MINESCAPE

RAPID | INTUITIVE | EFFICIENT

MINESCAPE 2023

Release Notes

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DATAMINE

Legal Disclaimer

The product described in this documentation may be connected to, and/or communicate information and data via, a network interface, which should be connected to a secure network. It is your sole responsibility to ensure a secure connection to the network and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the product, the network, your systems, and the interface against any kind of security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data. We are not liable for damages or losses related to any such security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data.

Contents

What's New

The following section lists the new functionality and features delivered with MineScape 2023.

New Licensing System

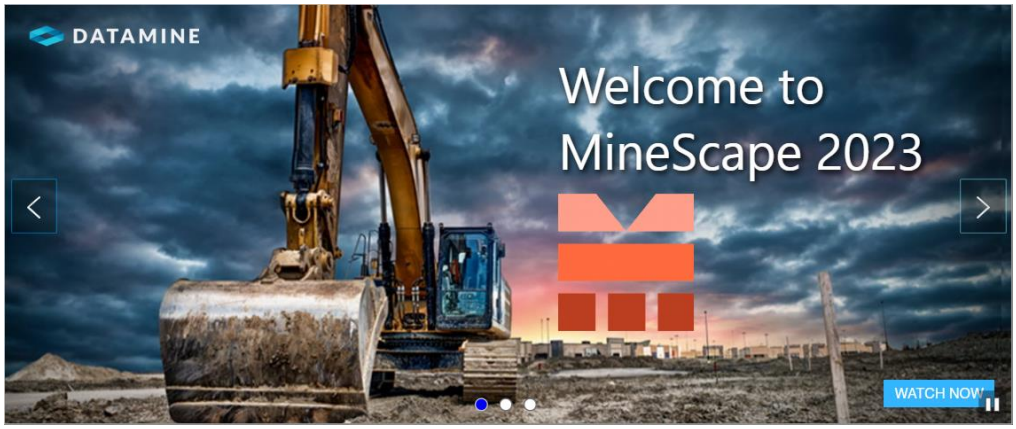
MineScape 2023 has transitioned the Licensing System from Flexera to Reprise. With this update, MineScape licence can now be securely managed by Datamine in the Cloud, enabling convenient access to MineScape from anywhere without a VPN. For users who prefer a local licence server, retrieving licences and updates directly from their server is now possible without the hassle of copying files.
For more information, read the **License Management Guide**.

Updated Start Page

MineScape 2023 **Start Page** introduces new enhancements aimed at improving users' usability, convenience, and overall experience.

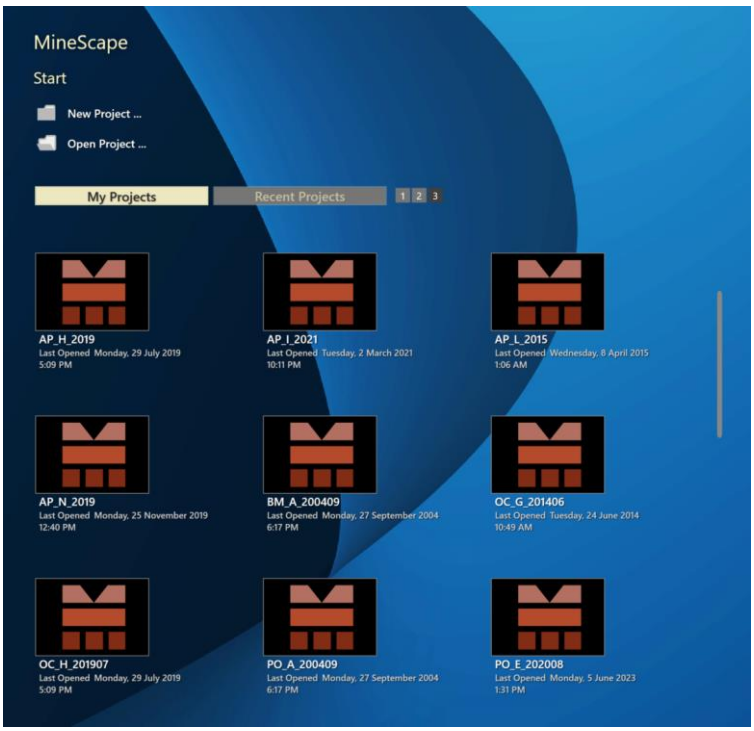
Banner

The MineScape 2023 **Start Page** features an expanded banner size, providing a more informative and visually appealing presentation of MineScape news.



Project Files

The MineScape Project thumbnails layout can be customised, offering users the choice of up to three columns.

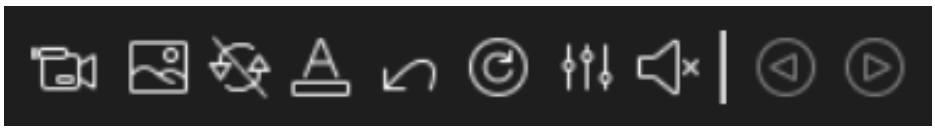


Background

The MineScape 2023 **Start Page** background is enhanced for greater customisability. Users now have the option to apply animations and play background sounds. Additionally, a new gallery is introduced, allowing users to include a variety of animations and images. Further customisation of the display is available, enabling users to activate a slide show of the animations and images, and select their preferred size.

Start Page Toolbar

The **Start Page** Toolbar is expanded to include additional options, allowing for the incorporation of the new background options and customisations. The new options comprise galleries, the ability to enable or disable the slide show, the option to enable or disable sound and adjust its volume, as well as the capability to navigate through previous and next animations or images.



Start Page Settings

The **Start Page** Settings is expanded with additional options to accommodate the new background customisations, such as slide show, sizing, and sound.

Quick Access Toolbar

The Quick Access Toolbar for the **Start Page** Tabs is now always available on the **Title** Bar, whereas previously it was only accessible when users opened a MineScape Project.

About MineScape

MineScape information, such as the current version, can be accessed through the System Toolbar located within the **Title** Bar.

Products and Apps

The MineScape 2023 introduces three new Products, each accompanied by their respective Apps. Furthermore, there are several additional Apps available under the **Surface Engineering** Product. The three new Products introduced are **Scheduling**, **Drone Surveying**, and **Survey Data Manager**.

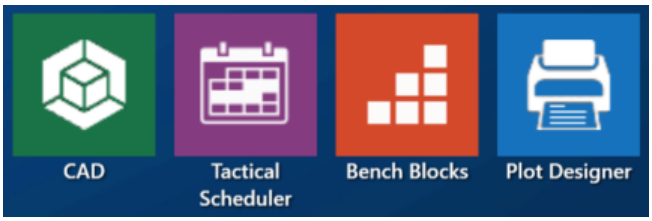
Surface Engineering

The **Surface Engineering** Product now includes three additional Apps: **Bench Blocks**, **Reconciliation**, and **Reclamation**. These Apps were previously part of the **Open Cut** Apps but have now been separated into individual Apps.

The following Apps are grouped under the **Surface Engineering** Product:

Scheduling

The following Apps are grouped under the **Scheduling** Product:

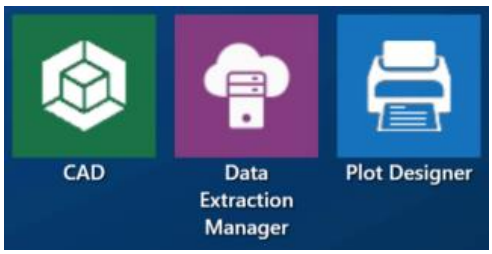


Drone Surveying

The following Apps are grouped under the **Drone Surveying** Product:

Survey Data Manager

The following Apps are grouped under the **Survey Data Manager** Product:



Available Tools

The MineScape 2023 introduces two new Tools, namely **Archive & Recover** and **Report Designer**. The following is the complete list of Tools available on the **Start Page**:

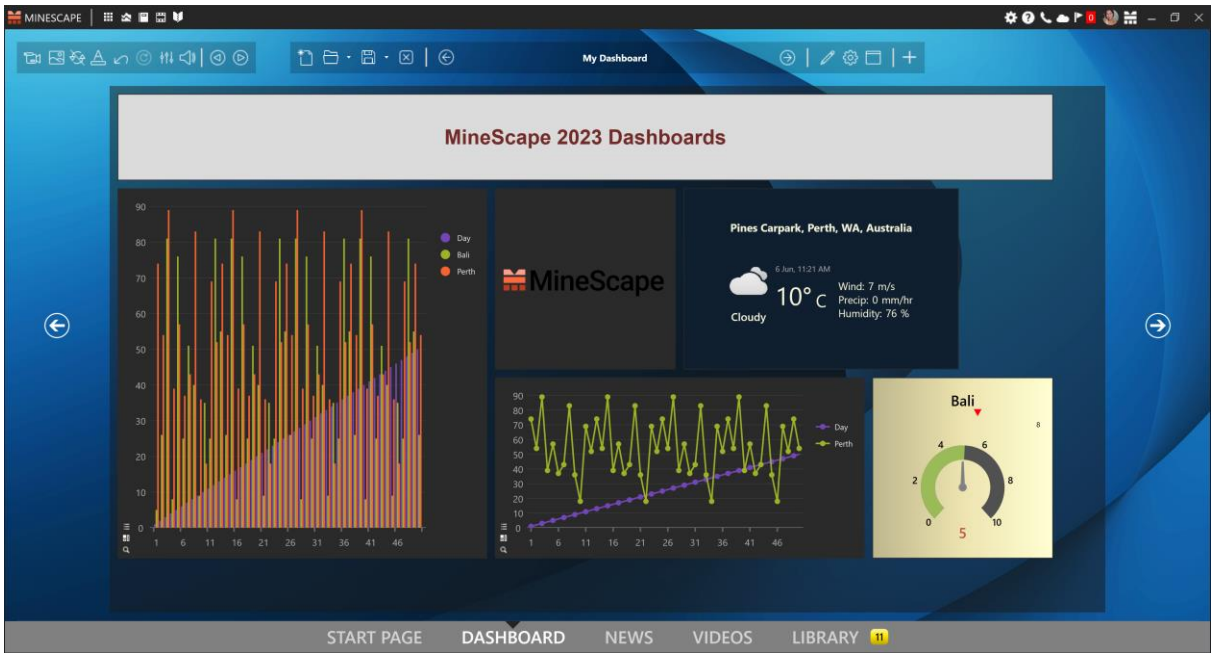
Interactive Dashboard

MineScape 2023 features **Interactive Dashboards**, or **Dashboards** for short, that equips users to track, analyse, and display data.
The main features of **Dashboards** include:

- Seamless integration with MineScape Products and Apps, such as MineScape **Scheduling.**
- Movable tiles that can act as Dock Pins or Floating Docks
- Multiple Widgets include charts, data grid, text, image, weather, and single value widgets.

