

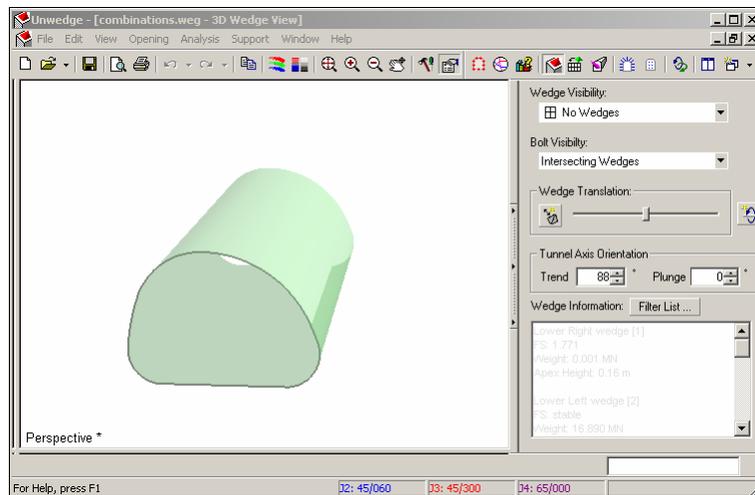
## Tutorial Summary

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

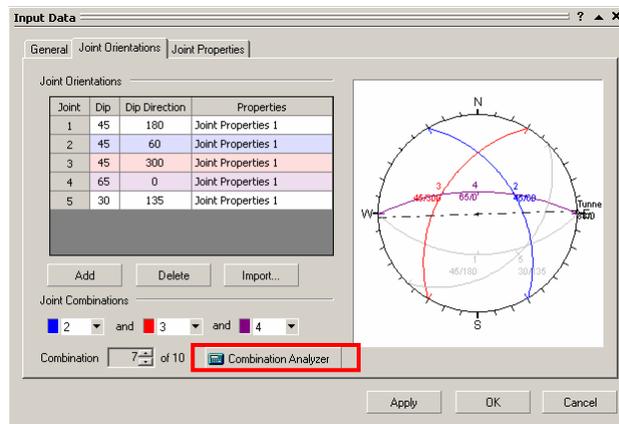
1. Using the Combination Analyzer to compute the analysis for all possible combinations of 3 joints, and sorting the results by selected criteria.
2. Viewing Formed Wedges.

## Tutorial Steps

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

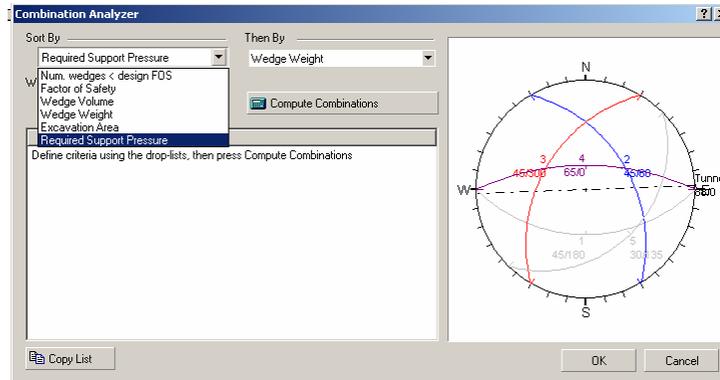


2. Click on the Input Data button , and select the Joint Orientations tab. Notice that 5 joint orientations are defined in the dialog. Select the Combination Analyzer button.

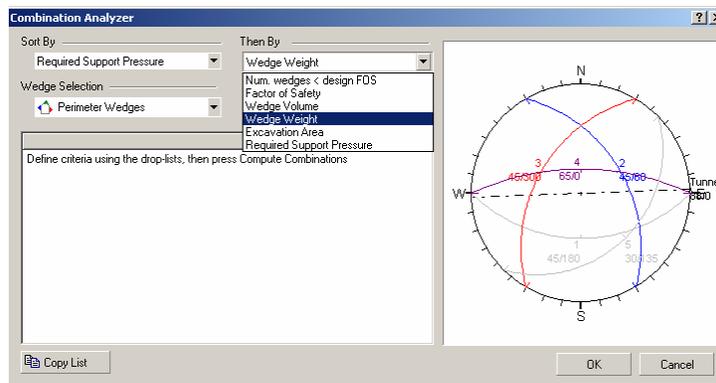


## Joint Combinations Tutorial

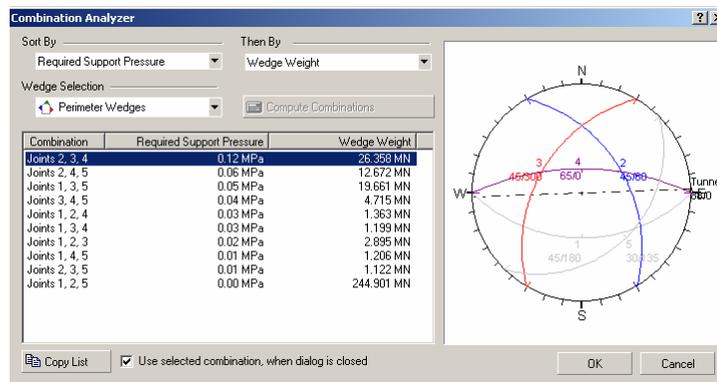
- In the Combination Analyzer dialog, you can sort the results in a variety of ways. Let's sort wedges first based on Required Support Pressure.



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

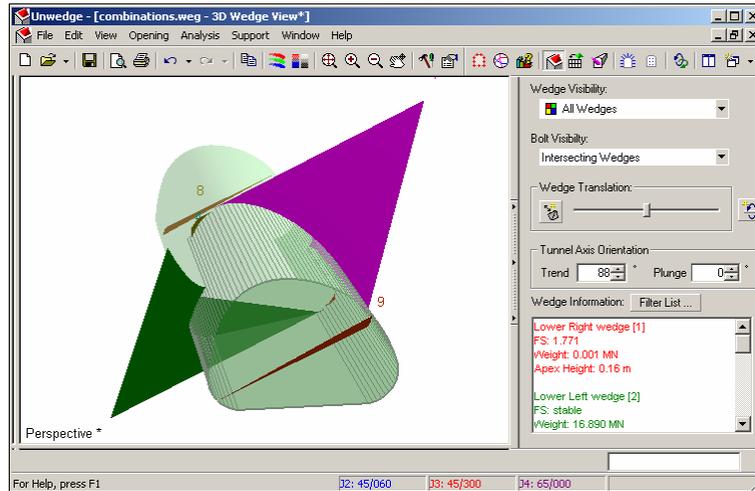


- Click on the Compute Combinations button  to run the analysis.



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**