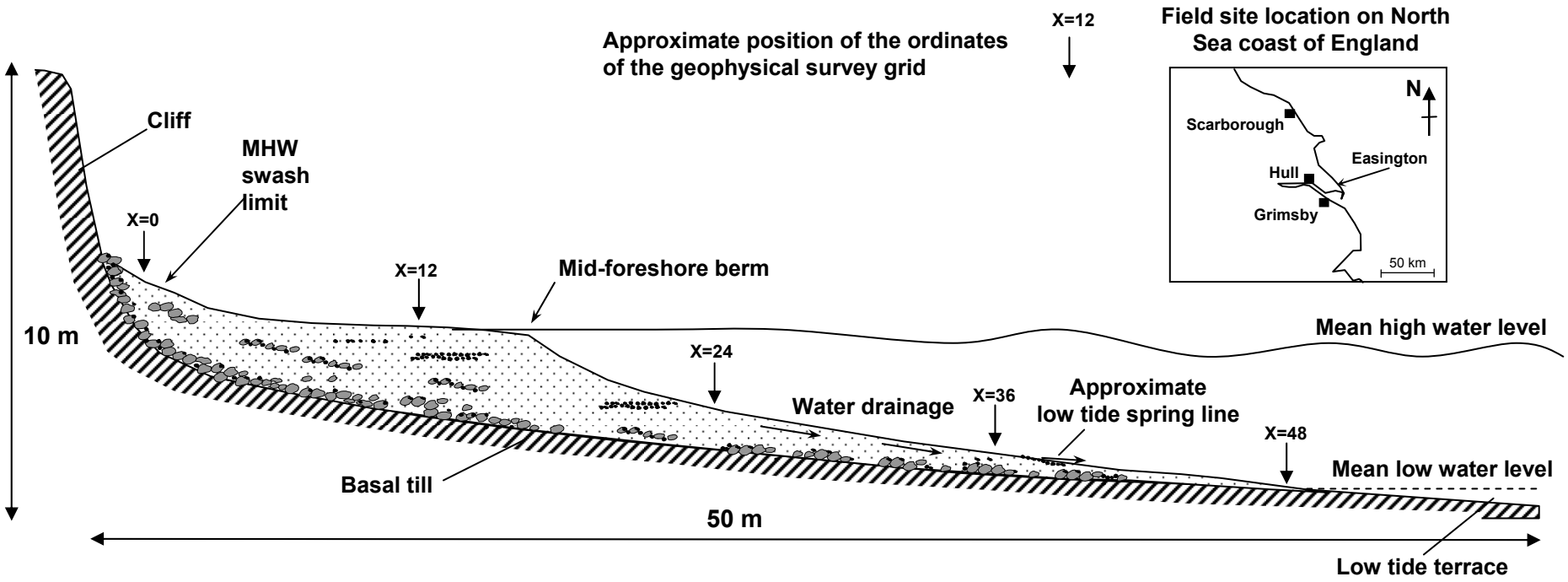
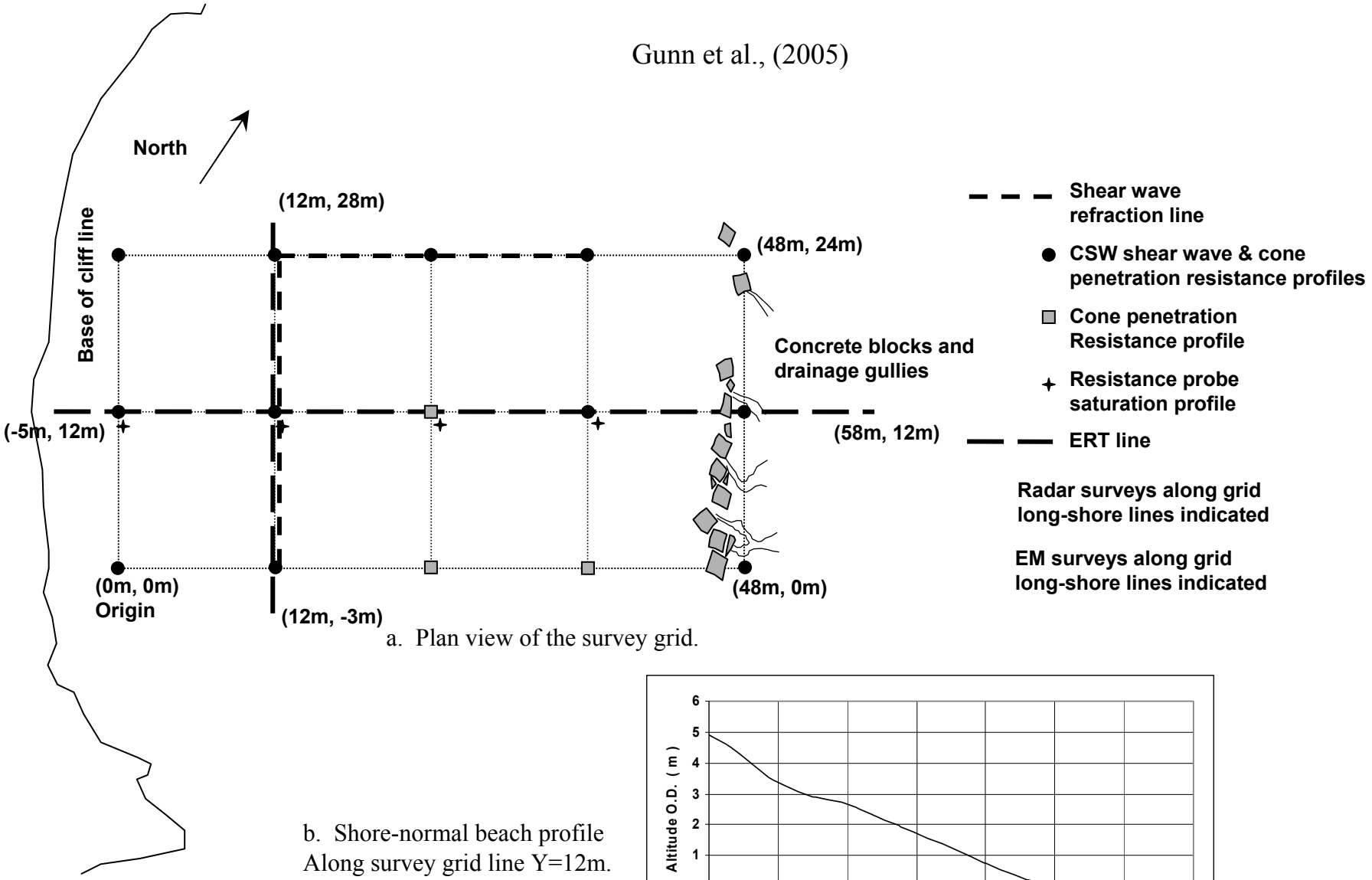