The main benefits of **Dashboards** include:

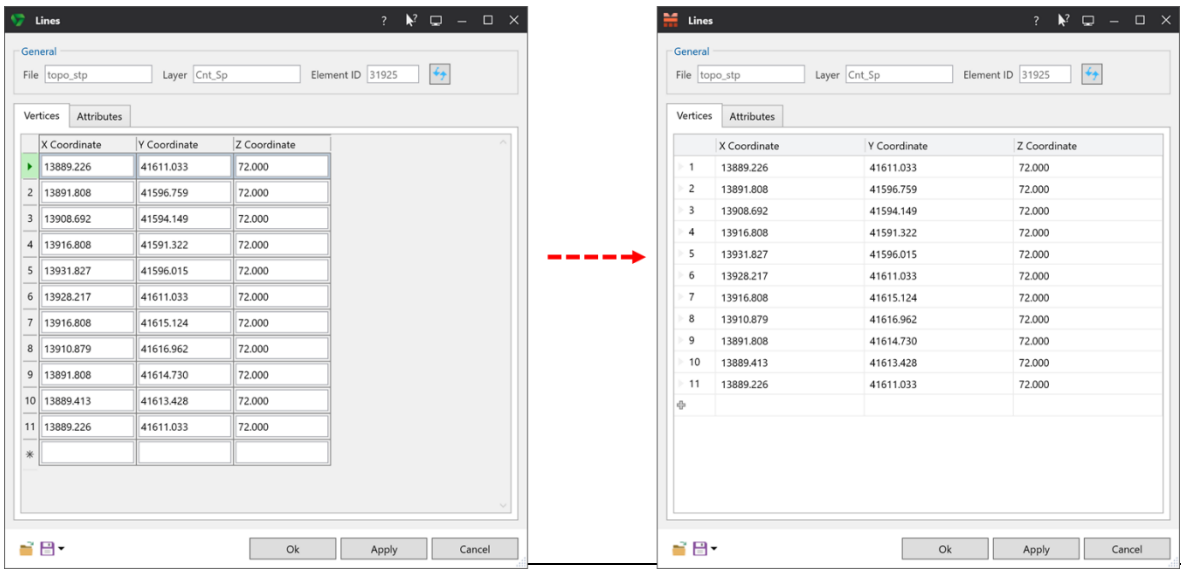
- Ease of making informed decisions through providing accurate information at-a-glance
- Gain vital business intelligence through high visibility of all systems and processes.
- Quick identification of data trends, outliers, and correlations
- Show the work progress and how far along on a process towards completion.



User Interface Enhancements

New Data Grid Form

Data grid within MineScape 2023 have been enhanced with a modern and user-friendly appearance, ensuring an improved user experience.



The new MineScape data grid allows users to:

1. **Navigate across the data easily.**

   Move between cells and locate an active cell easily using the **Tab**, **Shift+Tab**, and **Enter** keys. Here's how it works:

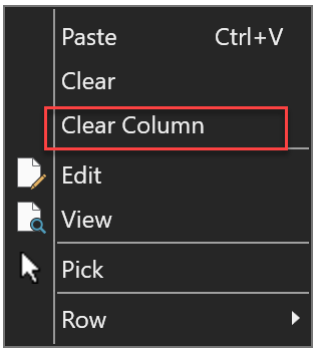
   a. Press the **Enter** key to move the cursor down to the cell in the same column (vertical direction).

   b. Press the **Tab** key to move the cursor to the next cell on the right in the same row (horizontal direction). If it reaches the last column, Tab key will move the cursor to the first column in the next row down.

   c. The active cell is always highlighted for easy identification.

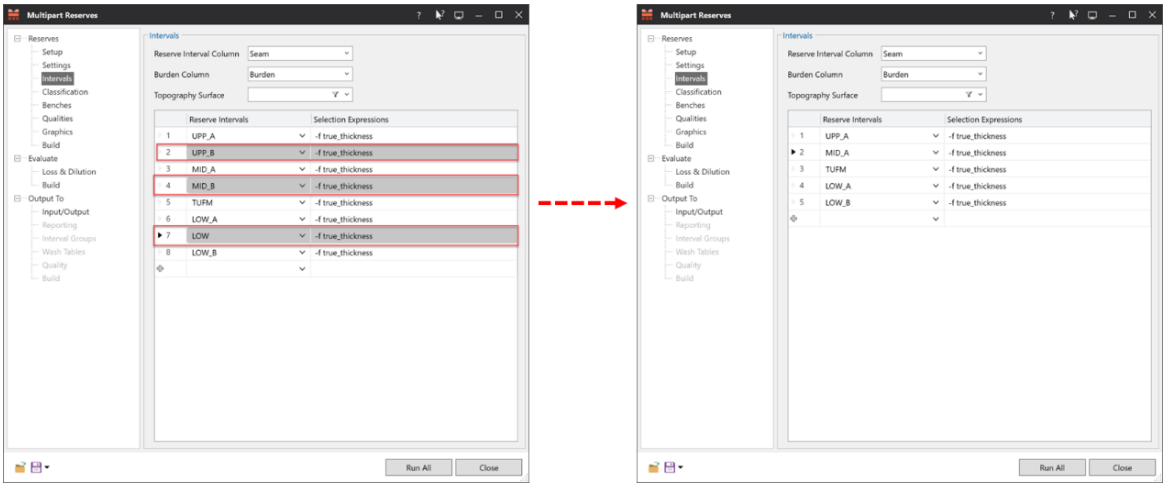
2. **Delete the whole column.**

   A new **Clear Column** option has been added to the context menu. The option allows users to clear an entire column by simply right-clicking on a selected cell and choosing the **Clear Column** option.



3. **Delete multi-row.**

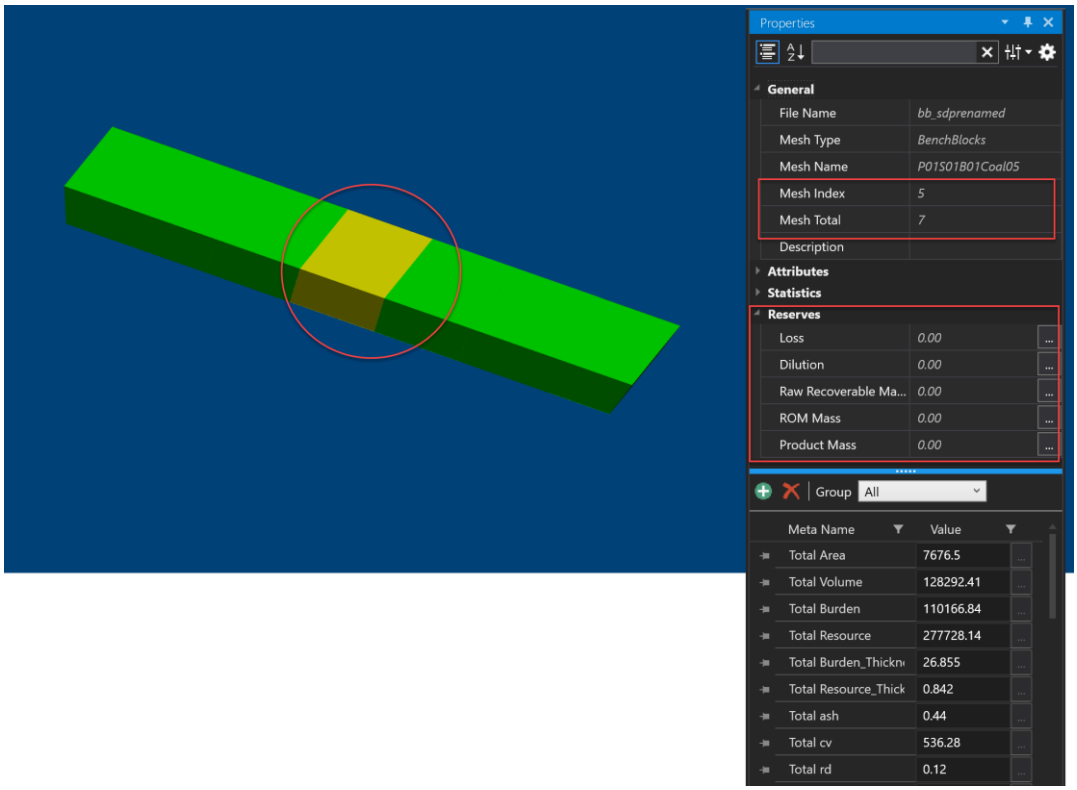
   In the previous MineScape version, deleting rows was a tedious task, as each row had to be deleted individually by pressing the **F6** key. The new data grid now enable users to select multiple rows by clicking on the row numbers. Once the desired rows are selected, users can simply press the **F6** or **Delete** key to remove all the selected rows at once. See the image below for example.



