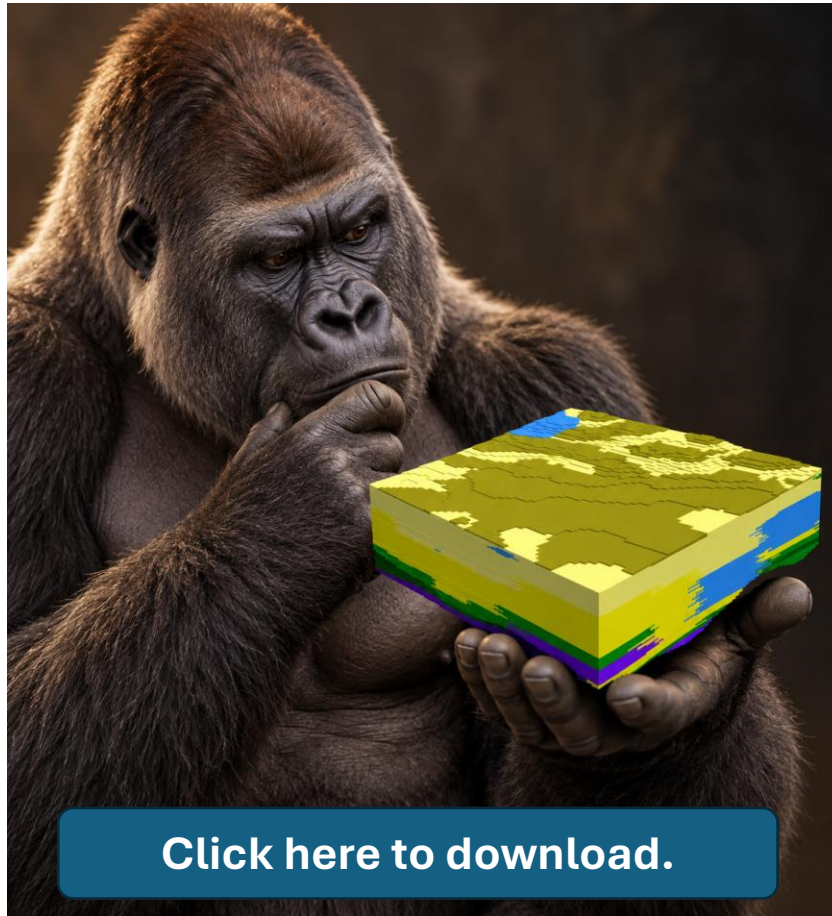


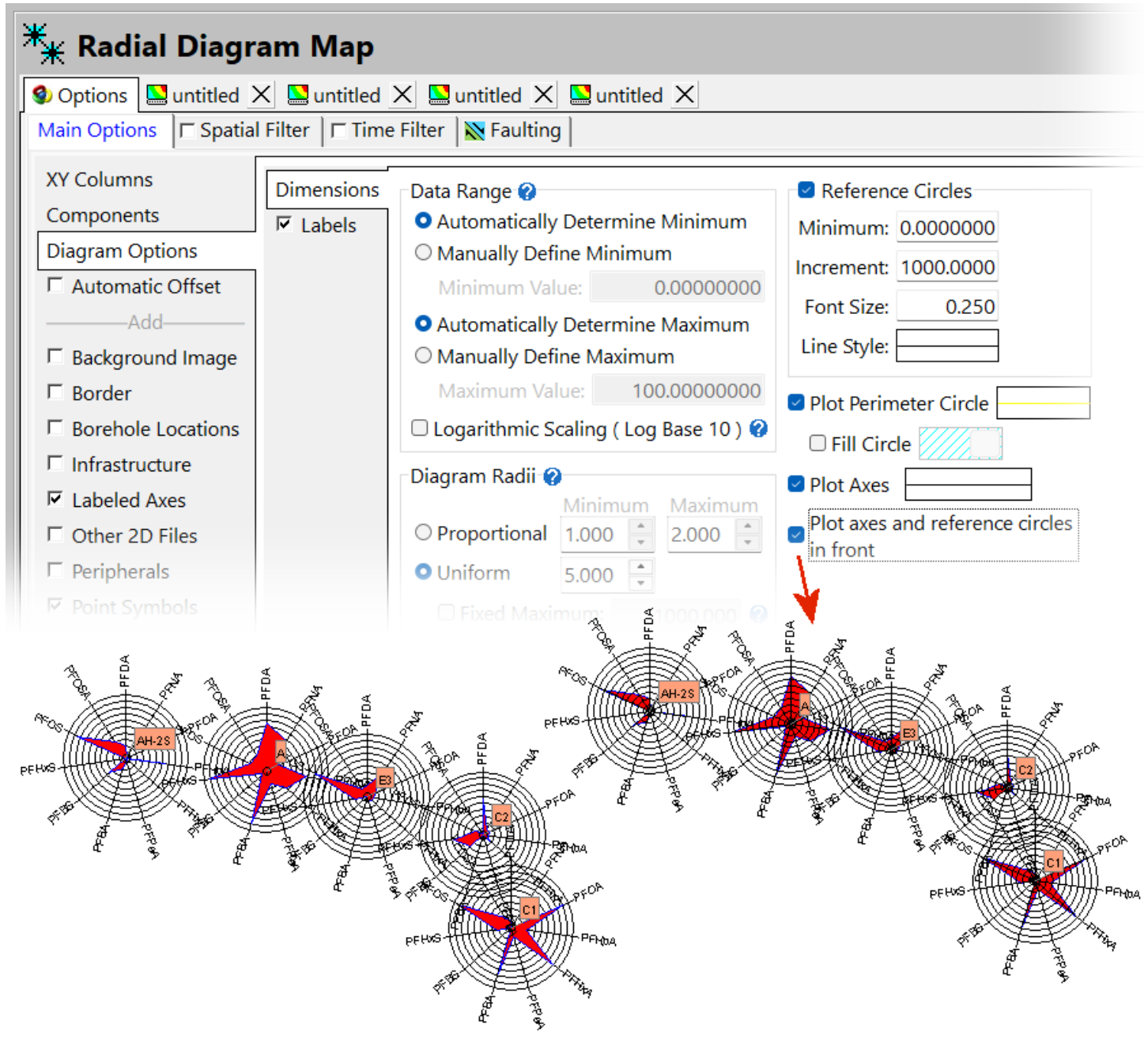
RockWorks Revisions

(Changes made after the 2026.09.17 release.)

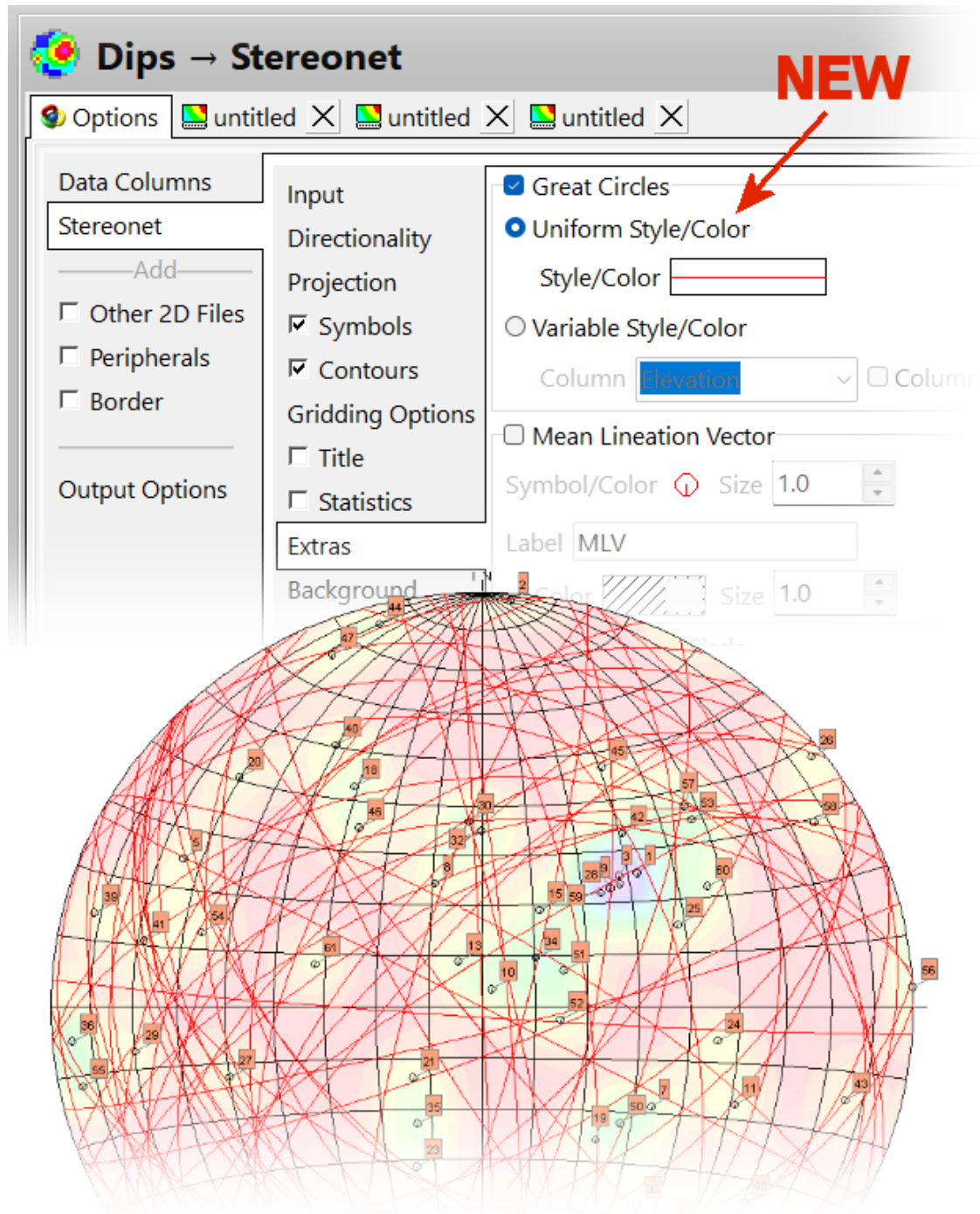


<https://www.rockware.com/support/rockworks-support/rockworks-downloads/rockworks-product-updates/>

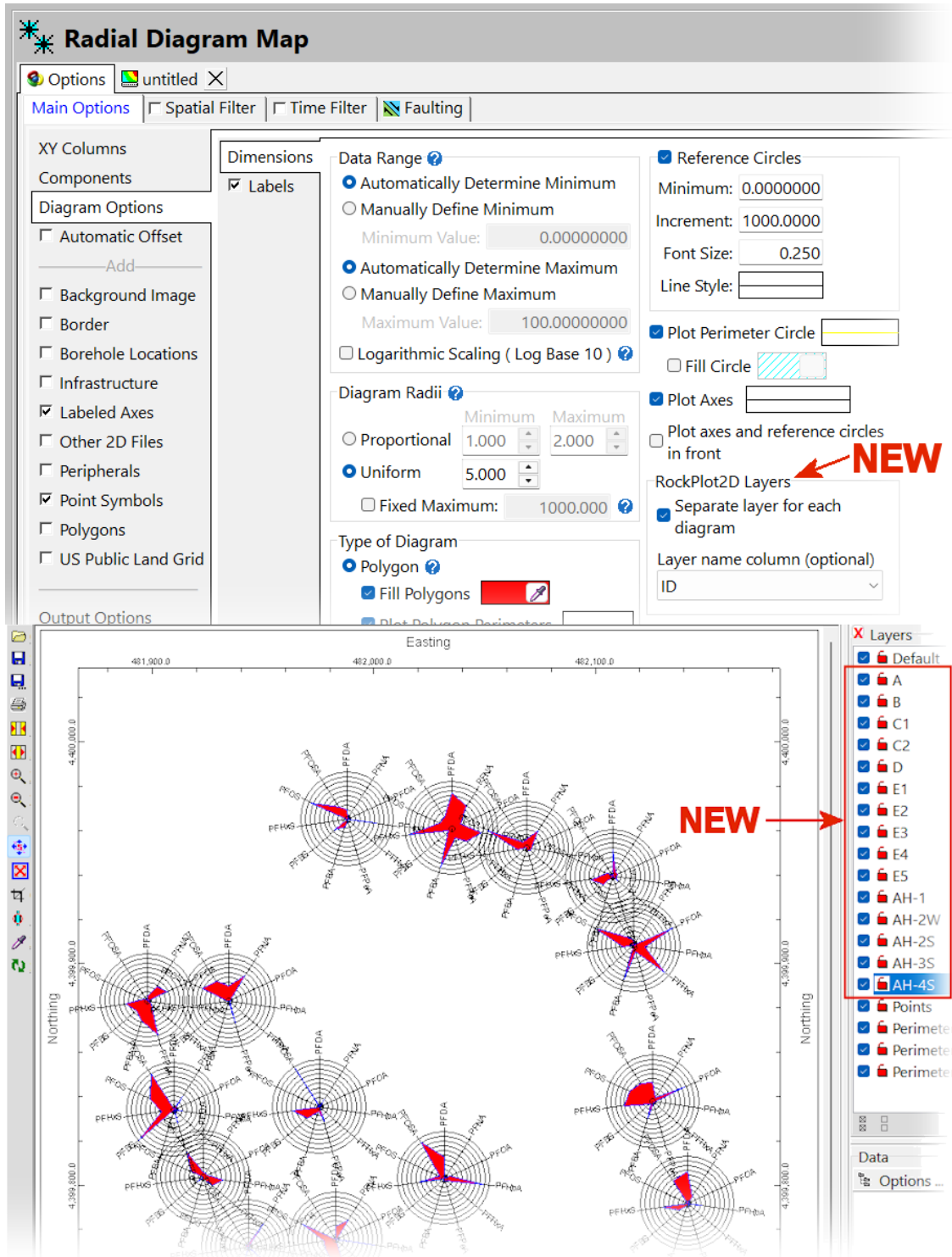
10/05/26: The Utilities / Maps / **Radial Diagrams** program now includes a **“Plot axes and reference circles in front”** option to display axes, reference circles, and their numeric labels above filled diagrams, improving visibility and readability. This makes filled radial diagrams easier to read.



10/05/26: The Utilities | Planes | **Stereonet** now includes an option titled “Column contains **colors only**” under the **Great Circles** → Variable Style/Color heading. This allows great-circle colors to be read from a datasheet Color column while using a uniform line style and thickness. This allows users to distinguish great circles by color without changing their line style or thickness.



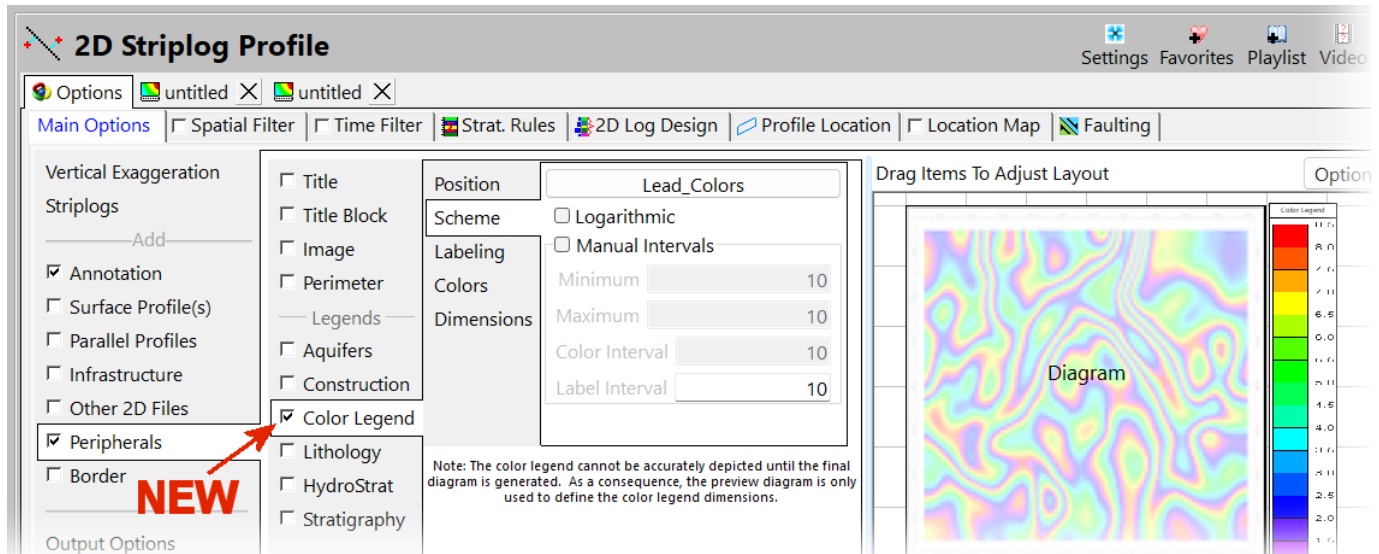
10/05/26: The Utilities / Maps / **Radial Diagrams** program now includes an option to place each radial diagram in a **separate RockPlot2D layer** for independent selection, repositioning, and resizing. Layer names can come from a selected datasheet column, with row-based names used for blank or duplicate entries. This allows users to adjust an individual radial diagram without moving or resizing the others.



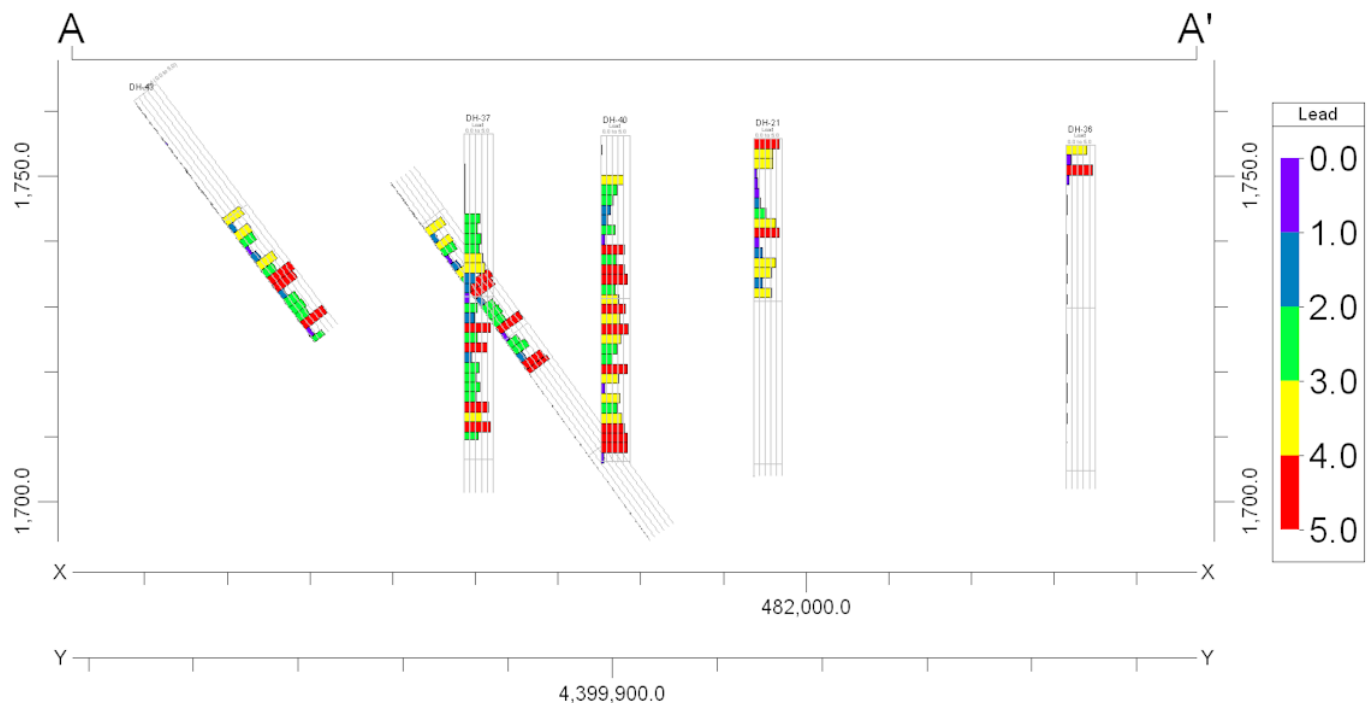
10/05/26: Added a **Color Legend** option to the **Peripherals** menus in the following programs:

- 2D Striplog: Profile, Section, and Projected Section.
- Lithology: Profile, Section, and Projected Section.
- Stratigraphy: Profile, Section, and Projected Section, including both model-based and borehole-based variants.