Figure 1. Schematic overview of the beach profile at Easington.

Gunn et al., (2005)

Gunn et al., (2005)



a. Plan view of the survey grid.

b. Shore-normal beach profile
Along survey grid line Y=12m.

Figure 2. Layout and local topography survey site at Easington

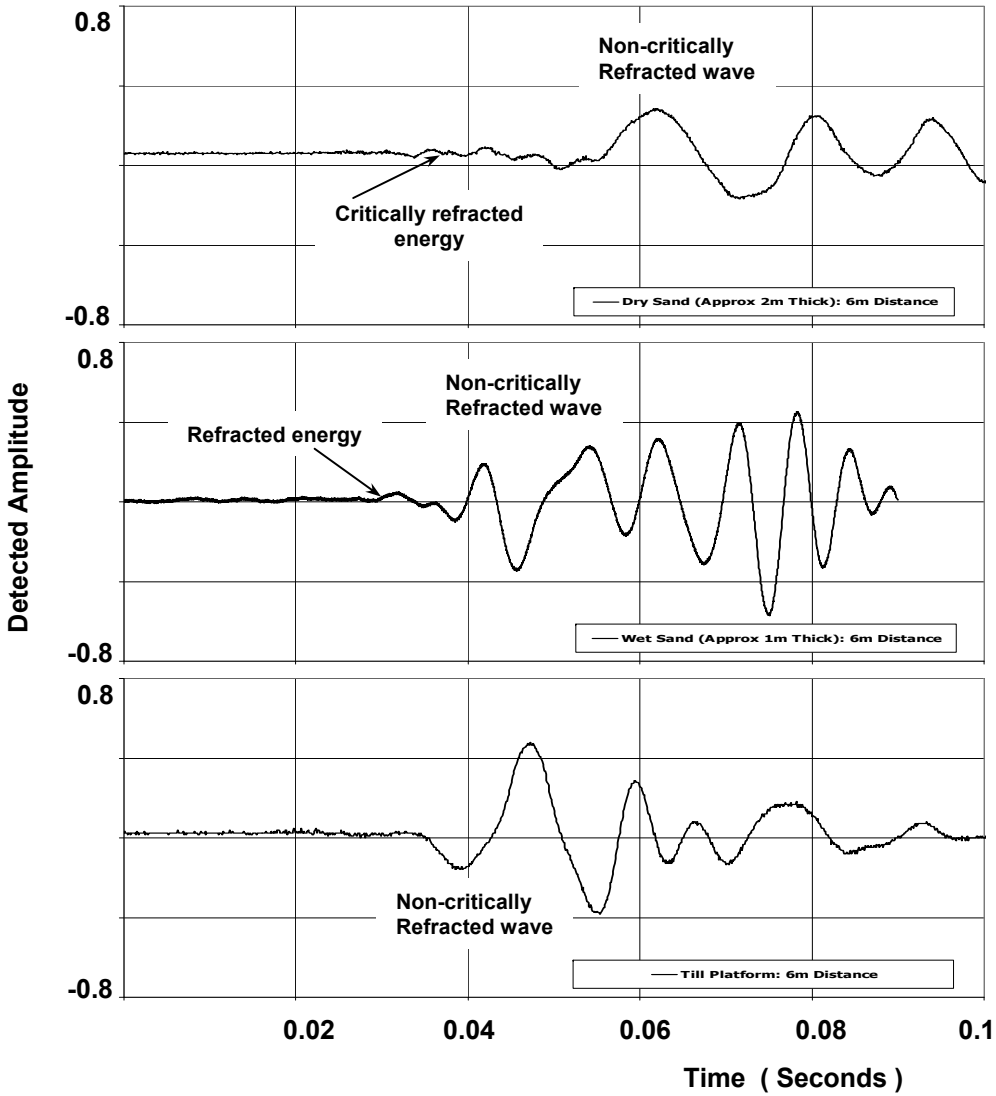


Figure 3. Examples of shear waves gathered on beach and till platforms at Easington.

Gunn et al., (2005)

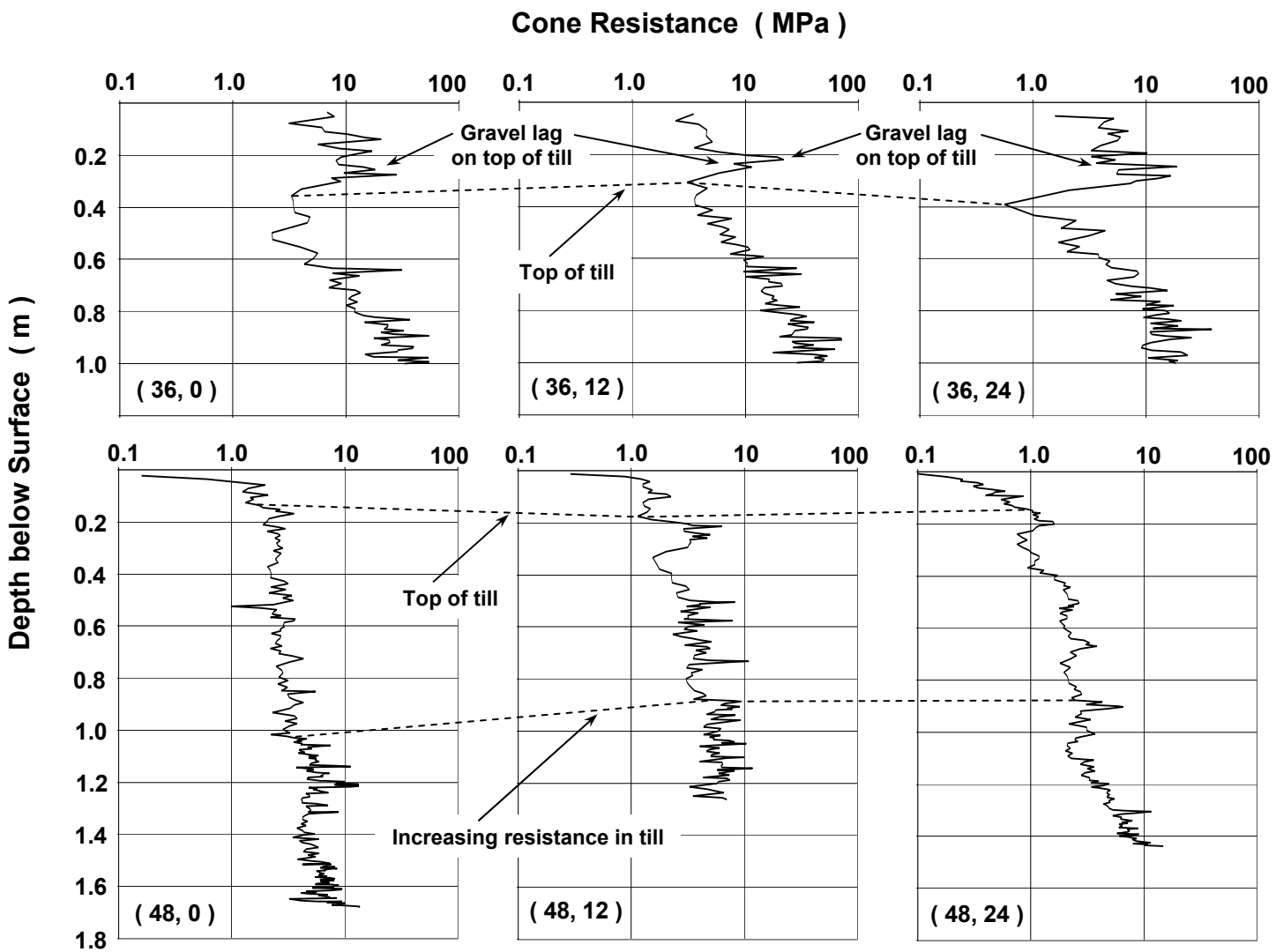
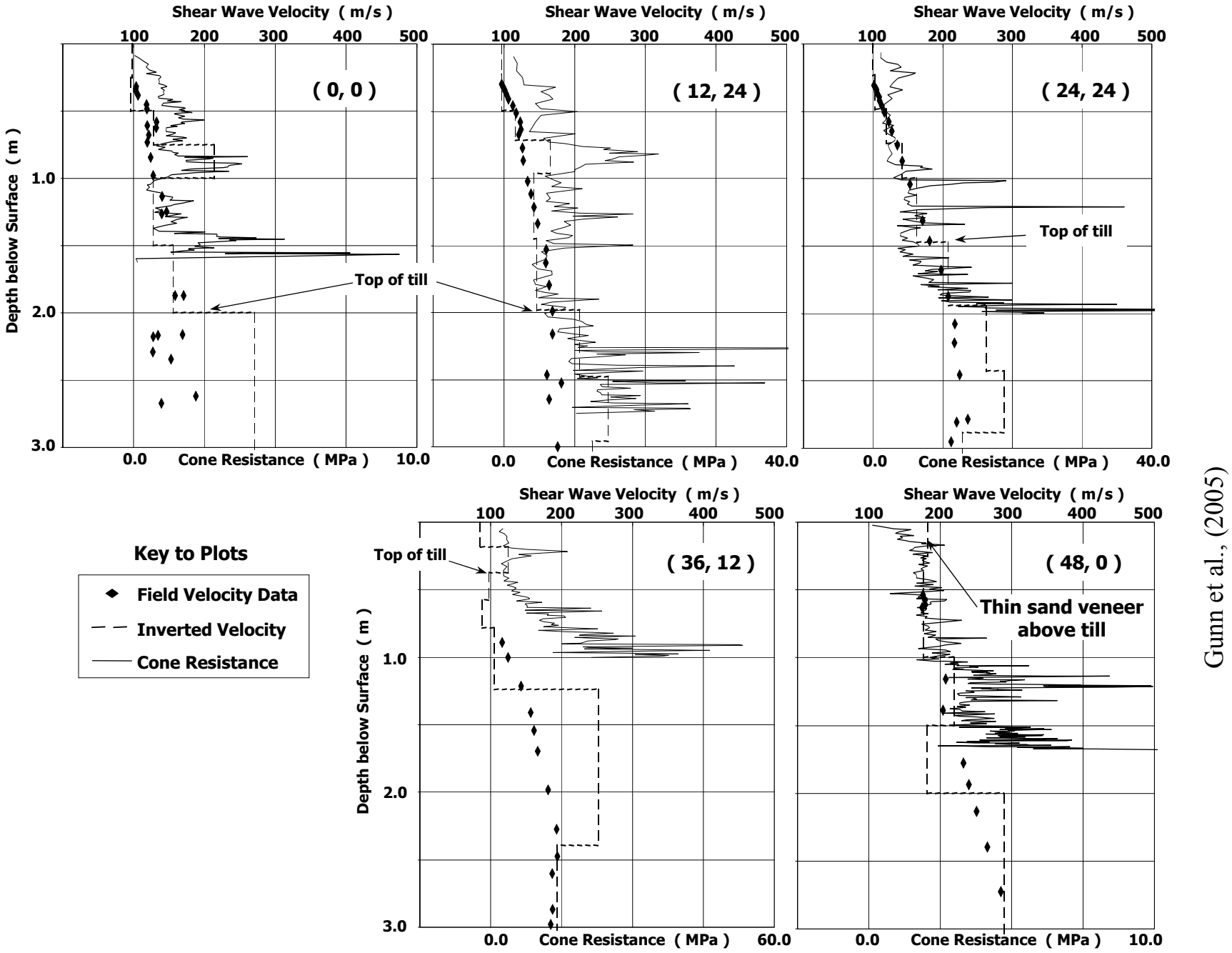


