

APPENDIX G

RSDYK2008 – THREE-DIMENSIONAL GROUND MODEL BASED ON BOREHOLES AND CPT

The borehole and cpt information has been used to develop a three-dimensional model of the subsurface of the Tempeldijk-South test area. Figure F-1 shows the location of the sections, and Figures 2 through 5 show the sections. Figure 6 shows the three-dimensional model. It should be noted that the reliability of the 3D model reduces significantly with a larger distance from boreholes and cpt's. On the following pages the surface grid is in UTM and the depth is with reference to NAP. The start and end points of the sections are given in UTM coordinates at the top of the section.



Figure 1. Location sections A-A', B-B', C-C', and D-D'.

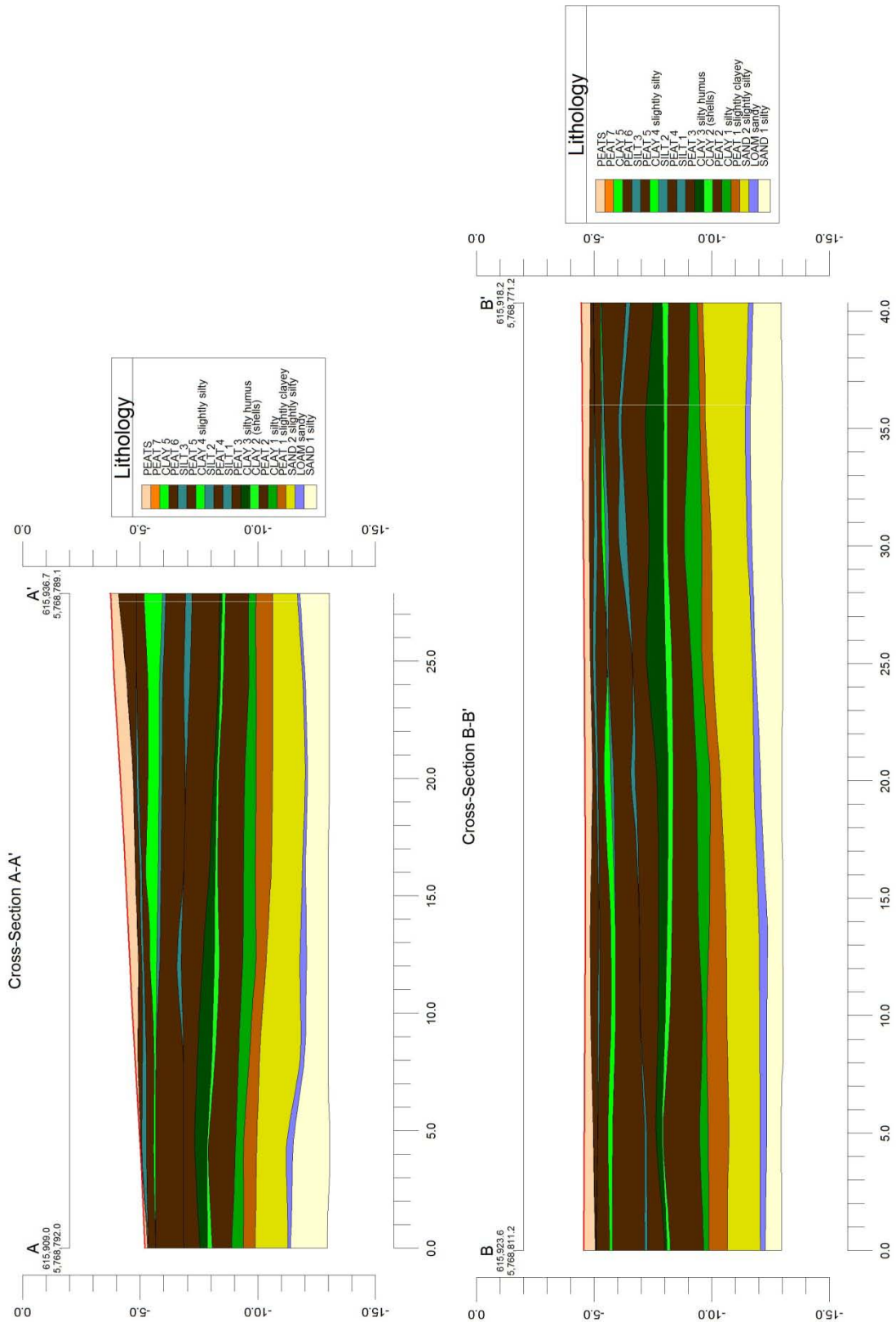


Figure 2. Sections A-A' (West-East) and B-B' (North-South).

