

Supplementary Materials for:

3D anatomy of the Cretaceous-Paleogene age Nadir Crater

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Table S1: Processing workflow for PGS MC3D data.

1. P-UP generation
2. Full source deghosting
3. 3D surface related multiple elimination (SRME)
4. Convolutional 3D SRME
5. Wave equation 3D SRME
6. 2D surface related multiple elimination (SRME)
7. High resolution radon demultiple
8. HyperTomo velocity model building
9. Kirchhoff prestack time migration (PSTM)
10. Kirchhoff prestack depth migration (PSDM)
11. Anisotropic Kirchhoff prestack time migration (PSTM)
12. Poststack time migration
13. Post-migration image optimization

Movie S1: Three-dimensional architecture of Nadir Crater shown by sequentially removing seismic horizons. Video annotated using Clipchamp video editor.

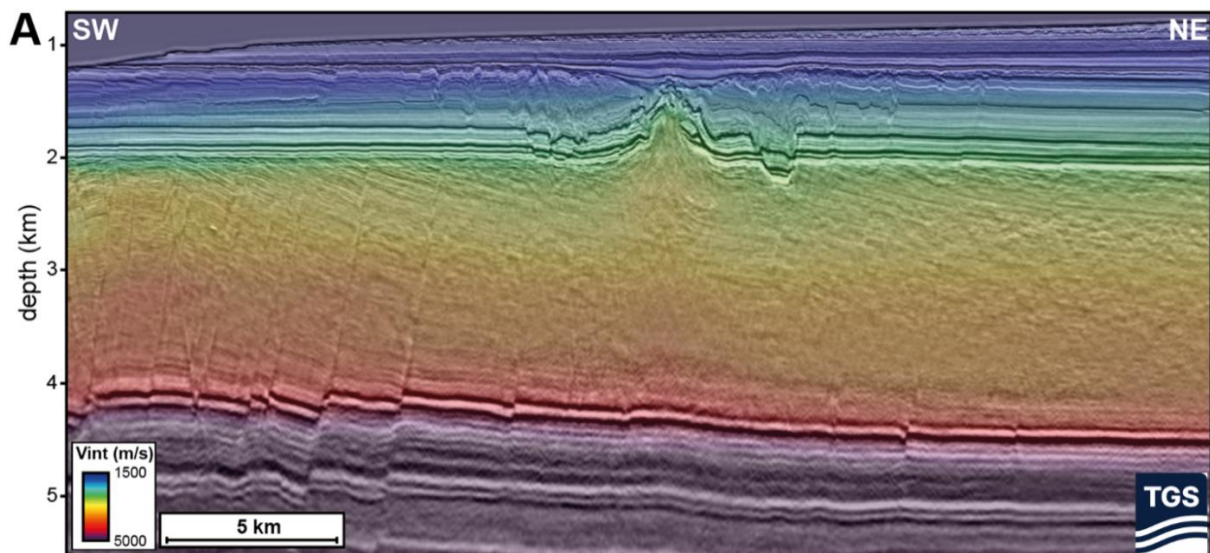


Figure S1: Uninterpreted image of seismic profile in Figure 2.

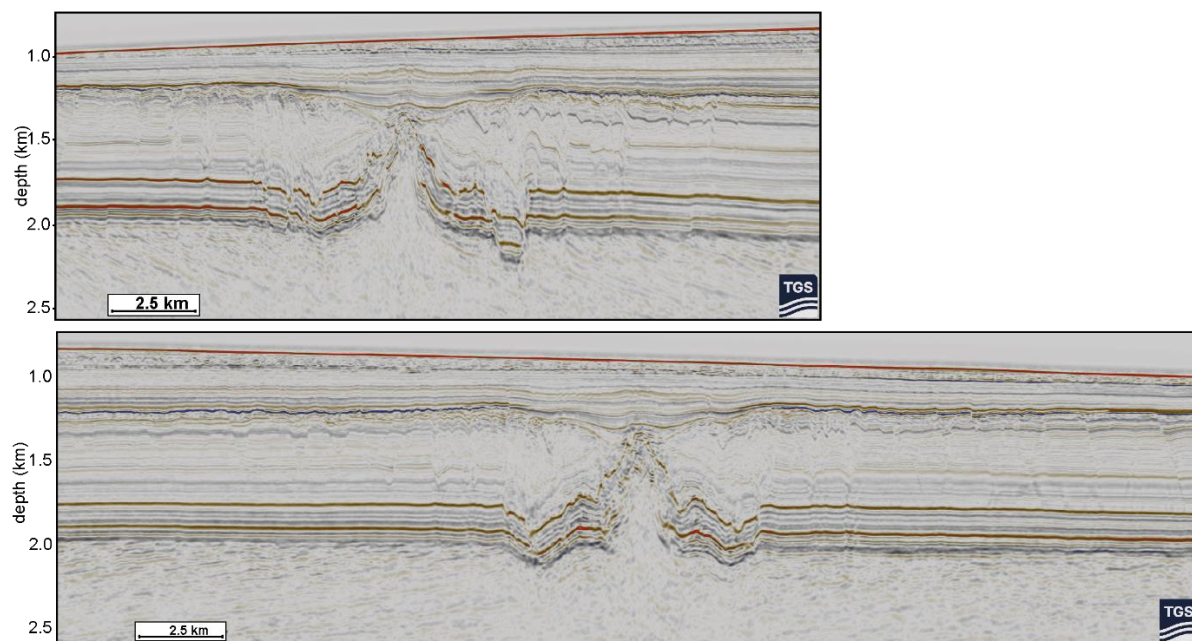


Figure S2: Uninterpreted image of seismic profiles in Figure 3.