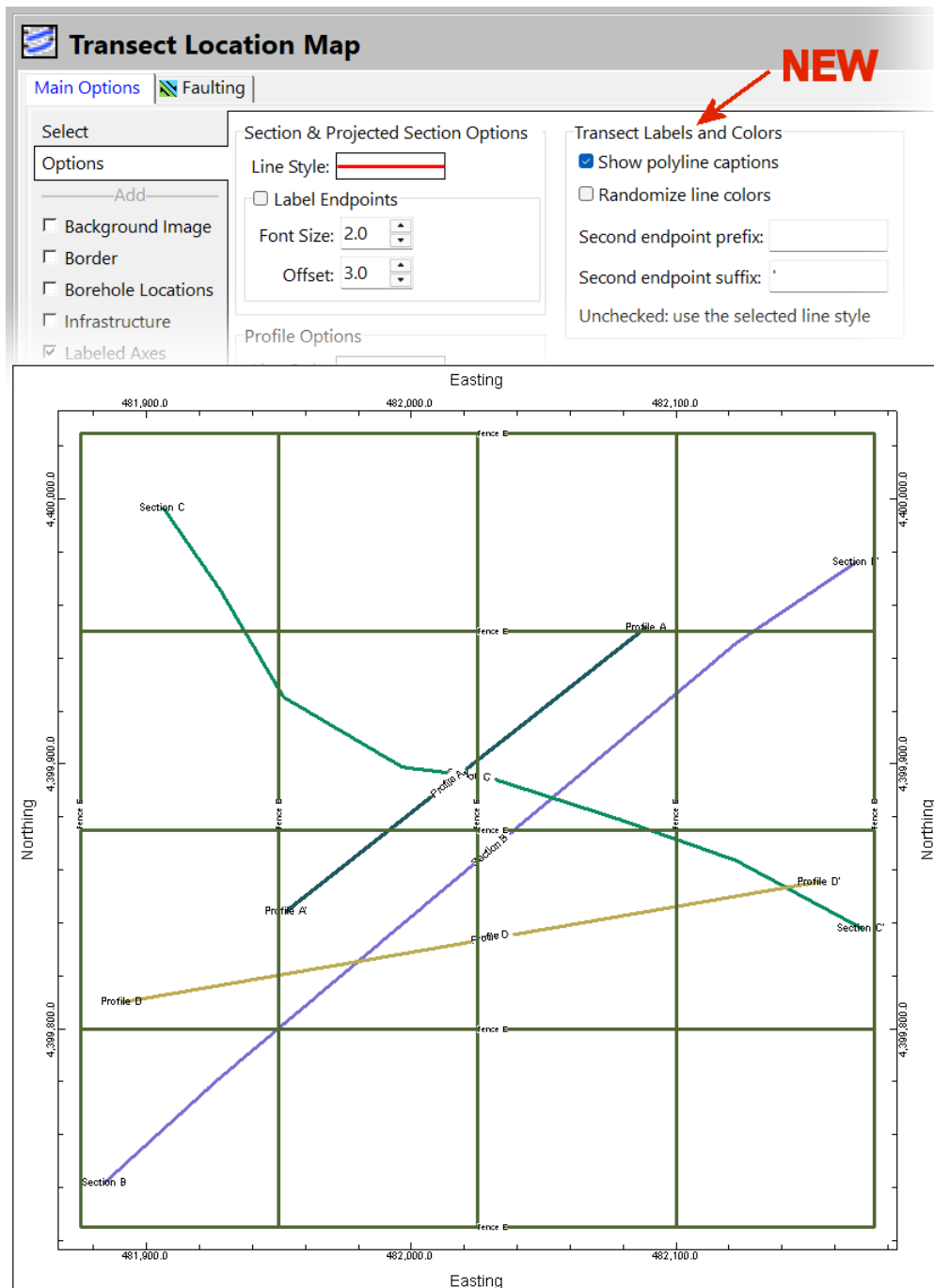
Users can select a custom color table to create a legend matching the colors used in their striplogs, such as I-Data intervals. Options control the legend's position, size, title, labels, background, border, cell outlines, and tick marks. The selected color scheme is saved separately for each program. This helps readers interpret the colors used in the striplogs.



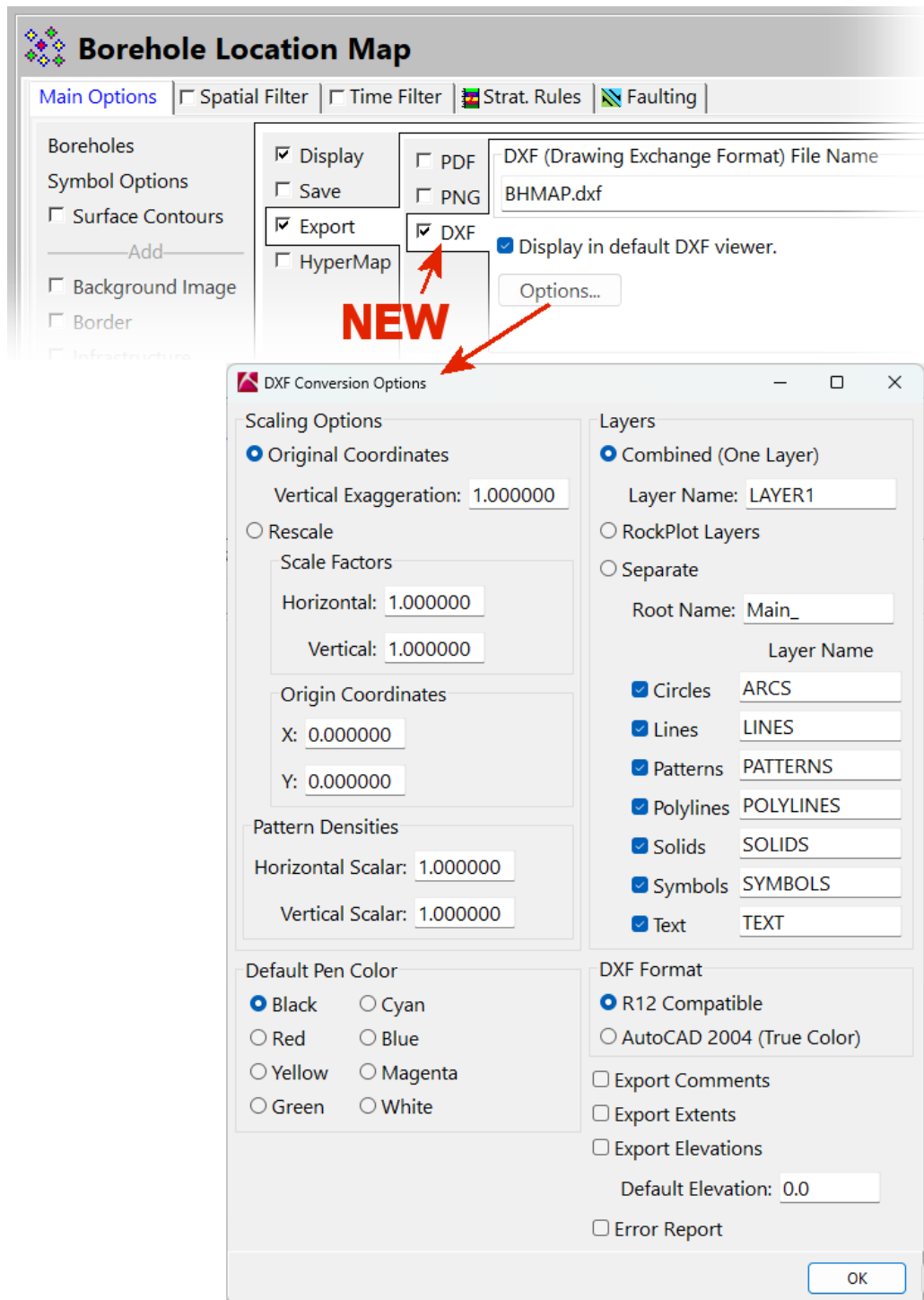
Cross-Section A-A'



10/06/26: The Borehole Operations | Maps | **Transect Location Map** program now includes options to show or hide polyline captions and to assign random colors to transects or use the selected line-style colors. New second-endpoint prefix and suffix fields allow customized endpoint labels, such as A and A'. These controls are available on the Options page. Existing caption, color, and endpoint-label behavior remains the default. This makes transects easier to distinguish and allows endpoint labels to match the section naming conventions used in a project.



10/06/26: Added DXF export alongside PDF and PNG, allowing diagrams to be exported automatically when created. The DXF page includes an output filename, an **Options** button for configuring conversion settings, and a **Display in default DXF viewer** checkbox. Available in programs that use the standard 2D Output Options menu, including Playlist processing. This saves a separate export step when preparing diagrams for CAD, especially when processing multiple diagrams in a Playlist.



10/06/26: Added **polygon-table clipping** for raster images and RockPlot2D maps under Graphics → 2D Tools → Clip. This allows users to limit images and maps to the area of interest.

 **Clip**

NEW

Input File

Clipping Region

Add

☐ Background Image

☐ Border

☐ Borehole Locations

☐ Infrastructure

☒ Labeled Axes

☐ Other 2D Files

☒ Peripherals

☐ Polygons

☐ US Public Land Grid

Clipping Region

☒ Rectangle ☐ Polygon Table

481,860

482,190

4,400,040

4,399,710

X-Minimum

X-Maximum

Y-Maximum

Y-Minimum

Decimals: 0

Get Extents from a Geo-Tiff file

10/06/26: - Added an **Isopach Volume** program to ModOps | Volume for calculating distance-qualified resource and reserve volumes from an isopach grid. This allows users to apply distance qualifications when calculating volumes from an isopach grid.

ModOps

Utilities

Grid

Solid

Volume

Maps

3-D

Earth

Hydrology

Hydrochem

Linears

Plans

Stats

NEW

Triangulation Volumetrics ...

Ore Grid ...

Isopach Volume ...

Thickness → GT Grid ...

Elevations → GT Grid ...

Extract Via Surface Excavation ...

Time-Based Volumetrics ...

Time-Based Mass ...

Isopach Grid → Distance-Qualified Volume Report

Data Columns

Isopach Grid

Distance Qualification

☐ Volume-to-Mass

Report Labels

Output Options

Classification Type

☐ Geologic Resources

☒ Economically Feasible Reserves

Cutoff Distance

Terminology

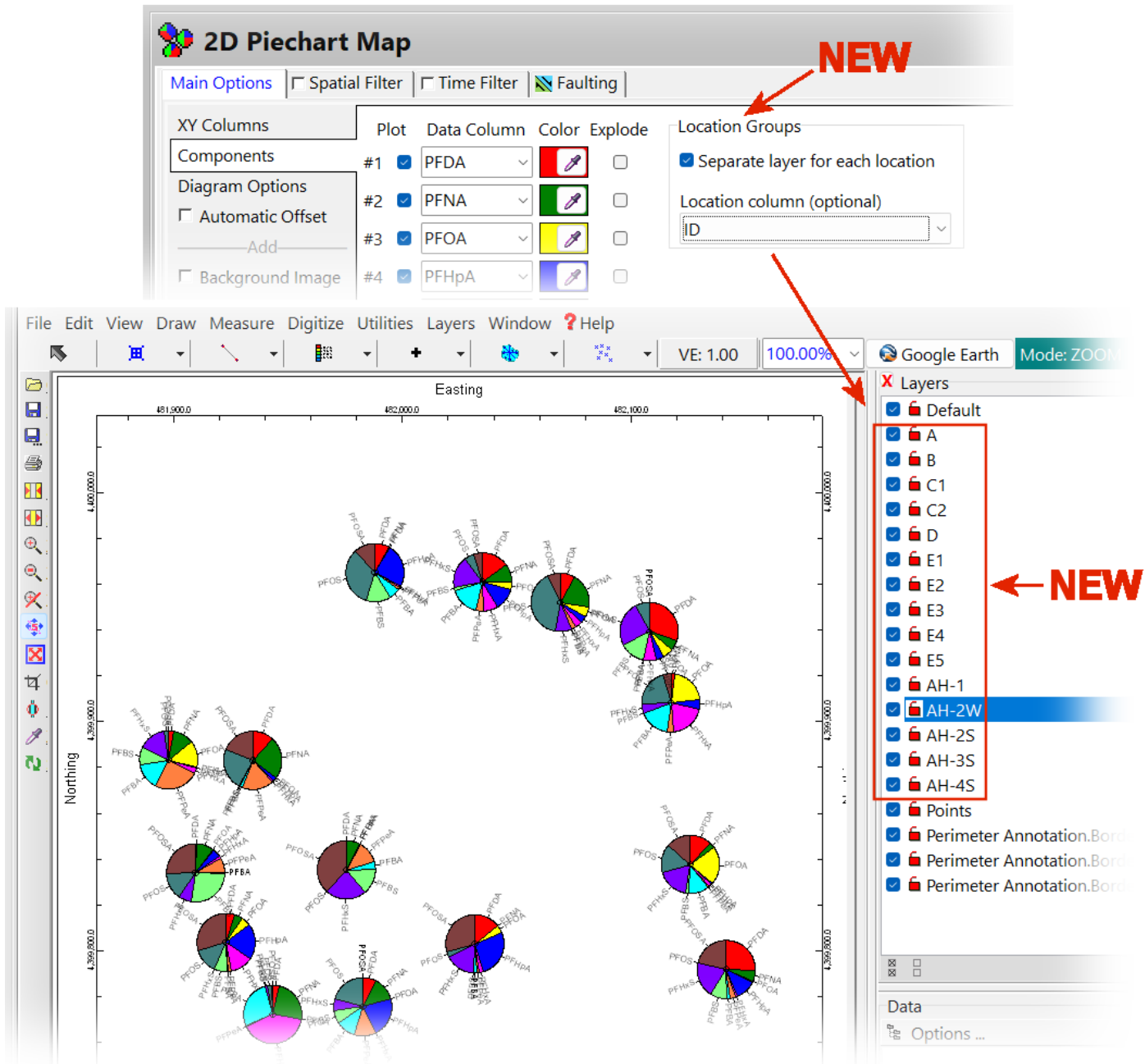
Level 1: 50.0

Measured ▾

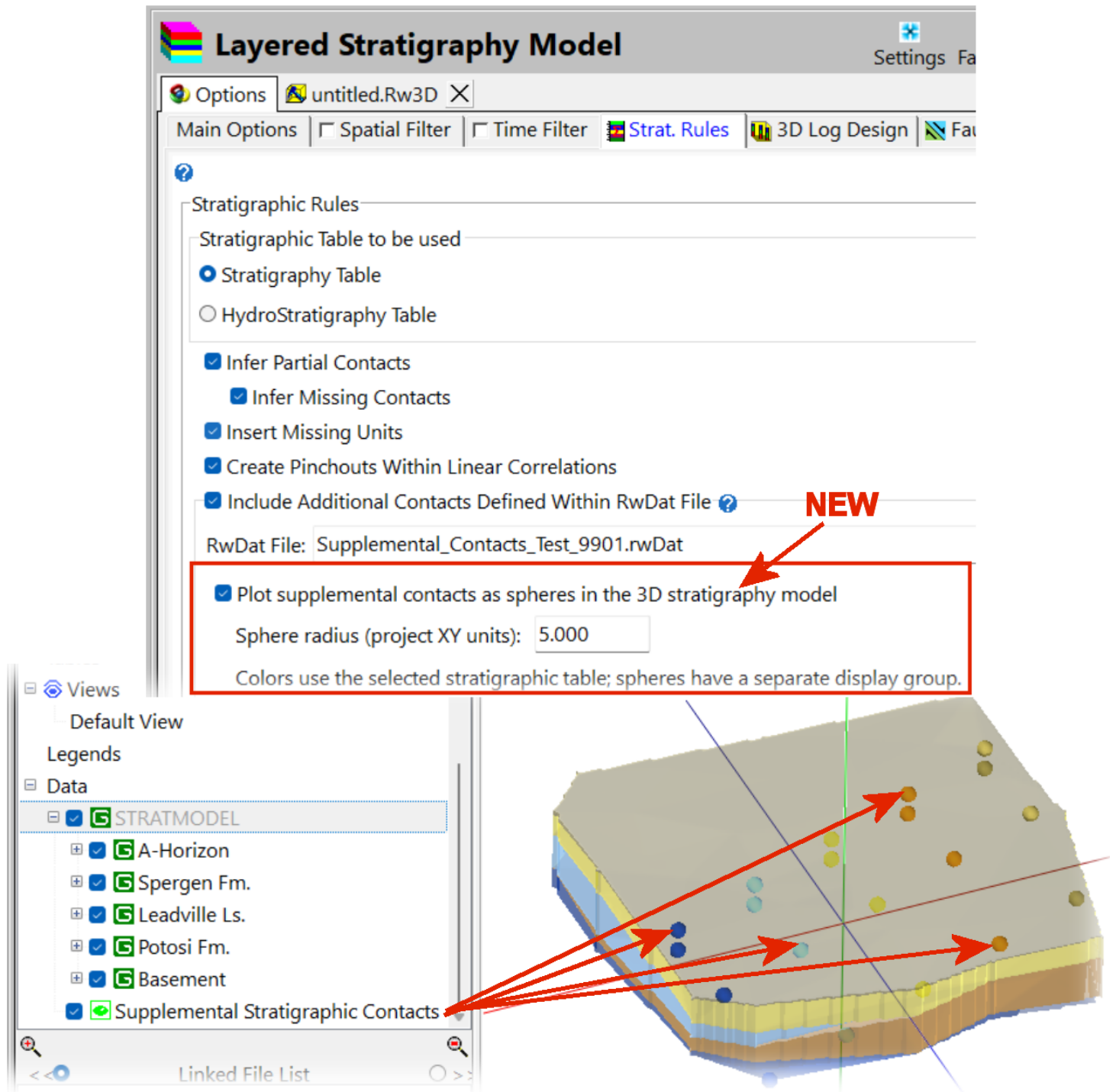
Level 2: 100.0

Indicated ▾

10/06/26: The Utilities | Maps | **Piecharts** program now includes an option to place each location's pie chart in a **separate RockPlot2D layer**. An optional data column supplies the layer names; otherwise, row numbers are used. Locations with matching names share a layer. These layers become separate groups when converted to RockPlot3D, allowing individual locations to be shown or hidden. The new Location Groups controls appear beside the component data columns. This makes it easier to organize charts by location and control which locations are visible in a 3D display.