Figure 4. Examples of penetrometer profile on beach and till platforms at Easington.

Gunn et al., (2005)



Gunn et al., (2005)

Figure 5. Field and inverted shear wave velocities with cone resistance profiles used as inversion aids.

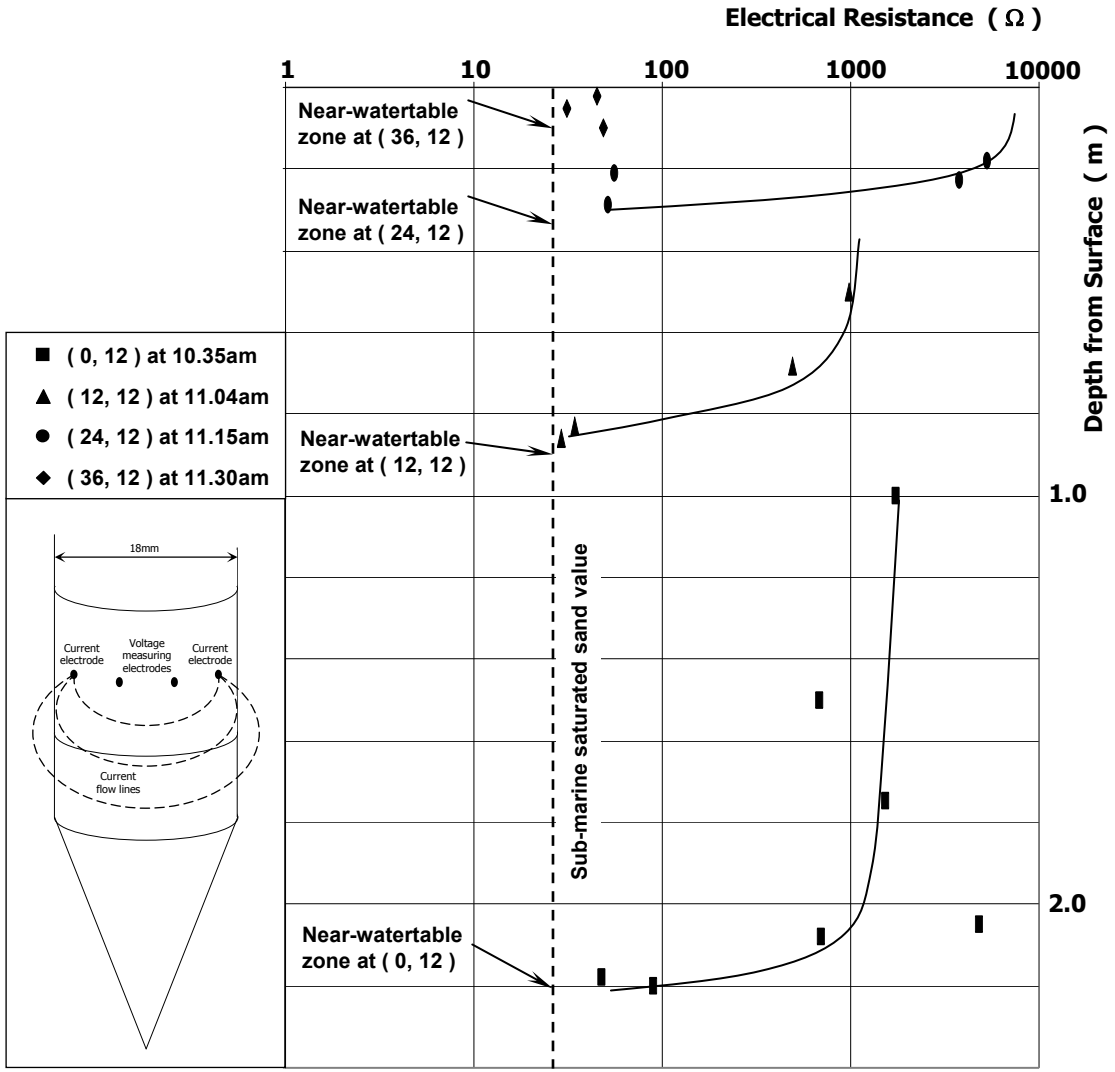
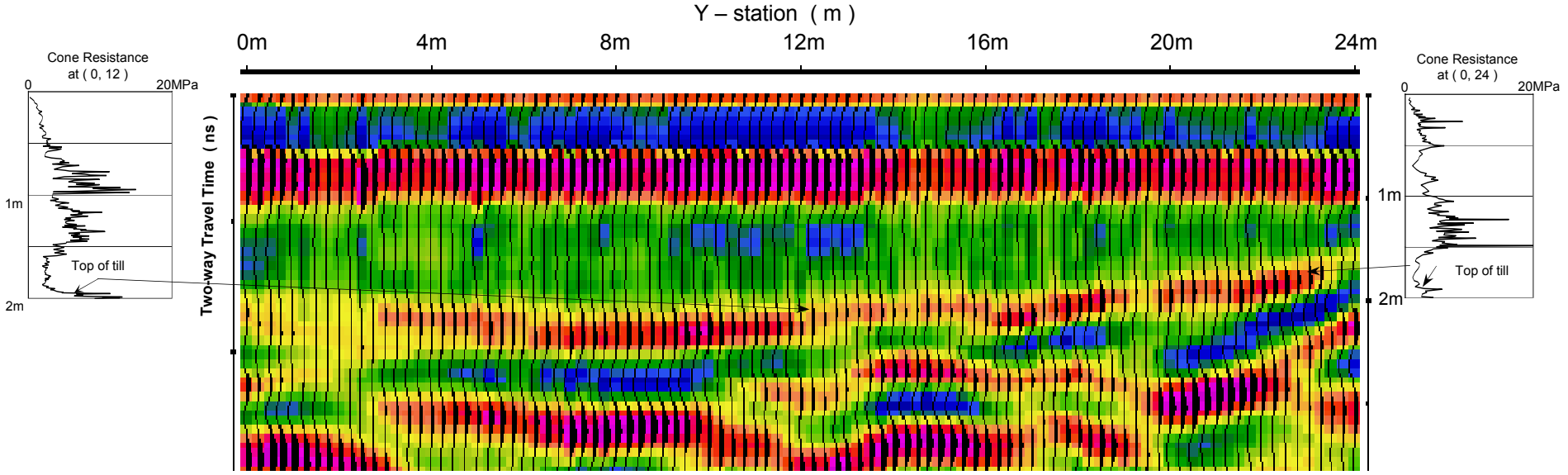
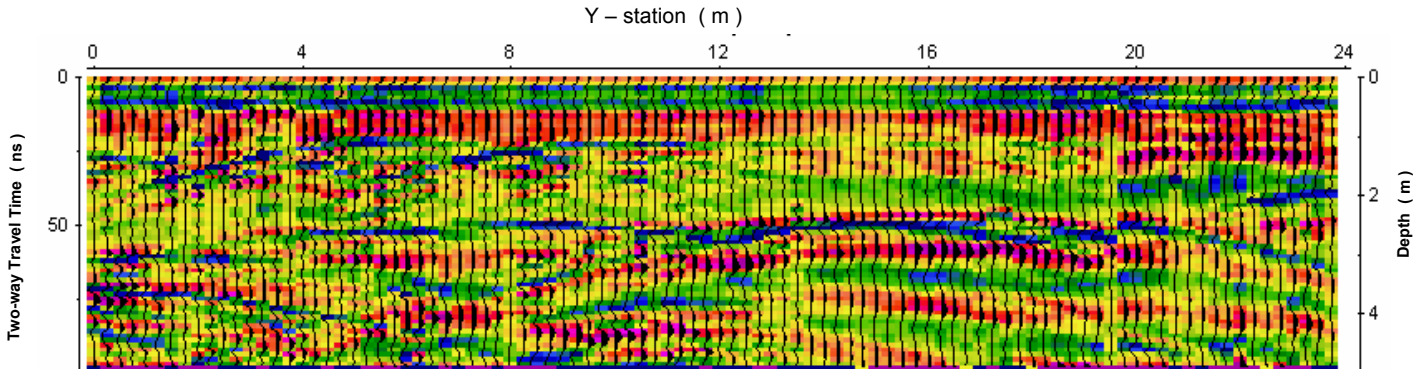


