

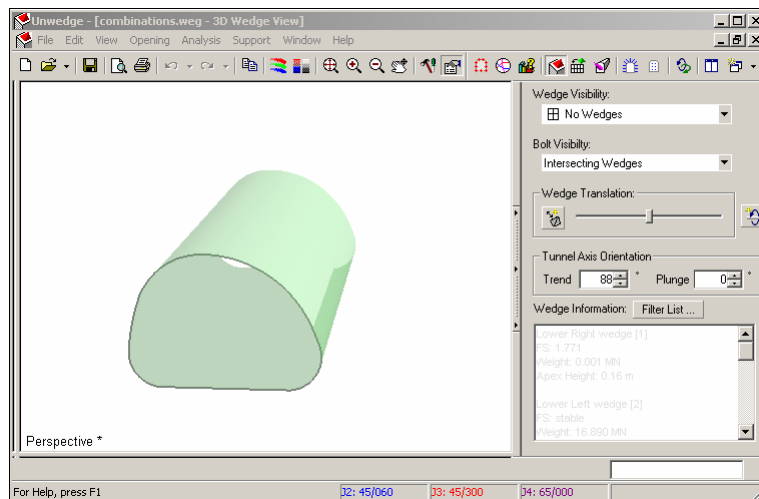
Tutorial Summary


This tutorial will look at an analysis involving five joints. The main aspects of the analysis are:

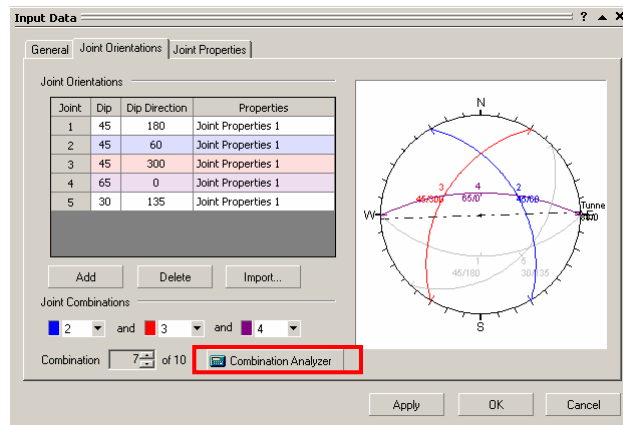
1. Using the Combination Analyzer to compute the analysis for all possible combinations of 3 joints, and sorting the results by selected criteria.
2. Viewing Formed Wedges.

Tutorial Steps

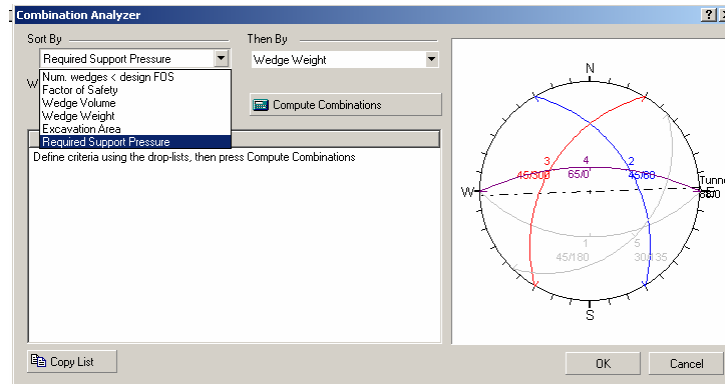
1. From the Unwedge Examples folder, open the file (combinations.weg).



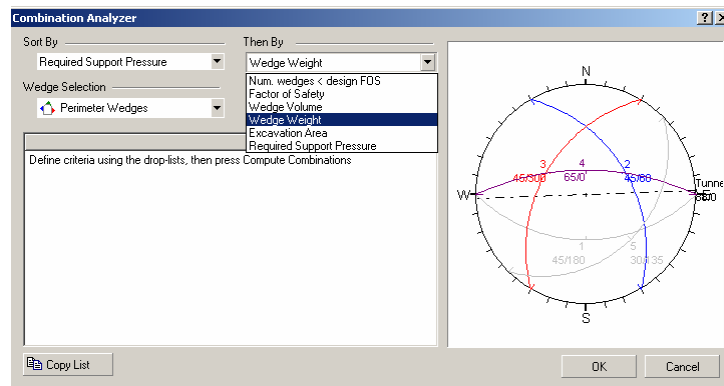
2. Click on the Input Data button  and select the Joint Orientations tab. Notice that 5 joint orientations are defined in the dialog. Select the Combination Analyzer button.



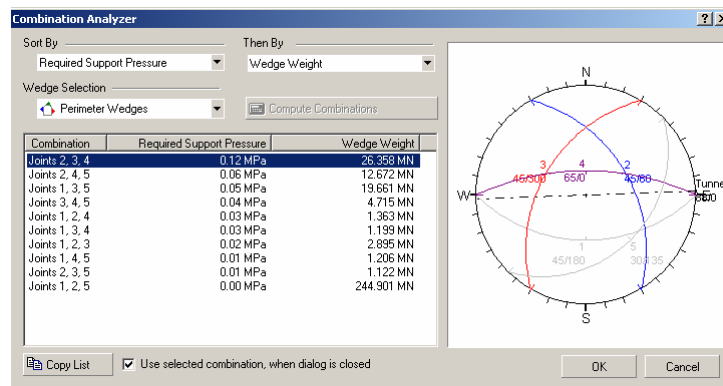
- In the Combination Analyzer dialog, you can sort the results in a variety of ways. Let's sort wedges first based on Required Support Pressure.



- A second results criterion can also be specified. For this tutorial specify Wedge Weight as the second criterion.

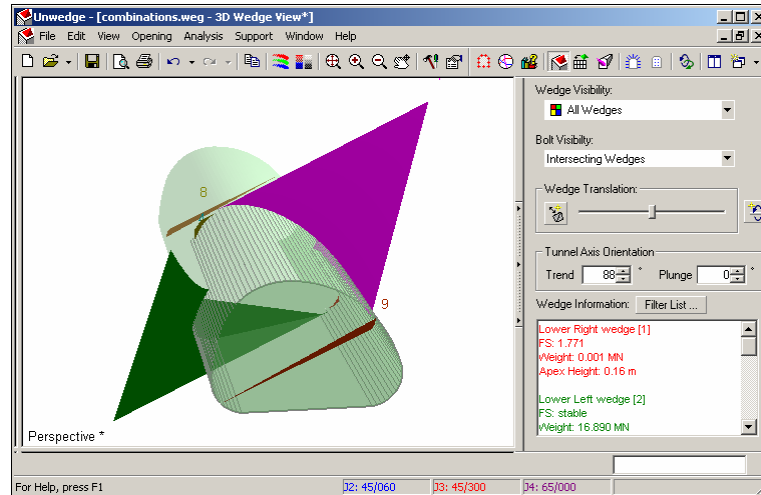


- Click on the Compute Combinations button  to run the analysis.



The results show that the combination of Joints (2, 3 and 4) produces the perimeter wedges that require the highest support pressure.

- To view the perimeter wedges created by the worst combination (Joints 2, 3 and 4), select the combination from the list in the Combination Analyzer and click OK.



This concludes our Joint Combinations Tutorial