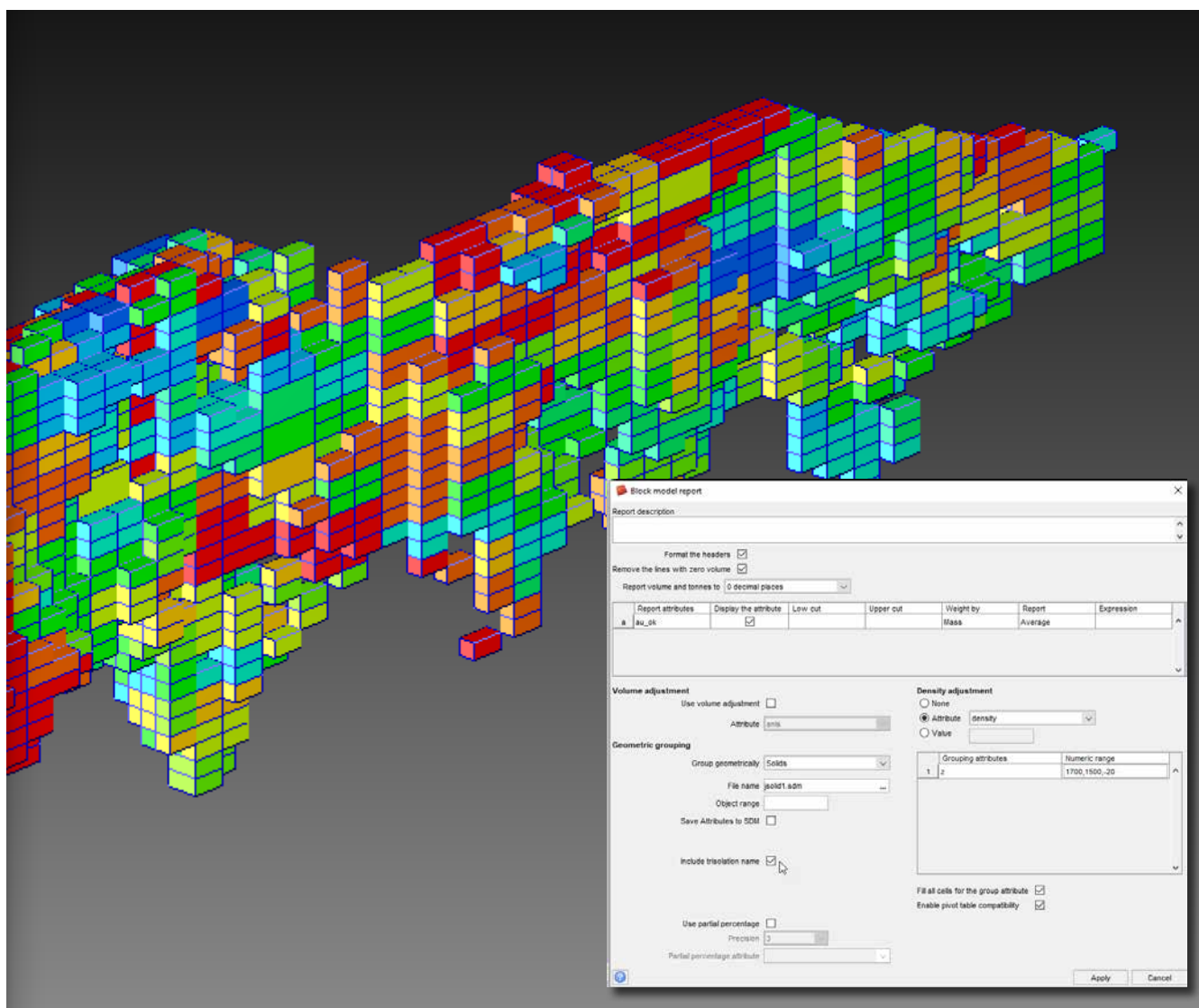# WHAT'S NEW
IN GEOVIA SURPAC™ 2022 REFRESH 1

GEOVIA Surpac 2022 Refresh 1 release has focused on enhancements to existing functionalities and fixing issues raised in previous versions. New capabilities have been added to the GEOVIA Block Modeler, GEOVIA Stope Optimizer and GEOVIA Mine Contributor roles. There are many other general improvements available through the continued efforts to build out our functional capabilities utilizing metadata within our SDM file format and handling multiple block models.