The Stratigraphy Model program now includes an option within the **Strat. Rules tab** → **Include Additional Contacts Defined Within RwDat File** submenu to display supplemental contacts as spheres in RockPlot3D. Users can specify the sphere radius, and colors match the corresponding units in the selected Stratigraphy or HydroStratigraphy Types table. Both top and base contacts are displayed when provided. The spheres appear in a separate “Supplemental Stratigraphic Contacts” group for convenient showing and hiding. This allows users to visually check how the stratigraphy model relates to the supplemental contact data.



10/08/26: Added **RockPlot3D File → PNG/PDF** to the **Graphics → 3D Tools** menu. The program exports an existing RW3D file to PNG, PDF, or both, with separate output filenames and options to open each result in its default viewer. Both formats share controls for viewpoint, zoom, vertical exaggeration, background color, diagram embellishments, and background trimming. Selecting both formats renders the scene once. The program also supports playlist execution. This simplifies preparation of report images from saved 3D scenes and allows PNG and PDF output to use the same viewing settings.

The screenshot displays the RockWorks Advanced software interface (Version 2026.10.6). The main window shows a 'Datasheet (Supplemental_Stratigraphy)' with columns for Row#, Use, Stratigraphic Unit, Easting, Northing, Top Elevation, Base Elevation, and Top Dip Direction. A context menu is open over the 'Graphics' tab, highlighting the 'RockPlot3D File → PNG/PDF ...' option. A red arrow points to this option with the word 'NEW' in red text.

RockWorks Advanced
Version 2026.10.6

Project Folder: C:\Users\Jim.ROCKWARE\Documents\RockWorks Data\Samples\

Summary | Dimensions | Coordinates | Units | Image | Notes

UTM System | WGS-84 1984 Datum (NAD-83) | 13 Zone | Meters Units | 481,875.0 X Min | 482,175.0 X Max | 4,399,725.0 Y Min | 4,400,025.0 Y Max | 1,650.0 Z Min | 1,770.0 Z Max | 2.0 x 2.0 x 1.0 XYZ Spacing | 151 x 151 x 121 XYZ Nodes | 2,758,921 Total Nodes

Borehole Operations: Maps, Stratigraphy, T-Data, Colors, Striplogs, I-Data, Fractures, Vectors, Lithology, P-Data, Aquifers, Production

ModOps: Grid, Solid, Volume

Utilities: Maps, Hydrology, Planes, Coords, 3-D, Hydrochem, Stats, Widgets, Earth, Linears, Survey, Misc.

Graphics: Embellish, Animate, 2D Tools, Images, 3D Tools, DevStuff

RockPlot3D File → PNG/PDF

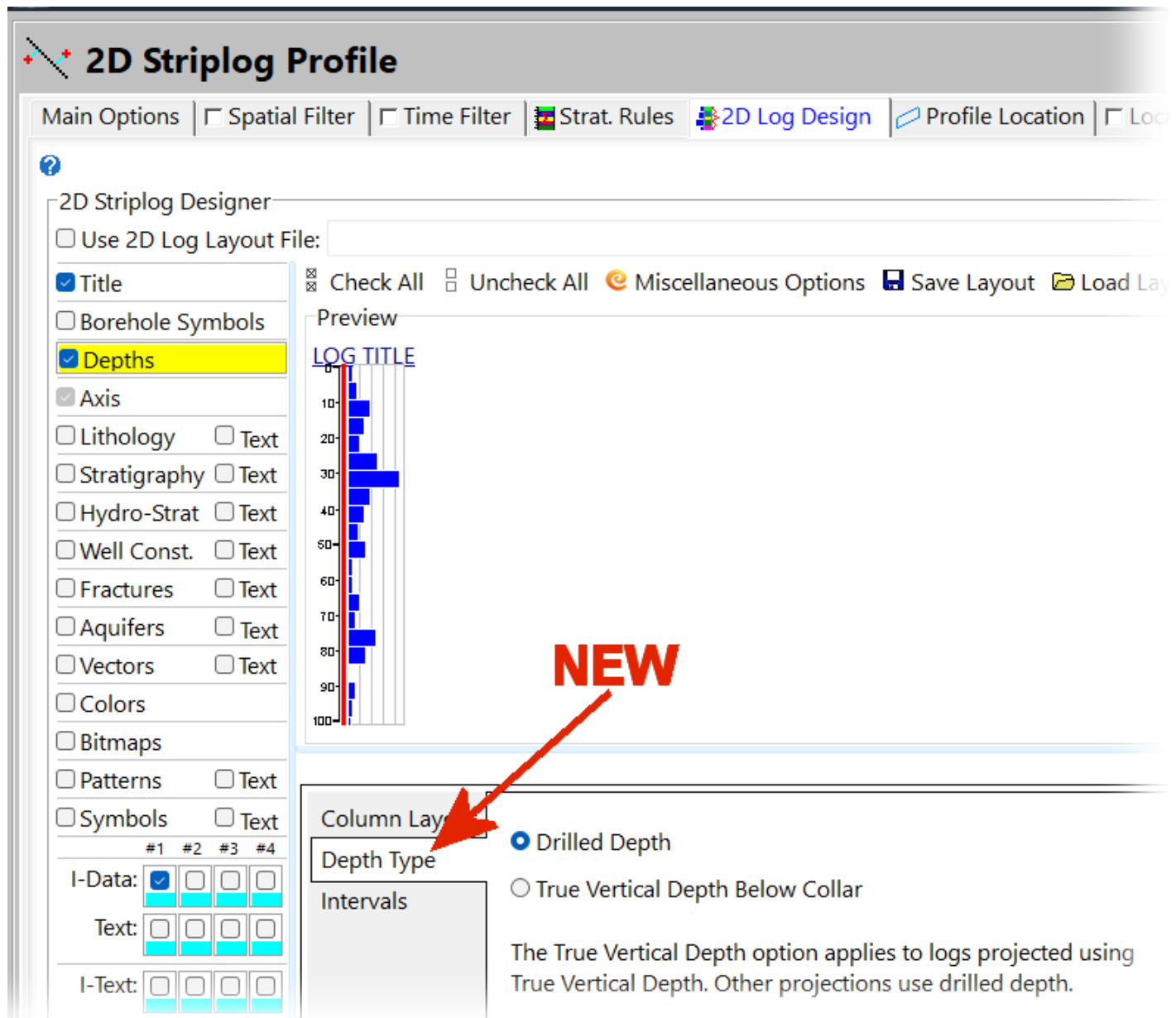
Export an existing RockPlot3D file to PNG and/or PDF using shared rendering controls, optional background trimming, and separate viewer options.

Location: Graphics / 3D Tools / RockPlot3D File → PNG/PDF

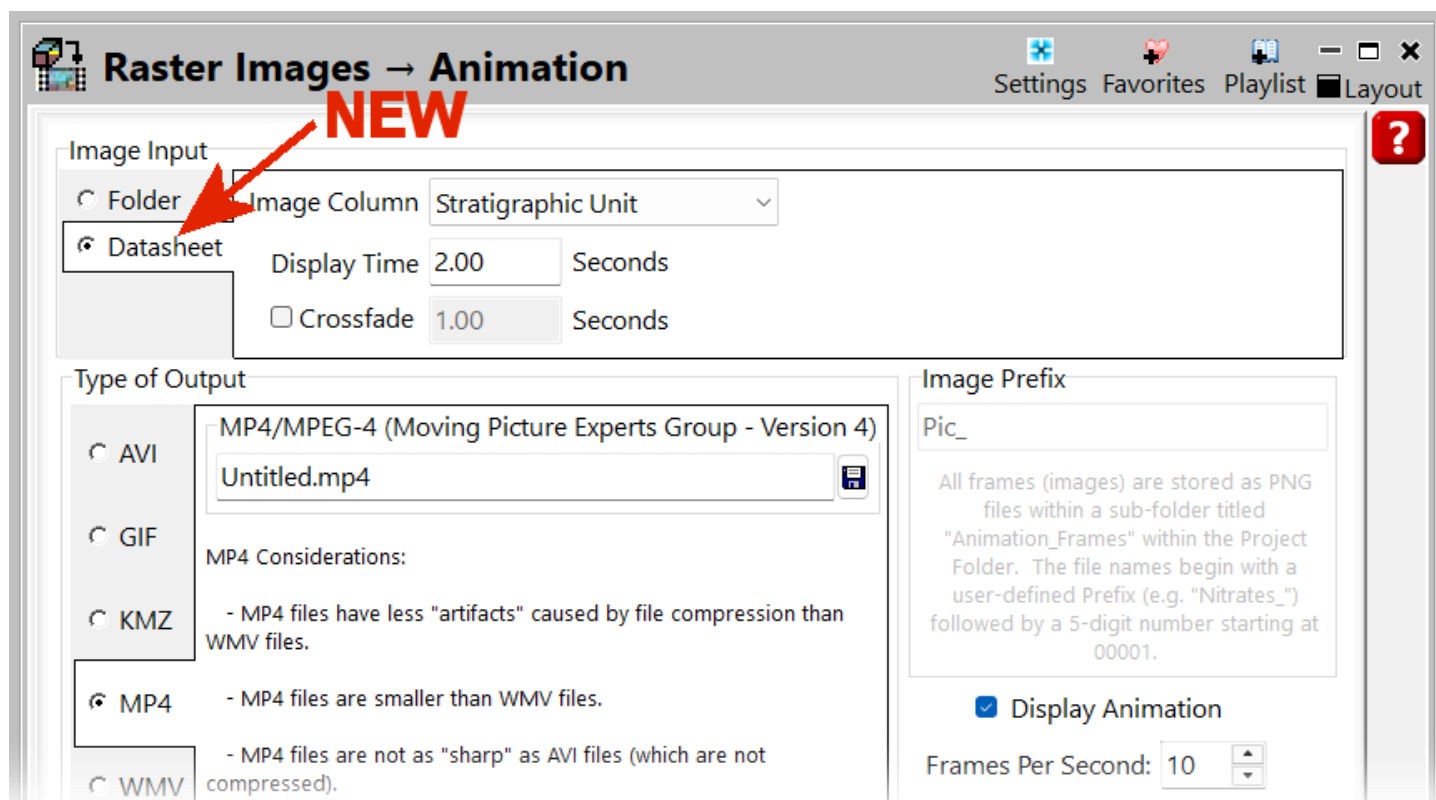
File | Edit | Search | View | Filter | Columns | Rows | Help

Row#	Use	Stratigraphic Unit	Easting	Northing	Top Elevation	Base Elevation	Top Dip Direction
			UTM Meters	UTM Meters	Meters	Meters	
1	☒	Leadville Ls.	482,133.4	4,399,989.5	1,670.5	1,660.5	
2	☒	Leadville Ls.	481,880.6	4,399,989.9	1,753.9		
3	☒	Leadville Ls.	482,078.9	4,399,808.9	1,671.8		
4	☒	Leadville Ls.	481,981.3	4,399,820.5		1,736.5	
5	☒	Spergen Fm.	482,119.3	4,399,892.7	1,708.8		
6	☒	Spergen Fm.	481,878.6	4,399,761.2		1,751.4	
7	☒	Spergen Fm.	481,880.4	4,399,892.2	1,661.3	1,651.3	
8	☒	Spergen Fm.	481,897.2	4,399,829.1	1,734.1		
9	☒	Spergen Fm.	481,992.9	4,399,988.7	1,693.7		
10	☒	Spergen Fm.	482,168.0	4,399,863.6		1,738.3	
11	☒	A-Horizon	481,898.9	4,399,804.2		1,640.6	135 15
12	☒	A-Horizon	482,156.8	4,399,827.5		1,731.6	
13	☒	A-Horizon	481,981.1	4,399,862.5	1,696.9		
14	☐	Potosi Fm.	481,936.7	4,399,990.4	1,695.3	1,685.3	

10/08/26: Added a **Depth Type** option to the **2D Log Design** → **Depth Bar** submenu. When using True Vertical Depth projection, users can label the depth bar with either drilled depth or true vertical depth below the borehole collar. Drilled depth remains the default for compatibility with existing settings. This allows the depth labels to suit the way a deviated borehole is being interpreted.

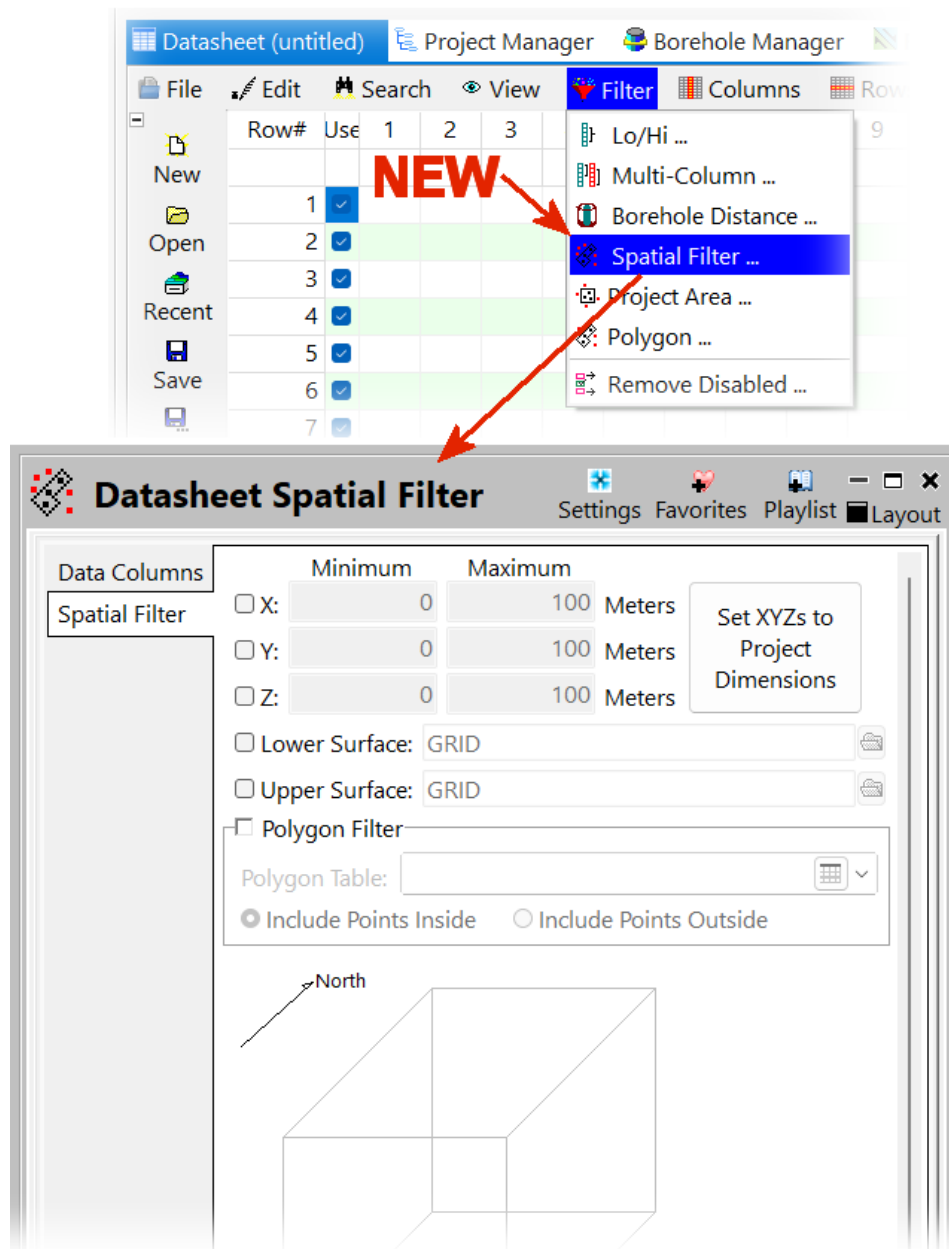


10/09/26: The **Graphics → Animate → Images → Animation** program now includes a **Datasheet** option. This allows users to select a column containing image filenames, set the display time per image, and optionally add crossfade transitions with an adjustable duration. Enabled rows are processed in order, blank cells are skipped, and images of different sizes are fitted to a common frame without stretching. The existing Animation_Frames folder input remains available and is selected by default. This makes it easier to create animations from a selected image list and control their timing and transitions.



10/11/26: A new **Spatial Filter** option has been added to the Datasheet | Filters pulldown menu. This program enables or disables datasheet rows using selected X/Y coordinates and optional Z values, coordinate limits, polygon boundaries, and/or upper/lower surface filters. This allows users to focus processing on data within a selected area or volume.

Consequently, the Datasheet | Filter | Polygon option has been removed due to its redundancy with this new program. Legacy playlists containing the Datasheet Polygon Filter are automatically updated when opened to use the new **Datasheet Spatial Filter**. The conversion preserves the X/Y columns, polygon table, and inside/outside selection. Already-disabled rows and rows with invalid coordinates remain unchanged, and unrelated spatial filters are turned off to preserve the original results.