CAD Enhancements

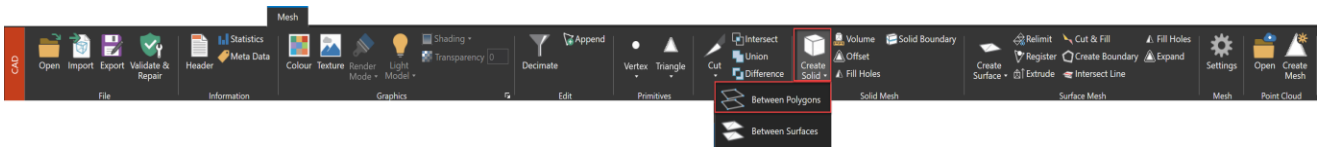
A new Reserves Group in Meta-data

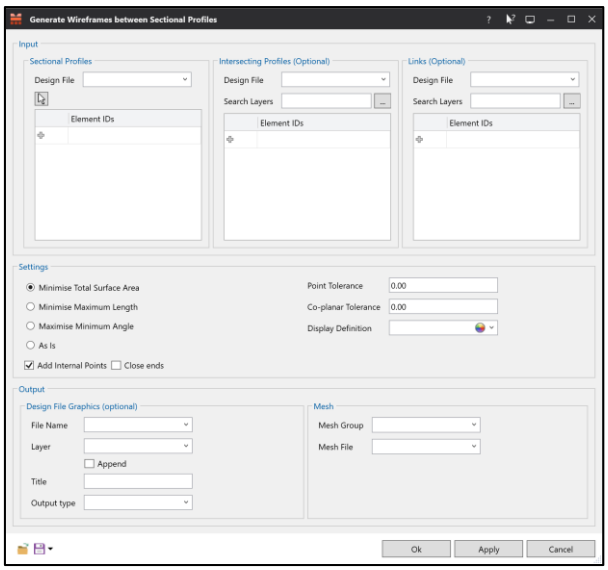
The Meta-data now includes a new group called **Reserves**. Users will see the **Reserves** group after generating **Bench Blocks – Calculate Reserves**. This group contains important values such as '**Loss**', '**Dilution**', '**Raw Recoverable Mass**', '**ROM Mass**', and '**Product Mass**'. To edit these values, click the three-dot button on the **Reserves** group within the **Properties** tab.



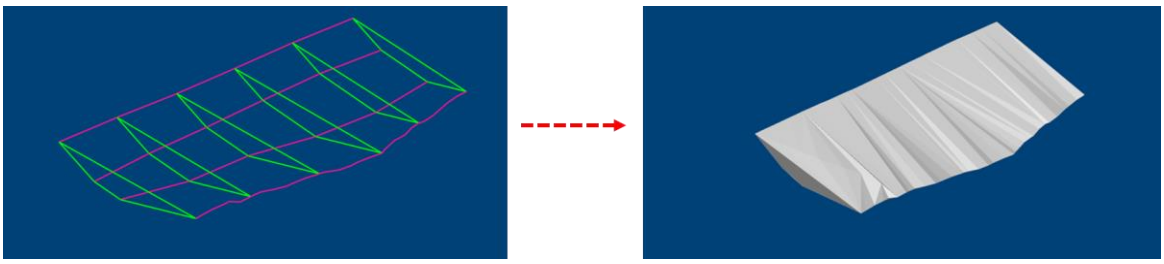
Create Solid Between Polygons

The **Create Solid** » **Between Polygons** option has been added to the **Mesh** ribbon.





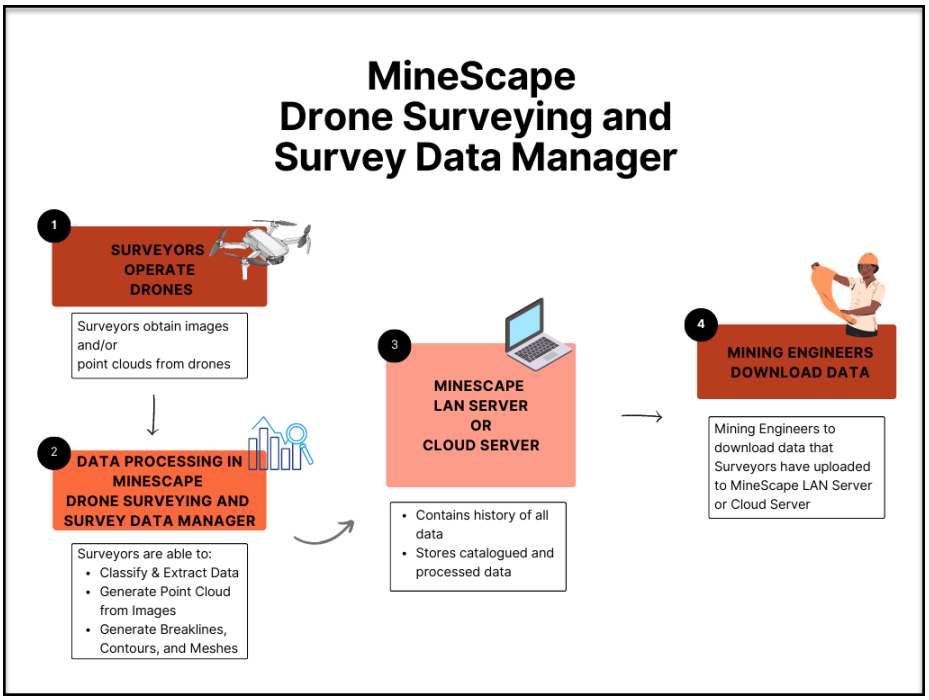
Users can use the **Create Solid » Between Polygons** option to generate a wireframe mesh from the profiles and links in a design file. The following image is an example of the output obtained using this feature.



Drone Surveying & Survey Data Manager

MineScape 2023 introduces an all-in-one product for Surveyors and Mining Engineers.

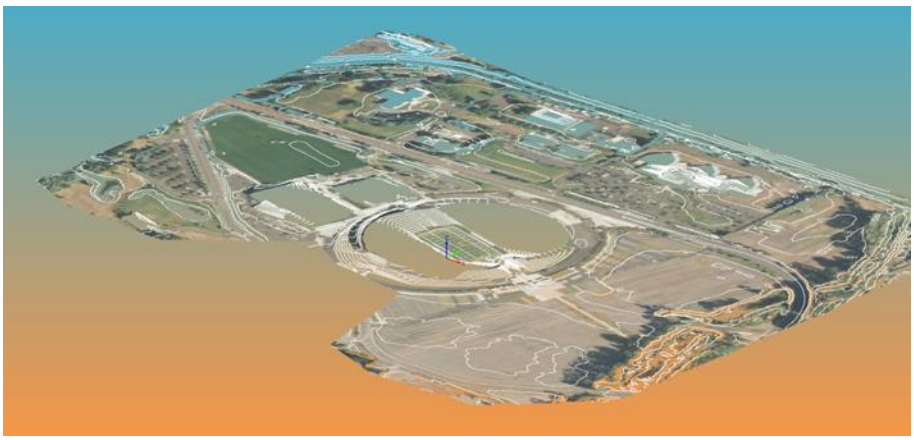
The **Drone Surveying** Product will be mainly used by Surveyors, meanwhile the **Survey Data Manager** Product will be mainly used by Mining Engineers.



Through MineScape **Drone Surveying** Product, Surveyors can:

- Classify & Extract Data
- Generate Point Cloud from Images

- Generate Breaklines, Contours and Meshes from Point Clouds
- Upload & Download to a LAN or Cloud Server



Features of the **Drone Surveying** Product include:

- A responsive and interactive **CAD** environment that allows users to add layers, change views, make selections, and transform graphics, and import/export data.
- A **Point Cloud Tools** App which enables users to transform images to points, filter data, classify and extract classes, and upload/download data to a MineScape LAN or Cloud Server.

Through MineScape **Survey Data Manager**, Mining Engineers can:

- Download Survey Data
- Utilise easy-to-use tools that allows data alignment with Surveyors
- Generate output of various file types

Features of the **Survey Data Manager** Product include:

- A responsive and interactive **CAD** environment that allows users to add layers, change views, make selections, and transform graphics, and import/export data.
- A **Data Extraction Manager** App which equips users to download point cloud data of various outputs, such as:
  - High Density Point Clouds
  - Partial Point Clouds

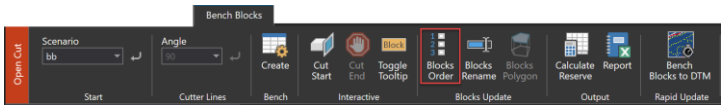
- High Density Mesh
- Partial Mesh
- Simplified Mesh
- Orthomosaic Image
- Breaklines
- Contours

Engineering Enhancements

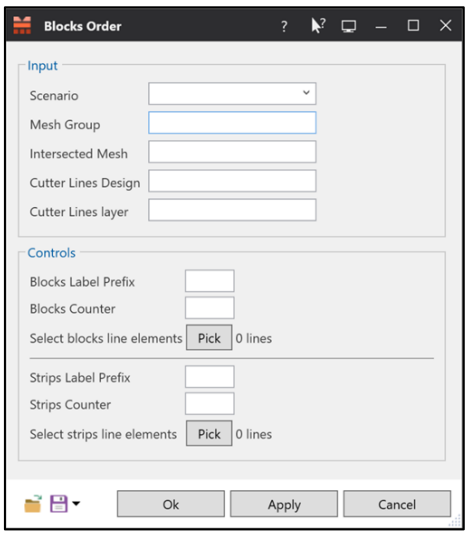
Bench Blocks

Blocks Order

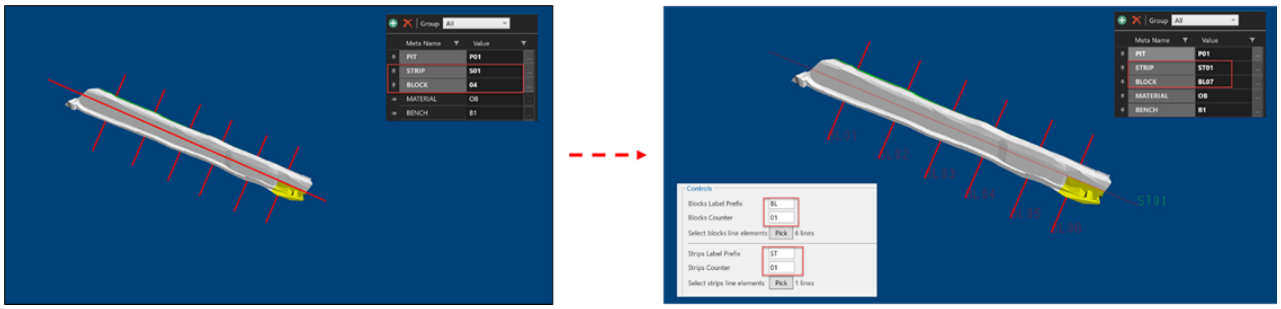
The **Blocks Update » Blocks Order** option has been added to the **Bench Blocks** ribbon.