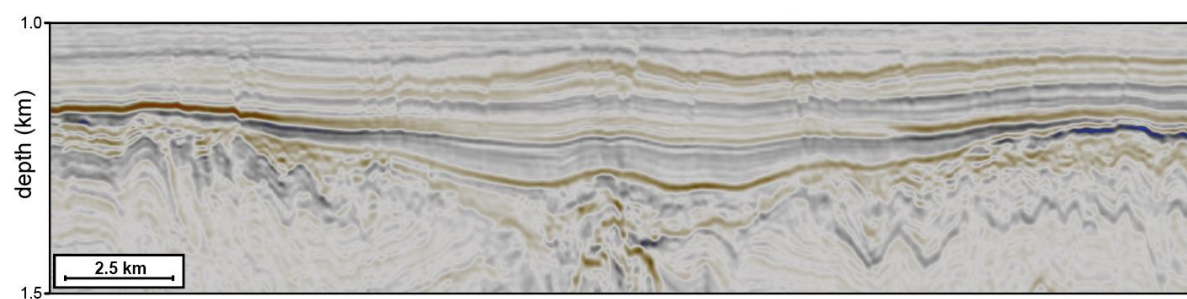


Figure S3: Uninterpreted image of seismic profiles in Figure 4.

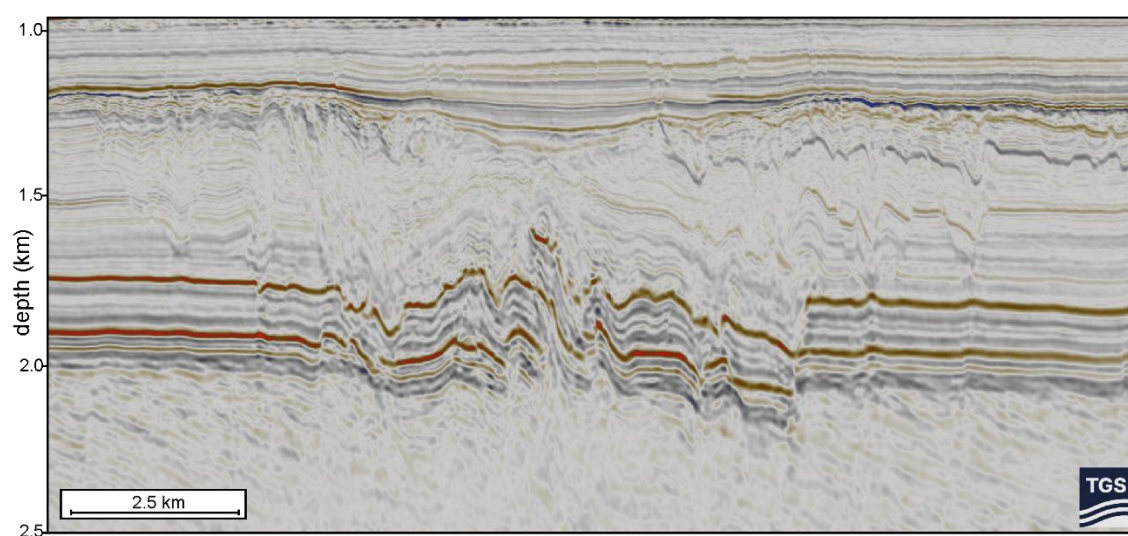


Figure S4: Uninterpreted image of seismic profile in Figure 5.

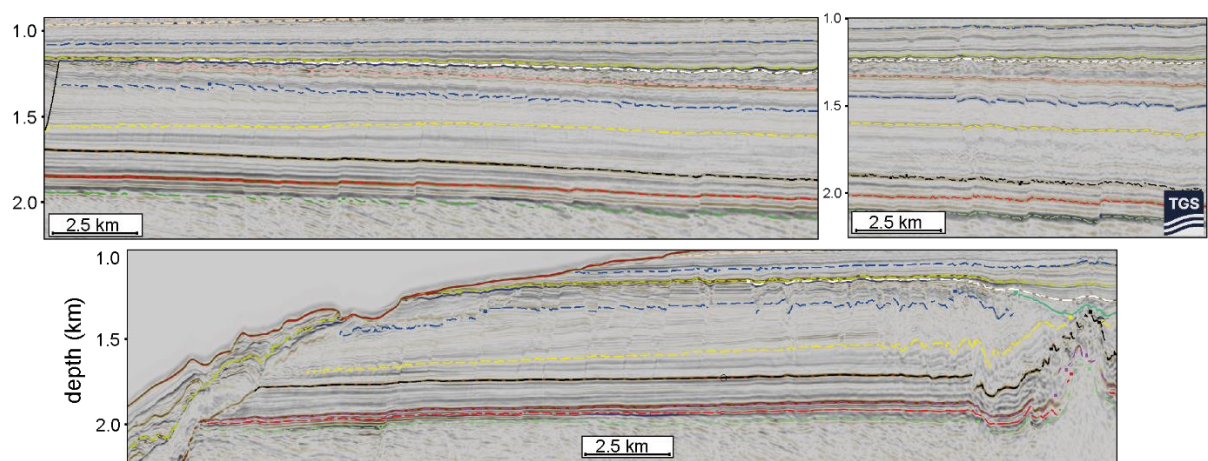


Figure S5: Unannotated image of seismic profiles in Figure 6.