10/11/26: Added new **drag-and-drop** capabilities to the following programs:

RockPlot2D

- DXF
- Raster Image (BMP, JPEG, PNG, TIFF)
- ESRI Shape Files

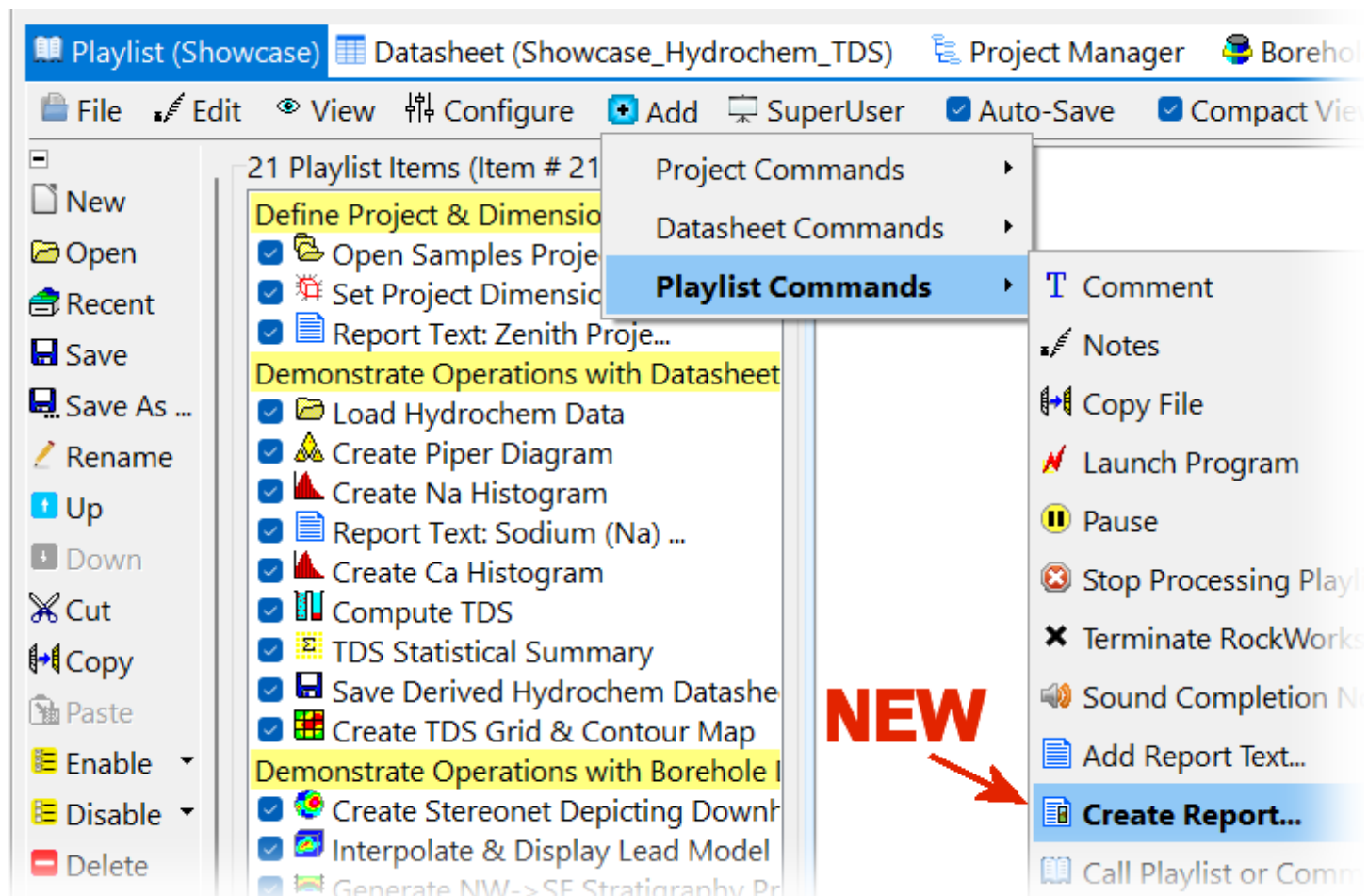
RockPlot3D

- DXF

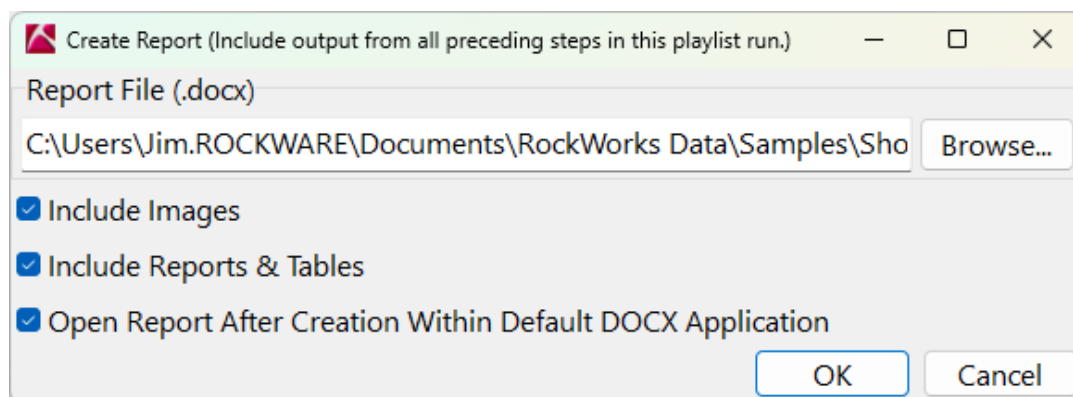
In addition:

- Imports use the existing import options with dropped filenames preselected.
 - Users can replace the current diagram, append files, or open multiple files separately.
 - Added safeguards to preserve existing diagrams when imports fail or are canceled.
 - Imported content is marked as unsaved.
-

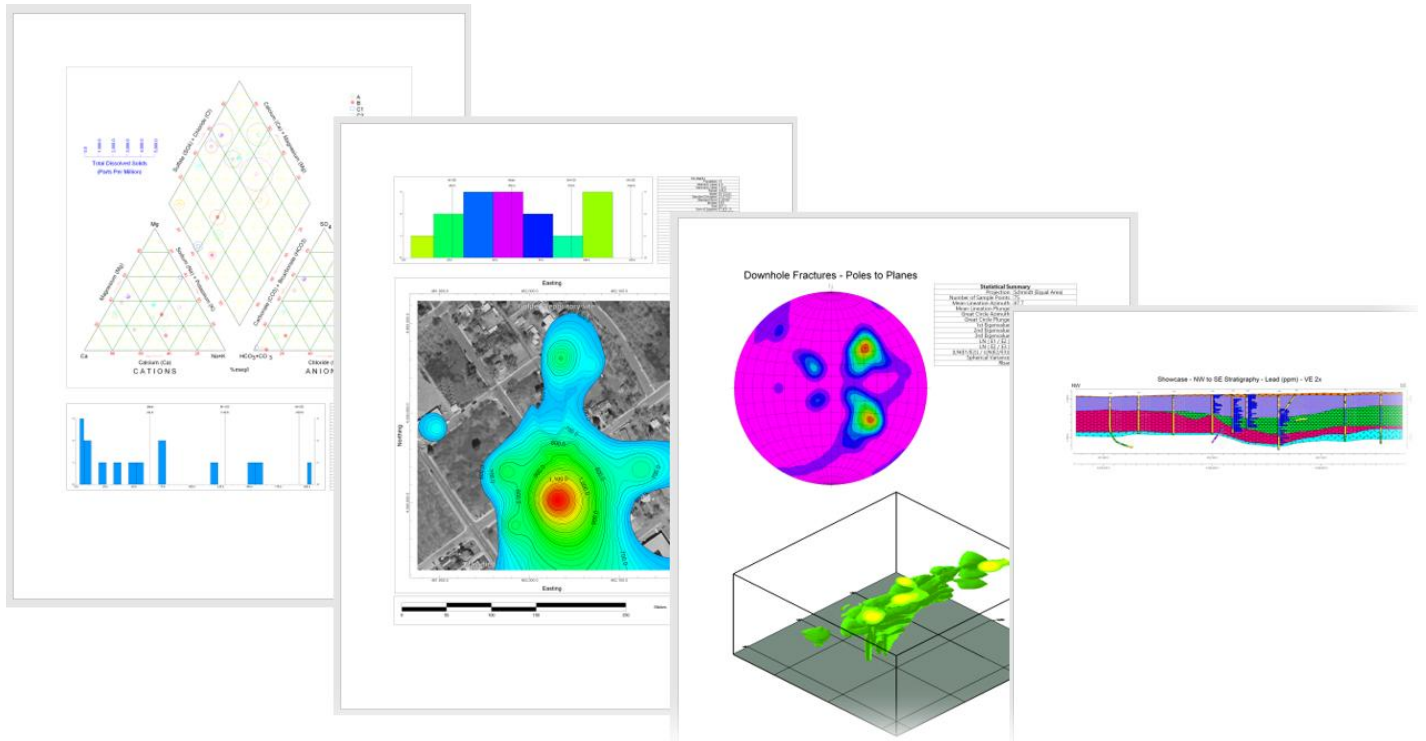
10/12/26: A new item titled **“Create Report”** has been added to the Playlist | Add | Playlist Commands pulldown menu. Adding this command to the end of a RockWorks Playlist will create a DOCX (Microsoft Word) file that contains any images and/or text output (e.g., tables) that were generated within the previous Playlist commands. This reduces the work of collecting and inserting Playlist output into a report.



The Create Report menu allows the user to specify where the report will be stored, what will be included within the report, and whether or not the report will be automatically loaded into the program (e.g., Microsoft Word) that is associated with DOCX output files.

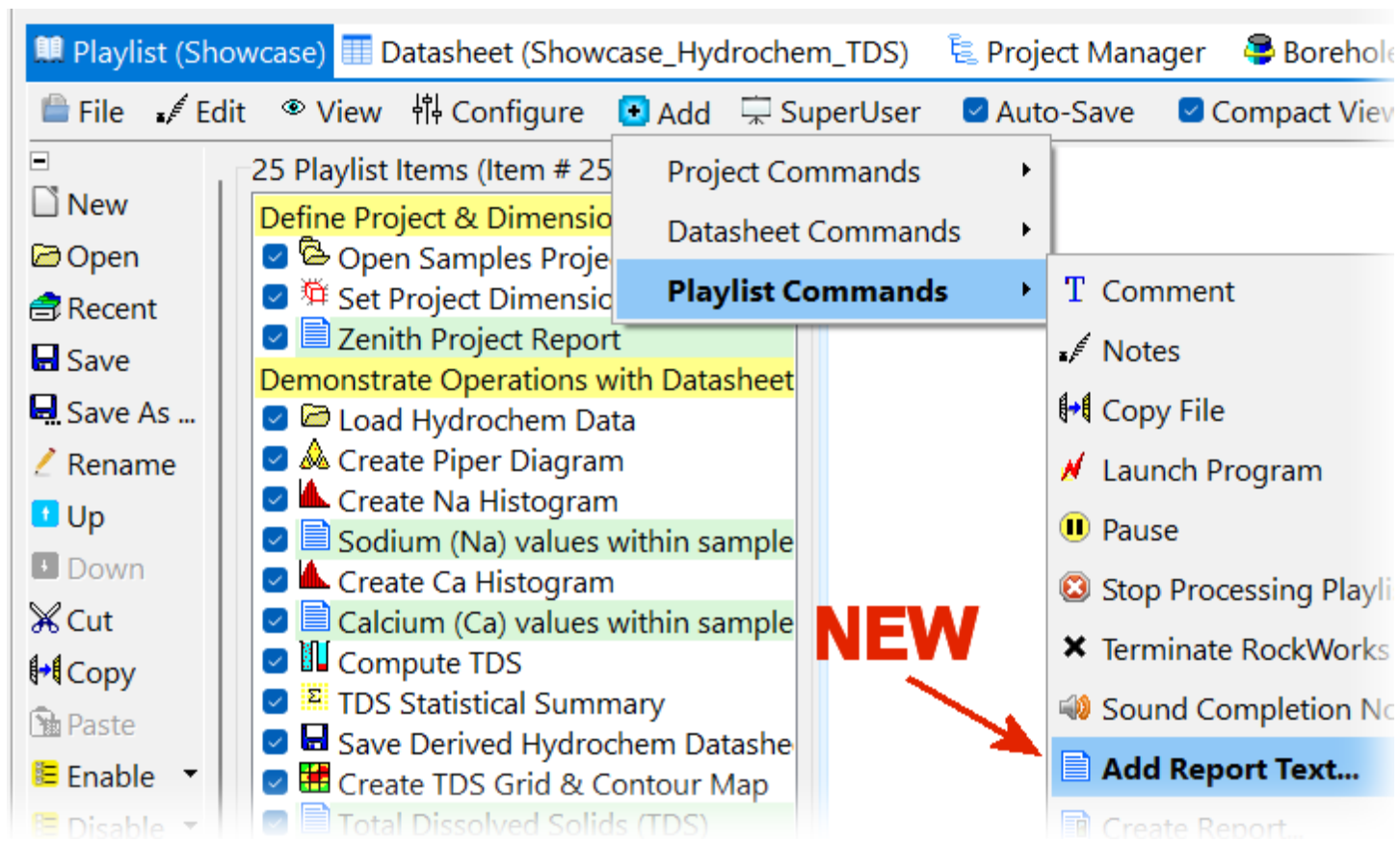


As an example, the Playlist shown above was used to create the Word file depicted below.

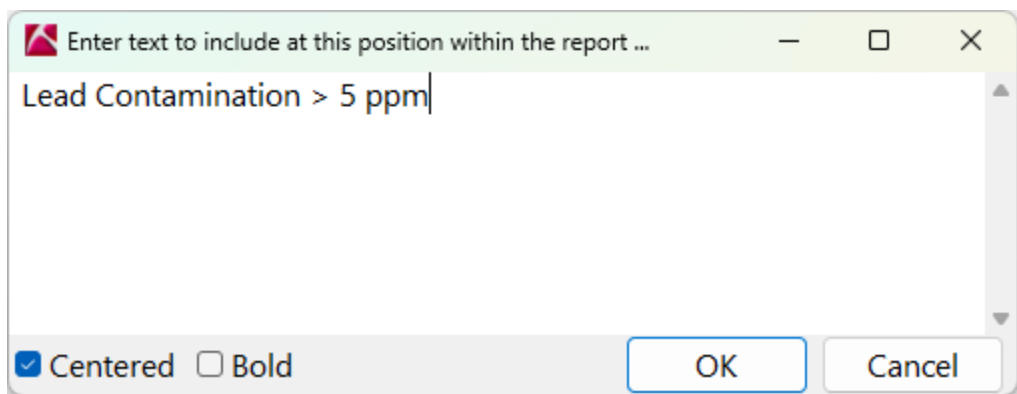


Video Link: rockware.com/support/knowledge_base/Creating_Playlist_Reports_01.mp4

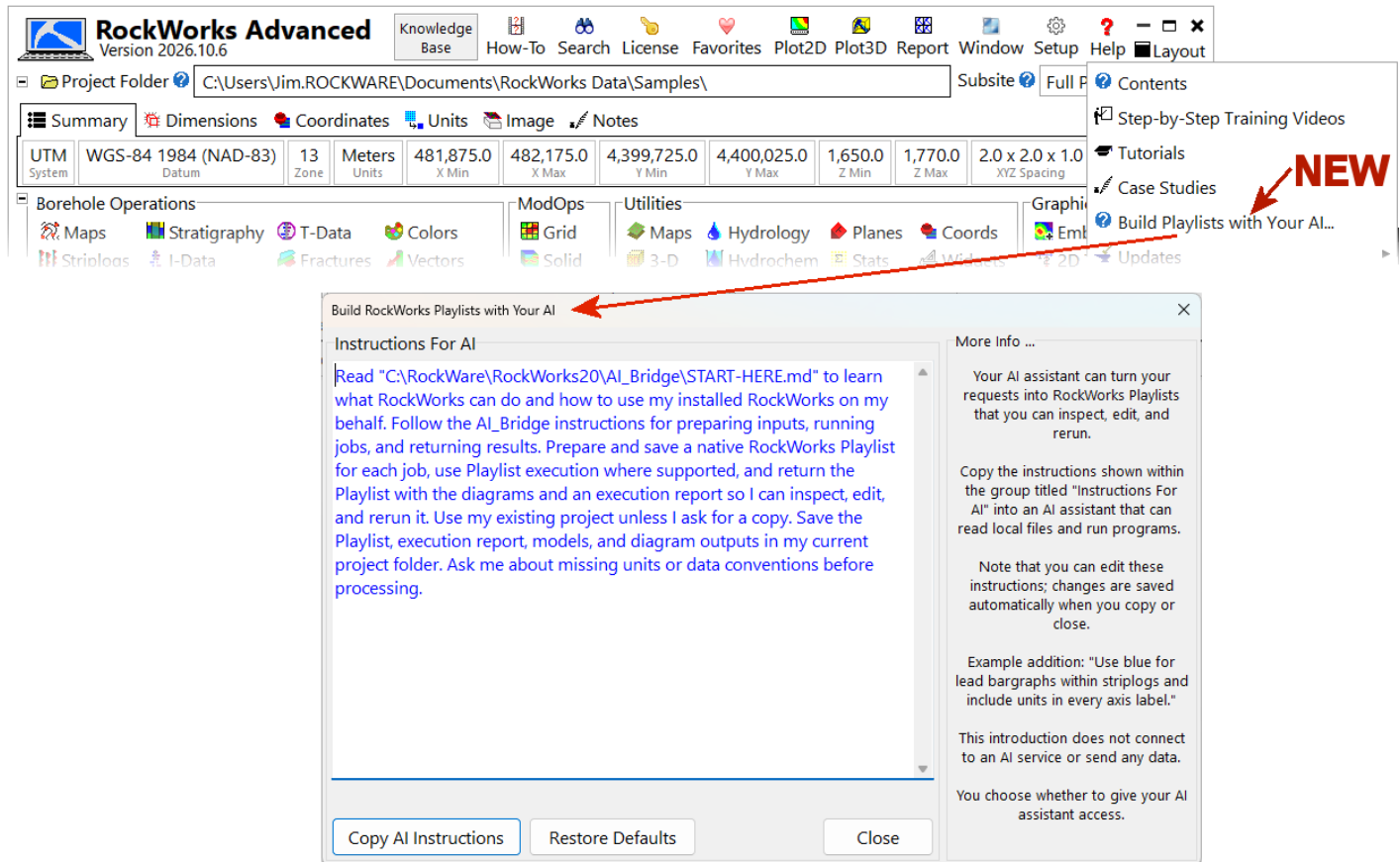
10/12/26: A new item titled “**Add Report Text**” has been added to the Playlist | Add | Playlist Commands pulldown menu.



This command is used for inserting custom headings, captions, and commentary into generated DOCX reports. Text supports bold and centered formatting. Report Text items appear with a light green background, shortened text previews, and full-text hover hints.



10/12/26: A new item titled “**Introduce RockWorks to Your AI**” has been added to the main help pulldown menu. Clicking on this option will generate a block of text that you can copy and paste into your AI so that it will become “aware” of what RockWorks can do and assist you in using it. This provides the AI assistant with RockWorks context to help it offer more relevant guidance.



For example, after pasting the RockWorks introduction into your AI, give it a request like this:

“Use my current Samples project to build a RockWorks Playlist that:

- 1. Creates a stratigraphic profile from the northwest corner of the project to the southeast corner, using inverse-distance interpolation.*
- 2. Superimposes nearby borehole striplogs showing lithology and blue bargraphs of lead concentrations. Lead is measured in ppm. Use 2× vertical exaggeration.*
- 3. Creates a stereonet of the downhole fractures, with colored density contours.*
- 4. Saves PNG images of both diagrams.*
- 5. Exports those images to a Word document.*

*Save the Playlist as **Example.RwPlaylist** and all outputs in the current project folder. Use my existing project. Build and save the Playlist first, describe what it will do, and let me review it before running it. Ask about any missing data conventions.”*

The AI should return a native Playlist that you can open, inspect, edit, and run in RockWorks.

Note that you can then refine the playlist conversationally. For example, you could tell the AI to;

“Change the profile to southwest–northeast, use RBF interpolation, and make the lead bargraphs green. Save the revised Playlist.”