The **Blocks Update » Blocks Order** option allows users to rearrange blocks and strips of **Bench Block** solids according to the order of the selected cutter design lines. Rearrangin **Bench Block** solids will also update the **Meta-data** values.

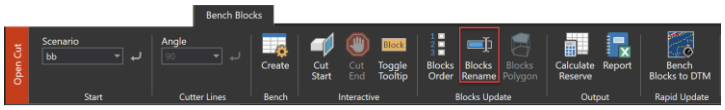


The following image is an example of the **Blocks Update » Blocks Order** option output.

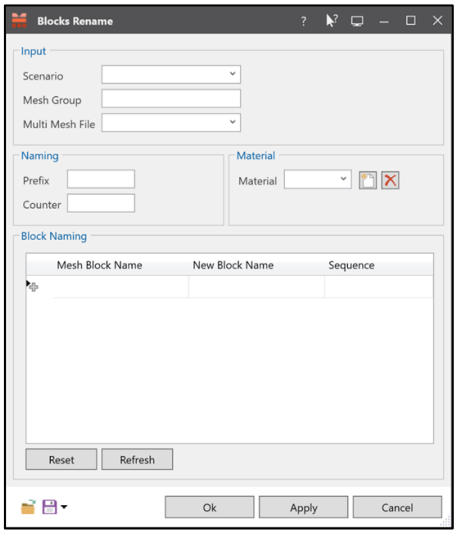


Blocks Rename

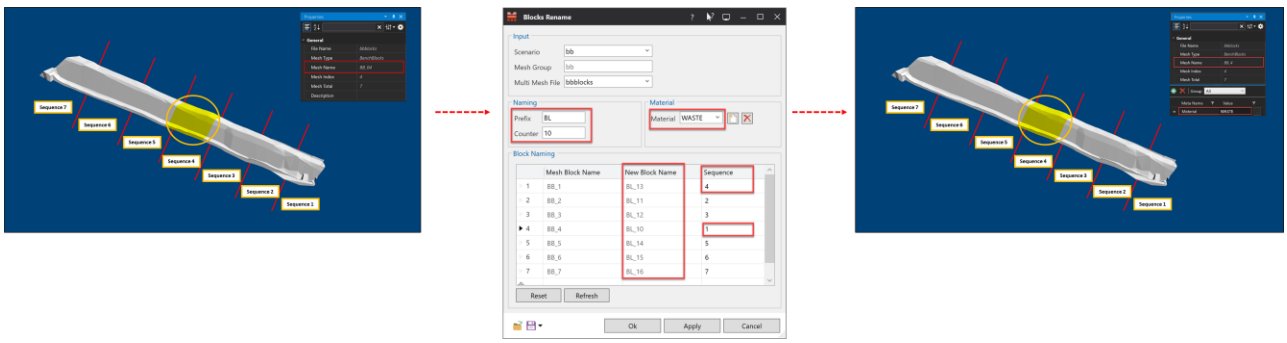
The **Blocks Update » Blocks Rename** option has been added to the **Bench Blocks** ribbon.



The **Blocks Update » Blocks Rename** option allows users to assign a unique name to individual block. Renaming **Bench Block** solids will also update the **Meta-data** values.



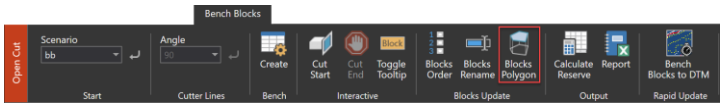
The following image showcases an example output from the **Blocks Rename** option.



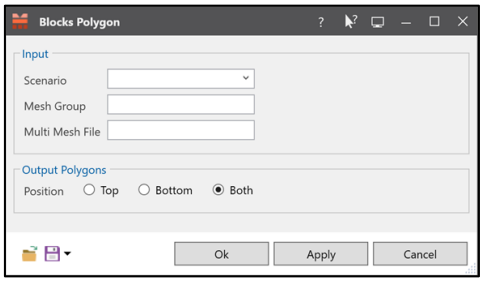
In the provided example, the solid mesh name changes from '***BB_4***' to '***BL_10***', and the mesh index shifts from the **4th** to the **1st**.

Blocks Polygon

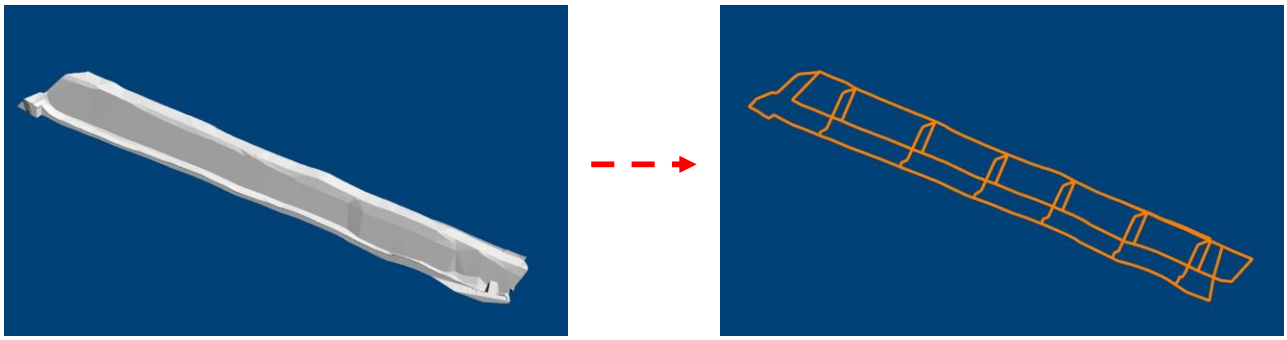
The **Blocks Update » Blocks Polygon** option has been added to the **Bench Blocks** ribbon.



The **Blocks Update » Blocks Polygon** option can be used to generate polygons from the Bench Block solids. This option allows users to create a polygon element from the selected solid mesh, either from the top, bottom, or both.

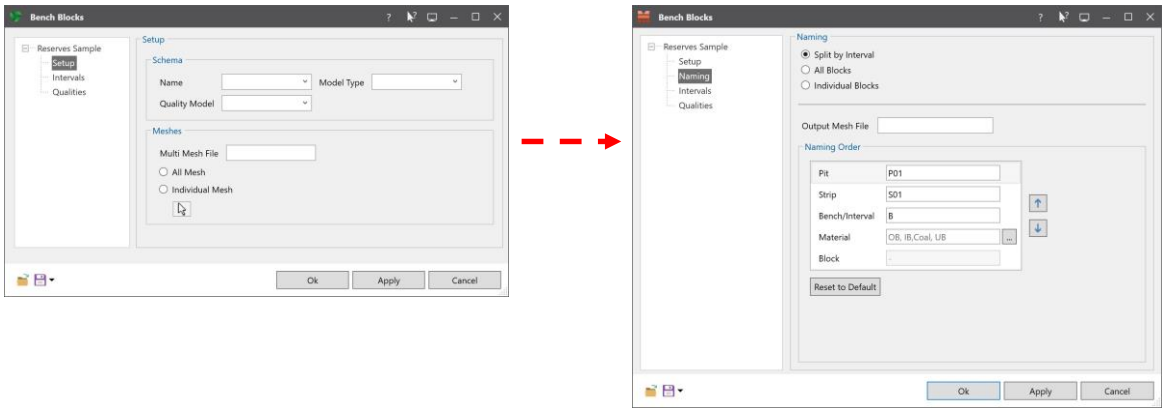


The following image showcases an example output from the **Blocks Update » Blocks Polygon** option.



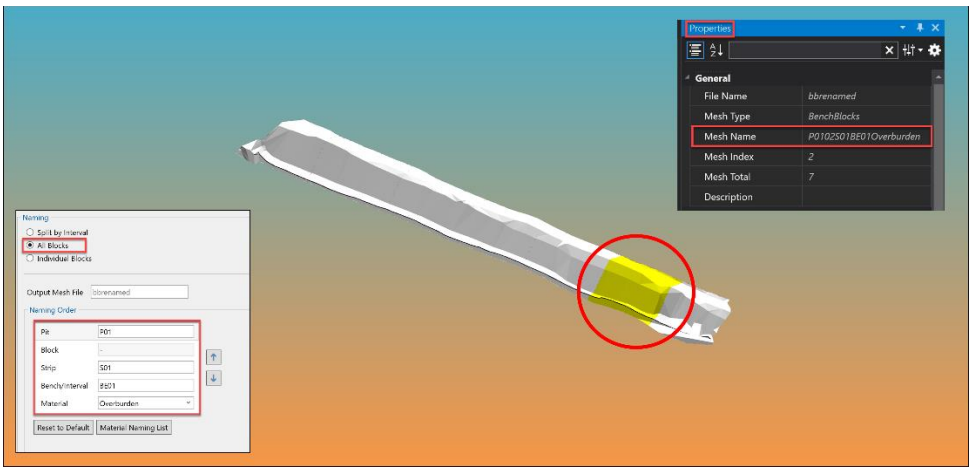
Calculate Reserve

The **Naming** node has been added to the **Calculate Reserve** form.



The **Naming** node can be used to construct the name for the solid mesh. The Naming Order will be displayed when the **All Blocks** or **Split Mesh Blocks by Interval** option is selected. The **Naming Order** has five (5) naming hierarchies: **Pit**, **Strip**, **Bench/Interval**, **Block**, and **Material**.

The following image is an example output of the **Naming** node.



In the provided example, the solid name that is generated is ***P0102S01BE01Overburden***.

