

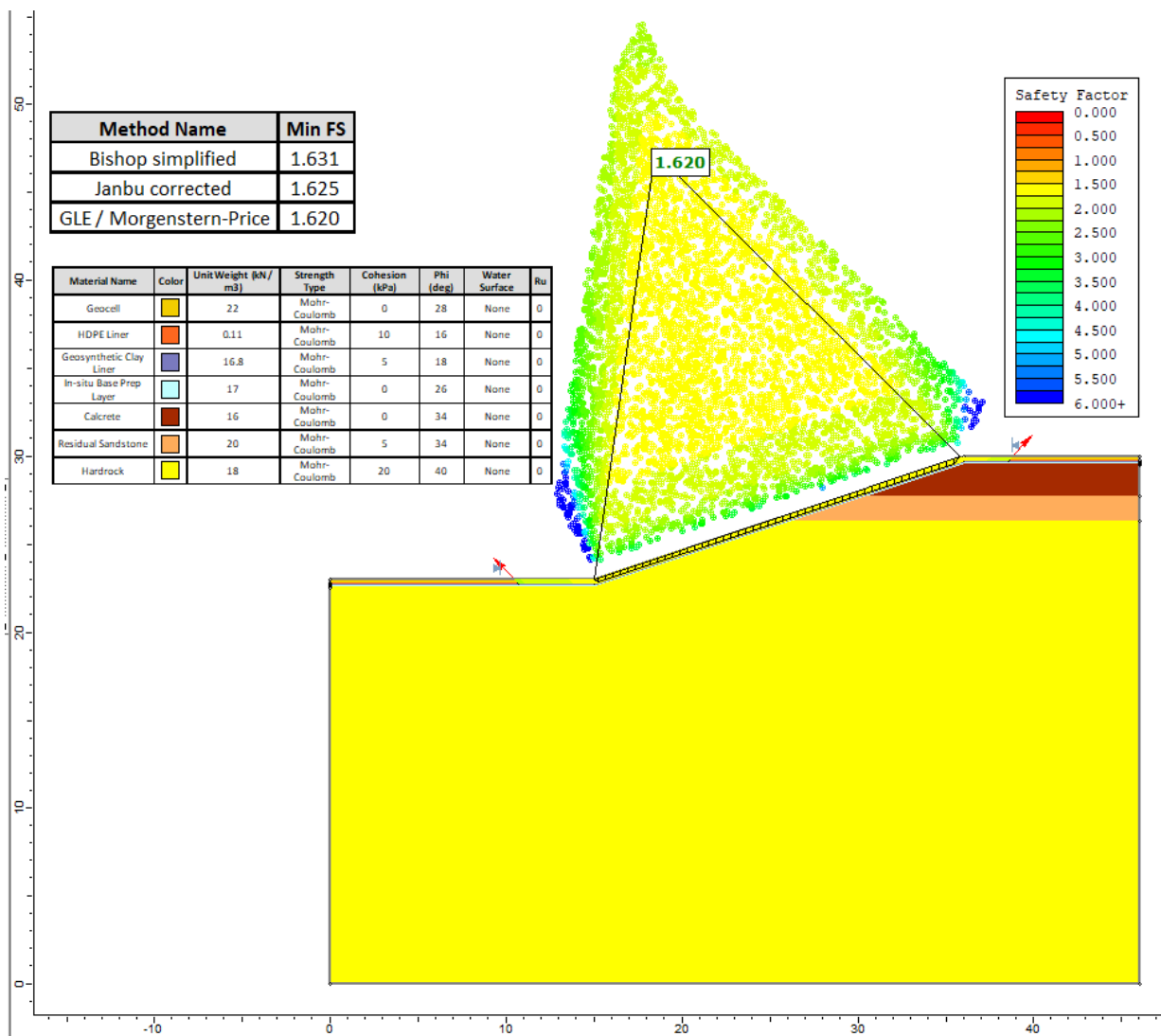
ANNEXURE F- INTERFACE STABILITY CHECKS

INTERFACE STABILITY

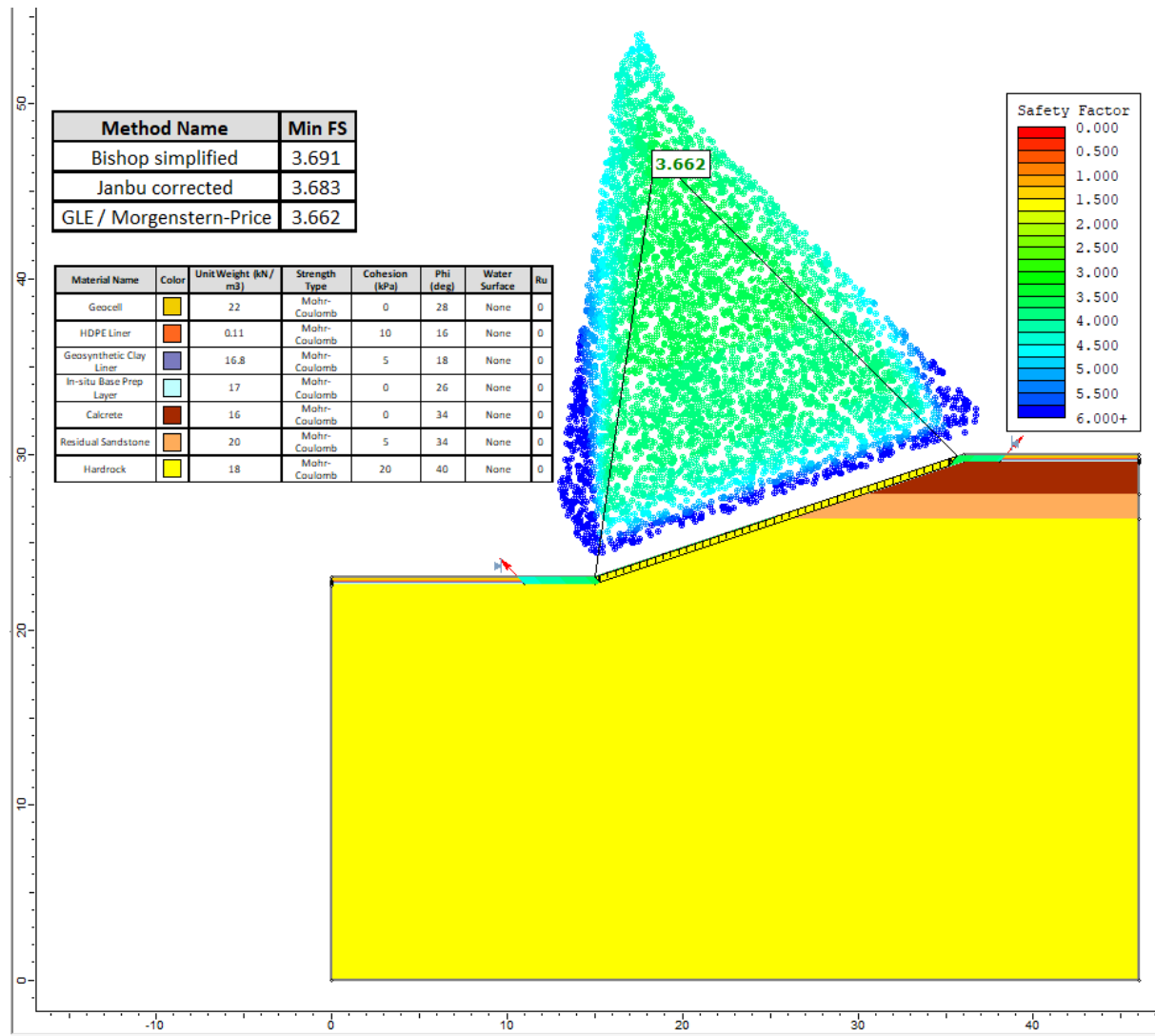
Stability Analysis was undertaken on each of the liner interfaces using the SLIDE 3 part of the Rock Science Suite of Geotechnical Software. Analysis was undertaken for the case of the empty PCD, i.e. with no loading, when the PCD is full of water, and the worse case scenario when the PCD is full of water and with a loading from a seismic (earthquake) event.