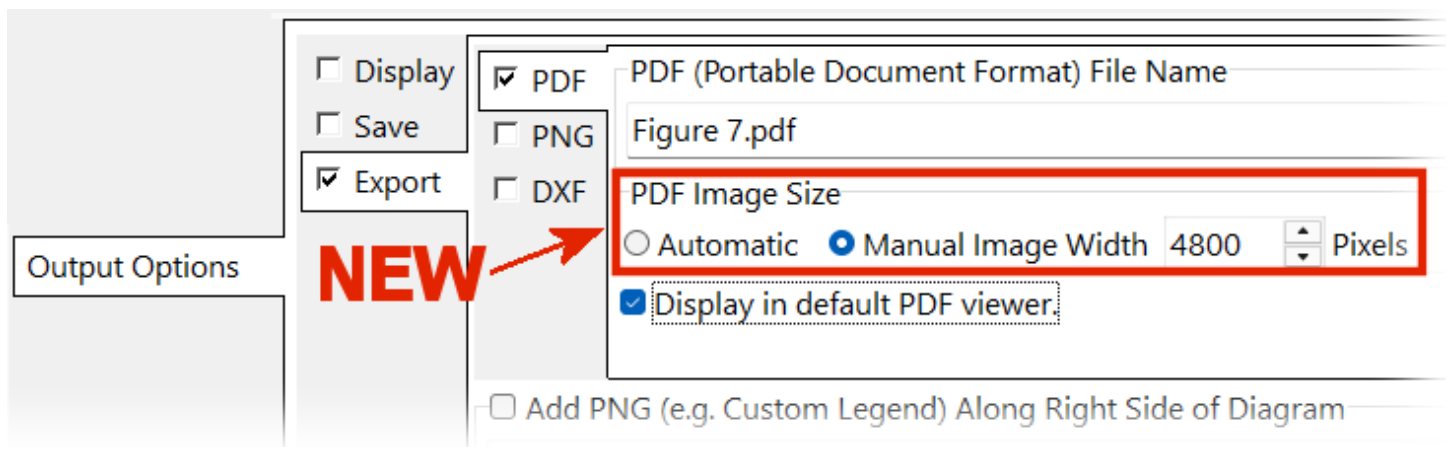
The RockWorks AI_Bridge lets your own AI assistant turn plain-language requests into editable RockWorks Playlists. RockWorks performs the calculations and generates the models and diagrams. You can inspect, adjust, and rerun the Playlist, then assemble its exported images into a Word document for further editing.

The AI_Bridge does not embed an AI in RockWorks. It is a collection of local documentation and examples that you choose whether to share with an external AI assistant. Installing it does not activate an AI service, upload project data, or grant an assistant access to your computer. RockWorks remains usable without AI. If you choose to use the bridge, your organization controls which assistant is permitted and what files or execution permissions it receives. Data handling depends on that assistant and its configuration; AI_Bridge does not change your organization’s security requirements.

Video Link: rockware.com/support/knowledge_base/The_AI_Bridge.mp4

10/17/26: When saving a **2D diagram as a PDF**, it is now possible to control the size of the diagram.

- The **Automatic** setting preserves the previous sizing behavior by adjusting the image resolution until the width falls between 2,400 and 4,800 pixels. The height is then calculated from the diagram’s proportions and vertical exaggeration. The starting calculation also uses your screen dimensions, so it doesn’t select one fixed width or analyze the diagram’s detail.
- **Manual Image Width** gives you a predictable pixel width; the height is still calculated automatically. Note that larger images use more memory.



10/22/26: Added an optional total-depth label under **2D Log Design** → **Depth** → **Total Depth**. The label appears below the borehole, starting at the Depth column, with a customizable prefix such as “TD =”. It follows the selected depth type, units, font, and decimal settings. Labels are omitted when clipping hides the actual borehole bottom.

2D Striplog Designer

☐ Use 2D Log Layout File:

☒ Title

☐ Borehole Symbols

☒ Depths

☐ Axis

☒ Lithology ☐ Text

☐ Stratigraph ☐ Text

☐ Hydro-Stra ☐ Text

☐ Well Const ☐ Text

☐ Fractures ☐ Text

☐ Aquifers ☐ Text

☐ Vectors ☐ Text

☐ Colors

☐ Bitmaps

☐ Patterns ☐ Text

☐ Symbols ☐ Text

#1 #2 #3 #

I-Data: ☐ ☐ ☐ ☐

Text: ☐ ☐ ☐ ☐

I-Text: ☐ ☐ ☐ ☐

T-Data: ☐ ☐ ☐ ☐

☒ Check All ☐ Uncheck All ☒ Miscellaneous Options ☐ Save Layout ☐ Load Layout

Preview

LOG TITLE

20.0

30.0

40.0

50.0

TD = 56.3

NEW

Column Layout

Depth Type

☒ Label Total Depth Below Log

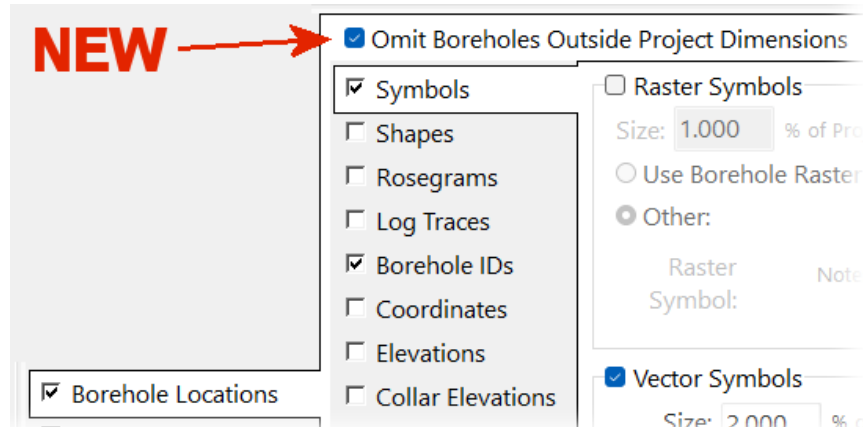
Total Depth

Prefix: TD =

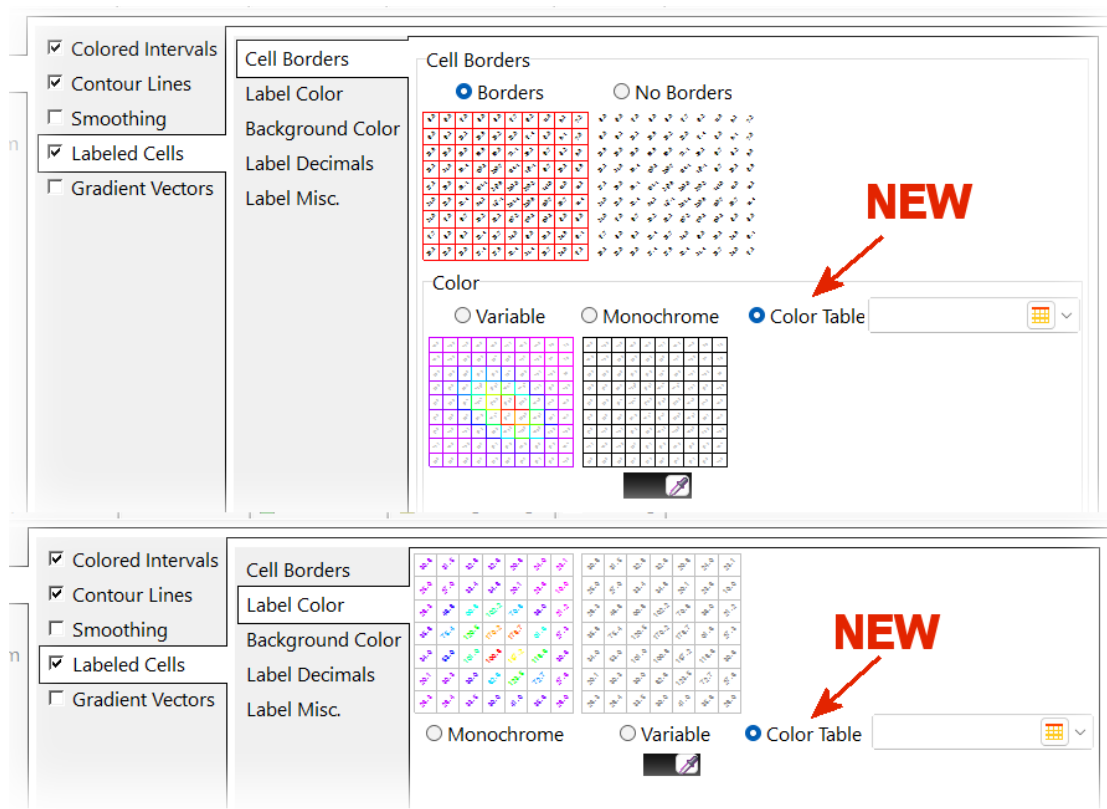
Intervals

Uses the Depth column font, units, decimals, and selected depth type. The label starts at the Depth column below the actual borehole bottom. It is omitted when clipping hides that bottom. The elevation-label option does not change this depth value.

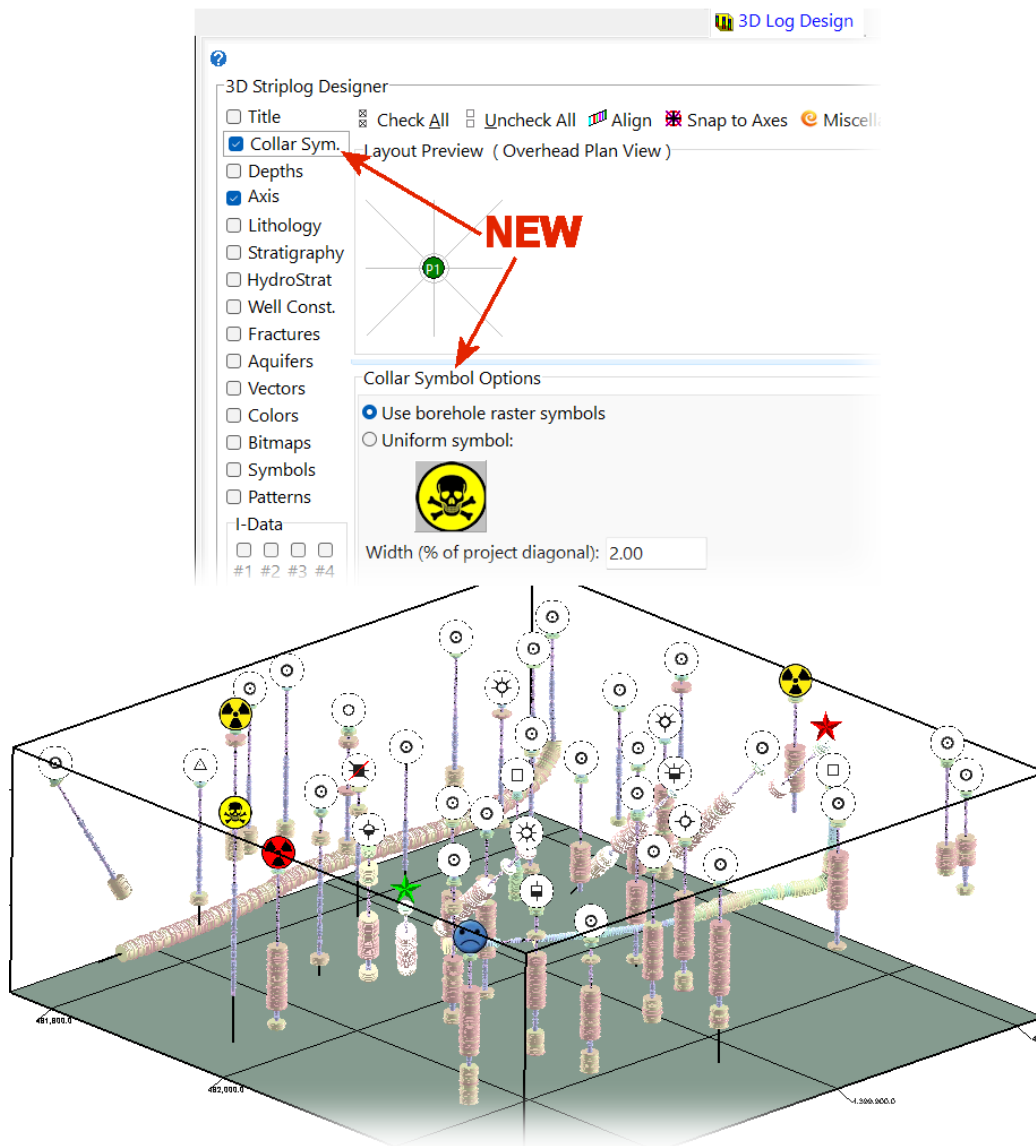
10/22/26: Added **Omit Boreholes Outside Project Dimensions** to the **Borehole Locations** menu. This optional setting hides map symbols, labels, shapes, rosegrams, and log traces for boreholes whose collars lie outside the active project or subsite dimensions. Boreholes remain enabled and available for modeling. Boreholes on the boundary remain visible, and HyperMap links follow the same display selection.



10/22/26: Added **Color Table** options for **Labeled Cells** labels and borders. Each can now use an independently selected minimum/maximum color table to assign colors based on grid values. Values outside the table ranges use the selected monochrome color. Existing Monochrome and Variable modes remain available.



10/11/26: Added **Collar Symbol** options beneath **Title** in 3D Log Design. Ground-level markers support borehole-assigned or uniform raster symbols with adjustable size. All symbols appear at the collar and remain facing the viewer as the diagram rotates.

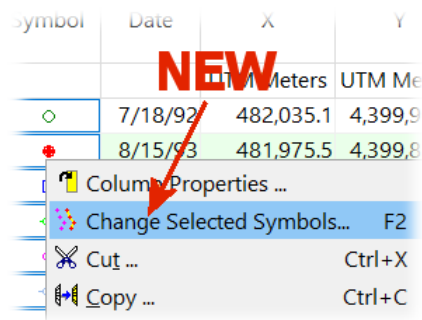


10/23/16: Added **Include Nitrate** controls to **Piper, Durov, Schoeller, Stiff diagrams and maps, TDS, Ion Balance, and Ion Report**. Select a nitrate column and specify whether mg/L concentrations are reported as nitrate (**NO₃**) or nitrogen (**NO₃-N**); the appropriate conversion is applied automatically. Inputs already in mEq/L are used directly.

- **Piper:** Combines nitrate with chloride in the anion triangle and central diamond, with updated axis labels.
- **Durov:** Offers an optional **Cl + NO₃** setting, updating the anion triangle, central plot, and labels.
- **Schoeller:** Adds a separate nitrate axis.
- **Stiff diagrams and maps:** Adds a separate labeled nitrate point.
- **TDS and Ion Balance:** Includes nitrate in the calculated totals.
- **Ion Report:** Adds nitrate concentration ranges.

The compact checkbox group dims inactive controls, displays the current nitrate input units beside the column selector, and refreshes its column list with the other ion selectors. Duplicate nitrate selections under Additional Anions are detected to prevent double counting. New options default off, preserving existing configurations and Playlists.

10/24/26: Added **bulk editing of raster and vector symbols** in the datasheet. Highlight cells and press F2 to apply one symbol selection throughout the range, including vector-symbol color. Only columns of the matching symbol type are changed; other data and headings are preserved. Cancel leaves cells unchanged.

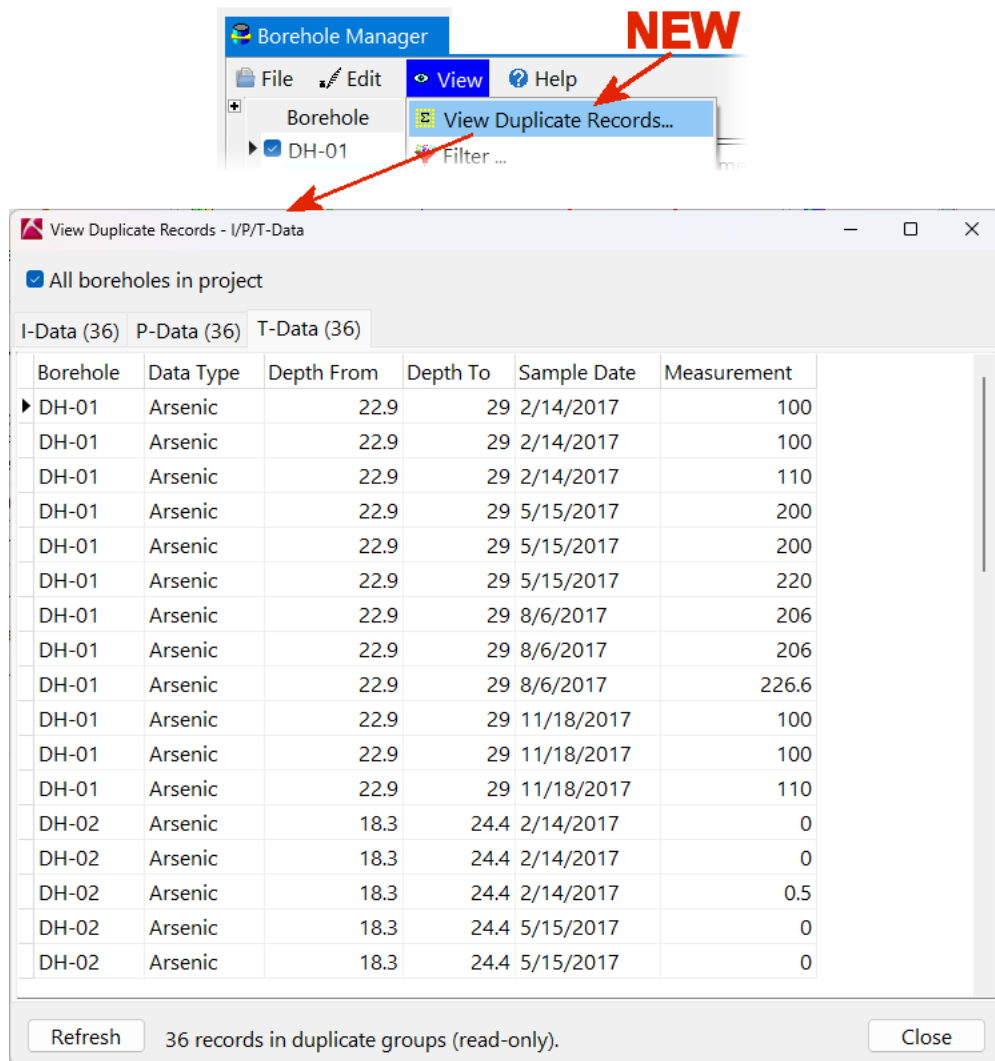


10/24/26: Added **Borehole Manager** → **View** → **View Duplicate Records**, a read-only viewer for examining repeated I-, P-, and T-Data measurements.