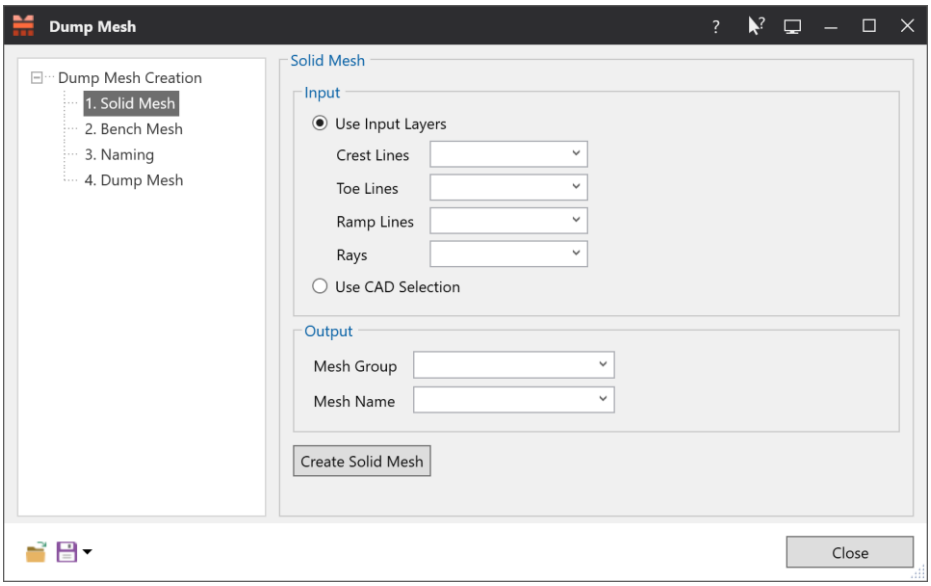
The solid name above stands for:

- **P01**: Pit name
- **02**: Block ID 02
- **S01**: Strip ID 01
- **BE01**: Bench/Interval ID 01
- **Overburden**: Material Name

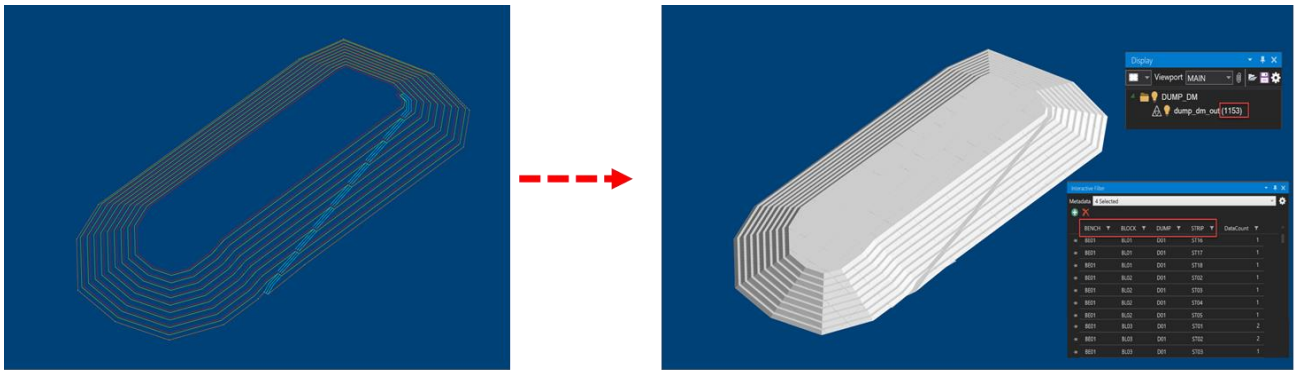
Open Cut

Dump Mesh

The **Dump Mesh** option has been added to the **Highwall Ramp** group under the **Open Cut** ribbon.



The **Dump Mesh** option allows users to create a dump mesh solid using spatial boundary definition, bench height, and block naming components. The following image is an example output of the **Dump Mesh** option.

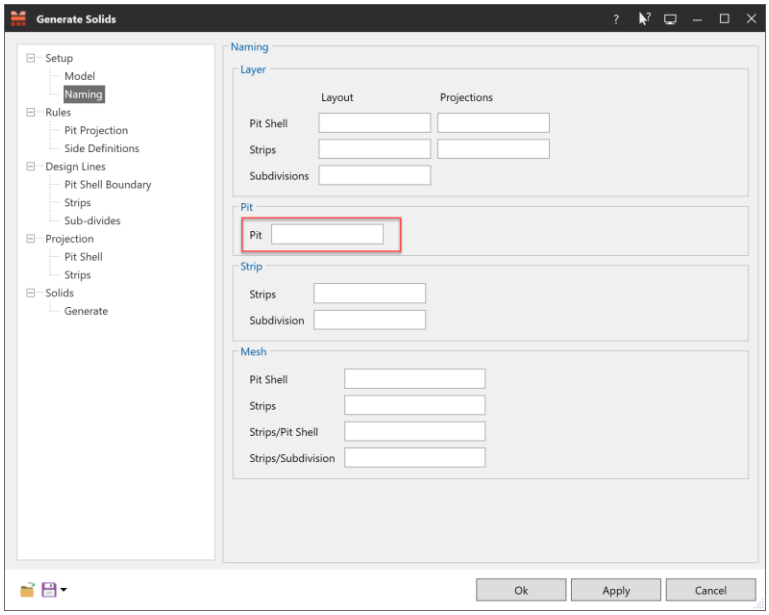


Dump Design as an Input

Dump Solid (Multi-Mesh) as an Output

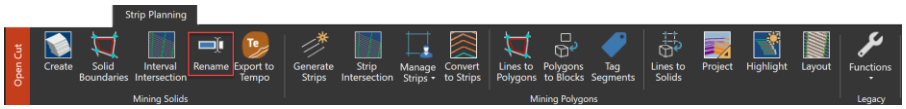
Create Engineering Solid

The **Generate Solids** form in MineScape now includes the **Pit** field in the **Naming** node. This enhancement allows users to assign a name for the Pit in the solid output. The Pit name will be registered as a **Meta-data** field.

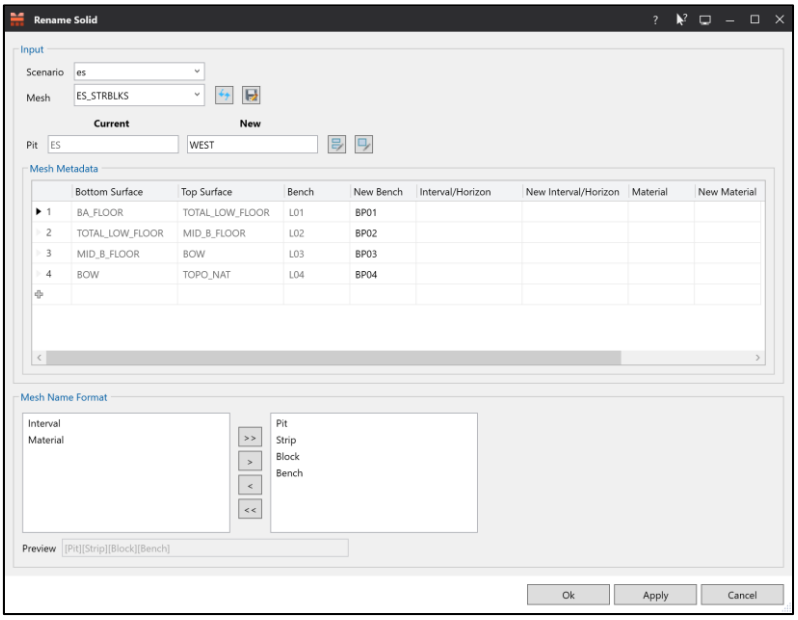


Rename Engineering Solids

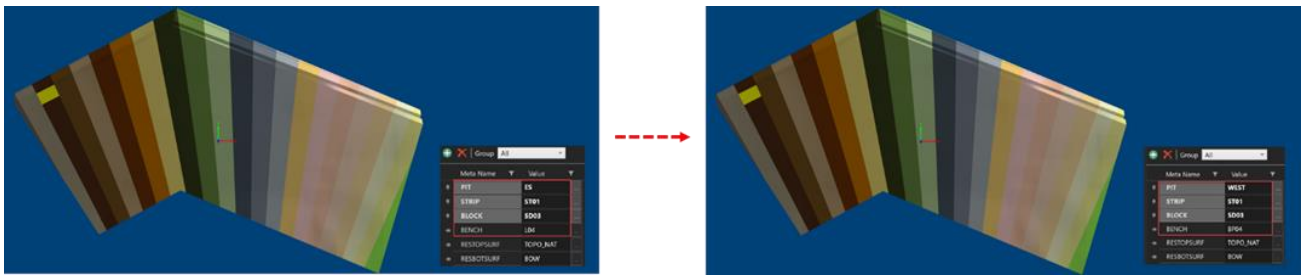
The **Mining Solids » Rename** option has been added to the **Strip Planning** ribbon.



The **Mining Solids » Rename** option allows users to rename engineering solids using multiple naming components (**Pit**, **Block**, **Strip**, **Bench**, **Interval**, and **Material**). Renaming engineering solids will also update the **Meta-data** values.



The following image is an example of the **Mining Solids » Rename** option output.