Scenario 1 – No Loading (water) on slope

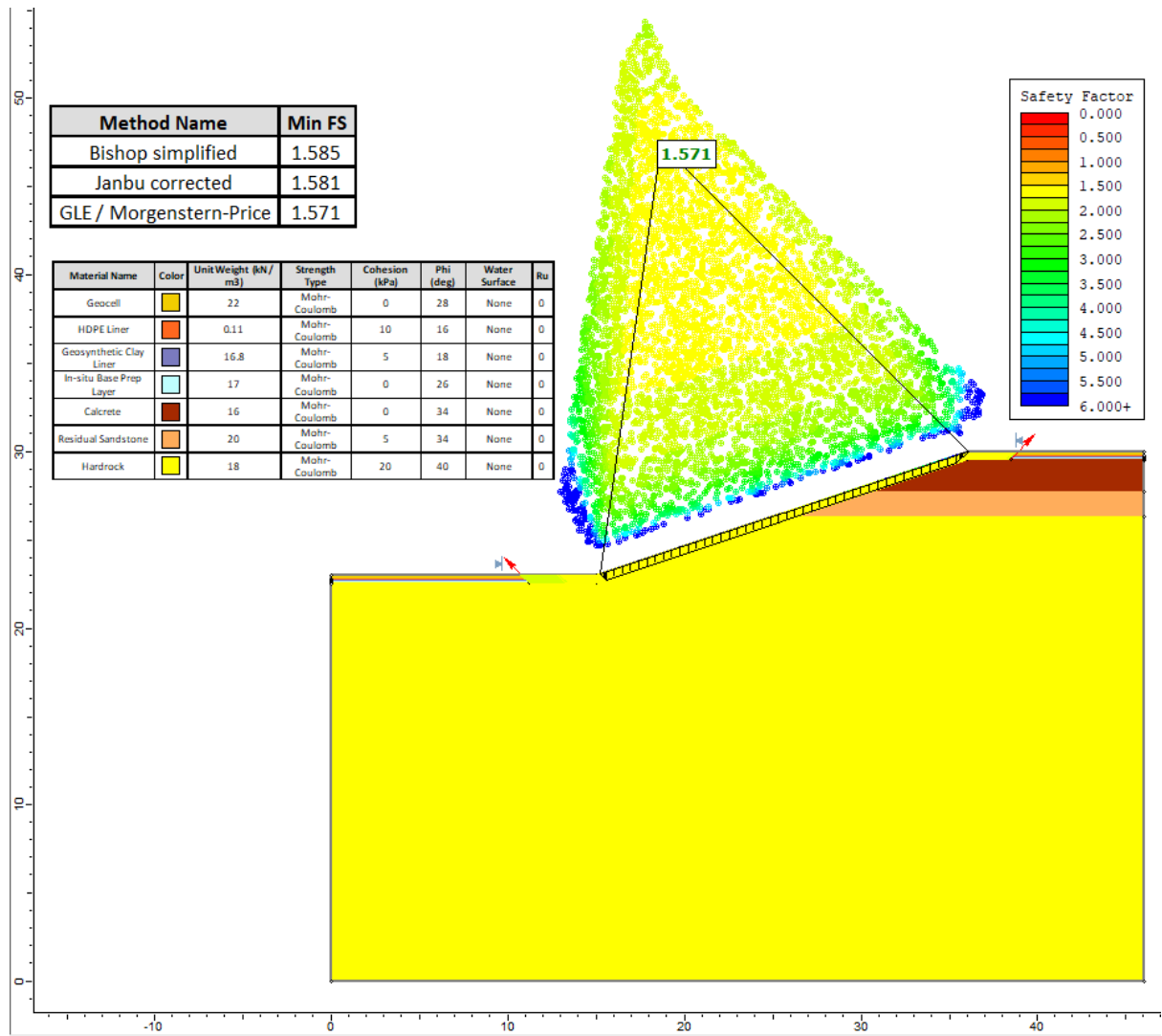
Geocell – HDPE interface



GCL – Base Prep