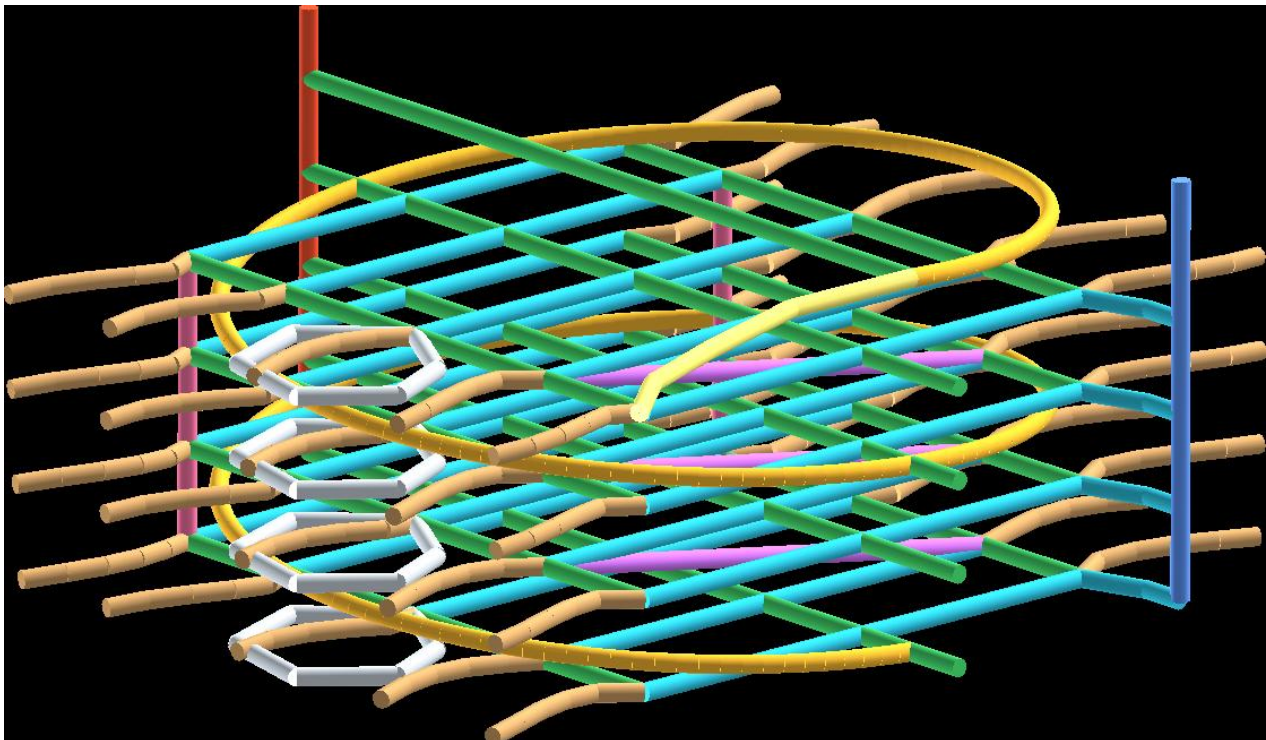
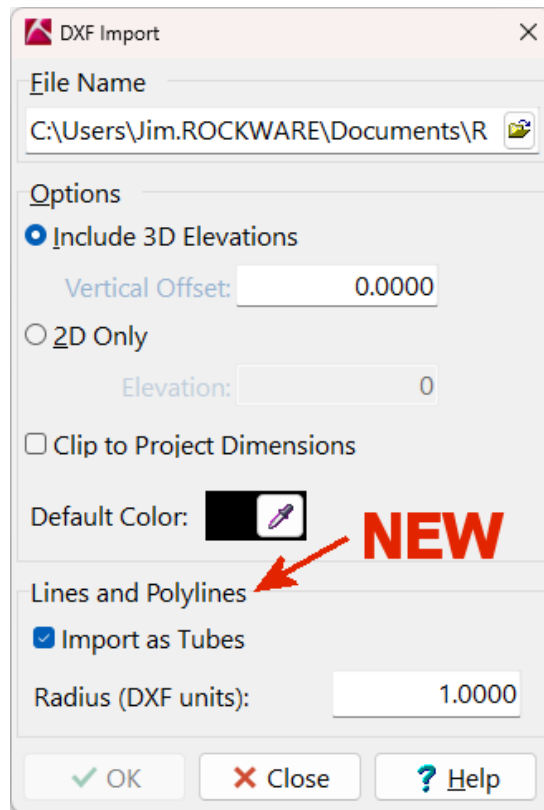
Separate tabs display all records sharing the same borehole, data type, and depth or depth interval. T-Data records must also share the same sample date. Measurements are included even when their values differ, allowing users to examine both identical duplicates and legitimate repeated measurements.

The viewer initially displays records for the current borehole. Check **All boreholes in project** to review the entire project, including disabled boreholes and hidden data types. Displayed columns include the borehole name, data type, depth or interval, sample date where applicable, and measured value. Columns automatically size to fit their headings and contents.

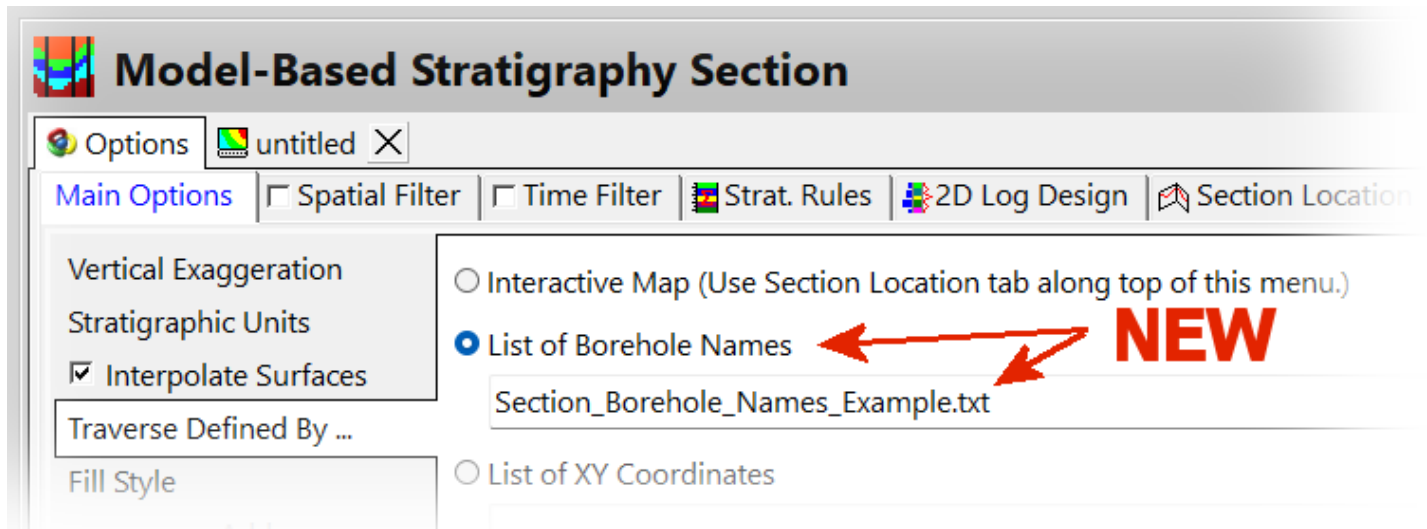
Tab captions show the number of matching records. Use **Refresh** to reload the results. The viewer does not modify or remove stored measurements; existing data-integrity reporting and duplicate-removal tools remain available separately.



10/24/26: The RockPlot3D / Import / **DXF** program now includes an option to import lines and polylines as **tubes** with a user-defined radius.



10/25/26: Section traverses may now be defined by providing a list of borehole names. This list consists of a text file containing one borehole name per line to define the route in the listed order. All names and coordinates are validated before replacing the current route. Resolved coordinates are retained in saved menus and Playlists.



10/25/26: The following improvements have been made to Borehole Operations → I-Data → **Length Composite Weighting (LCW)**:

- Optional **density weighting**: The new Use Density Weighting option weights measurements by both interval length and material density. This gives denser material proportionally greater influence when compositing concentrations or grades expressed by mass.

$$\text{Composite} = \Sigma(\text{value} \times \text{interval length} \times \text{density}) \div \Sigma(\text{interval length} \times \text{density})$$

Density measurements are selected from a separate **Density I-Data** track. Their interval boundaries do not need to match the measurement intervals; RockWorks automatically calculates the overlapping portions. Density values must be positive, use consistent units, and cover each composite interval.

Measurement gaps use the specified **Background Grade**, but missing density data are not filled. RockWorks validates density data before replacing output and preserves existing results if validation fails. Results retain the input measurement units. Leaving this option unchecked performs ordinary length-weighted compositing.

- **Reorganized Sampling Interval controls**: Stratigraphic and hydrostratigraphic compositing now have separate choices and unit selectors.
- **Corrected hydrostratigraphic compositing**: Composites now use the selected hydrostratigraphic unit's interval boundaries.

- **Added unit labels:** Feet/Meters labels beside **Reference Elevation**, **Elevation Increment**, and **Borehole Depth Increment** identify the database vertical units used by LCW.
- **Corrected grid-bounded compositing: Between Two Grid Models** now compares borehole trajectories with bounding grids in project/output units while retaining composite depths in database/input units. The correction accommodates inclined and deviated boreholes and excludes undefined, inverted, or out-of-grid surface values.

LCW (Length Composite Weighting)

Input/Output

Compositing Method

Apply To ...

NEW →

Sampling Interval

☒ Stratigraphic Unit Potosi Fm.

☐ Hydrostratigraphic Unit Alluvial Valley

☐ Elevation (Bench) Increments

Reference Elevation 0.0 Meters

Elevation Increment 10.0 Meters

☐ Borehole Increments

Depth Increment 10.0 Meters

☐ Entire Borehole

☐ Between Two Grid Models

Upper Grid

Lower Grid

Background Grade 0.00000 ?

☒ Use Density Weighting

Density I-Data Density

10/26/26: Added optional **decimal and thousands separator controls** to Datasheet text and CSV imports. Settings are retained in saved menus, Playlists, and imported RWdat files. Text and identifiers remain unchanged, and existing import behavior remains the default. Conflicting separator choices are rejected before clearing the Datasheet.

CSV (Comma-Separated Values) → DataSheet

Import Options

☐ Save Datasheet file

CSV Input File

InputText

☐ Use Column Definitions [✂ Edit Definitions](#)

Column Headers

☒ First row contains column titles

☒ Second row contains column units

Rows to Skip Before Importing Data: 1

Source Number Format

☒ Specify decimal and thousands separators

Decimal: Period (.) Period (.) Comma (,)

Thousands: Comma (,) Comma (,) Period (.) Space None

NEW

10/26/26: Added an optional XYZ **focal point** to RockPlot3D File → **Animation**. The selected location remains centered during rotation and zoom in both Simple and Advanced modes. Settings are retained in saved menus and Playlists; Automatic Center remains the default. Also corrected Advanced animation to keep its renderer open through the final frame.

Animate Static 3D Diagram

Main Options | Faulting (Off)

Input Options

RockPlot3D File: Showcase_Lead_Model.Rw3D

Output Options

☒ Simple: Use parameters (Direction, Inclination, etc.) defined within Output Options menu.

Frames: 50

☐ Advanced: Use parameters defined within DataSheet.

Data Columns

Direction: ID

Inclination: Symbol

Zoom: Date

Frames: X

NEW → Animation Focal Point (Rotation and Zoom Center)

☐ Automatic Center ☒ Specified XYZ

X: 481875.000000 Y: 4399725.000000 Z: 1650.000000

10/26/26: Added a **Lithology Thickness Report** that totals logged interval lengths for each keyword by borehole. Repeated occurrences are summed into separate keyword columns, labeled with database depth units. Supports Current, Enabled, or All boreholes, standard report output options, and Playlists. Invalid intervals are skipped with a warning. Results represent measured downhole lengths, not vertical thickness.

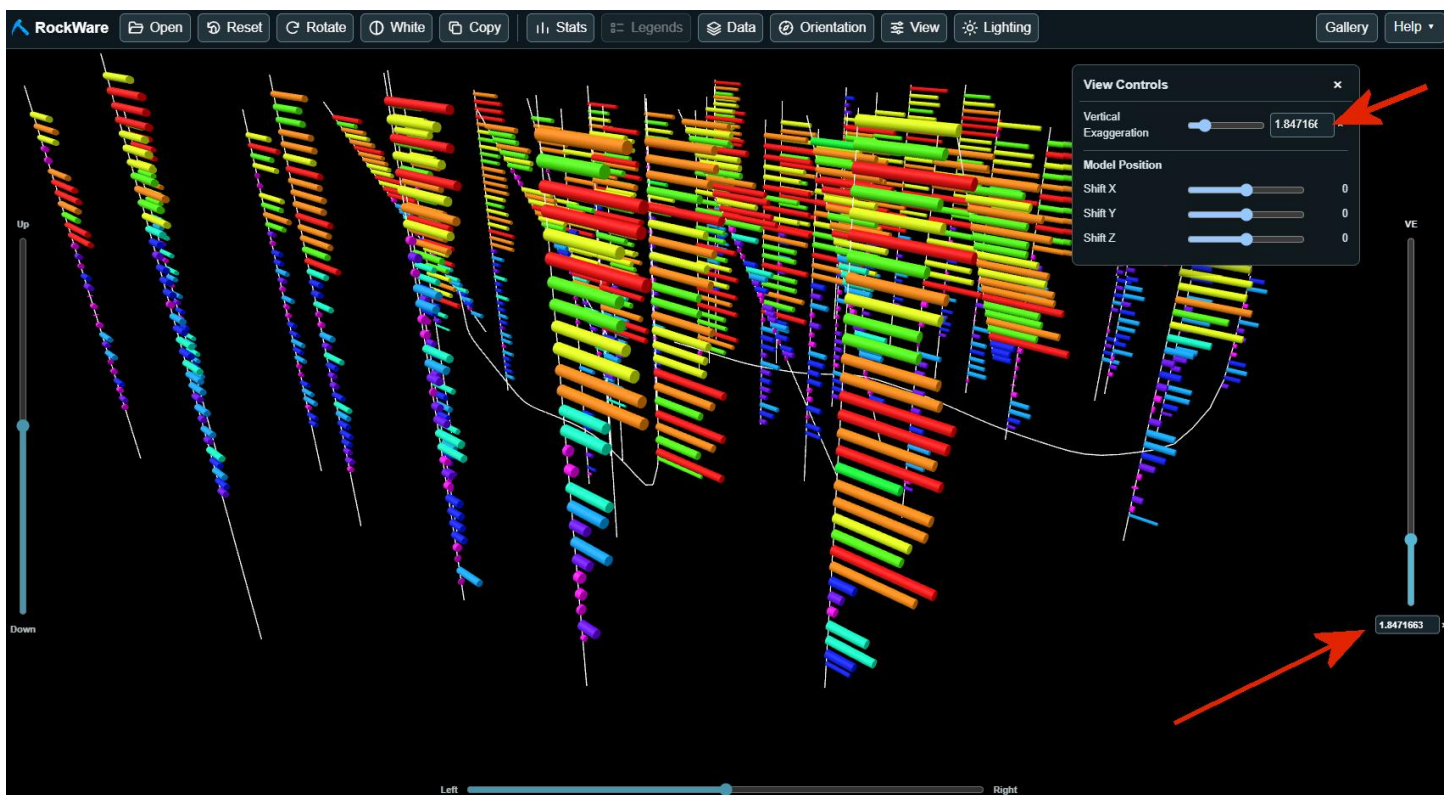
The screenshot displays the RockWorks Advanced interface. On the left, the 'Borehole Operations' menu is open, showing various options. The 'Thickness Report ...' option is highlighted in blue, with a red arrow pointing to it from the word 'NEW' in red text. Another red arrow points from the 'NEW' text to the 'Thickness Report ...' option. The main window shows a data table with columns A through J, representing different lithology types. The table contains data for 44 boreholes (DH-01 to DH-43). The bottom of the window shows the 'LITHTHKREPORT_01' tab and a 'Ready' status bar.

	A	B	C	D	E	F	G	H	I	J
1	Borehole	Clay	Gravel	Ignimbrite	Mudstone	Rhyolite	Sand	Silt	Siltstone	Soil
2	DH-01	0	17.9	16.1	0	0	16	4.8	0	1.5
3	DH-02	31.7	37.7	20.37	1.5	0	0	0	0	2.3
4	DH-03	1.8	19.7	0	0	0	27.4	0	1.8	1.4
5	DH-04	23.3	24.6	0	0	0	11.1	4	3.7	3.1
6	DH-05	14	28.3	0	0	0	0	0	0	3.7
7	DH-06	19.9	26.4	0	0	0	7.8	7.3	4.6	4.1
8	DH-07	27.5	20.8	0	0.9	0	7	0	5.8	2.9
9	DH-08	22.3	19.1	0	0	0	7.9	3.4	5.1	1.6
10	DH-09	3.9	21.7	0	0	0	20.3	0	4.8	2.9
11	DH-10	0	20	10.38	0	0	26.4	0	3.3	2.1
12	DH-11	22.8	13.4	0	1.5	0	11.3	2.8	7.7	3
13	DH-12	71.34	20.59	5	0	5	105.37	0	0	2.7
14	DH-13	0	20.5	20.75	0	0	45.7	0	2.7	2.7
15	DH-14	28.9	22.4	0	0	0	4.4	0	4.8	2.6
16	DH-15	23.8	21.8	0	2.7	0	8.5	0	6.8	2.2
17	DH-16	3.4	23.4	0	0	0	17.2	0	10.3	0.6
18	DH-17	0	18.5	0	0	0	27	0	3.6	0
19	DH-18	0	16.8	0	0	0	30.1	0	2.1	1.3
20	DH-19	0	33.7	0	0	0	0	0	0	5.6
21	DH-20	9.3	17.8	0	0	0	10	1.5	3.1	1.9
22	DH-21	0	20.7	0	0	0	27	0	2.3	1.8
23	DH-22	21.2	12.5	0	0	0	15.8	2.1	1.9	1.7
24	DH-23	30.4	16.5	16.44	2.5	0	5.8	0	5.7	1.6
25	DH-24	21.4	16.2	0	0	0	6.2	2.2	8.1	3.2
26	DH-25	28.2	12.9	0	2.5	0	5.7	0	13	1.7
27	DH-26	26.5	33.4	0	0	0	5.9	0	2.8	0
28	DH-27	0	18.8	0	0	0	30.6	0	7.6	0
29	DH-28	25.7	26.1	0	0	0	14.2	0	2.7	2.9
30	DH-29	0	29.3	0	0	0	28.5	0	5.6	0.6
31	DH-30	0	26.6	0	0	0	22.2	0	7.9	0.6
32	DH-31	2	11.8	0	0	0	25.4	0	4	1
33	DH-32	16.7	19.8	0	0	0	10.1	1.5	0	1.6
34	DH-33	15.28	16.33	0	0	0	11.32	0	5.87	0
35	DH-34	18.6	27.2	0	0	0	3.9	4.8	4.9	3.4
36	DH-35	0	17.4	5.74	0	0	38.9	4	3.4	3.1
37	DH-36	0	22.1	12.8	0	0	15.4	0	0	2.5
38	DH-37	20.1	19.8	0	0	0	4.94	0	0	2.1
39	DH-38	0	29.7	0	0	0	22.7	0	10.1	0.6
40	DH-39	0	16	12.5	0	6	39.2	0	238.2	0.6
41	DH-40	15.1	27.8	0	0	0	5	0	0	2.4
42	DH-41	16.9	28.2	0	0	0	14.4	0	2.9	3.1
43	DH-42	24.1	29	0	0	0	13.1	0	1.2	2.7
44	DH-43	36.1	20.6	0	0	0	0	5.5	1.9	3

Improvements

09/24/26: Sections and profiles using **P-data curve fills** no longer pause for confirmation when a borehole lacks the selected P-data. Missing-data warnings remain in Execution History, and Playlist Continue/Stop settings are still honored. This reduces interruptions during section and profile generation while retaining warnings for later review.