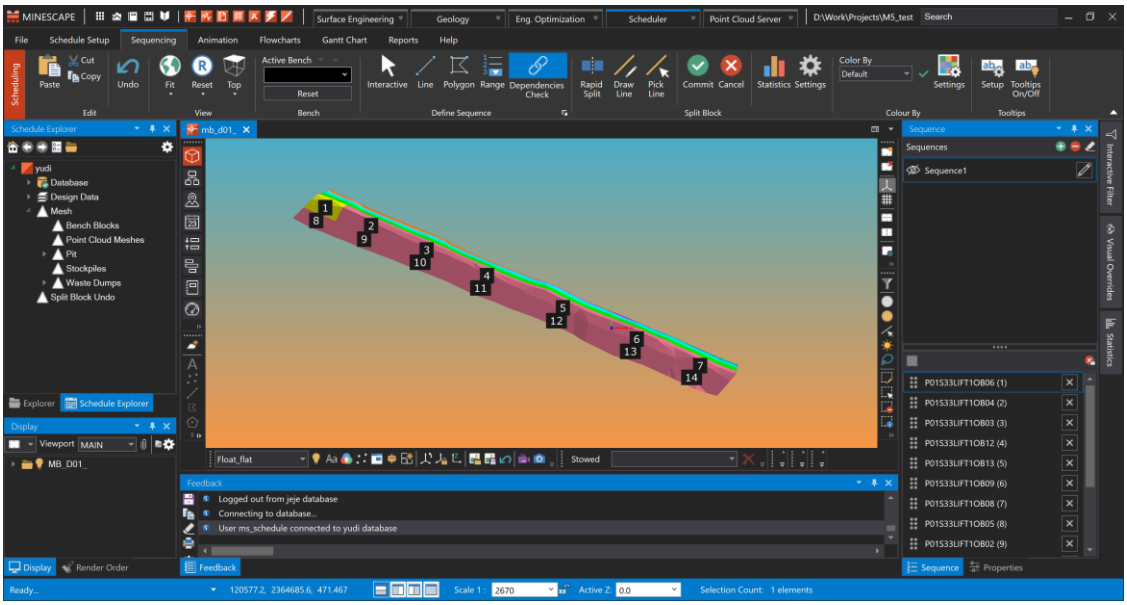


Scheduling

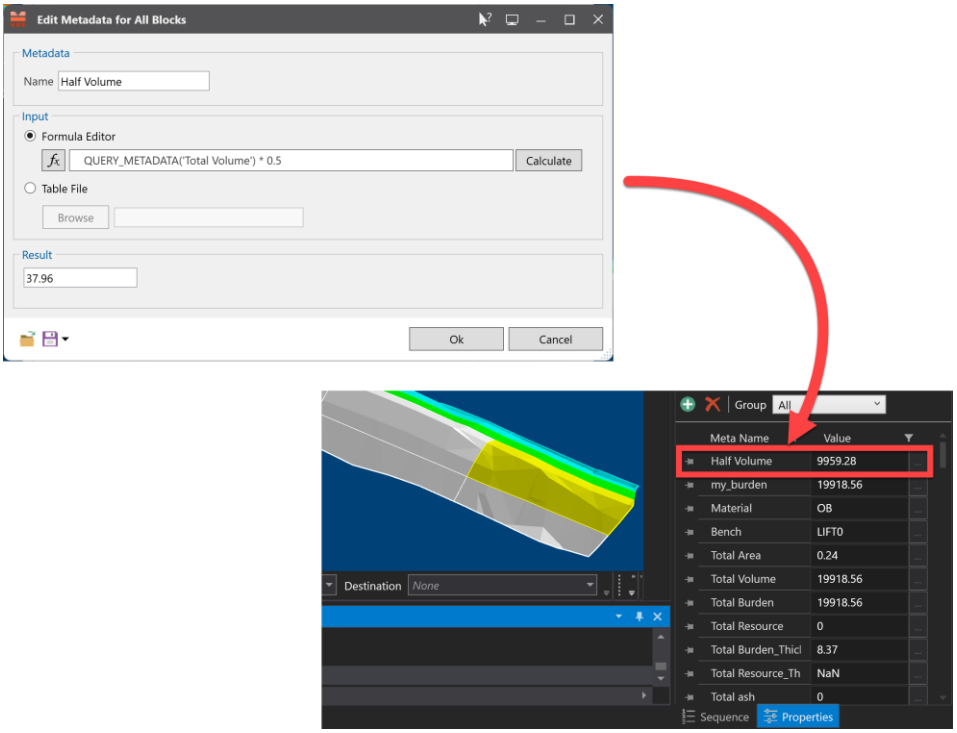
Tactical Scheduler, the latest powerful solution in MineScape 2023, helps Mine Engineers to determine the most efficient sequence for block mining. **Tactical Scheduler** seamlessly integrates with other MineScape Apps, such as **StratModel**, **Reserving** and **Open Cut,** enabling Mine Engineers to design pit and dump solids, and directly use them as input data in **Tactical Scheduler** without the need for export/import.

Tactical Scheduler offers sophisticated features, including:

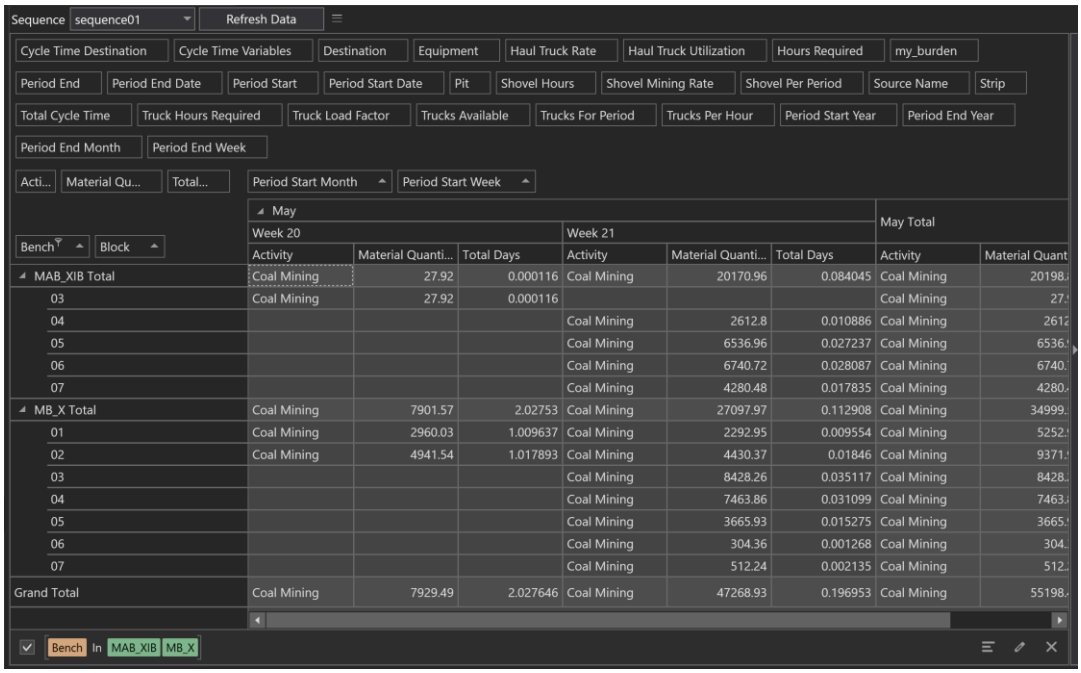
- **Sequencing –** simulate different block mining scenarios to maximise production and efficiency. The **Animation** tool provides a visual representation of the sequence and digger movement. Additionally, the built-in **CAD Recorder** tool enables users to record animations and effectively communicate the mine plan to stakeholders in an engaging way.



- **Real-Date Calendar –** create a schedule that accounts for equipment delays, allowing users to manage external factors like weather patterns or seasonal demands effectively.
- **CSV Import –** import equipment and sequence data directly from.CSV files, saving time in project setup and simplifying data management.
- **Custom Meta-data –** add important information to each block, gaining deeper insights and customisation options for scheduling operations.



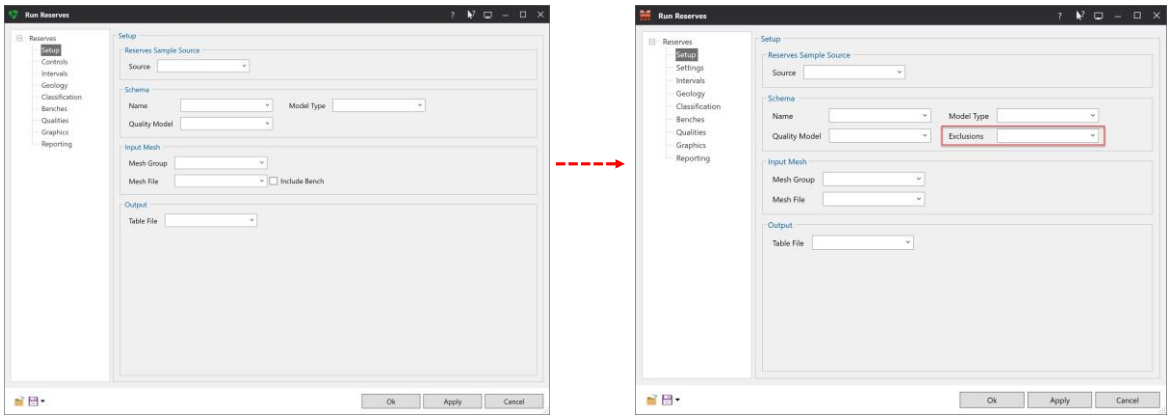
- **Pivot Grid –** generate pivot tables to analyse patterns, trends and communicate sequence progress to stakeholders. Reports can be sent to the MineScape **Dashboards** as tiles for quick insights into mining operations' current status.

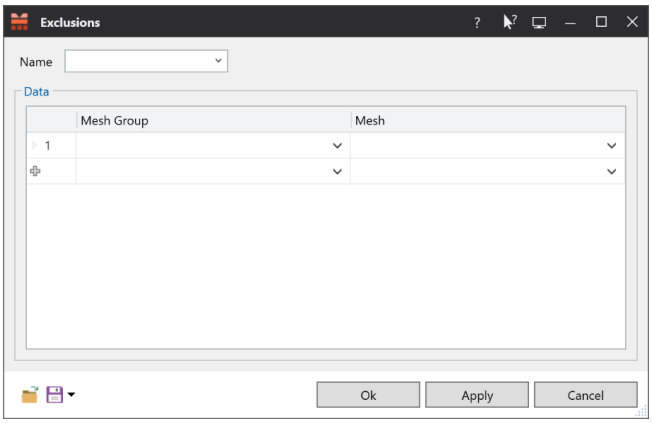


StratModel Enhancements

Exclusions

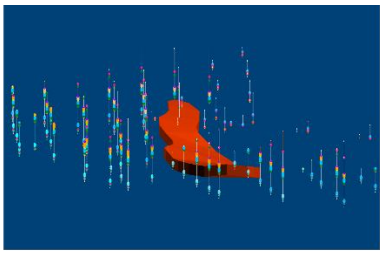
MineScape 2023 includes a new **Exclusions** field, allowing users to create a specification for excluding specific mesh solids from the **Cross Section**, **Surface Section**, **Model Resource**, **Run Reserves**, **Multipart Reserves**, and **Pit Optimization Pro** forms.