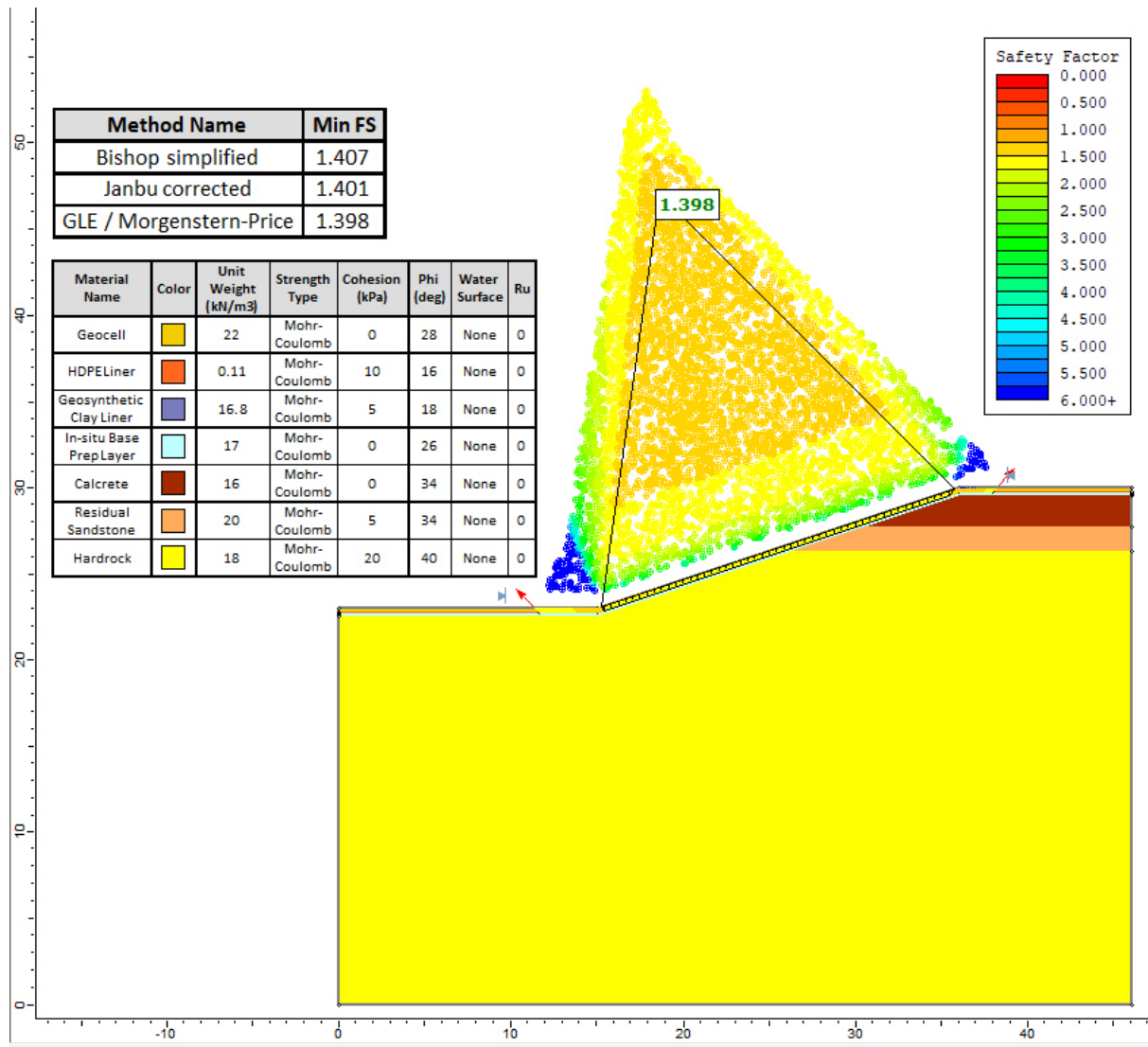


Base Prep – in-situ Ground

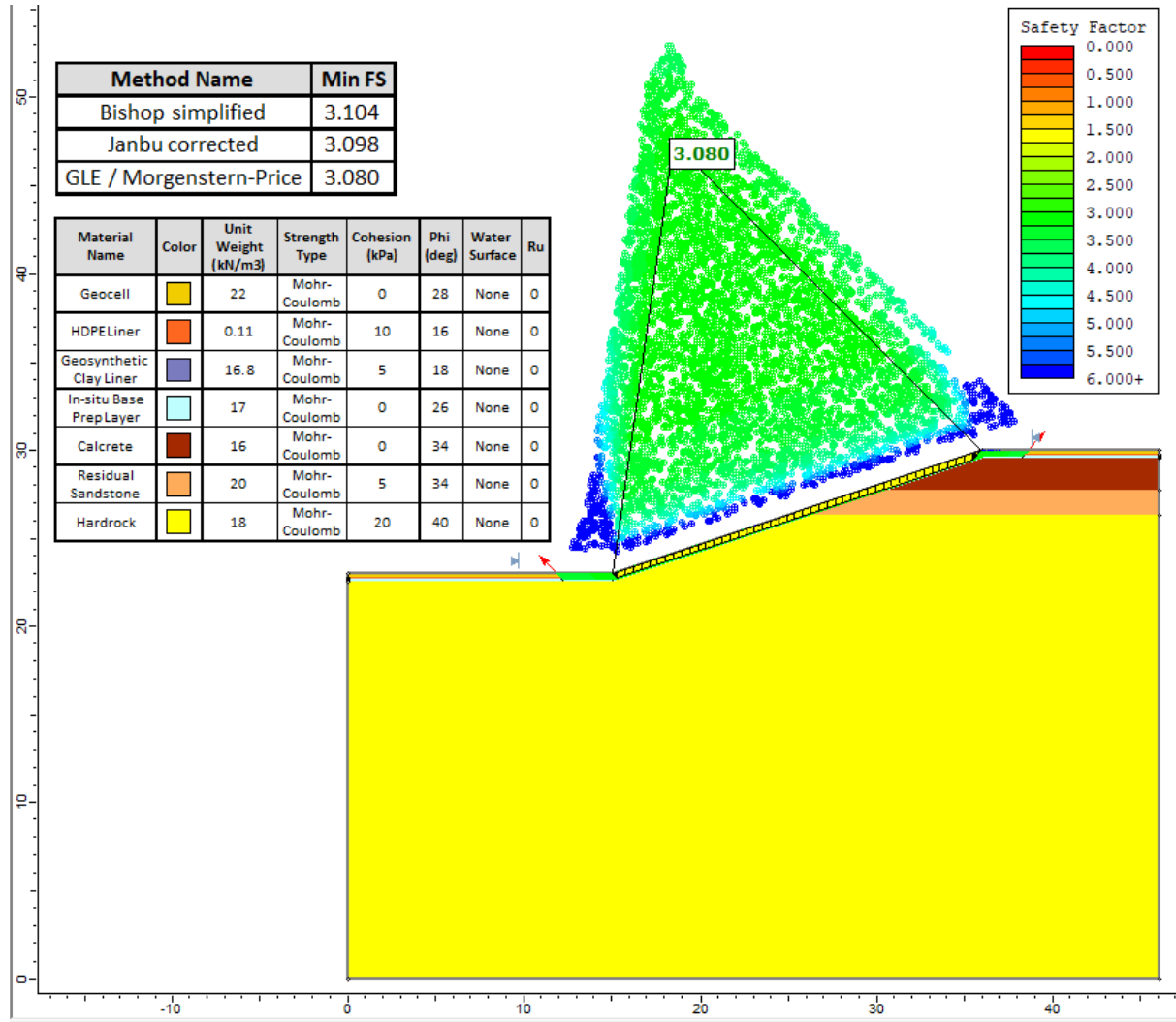


No external Loading (water) on slope – but there is Seismic loading

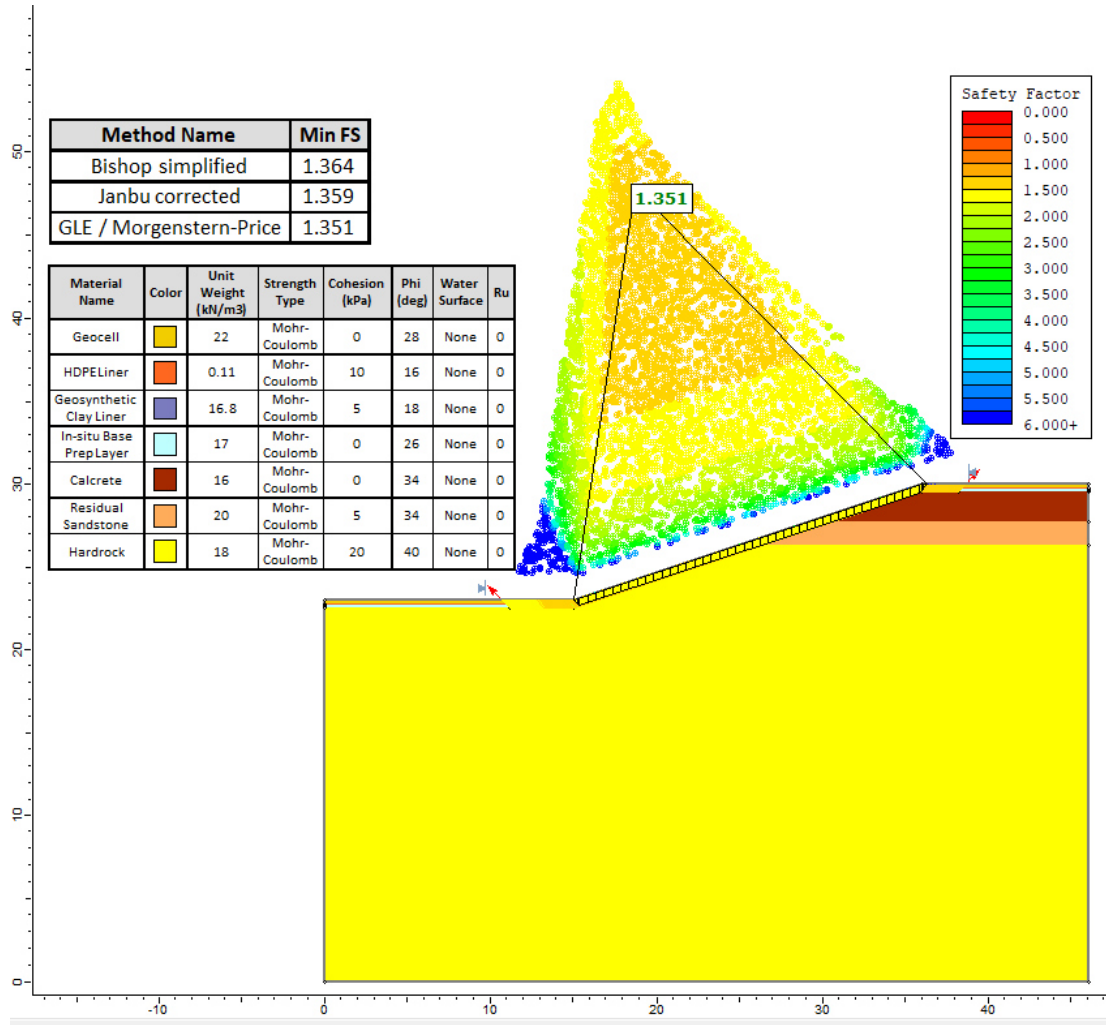
Geocell - HDPE



GCL – Base Prep