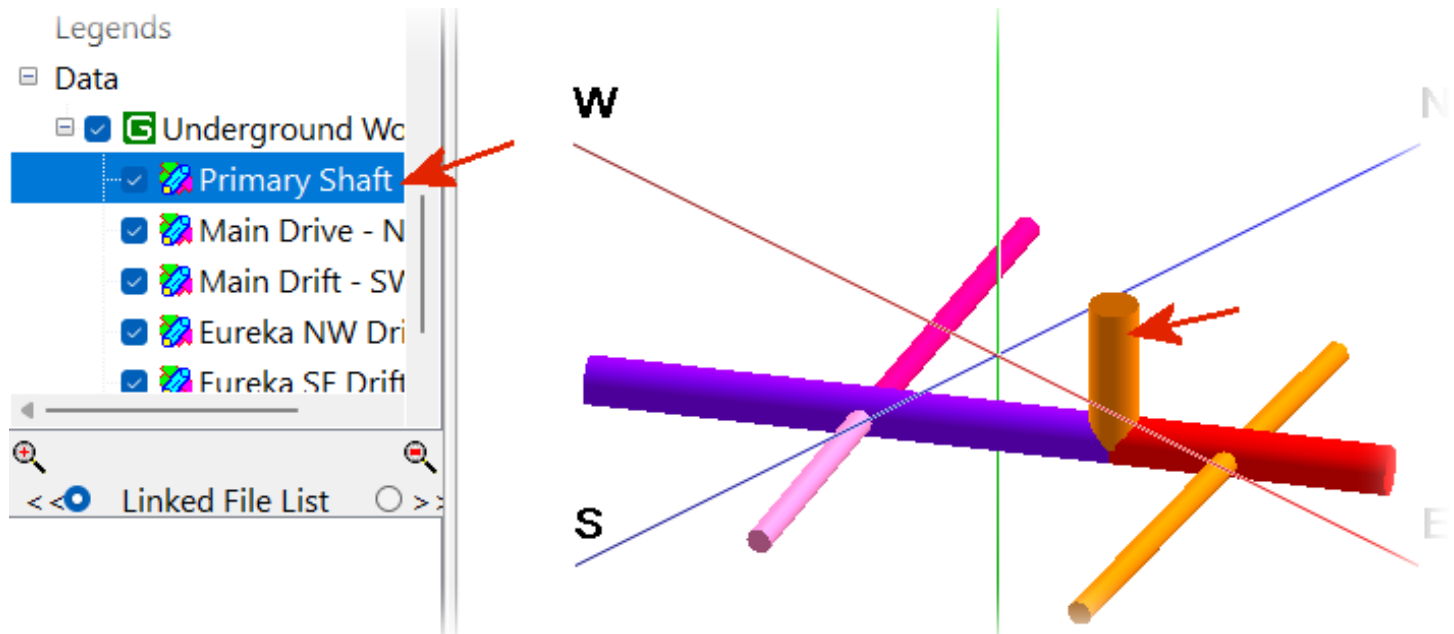
09/25/26: Added numeric entry fields for **vertical exaggeration** beside the right-hand slider and in the View panel within the **3D Web Viewer**. Enter an exact value, including decimals or values above 10×, and press Enter to apply. The numeric fields and sliders remain synchronized. This allows users to set an exact vertical exaggeration instead of estimating it with the slider.



10/05/26: The LithoType selection within the **Lithology Picker** program has been changed from checkboxes to radio buttons to eliminate the implicit ambiguity. This makes it clearer that only one LithoType can be selected at a time.

10/05/26: Added **keyboard positioning** in the **2D peripherals** layout preview. Click a peripheral, then use the arrow keys to move it one pixel or Shift + arrow keys to move it ten pixels. Position fields update automatically. This makes small layout adjustments easier to control.

10/06/26/JCJ: - Added RockPlot3D object **picking** that selects the corresponding **data-tree node**, meaning that when an item is clicked on in the display area, the corresponding item within the data-tree will blink. For example, if the mouse is clicked on the vertical shaft in the diagram below, the “Primary Shaft” item within the data tree will blink. This makes it easier to identify and locate objects within a complex 3D scene.



10/12/26j: Added an option to display output in either an **embedded RockPlot2D tab** or a **separate window**. Embedded tabs remain the default. This allows users to choose an output arrangement that suits their workspace.

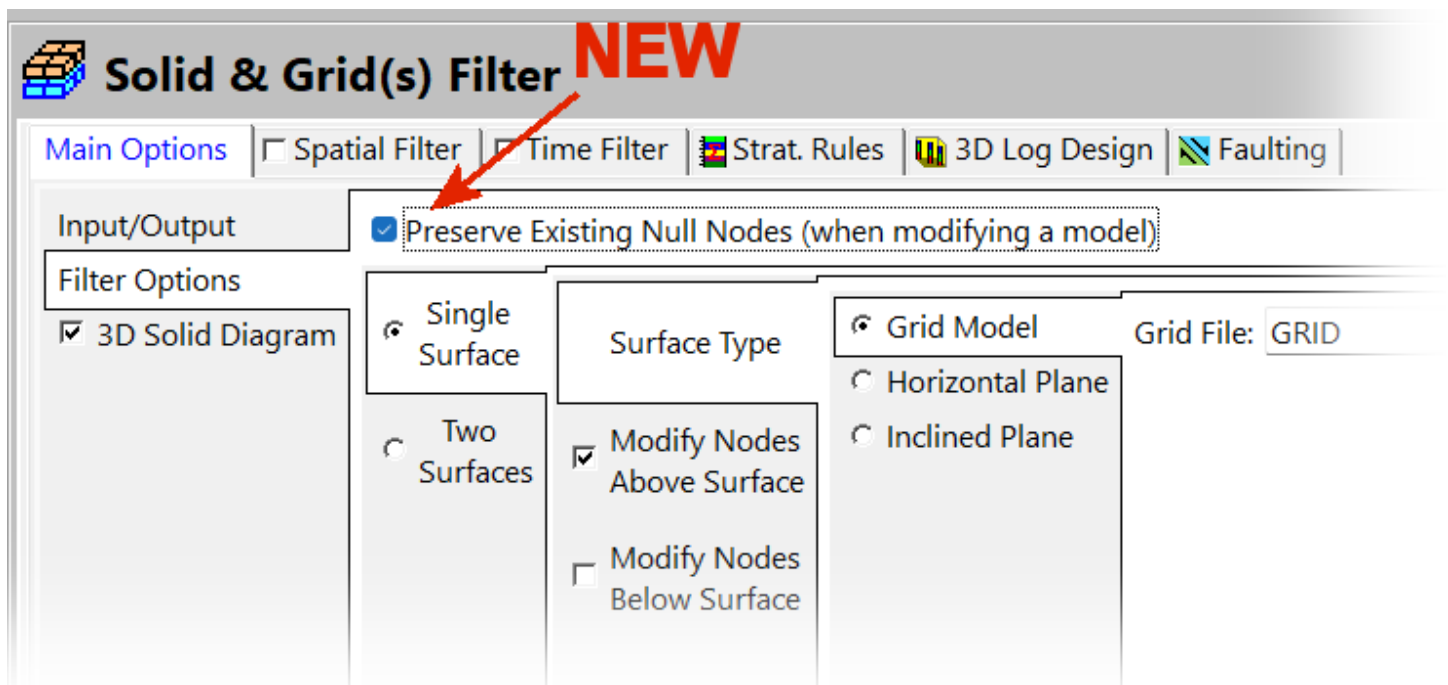
10/12/26: Added an option to plot selected 2D striplog **title fields on separate lines**. This makes titles containing multiple fields easier to read.

10/12/26: Changed the 2D Log Designer Miscellaneous Options button into a toggle that **restores the previously displayed options panel**. This makes it easier to return to the previous options panel while designing a log.

10/13/26: Improved data exchange between LogPlot and RockWorks to prevent silent value loss, provide consistent field mappings and import decisions, and preserve numeric, empty, and below-detection values more reliably. These changes make transfers safer, more predictable, and easier to maintain.

10/14/26: Improved **LogPlot-to-RockWorks** importing by correcting depth and coordinate conversion reporting, preserving default patterns in import templates, supporting PJ4 field mappings, reporting unreadable files as failures, and eliminating temporary-object leaks. These changes improve transfer accuracy, error visibility, and stability during large batch imports.

10/16/26: The **Solid & Grid(s) Filter** program now includes an option to leave model nodes unchanged if any of the coincident constraining nodes are null.



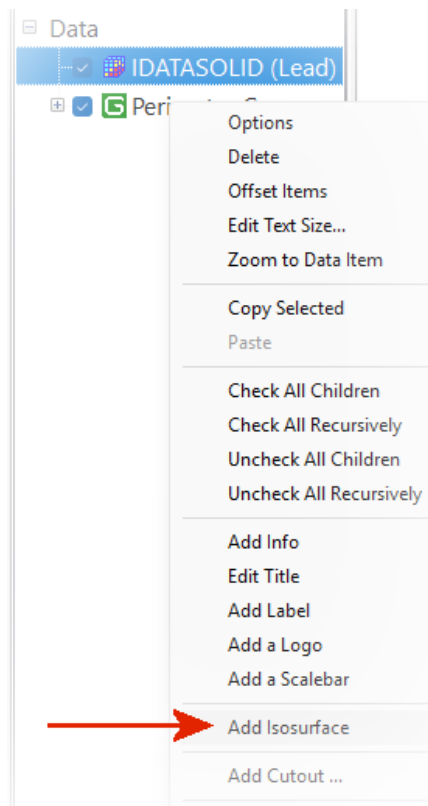
10/23/26: **Column selectors** now **refresh automatically** when the datasheets used by the Multi-Grid Profiles, 3D Spherical Nets, and Tobin WCS import programs are changed. In other words, let's say that you've got the 3D Spherical Net menu on one screen and you change the datasheet on another screen. The column-selectors within the 3D Spherical Net menu will now show the new data columns automatically.

10/23/26: **Standardized Grid and Solid Statistics** reports with consistent headings, Description/value columns, clearer units, and aligned multi-model comparisons. Retained statistics specific to grid surfaces and solid models. Corrected constant-model totals and volumes, single-value and repeated-run standard deviations, positive-value means, and null-only data handling. Improved numerical stability and clarified misleading labels. Undefined results now display "n/a."

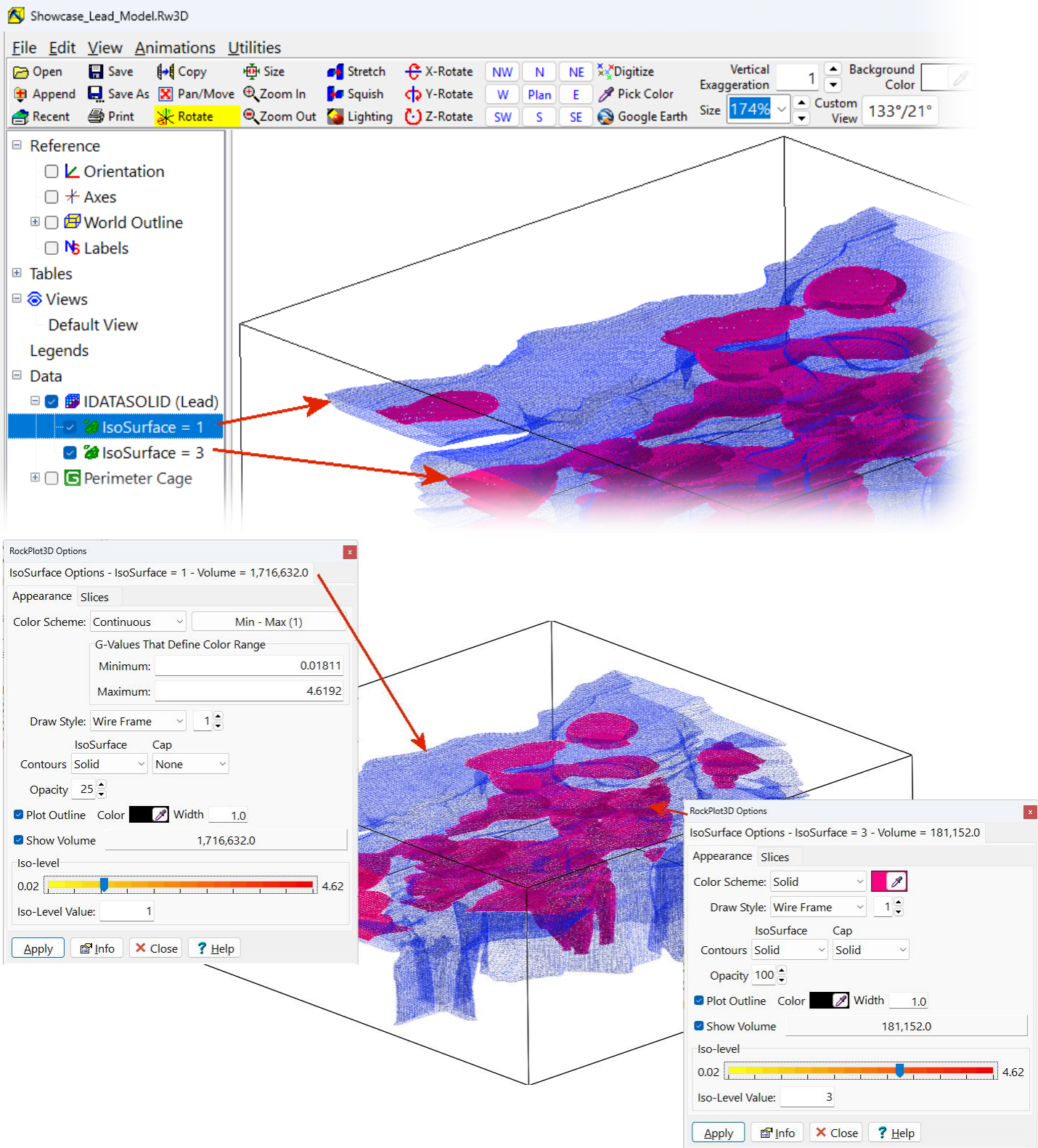
10/26/26: Improved **automatic text-file delimiter** detection to recognize **semicolon-separated data** containing decimal commas and ignore separators within quoted text. The selected delimiter is now retained throughout the file.

10/26/26: **ASCII grid exports** now use **consistent decimal-point formatting** regardless of Windows regional settings, preventing conflicts between decimal commas and field separators.

10/26/26: The “X Isosurface” option within the RockPlot3D menu that appears when a user right-clicks on a block model has been renamed to “Add Isosurface”. The confusing “X” within the previous version was an abbreviation for “Extra”.



The titles for added isosurfaces are now named in accordance with the isolevel cutoff value. For example, if the isolevel value is set to 10, the title for that surface will be “Isosurface = 10”.



09/17/26: Saved **tab-layout** settings within the Borehole Manager now preserve their width and visibility but no longer overwrite renamed type-column captions with stale values. This prevents customized column captions from being lost when a saved layout is restored.

09/23/26: **Polygon** maps based on lists now display the correct **borders** (dashed, dotted, or wavy lines). This preserves the intended boundary styling in the resulting maps.

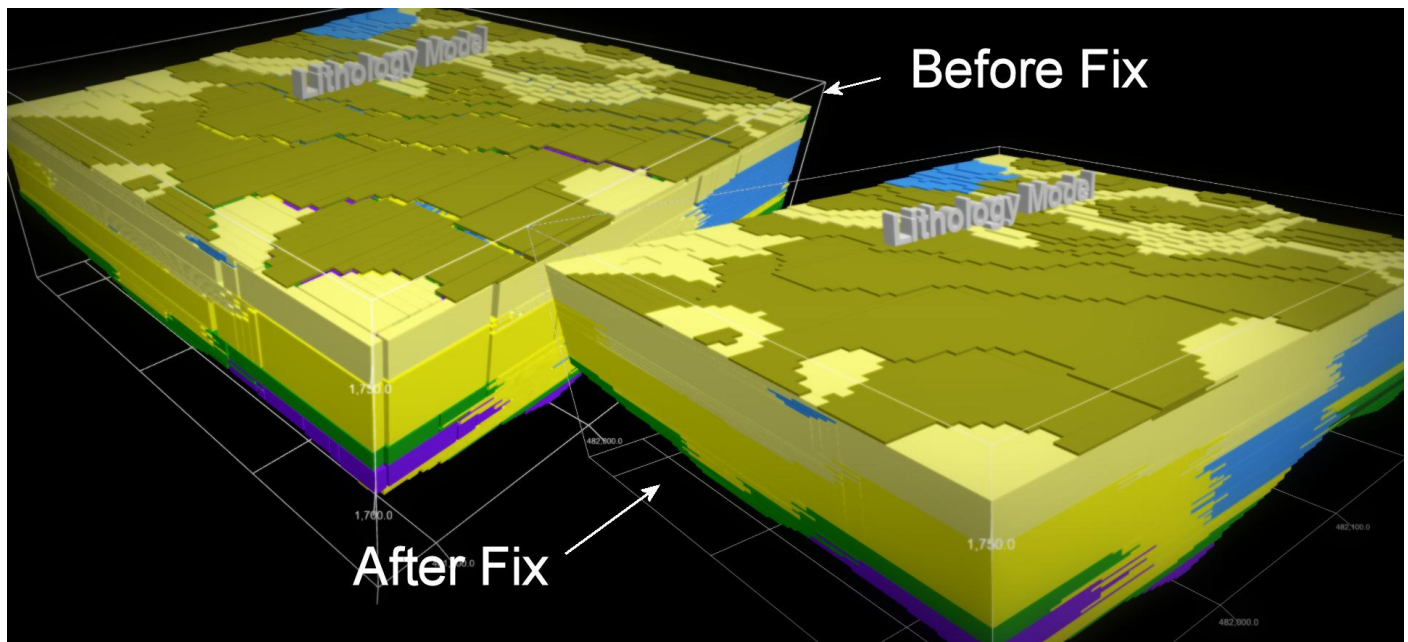
09/23/26: RockPlot2D **legend titles** no longer become progressively smaller when vertical exaggeration is applied. This keeps legend titles readable after vertical exaggeration is applied.

09/23/26: **Synonym/alias** tables are now applied correctly to I/P/T column-based **Excel imports**, including instances in which only some of the data tracks have synonym tables. This helps ensure imported data use the intended synonym and alias mappings.

