

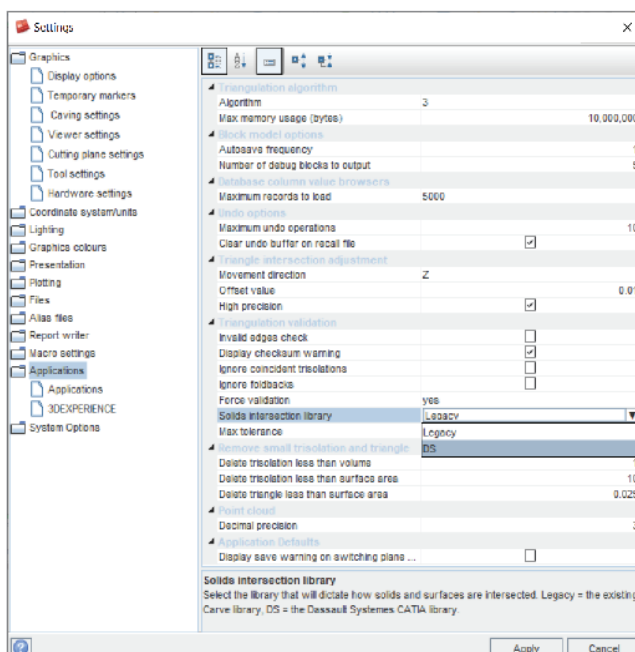
WHAT'S NEW IN GEOVIA SURPAC™ 2025 REFRESH 1

GEOVIA Surpac 2025 Refresh 1 release has focused on fixing issues raised in previous versions and providing enhancements to the existing functionalities. New capabilities have been added to the GEOVIA Mine Contributor, the GEOVIA Cave Footprint Finder and the GEOVIA Cave Planning Manager roles. Other general improvements have also been done to refine the existing capabilities.

GEOVIA MINE CONTRIBUTOR

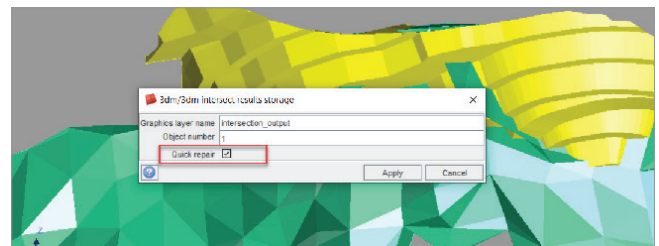
Improvements in the solids or surfaces intersection operations

In Surpac 2025 Refresh 1, to improve the output of solids and surfaces intersection, a new **Solid intersection library** set up has been added to the **Default Preferences** (under the **Applications** tab). This enhancement provides 2 options. The default "Legacy" option is the unchanged behaviour while the "DS" option is a new method that improves the intersection results.



There is also a new **Quick repair** check box in the following functions to perform minor repairs to the intersection results.

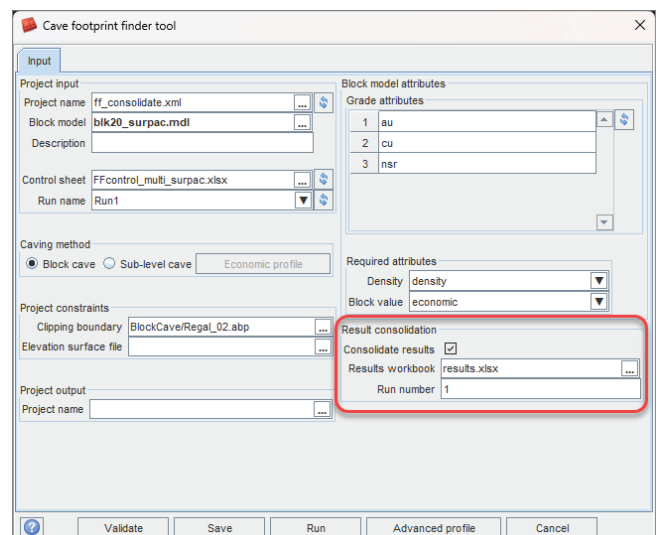
- TRISOLATION 3DM/3DM INTERSECT
- TRISOLATION 3DM/3DM UNION
- TRISOLATION 3DM/3DM OUTERSECT
- TRISOLATION 3DM/DTM ABOVE
- TRISOLATION 3DM/DTM BELOW
- TRISOLATION FILE 3DM/3DM INTERSECT
- TRISOLATION FILE 3DM/3DM UNION
- TRISOLATION FILE 3DM/3DM OUTERSECT
- TRISOLATION FILE 3DM/DTM ABOVE
- TRISOLATION FILE 3DM/DTM BELOW