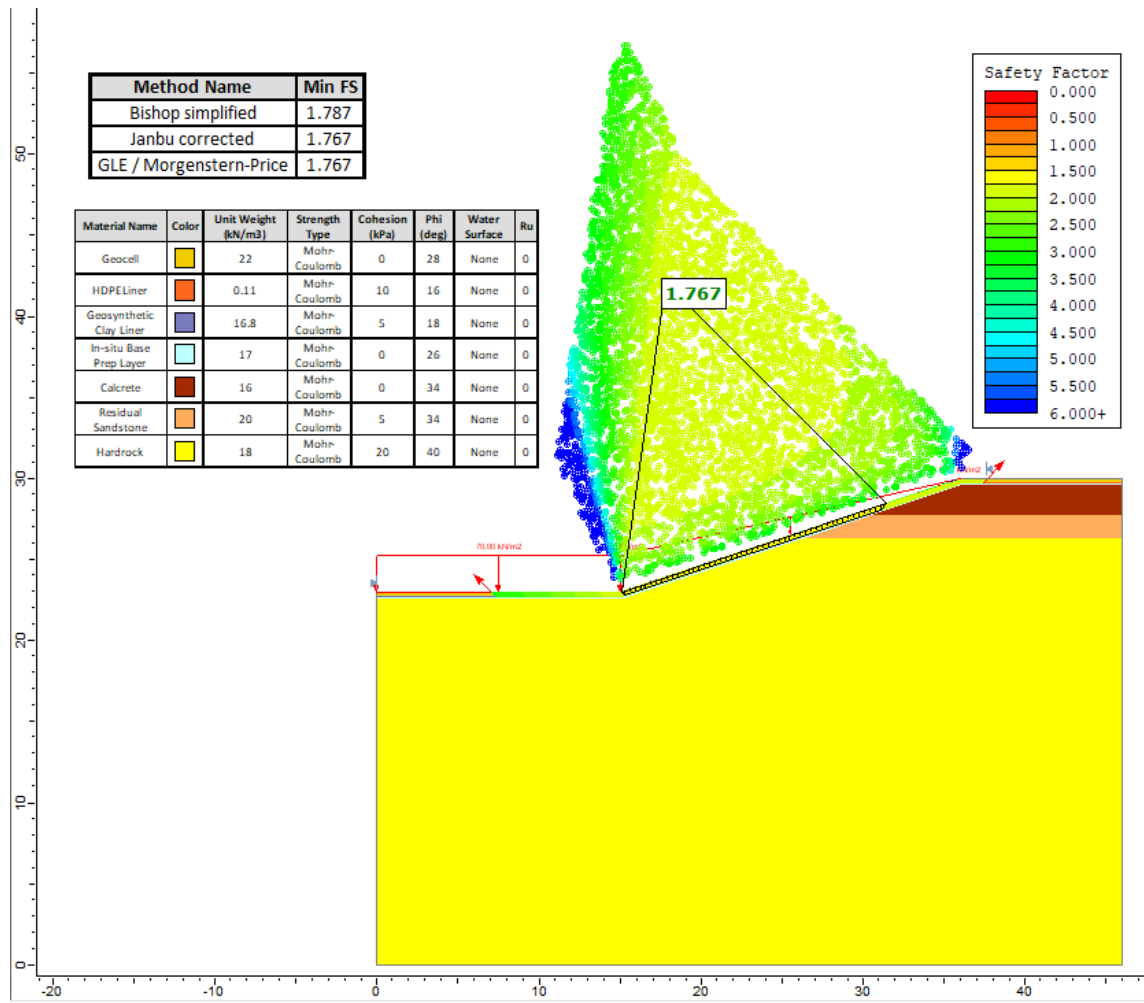


Base Prep - Ground

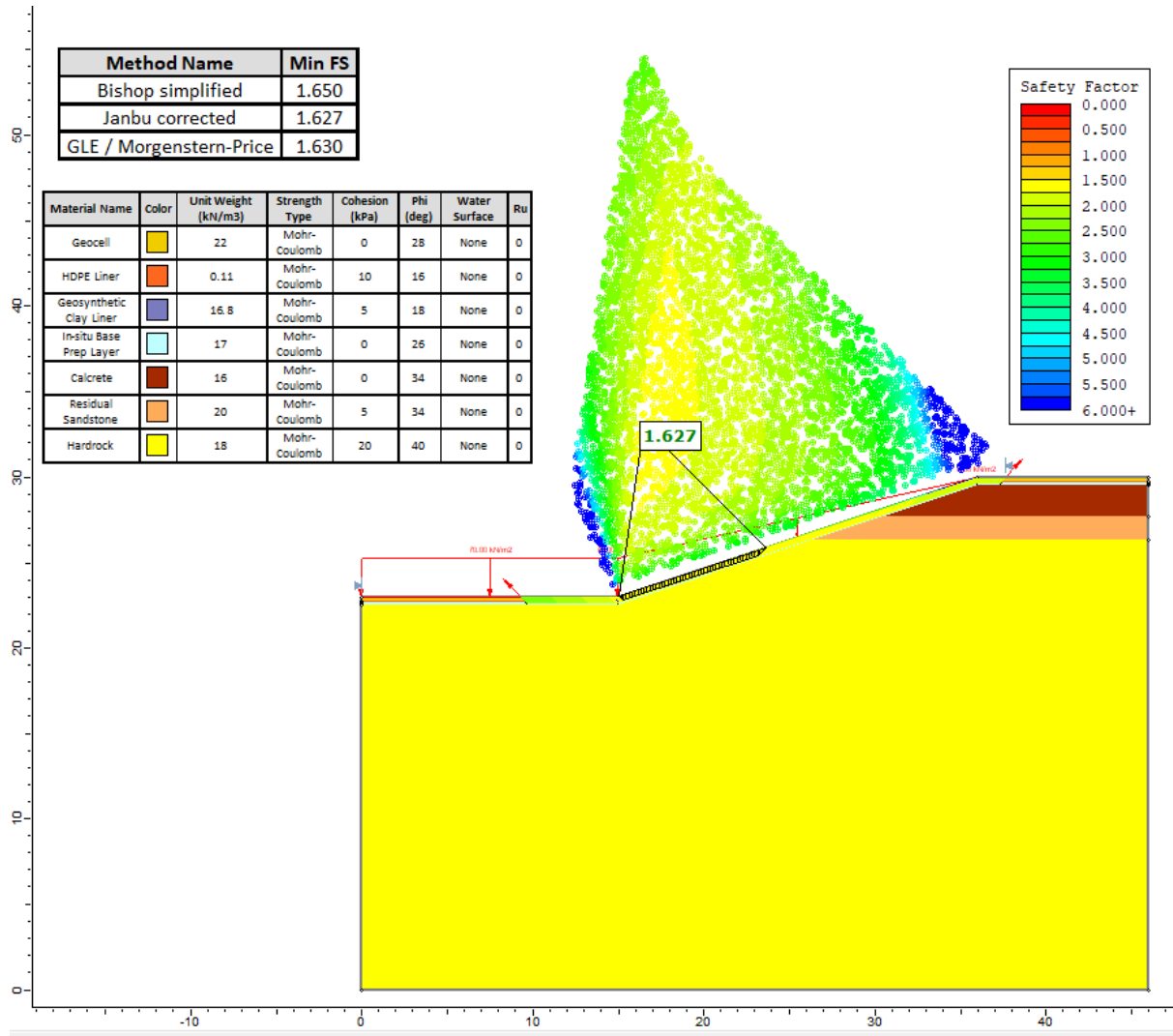


External Loading (water) Applied

