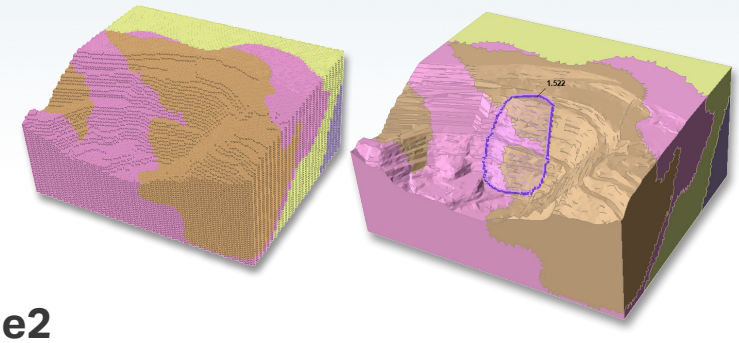
rocscience



WEBINAR

Unlocking Precision with the New Block Model in Slide3 and Slide2

Q1: Is this block model feature available for RS3 or Examine 3D?

A1: It's under development in RS3 and it's in the final stage. It will be available for the customers soon. You will also be able to import your Slide3 block model to RS3

Q2: Can I import a geometry from Civil3D DEM?

A2: If you are asking about importing the block data, it should be imported as a .csv file. But if you are asking about the 3D geometry, you can import geometries with different formats, such as .onj, .dxf, and .dwg.

Q3: What data must the model have for these analyses?

A3: The required data should include the material names and x,y,z coordinates of the blocks to be able to make a block model. If you have additional data such as properties of the materials for blocks, then it will add more accuracy to your block model.

Q4: Can I use block model property on modeling of the tailings dams?

A4: Yes, block model is a general way of defining geology of your model regardless of the application.

Q5: Is it possible to include anisotropy to the block model in Slide3? If so, could we consider different dip/dip direction for each block?

A5: Yes it's possible. It will be shown in one of the demos.

Q6: Is x,y,z for the centroid of the blocks? Where is the size?

A6: Users can pick them to input either based on the center point or corner points. But by default, it's the center of the block

Q7: How do you define the input data for block model?

A7: The data is imported from the text or .csv files that are being generated using geological software packages.

Q8: What about geotechnical data—or only structures D, DD and lithology?

A8: If the material is Mohr-Coulomb, then you can define cohesion and friction angle. If it's generalized Hoek-Brown, then you can define GSI, mi, and d parameters. For generalized anisotropy, you can define dip and dip direction to vary for each block.

Q9: Is it possible to add several dip and dip directions for the same material in order to have a better representation of the anisotropy?

A9: With the regular material models, yes. For block models you can define several dip and dip directions at the block level. However, in the current version you can only define one bedding with dip and dip direction.