Figure 6. Resistance probe schematic and measurements along y=12m at the survey site.

Gunn et al., (2005)



a. 50MHz Radargram along x = 0m, with correlations to cone resistance profiles.



b. 50MHz Radargram along x = 48m, showing variability in the till.

Figure 7. Radar sections through the beach at Easington.

Gunn et al., (2005)

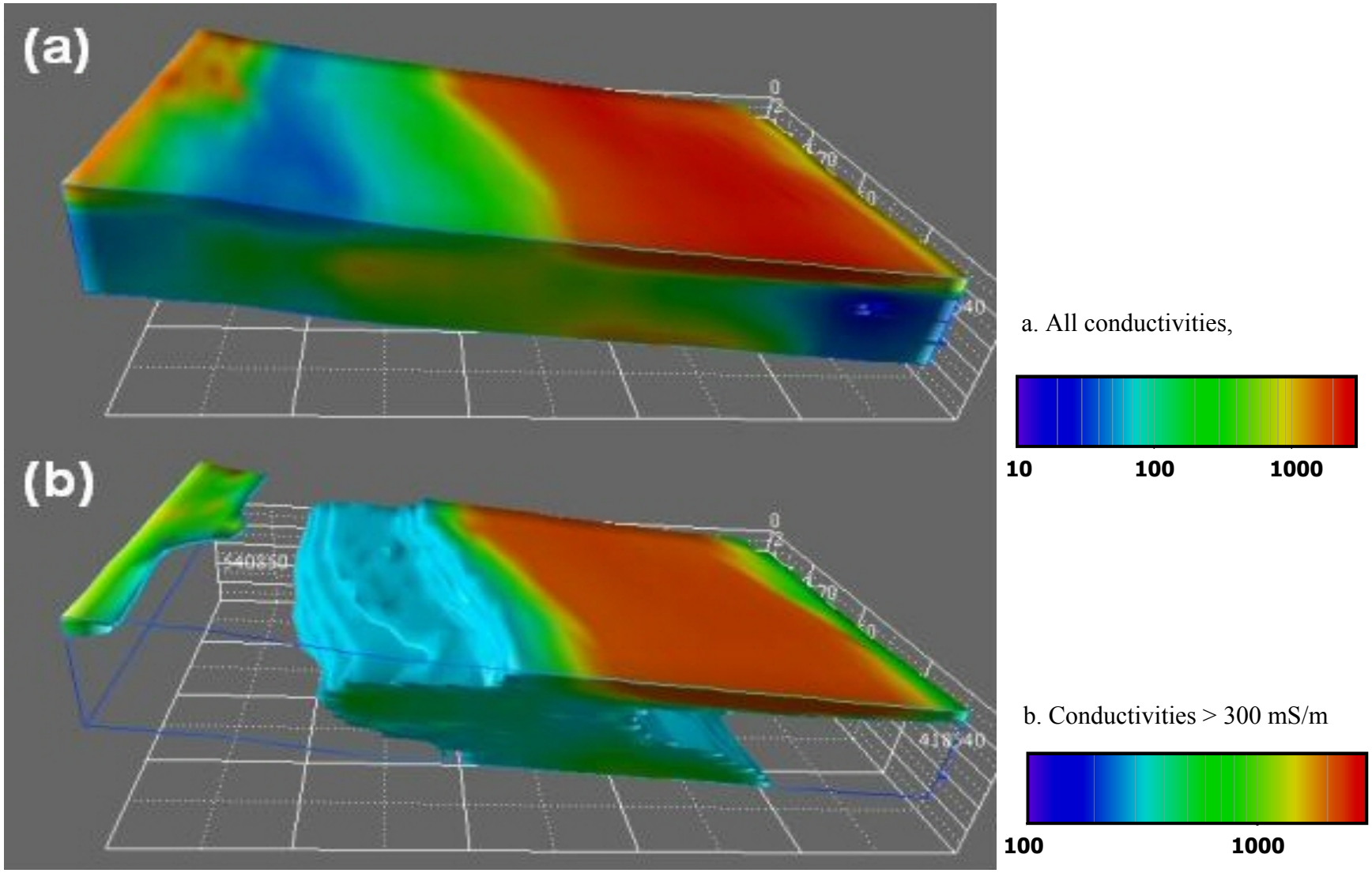


Figure 8. 3D perspective view of conductivity model draped beneath topography.