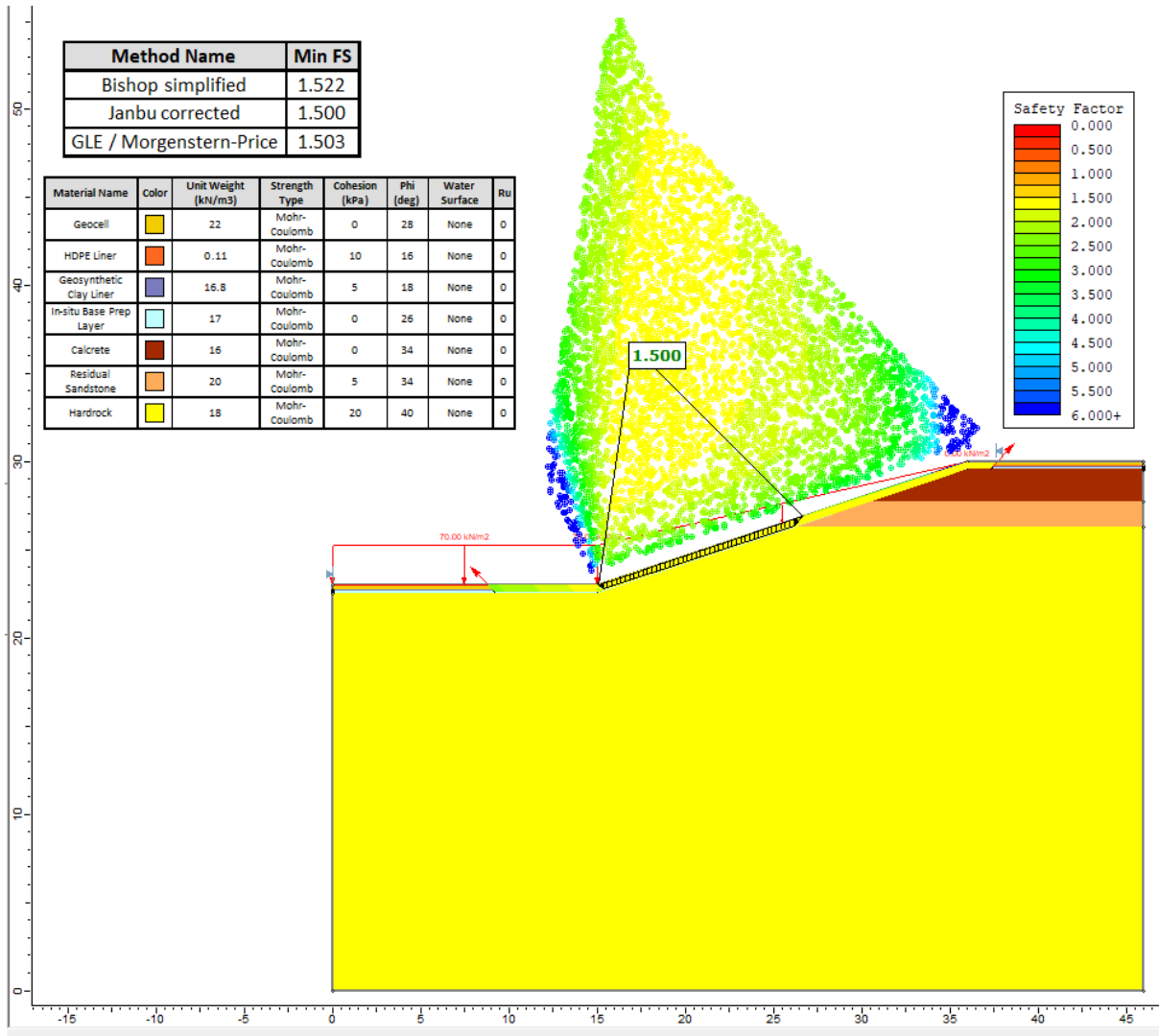
Geocell – HDPE



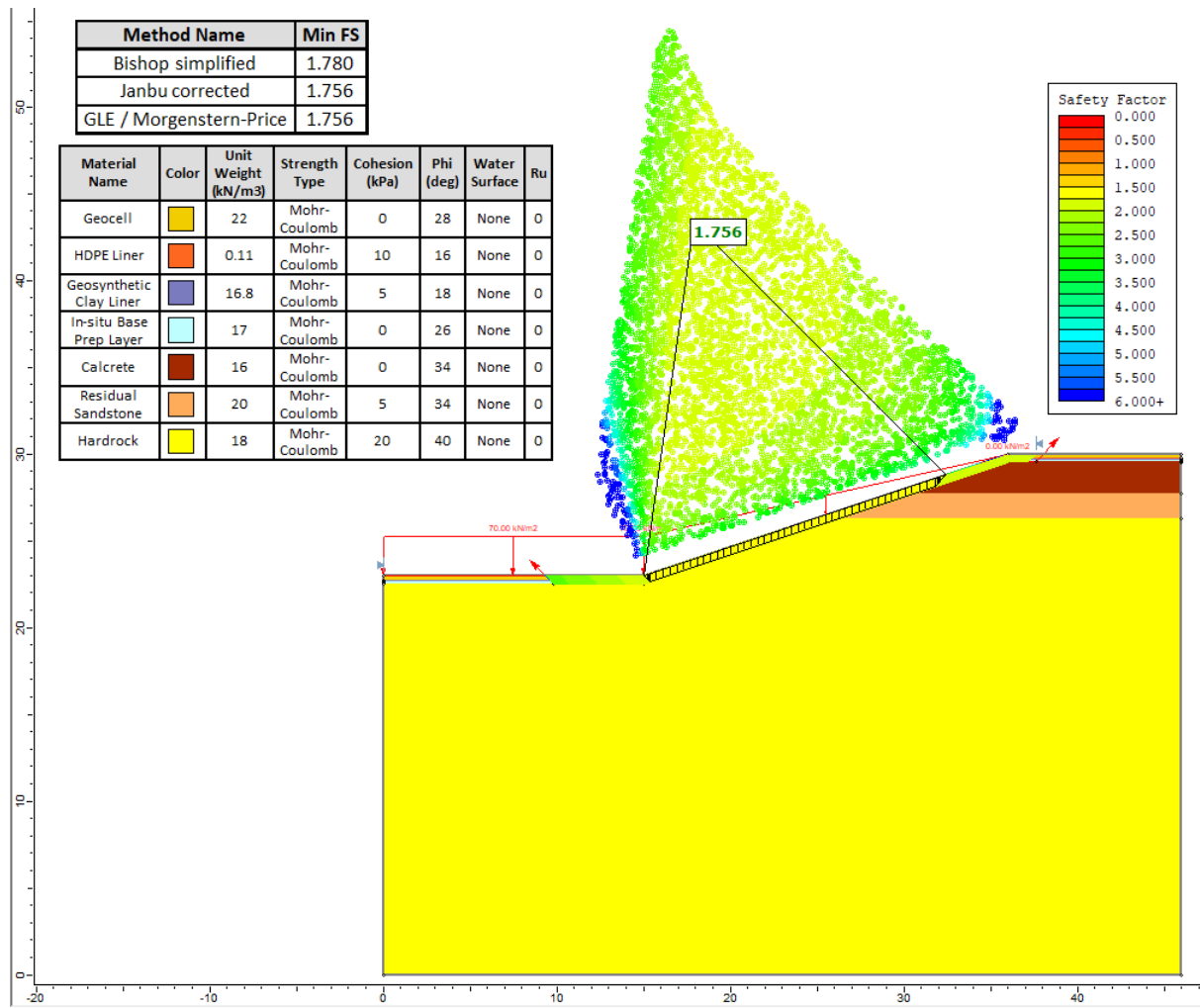
HDPE - GCL



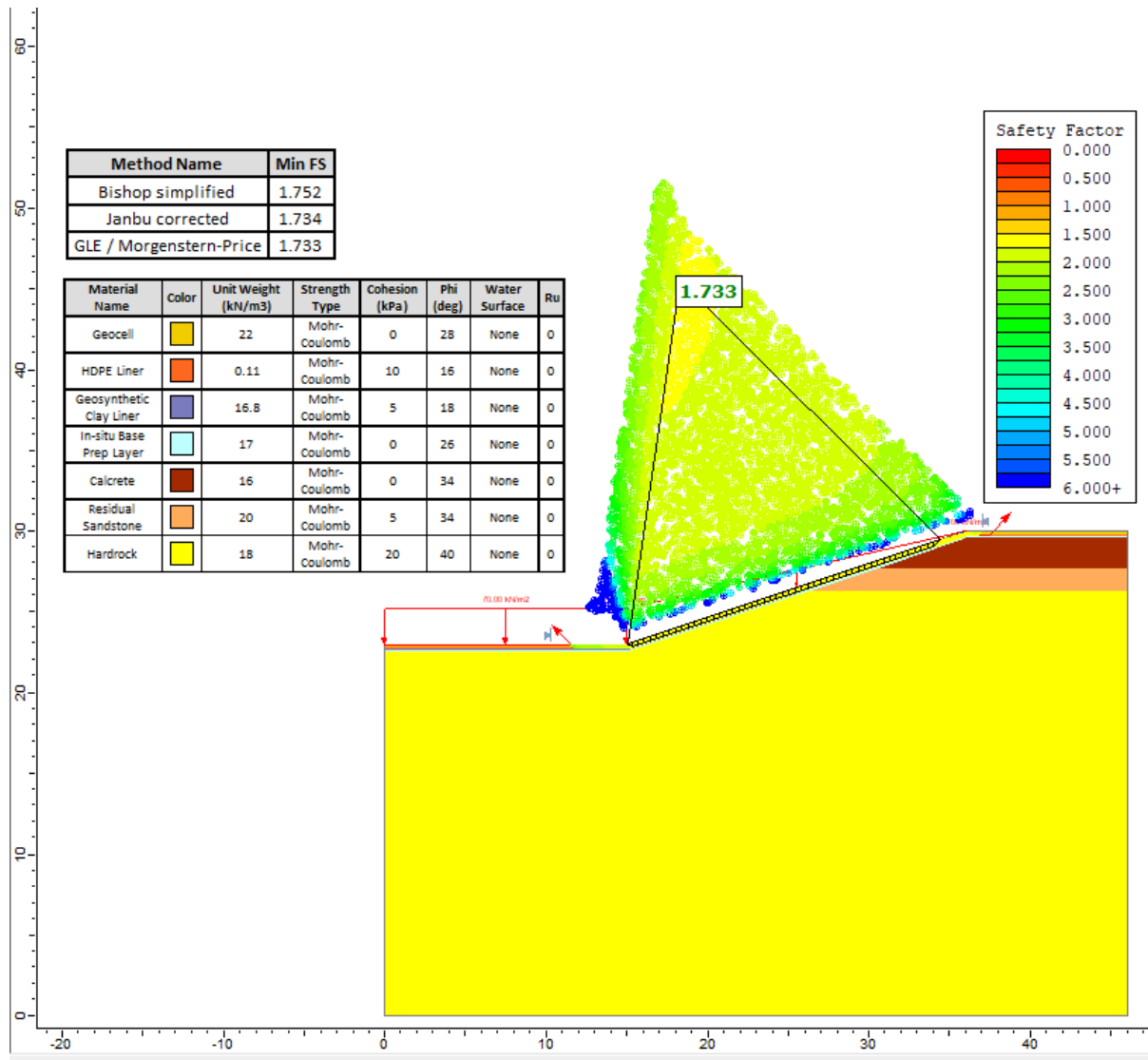