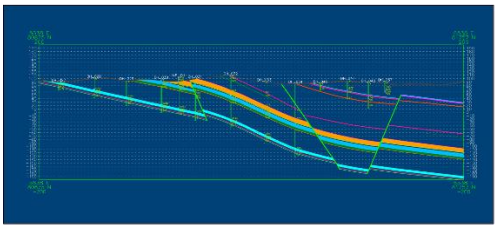


The following images provide examples of Exclusions output.

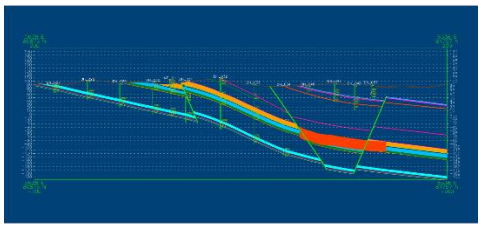
- **Cross Section**



Model with Intrusion



Cross Section With No Exclusions



Cross Section Using Exclusions

- **Reserves**

BLOCKNAME	SEAM	BURDEN	TOTALVOLUME	PLANAREA	MASS	TRUEVERTTHK	RECOVERY
4065	S03	OVERBURDEN	147,581,790.52	110.60	0.00	133.44	100.00
4065	S03	RESOURCE	347,700.15	111.31	460,650.48	0.31	100.00
4065	S03	S03	97,695.90	0.71	0.00	0.00	100.00
4065	S03	UNDERBURDEN	107,380,330.67	110.60	0.00	97.18	100.00
4065	UNASSIGNED	OVERBURDEN	6,967,940.25	5.30	0.00	131.46	100.00

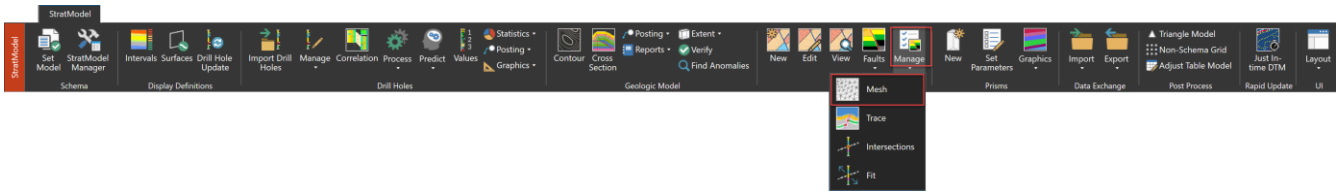
Output Table With No Exclusions

BLOCKNAME	SEAM	BURDEN	TOTALVOLUME	PLANAREA	MASS	TRUEVERTTHK	RECOVERY
4065	S03	OVERBURDEN	147,581,790.52	110.60	0.00	133.44	100.00
4065	S03	RESOURCE	334,491.53	107.07	443,163.93	0.31	100.00
4065	S03	S03	110,904.51	5.18	0.00	0.26	100.00
4065	S03	UNDERBURDEN	107,380,330.67	110.60	0.00	97.18	100.00
4065	UNASSIGNED	OVERBURDEN	6,967,940.25	5.30	0.00	131.46	100.00

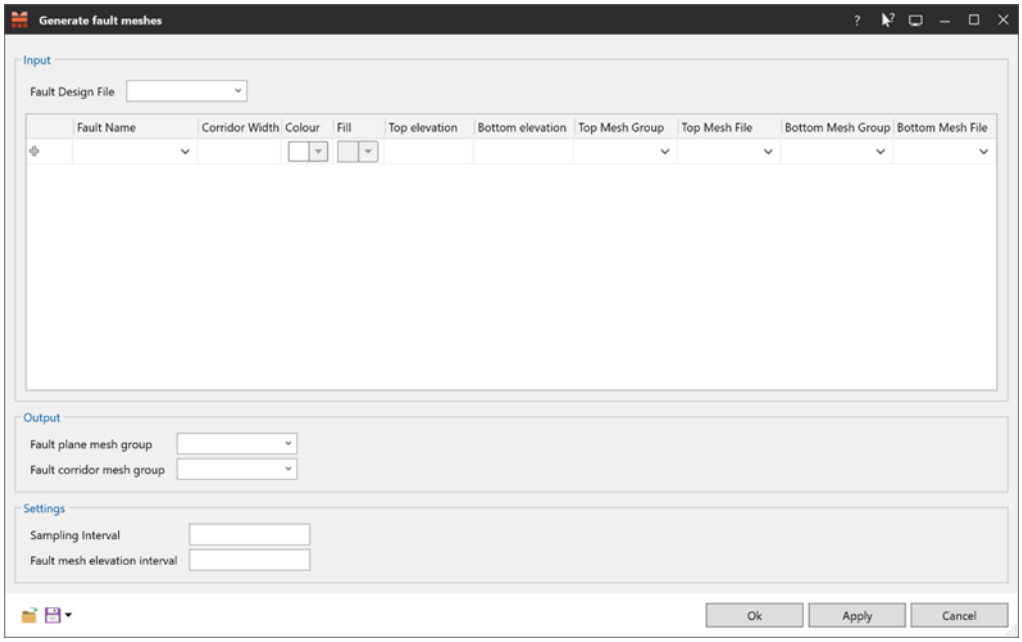
Output Table Using Exclusions

Generate Fault Meshes

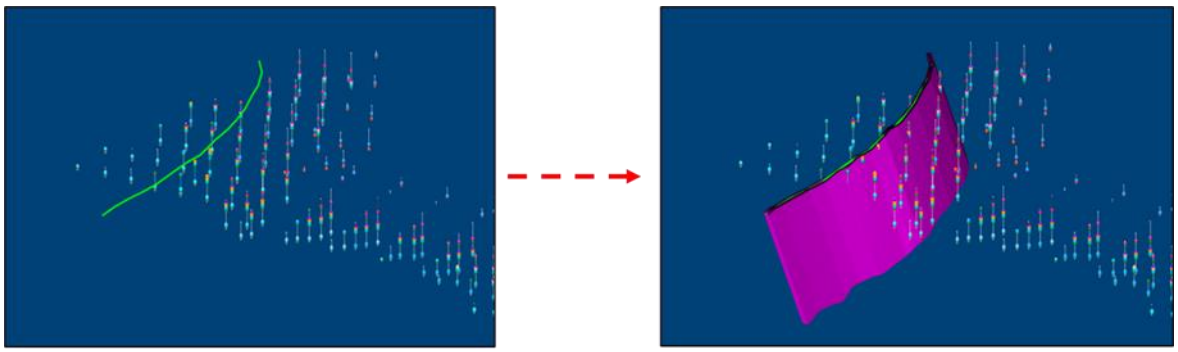
The **Manage » Mesh** option has been added to the **StratModel** ribbon.



The **Manage » Mesh** option is used to generate fault meshes based on fault data from the design file. This option constructs a fault mesh around the existing **Corridor**, offsetting the fault line to its right and left side, and projecting it to the **Top** and **Bottom Elevation** or **Mesh**. To access this option, select **Faults » Manage » Mesh** from the **StratModel** ribbon.



The image below shows an example of output of the **Manage » Mesh** option.



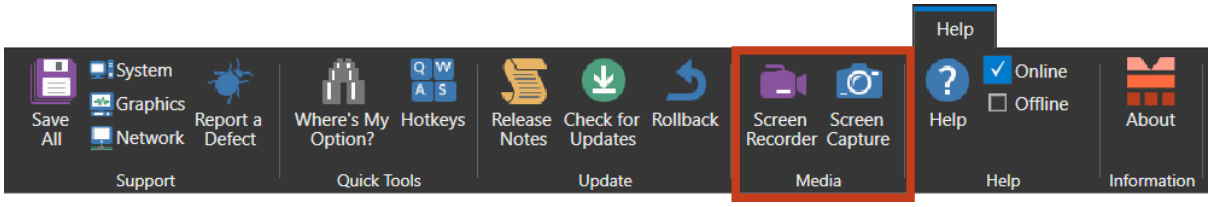
The Fault Line

The Fault Mesh

Screen Recorder and Screen Capture

The MineScape **Screen Recorder** and **Screen Capture** tools allow users to record and capture MineScape functionalities and save them as videos or images in popular media formats. These files are useful for creating reports, conducting team meetings, and seeking support from the MineScape team. Both tools are available in all MineScape Products and their associated Apps.

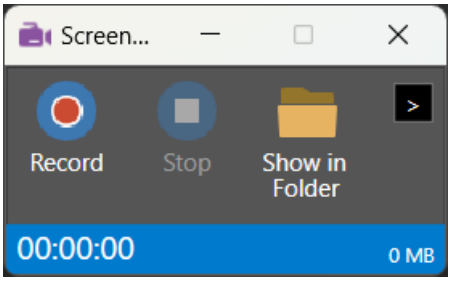
To access the **Screen Recorder** and **Screen Capture** Options, open a MineScape Project and navigate to the **Media** group under the **Help** Ribbon.



They are also accessible on the **Graphics** Toolbar**.**

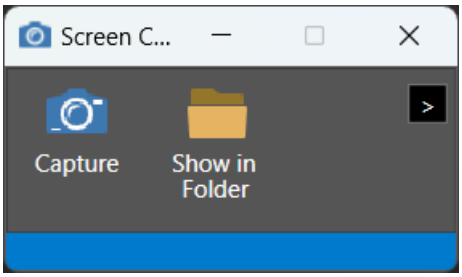
Screen Recorder

The **Screen Recorder** Tool records all activities in MineScape and creates a .MP4 video file. Users can adjust the bit rate and frame rate to meet their specific needs, purposes, and available resources.