View is along y-direction and extends from (-2.5, 0.0) to (40, 24) m in local coordinates.
The thickness is 7.5 m. Conductivities range from 20 mS/m (blue) to 2400 mS/m (red).

Gunn et al., (2005)

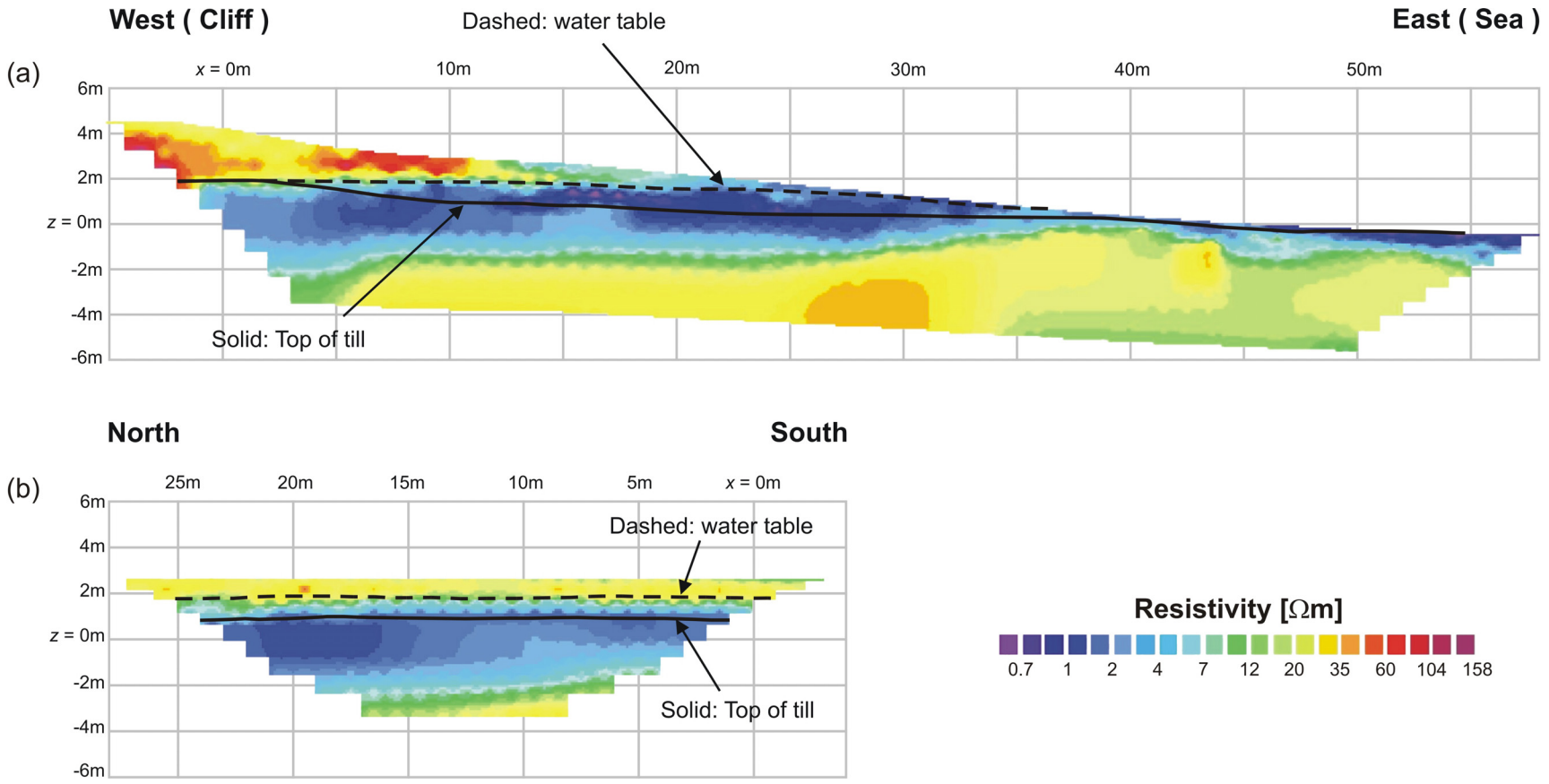


Figure 9. 2D visualisation and interpretation of field data using Rockworks 2004 GIS.
(a) ERT-1 resistivity model along y = 12 m, and (b) ERT-2 resistivity model along x = 12 m.