GEOVIA BLOCK MODELER

Block model Pivot table support

Surpac 2022 Refresh 1 provides Geometric grouping that now supports compatibilities with pivot table reporting of groups of trisolations. This enhancement improves productivity and consistency with other report types.
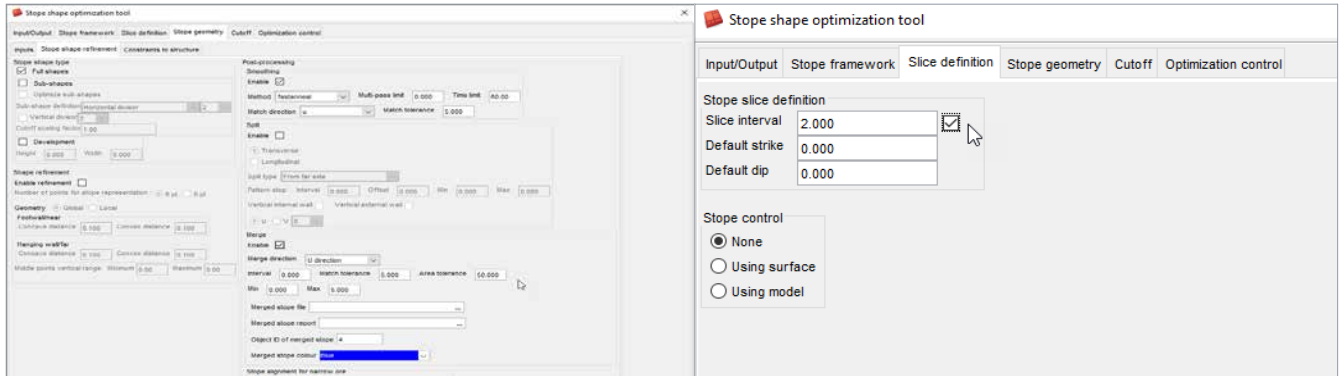
GEOVIA STOPE OPTIMIZER

Refined Stope Shape Optimizer (SSO) functionalities

The GEOVIA Stope Optimizer role has been improved with the following new functionalities:
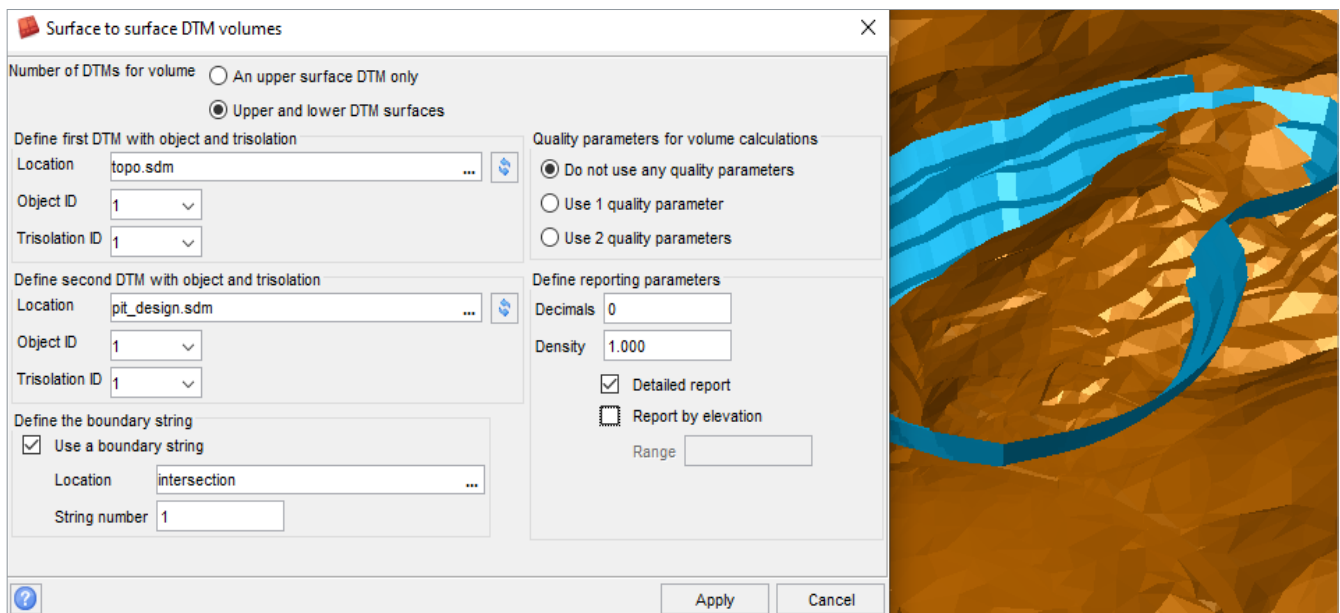
- "Merge": an option to merge resulting solids with a new check box in the SSO function.
- "Area tolerance": a new field used for the setup when generating merged stopes. This value is stored in the .xml output file.
- "Slice interval": check box to define seed slice interval values manually, which overrides the automated parameters of the seed slice intervals.

GEOVIA MINE CONTRIBUTOR

DTM volumes function

In Surpac 2022 Refresh 1, the DTM VOLUMES function supports surfaces with vertical triangles. The surface volume is calculated by ignoring the vertical triangles in the output report generated.

For the complete list of improvements in Surpac 2022 Refresh 1, please refer to the release notes.

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