9/24/26: Fixed **gaps in lithology models** displayed in the HTML viewer. Adjacent voxel blocks now meet at their full dimensions, eliminating artificial gaps across model surfaces and lithology contacts. This prevents display gaps from being mistaken for gaps in the lithology model.

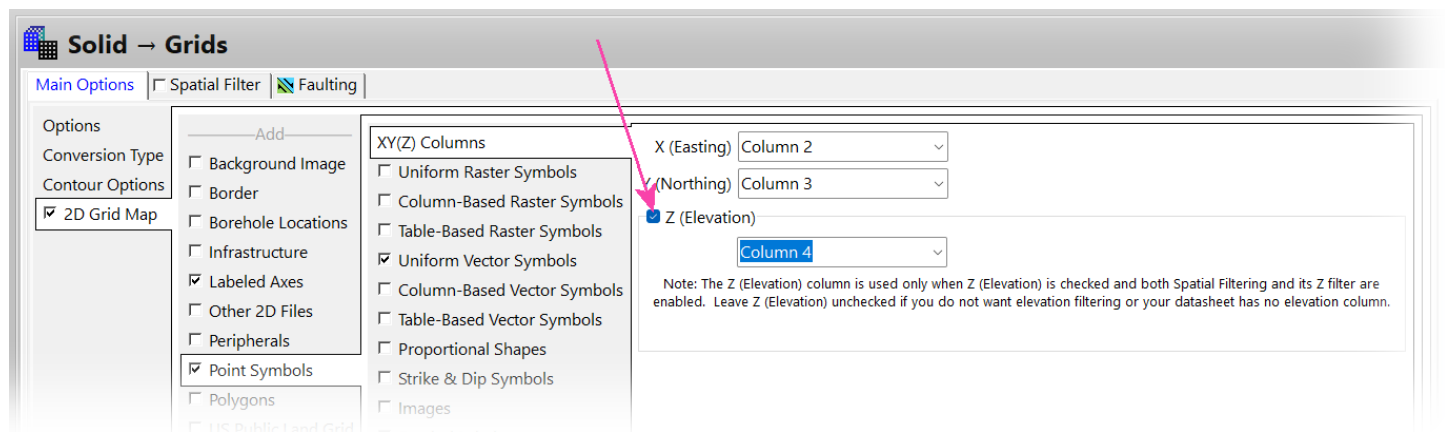
9/25/26: Updated **vertical exaggeration** behavior within the 3D HTML Viewer to preserve the shape and dimensions of horizontal cylinders and spheres while stretching vertical cylinders and oblates vertically. All objects continue to follow their sample elevations as vertical exaggeration changes. This helps preserve the intended appearance of these objects when viewing a vertically exaggerated scene.

10/05/26: Fixed **automatic elevation ranges** in profiles and sections so enabled surface profiles are included when determining vertical axis and reference-line limits. This prevents enabled surface profiles from extending beyond the automatically determined elevation range.



9/24/26: Fixed a problem in the **RockPlot3D Web Viewer** where some **borehole labels** disappeared when viewed through transparent draped images or image panels. This keeps borehole labels available for identifying boreholes in scenes containing transparent images.

9/25/26: The **Z-Column** within the **Point Symbols | XY(Z) Columns** sub-menu has been reinstated so that it can be used as an elevation filter. This restores the ability to limit displayed point symbols by elevation.



10/05/26: Fixed irregular borders in **vertical gradient fills** for logarithmically scaled 2D striplog curves, while preserving min-to-max and table-based coloring behavior. This improves the appearance of logarithmically scaled striplog curves without changing the selected coloring method.

10/09/26: The RockPlot2D | Export | **Shapefile** GIS export now writes the complete labeled **polyline geometry** instead of the display segments surrounding labels. This prevents gaps at label locations in the geometry exported to GIS.

10/12/26: Fixed a problem in which the RockWorks interface or a modal dialog could become inaccessible after **switching monitor configurations** or reconnecting through a remote/VDI session. Off-screen windows are now automatically moved onto an available monitor. This allows users to regain access to the interface and dialogs after a monitor or remote-session change.

10/16/26: The **Lithology Volume Report** no longer displays a grand total for area, since vertically overlapping lithologies make that sum misleading. A note beneath the totals explains why the summed areas do not represent the model footprint. Individual lithology areas and the node, volume, and mass totals remain unchanged.

10/16/26: Fixed RockPlot2D PDF and raster exports so that dashed, dotted, dash-dot, and dash-dot-dot lines honor the **Line Width Adjustment** setting. These styles now use the same width scaling as solid lines, producing more consistent exported diagrams.

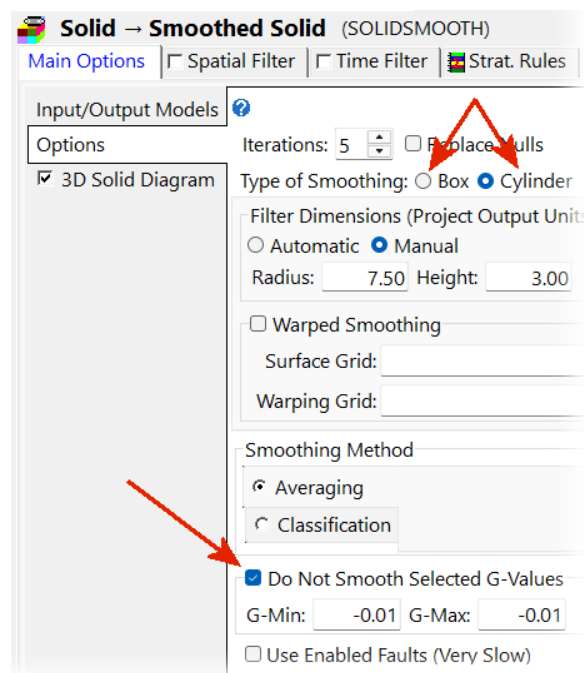
10/16/26: Fixed **2D Log Design → Miscellaneous Options → Omit Columns With No Data** so that T-Data text columns are checked against the selected T-Data track rather than the I-Data track. This prevents T-Data text columns from being incorrectly hidden or retained.

10/19/26: The following modifications have been made to the RockPlot3D plotting “engine”:

- Improved RockPlot3D stability when drawing is cancelled or interrupted (ensured OpenGL matrix and attribute stacks are properly restored).
 - Corrected problems when working with multiple 3D windows (restored the active OpenGL context after message processing and legend drawing).
 - Prevented conflicting attempts to redraw a 3D diagram (blocked rendering reentry).
 - Fixed oblate-sphere drawing settings affecting other objects (restored line width, transformations, and offsets after drawing).
 - Reduced unnecessary memory use when loading embedded images (freed temporary bitmaps after pixel copying, including failure paths).
 - Improved handling of unusually narrow or very large raster images (prevented zero-sized textures and numerical overflow while honoring renderer limits).
 - Fixed a crash when closing RockWorks with 3D diagrams open (blocked late initialization callbacks after the data tree was freed).
-

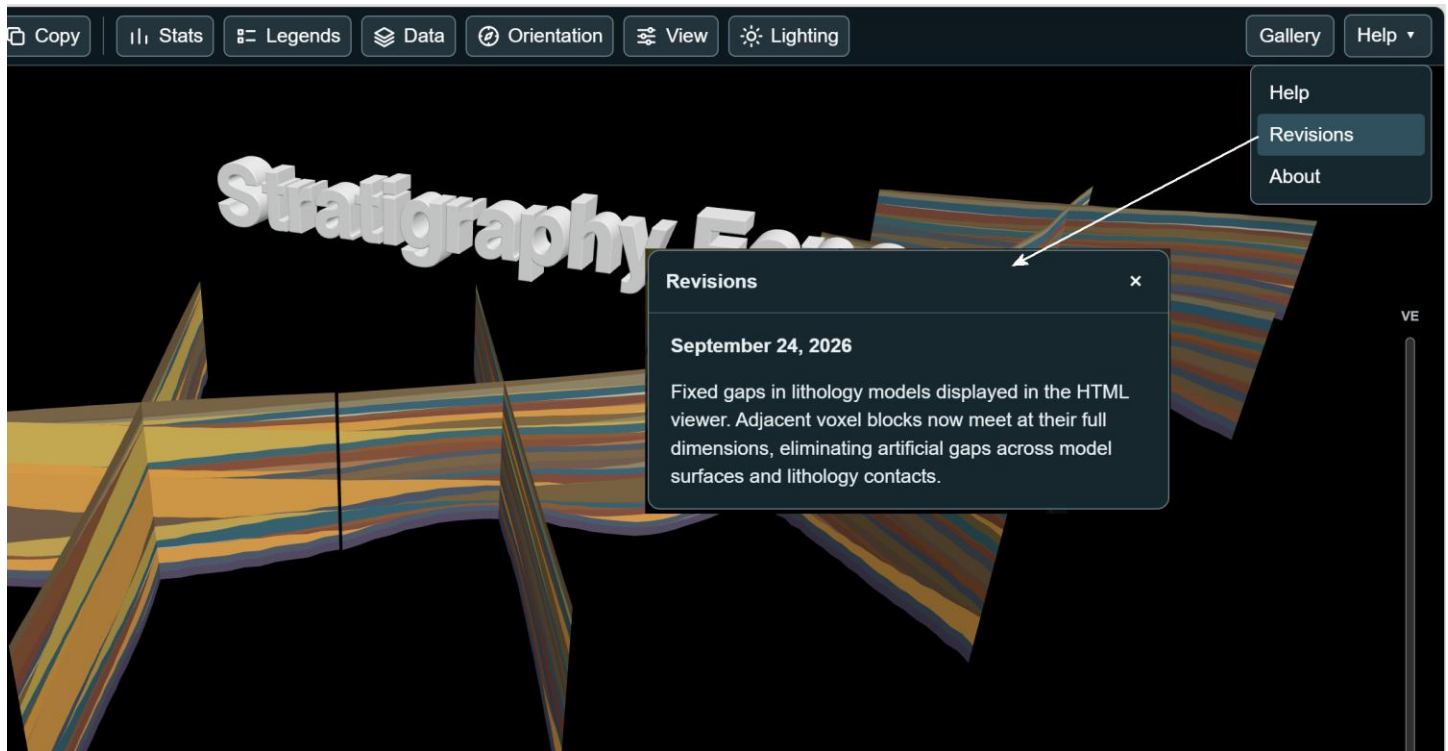
10/22/26: Corrected Colored Intervals display of **constant-value grids** in RockPlot2D. Flat grids now appear in a single color, with a matching legend showing the actual value. Min→Max schemes use the minimum color; Min→Mid→Max schemes use the middle color. Null areas, omission filters, and opacity settings remain honored.

10/25/26: Corrected **Do Not Smooth exclusions** within the **Solid Smoothing** filter such that exact values are recognized consistently by box and cylinder smoothing despite floating-point storage differences. Cylinder smoothing no longer widens or modifies exclusion limits during processing.

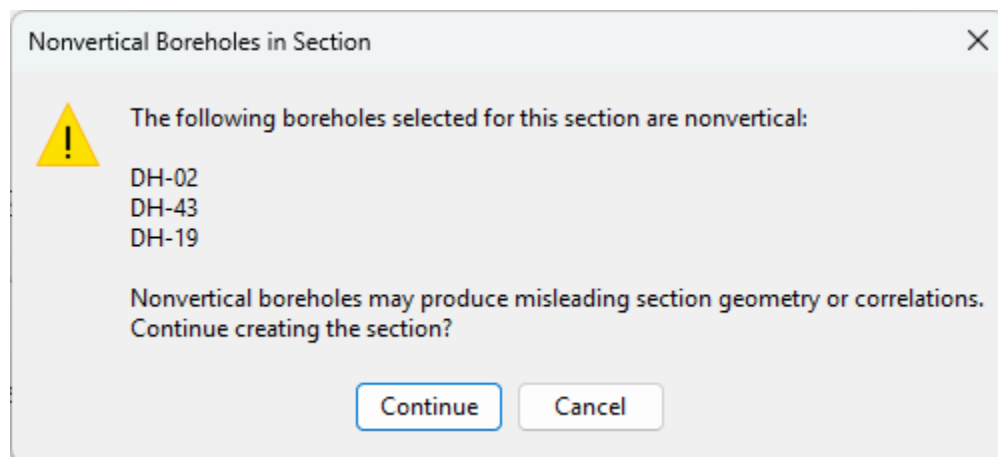


10/10/26: The RockPlot3D program can no longer enter an “infinite loop” when the contoured isosurface cap contour interval is invalid (e.g., less than or equal to zero).

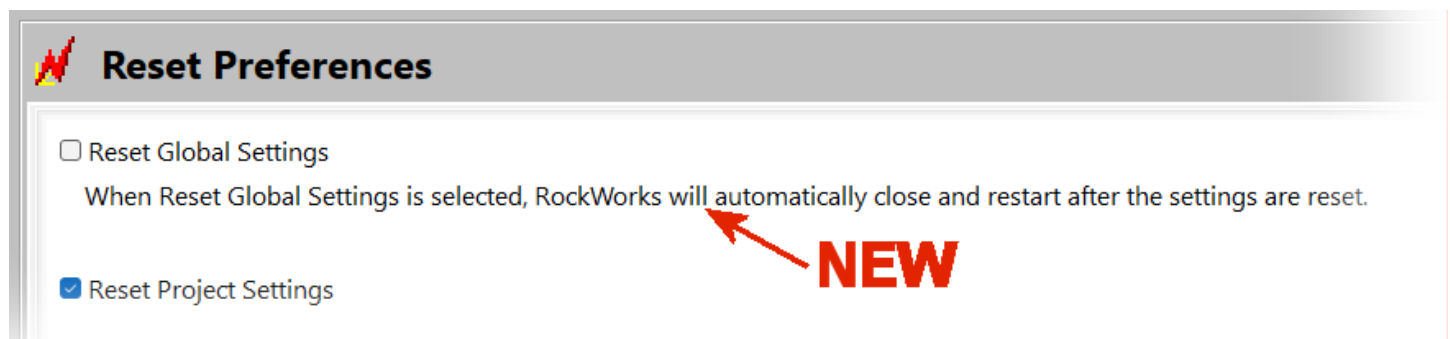
09/24/26: The 3D Web Viewer now includes a Revisions button that lists changes to the program. This makes information about viewer changes easier to find.



10/05/26: Added a **warning** identifying **nonvertical boreholes** selected for a section, with options to continue or cancel. The warning is suppressed during Playlist and batch runs. This gives users an opportunity to review the selected nonvertical boreholes before creating a section.



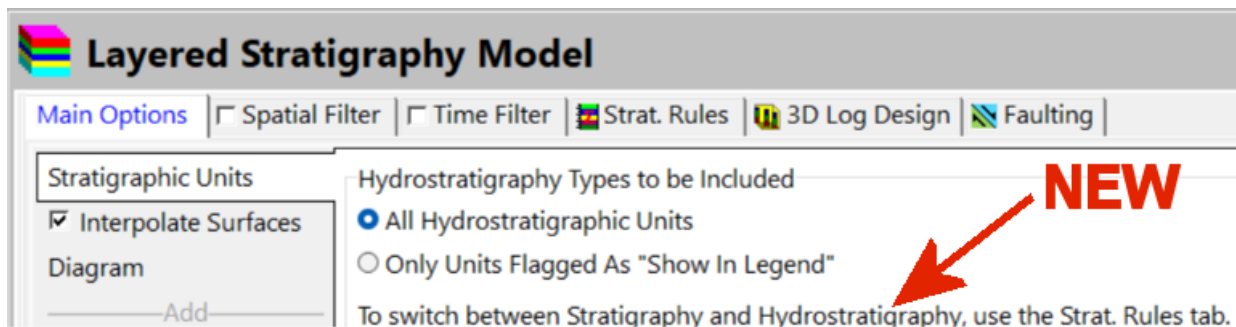
10/06/26: The Setup | Reset menu now includes an reminder that the program will close and reset itself if the **Reset Global Settings** option is selected. This helps users anticipate the program closing when they reset global settings.



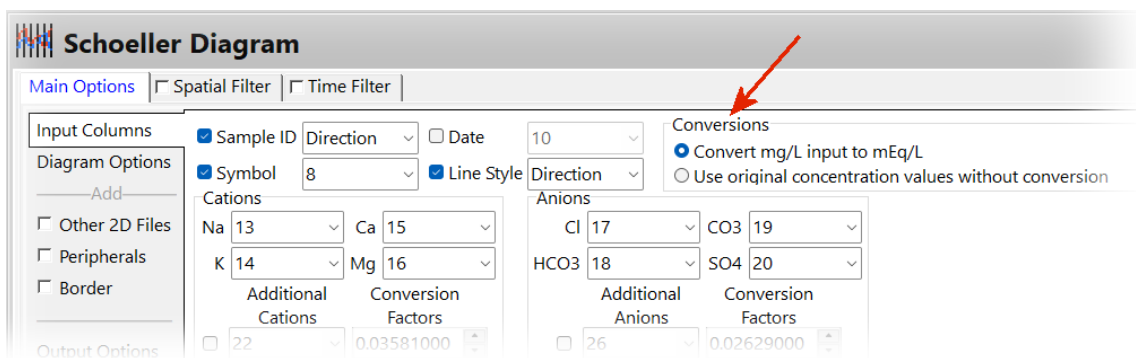
10/07/26: Replaced the **dual progress bars** with a single bar displaying “% Completed” for the programs listed below. Progress within smaller tasks contributes to the overall percentage, providing feedback during lengthy calculations and frame rendering without resetting the bar for each subprocess. This makes overall progress easier to follow during lengthy calculations and animation rendering.

- XYZ > 2D Contour Map Animation (XyzDateMorph2D)
- XYZ > 3D Surface Animation (XyzDateMorph3D)
- Grids > Contour Map Animation (GridMorph2D)
- Grids > 3D Surface Animation (GridMorph3D)
- Solid Morphing (SolidMorph)
- Solid Morphing Using IsoShells (IsoShellsMorph)
- Multiple Solids (TimeMachine)
- Time-Based Volumetrics (TimeVolume)
- Time-Based Mass Based On Porosity (TimeMass)
- Solids > Grids (Solids2Grids)

10/08/26: A reminder describing how to switch between **stratigraphy** and **hydrostratigraphy** has been added to all of the programs that process these data types. This makes switching between these data types easier to find within the relevant programs.



10/22/26: Clarified **Schoeller** diagram **concentration options**: convert input from mg/L to mEq/L, or plot original concentration values without conversion. Added a hint directing users to enter matching units in the vertical-axis title and use consistent units for all plotted ions. Existing calculations and saved settings remain unchanged.



10/22/26: **Layout → Default Layout** now restores the application menu ribbon and Project Summary when collapsed, along with the standard docked panels. Custom layouts and normal startup preferences remain unchanged.

10/25/26: The **Faulting** tab now displays **Faulting (On)** when any applicable fault option is enabled, and **Faulting (Off)** otherwise. The caption reflects saved settings when the menu opens and updates immediately as options are toggled.