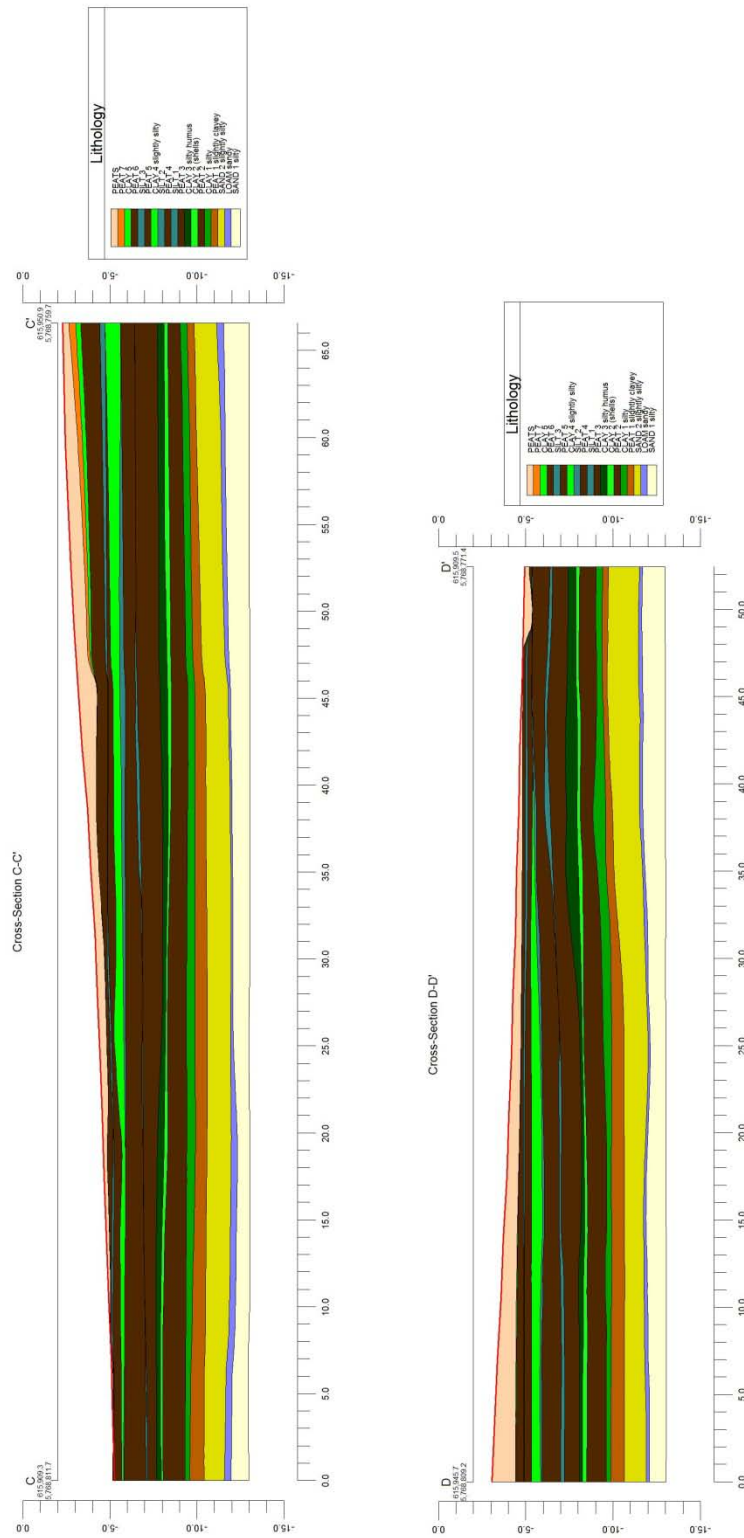


Figure 3. Sections C-C' (NNW-SSE) and D-D' (NNE-SSW)