Gunn et al., (2005)

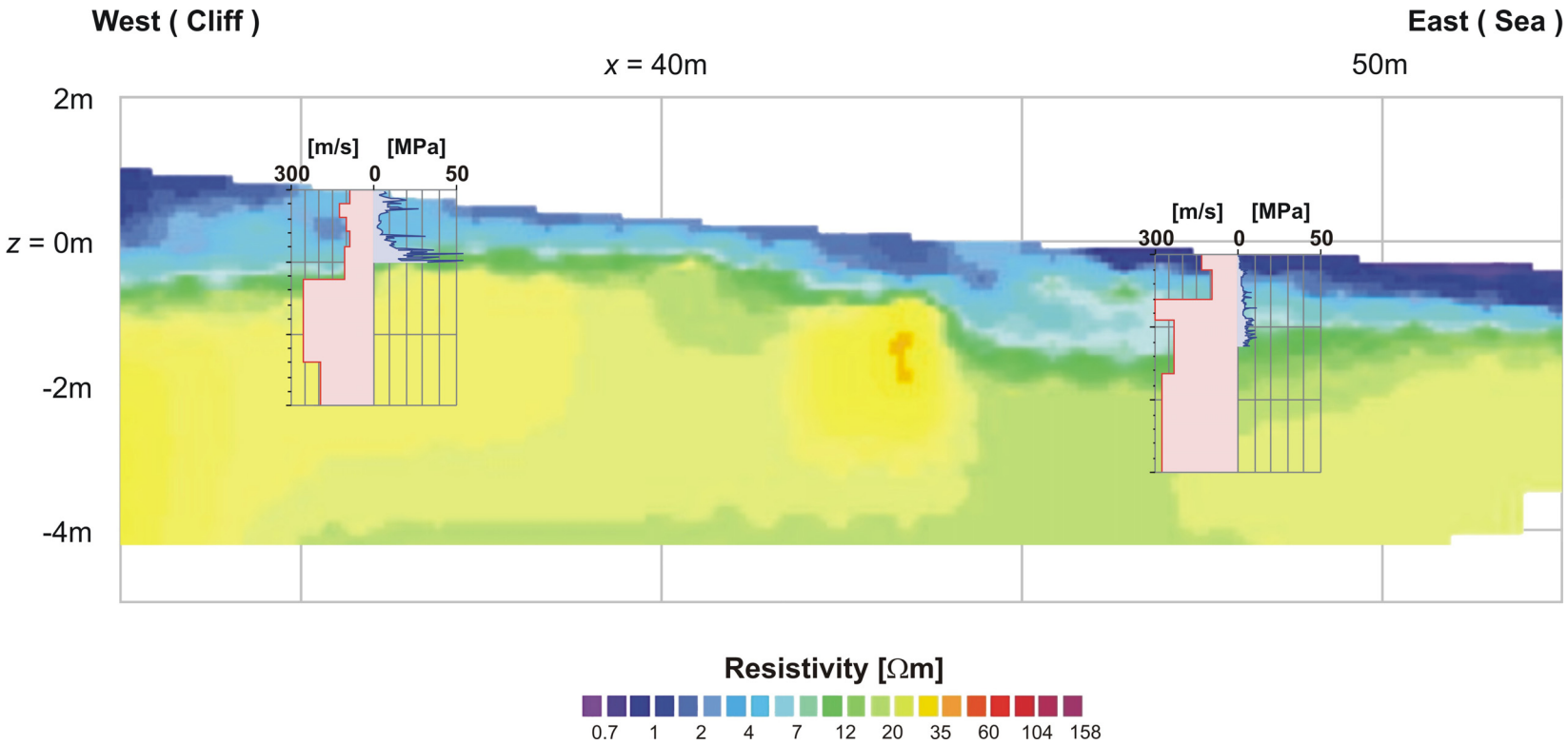


Figure 10. Integration of electrical imaging section (ERT-1), cone penetration profile (blue curve) and shear wave velocity profile (red curve) data for two positions located along y = 12 m at x = 36 m and at x = 48 m using Rockworks 2004 GIS.

Gunn et al., (2005)

Plate 1. Beach profile at Easington looking south. Picture, taken during July 2004. Inset shows a gravel layer exposed on the lower foreshore

Gunn et al., (2005)

Plate 2. Beach profile at Easington looking south. Picture, taken during October 2004.

Gunn et al., (2005)

Plate 3 . Example of the near-surface heterogeneity in the till platform near the survey site at Easington.

Gunn et al., (2005)