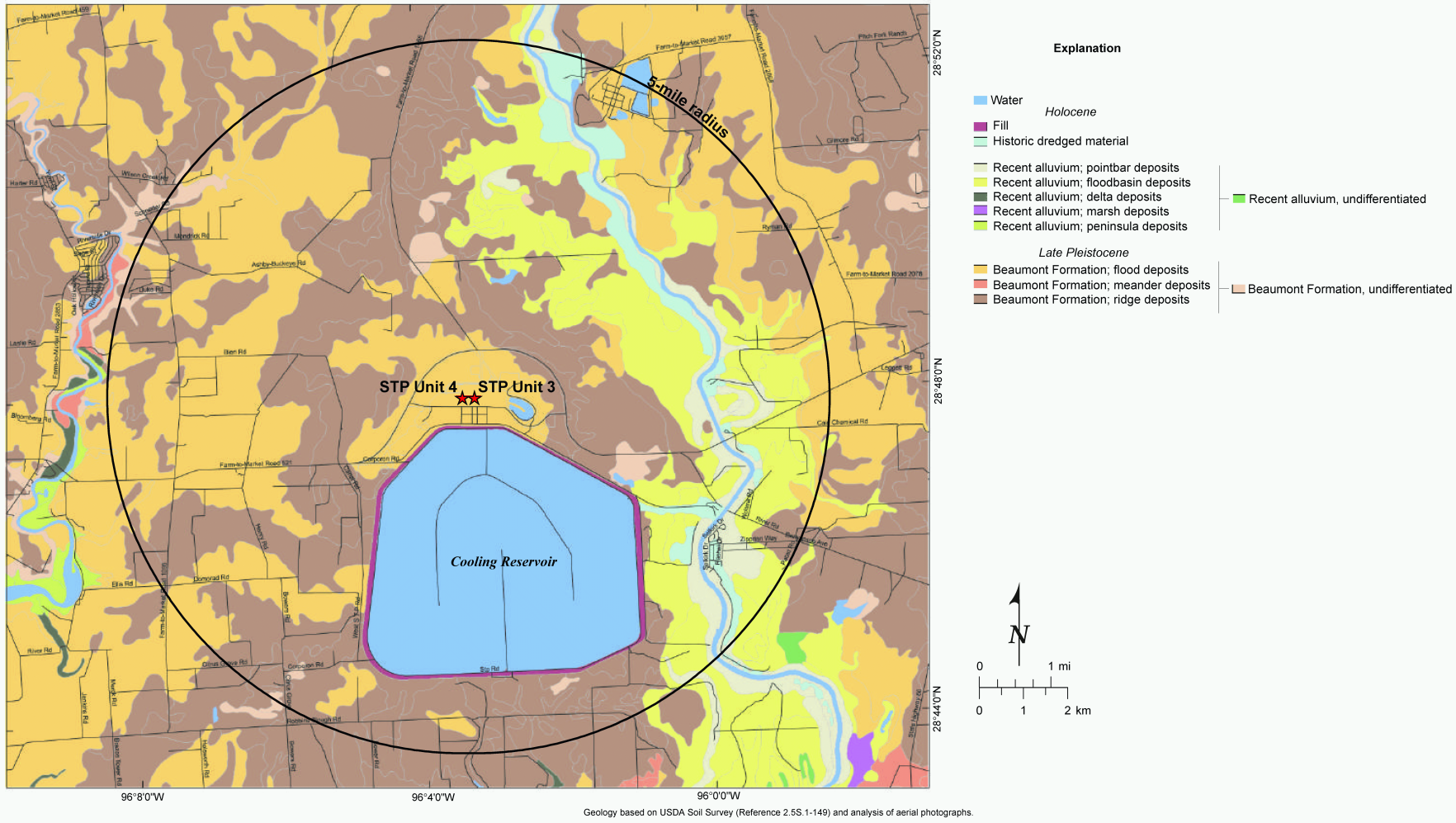


Figure 2.5S.1-27 Site Area Geological Map (5-mile radius)