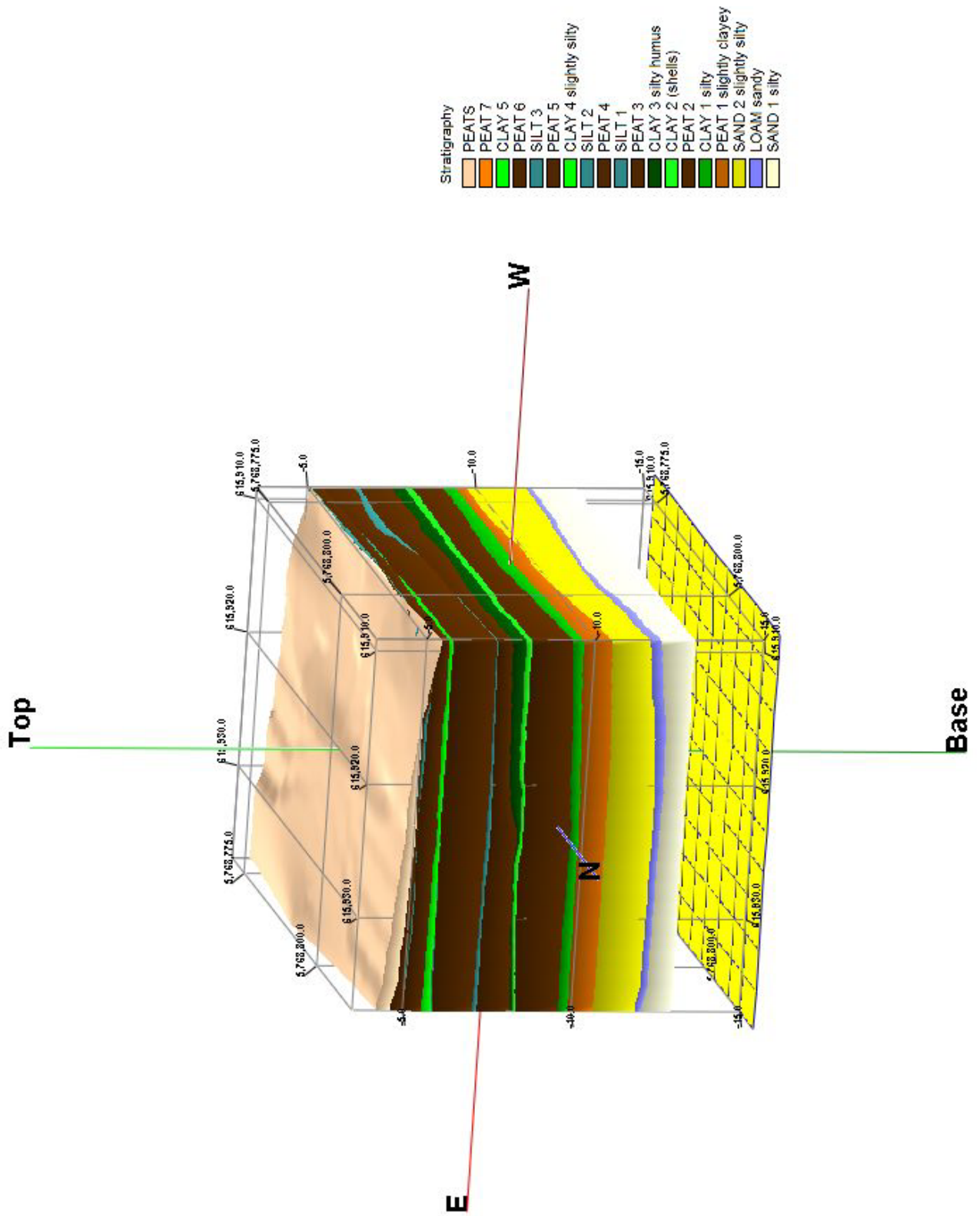


Figure 4. 3D model of the lithology