GEOVIA CAVE FOOTPRINT FINDER

Use the Result consolidation section to generate a single file across multiple runs

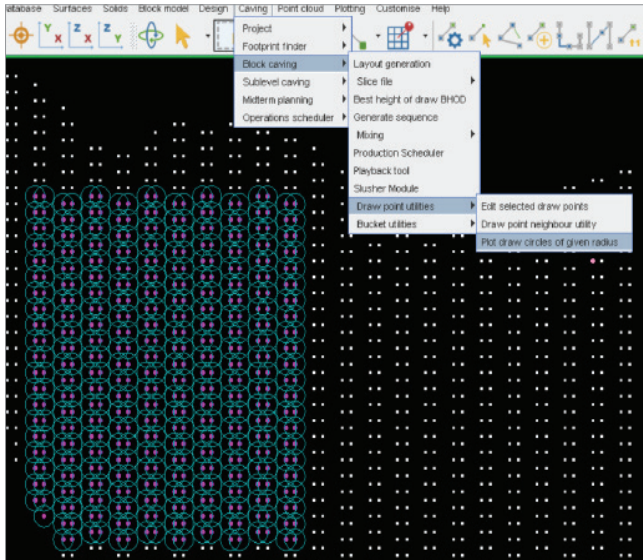
To improve the user experience with the **Footprint finder** function, the new **Result consolidation** section can be used to consolidate the spreadsheet report output to a single file across multiple runs.



GEOVIA CAVE PLANNING MANAGER

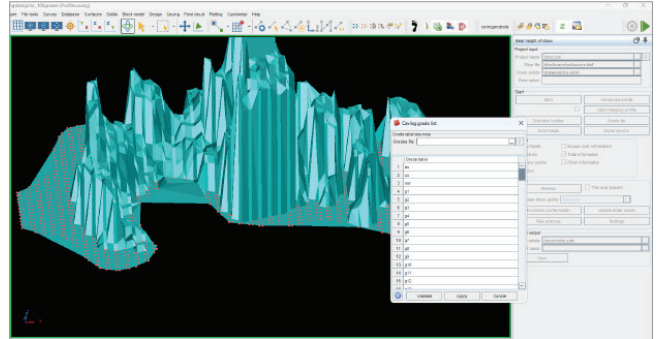
Plot draw circles of a given radius for the selected block caving draw points

Data understanding is enhanced with the **Plot draw circles of a given radius** function for visualizing draw circles of the selected block caving draw points.



Improved handling of slice files with more than 100 grades and managing grade lists

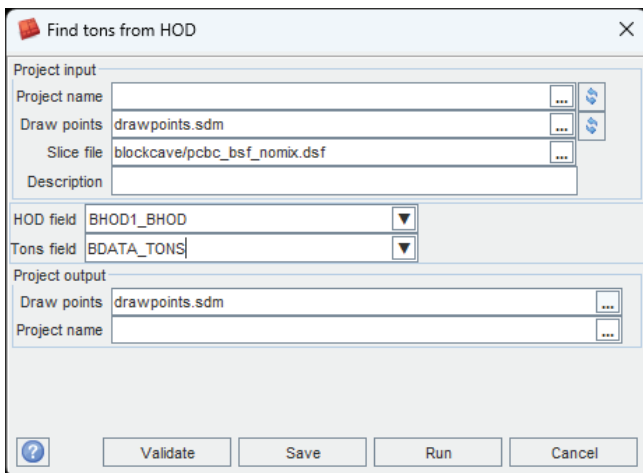
The user experience with slice files has been improved with the introduction of the **Caving grade list** option in block caving functions that use a slice file. The grade list form has the option to load the grade list from any xml caving project file or a slice file that has less than 100 grades.



For the full list of improvements in GEOVIA Surpac 2025 Refresh 1, please refer to the release notes.

Block caving bucket utilities

The bucket utilities has been enhanced with the addition of the **Find HOD from tons** and **Find tons from HOD** functions to generate a draw point attribute or a bucket attribute.



Our 3DEXPERIENCE® platform powers our brand applications, serving 12 industries, and provides a rich portfolio of industry solution experiences.

Dassault Systèmes, the 3DEXPERIENCE® Company, is a catalyst for human progress. We provide business and people with collaborative virtual environments to imagine sustainable innovations. By creating virtual twin experiences of the real world with our 3DEXPERIENCE platform and applications, our customers can redefine the creation, production and life-cycle-management processes of their offer and thus have a meaningful impact to make the world more sustainable. The beauty of the Experience Economy is that it is a human-centered economy for the benefit of all –consumers, patients and citizens. Dassault Systèmes brings value to more than 300,000 customers of all sizes, in all industries, in more than 150 countries. For more information, visit www.3ds.com