GCL – Base Prep



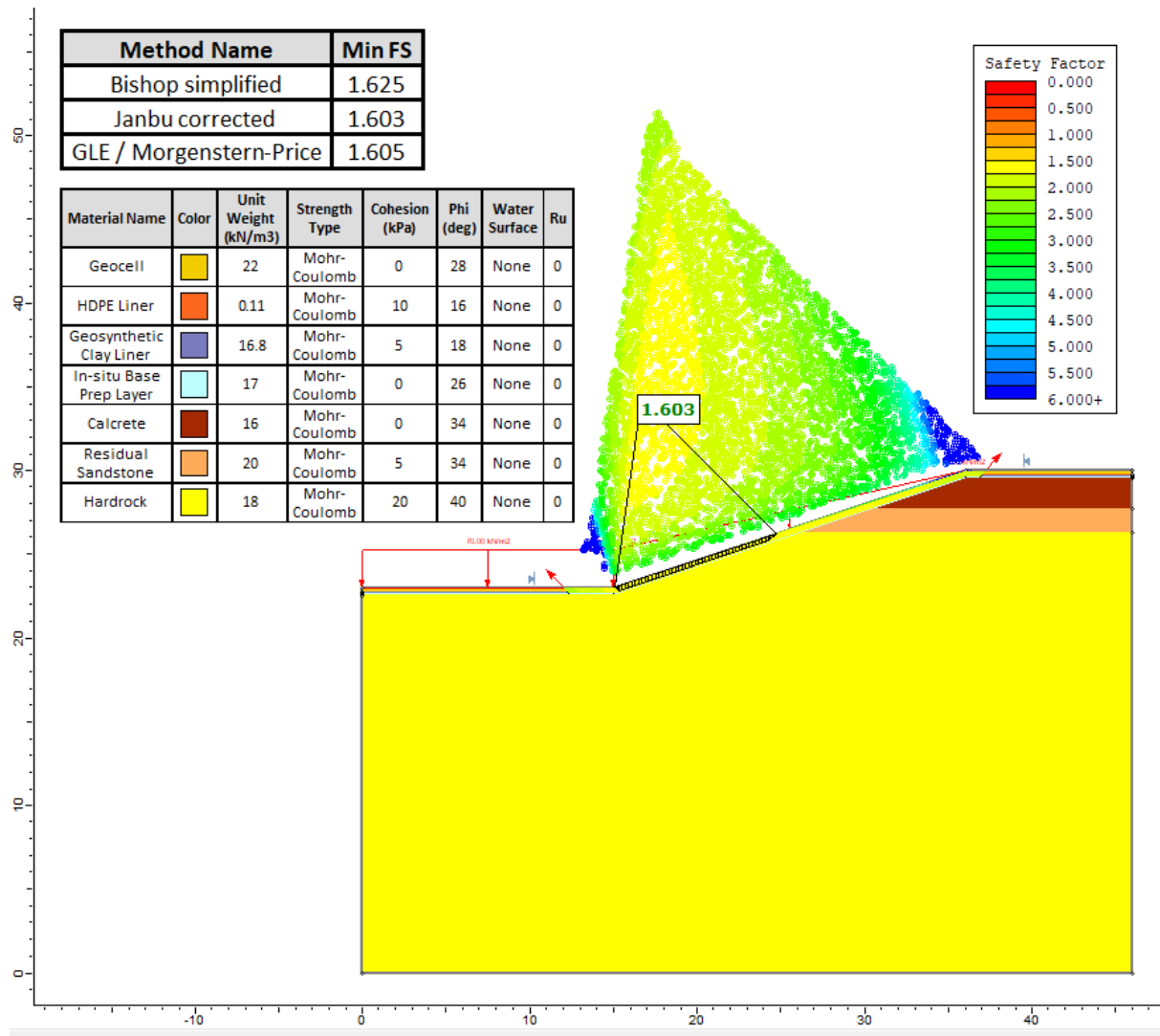
Base Prep – in-situ Ground



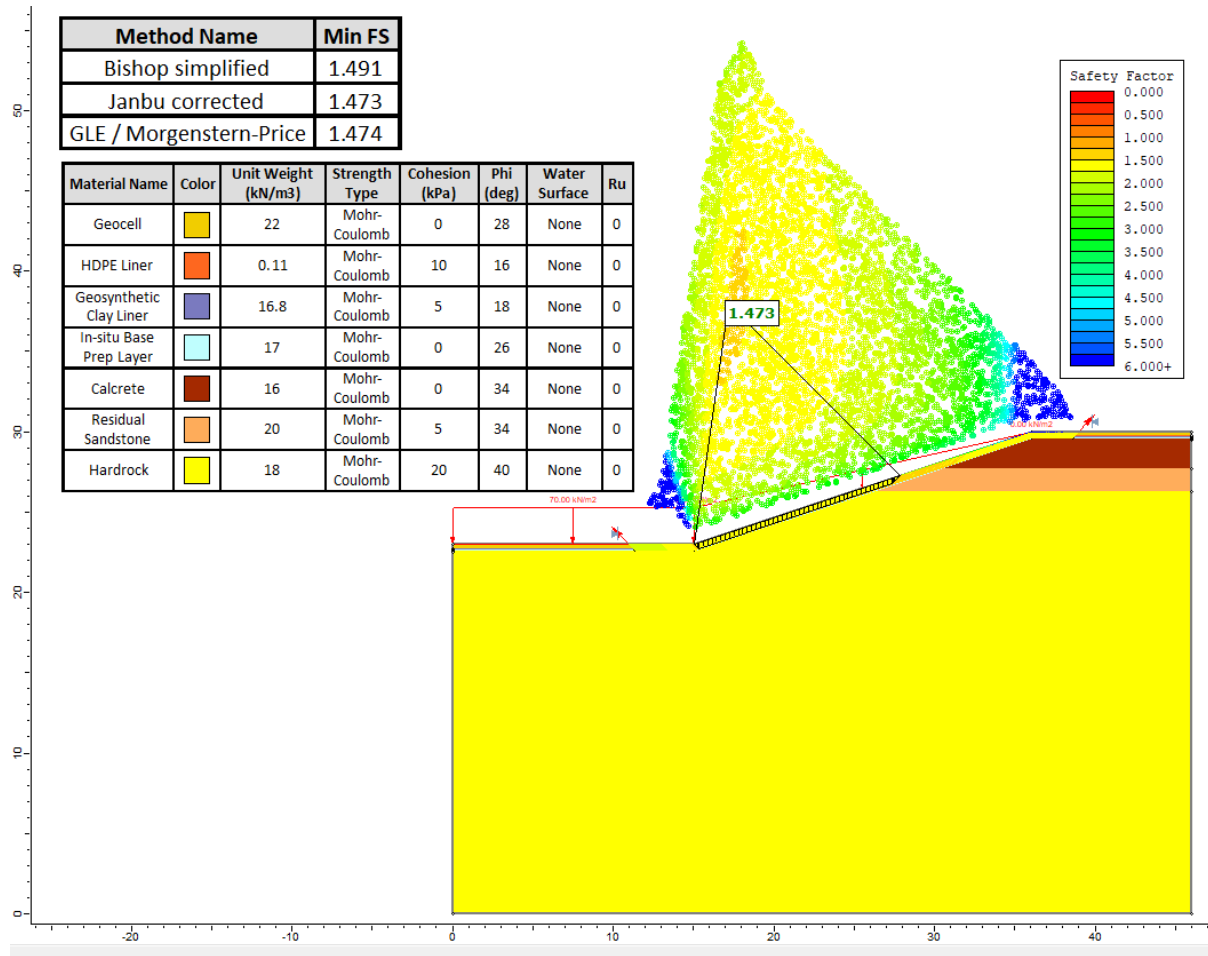
External Loading (water) + Seismic Geocell - HDPE



HDPE - GCL



GCL – Base Prep



Base Prep – In-situ ground