Screen Capture

The **Screen Capture** Tool takes a snapshot of MineScape and saves it in the desired image file format. Supported file formats for saving include .JPG, .PNG, .GIF, .BMP,. EMF, and .WMF.

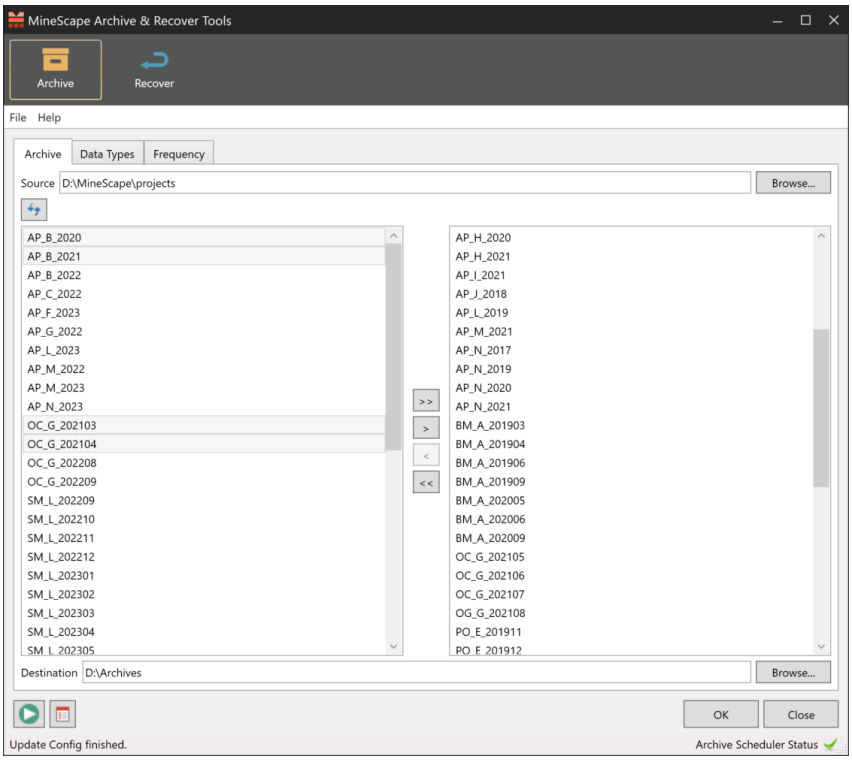


Archive & Recover Tools

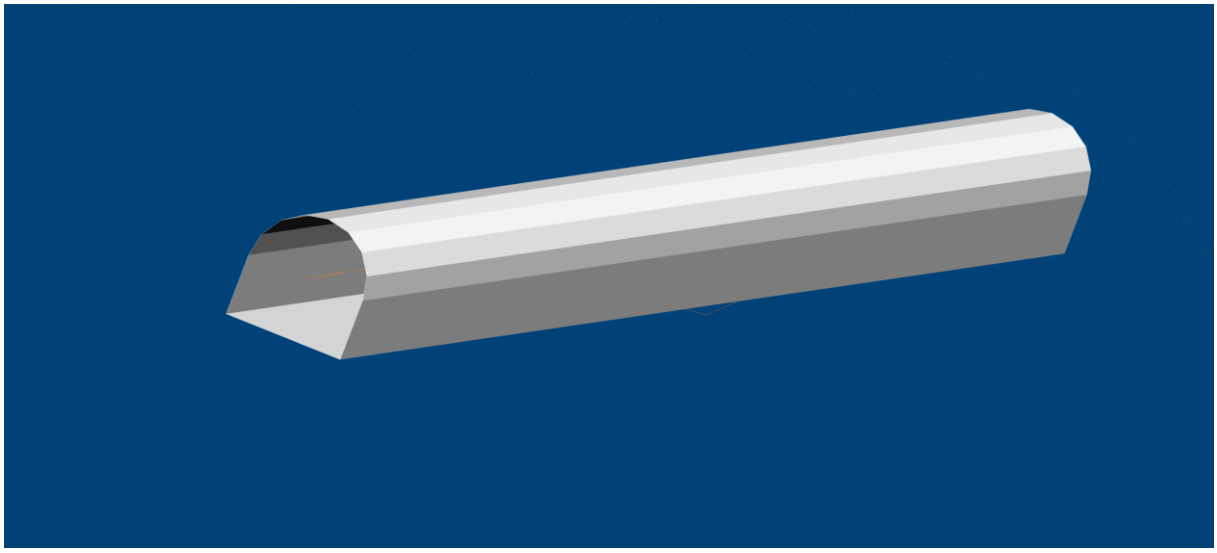
The MineScape **Archive & Recover** Tool helps users store less frequently used MineScape Project files in a designated location, whether it's on a local machine, a LAN (Local Area Network) machine, or in the Cloud.

The **Archive** Tool can be configured once and then run automatically at specific intervals. Alternatively, users can manually archive individual files via MineScape **Explorer**.

If a MineScape Project file has been archived but needs to be recovered, the **Recover** Tool can retrieve the relevant files from the archive location and automatically return them to their original Project folders.



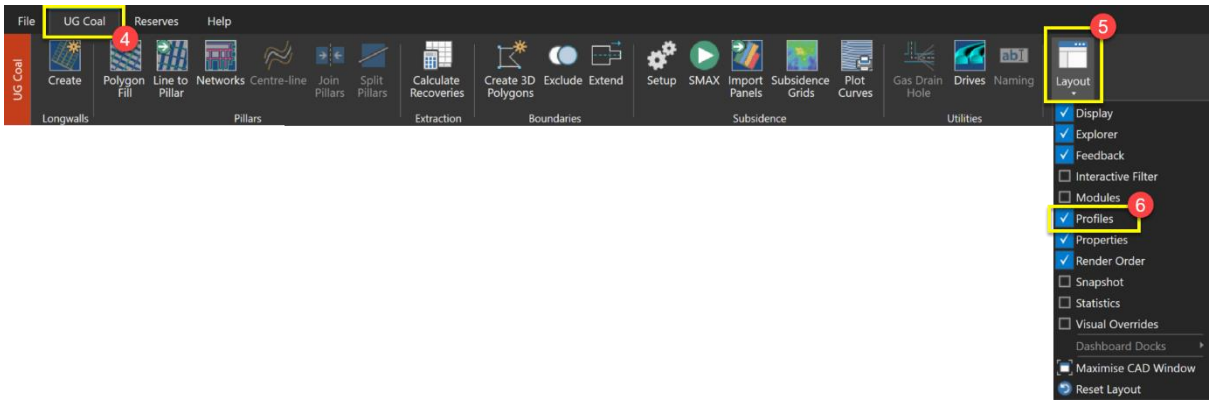
UG Profile Editor



Underground Profile Editor (UG Profile Editor) allows users to design precise and detailed underground drives. It enables users to create drives with accuracy and offers a variety of customisable templates to choose from.

To access the **UG Profile Editor** from the MineScape Start Page, load **Underground Engineering** > **UG Coal** > **UI** group > **Layout** > tick **Profiles**.

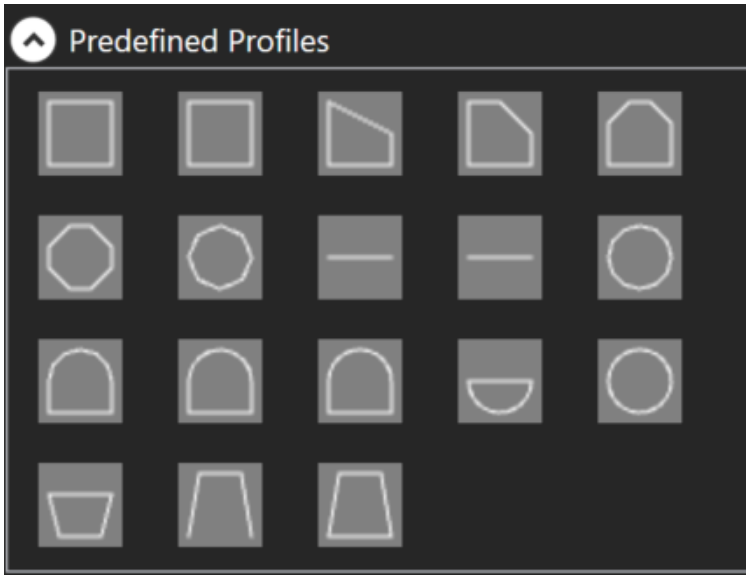
MineScape Start Page



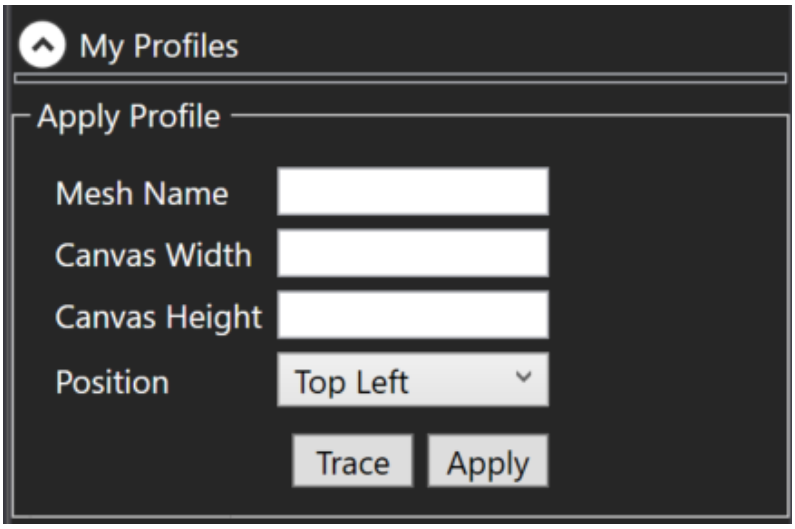
UG Profile Editor Access

UG Profile Editor allows users to create drive designs using pre-existing profiles or custom ones. The library ensures that it accommodates every shape and complexity of a drive. The Profiles Panel consists of two types: Predefined Profiles and My Profiles.

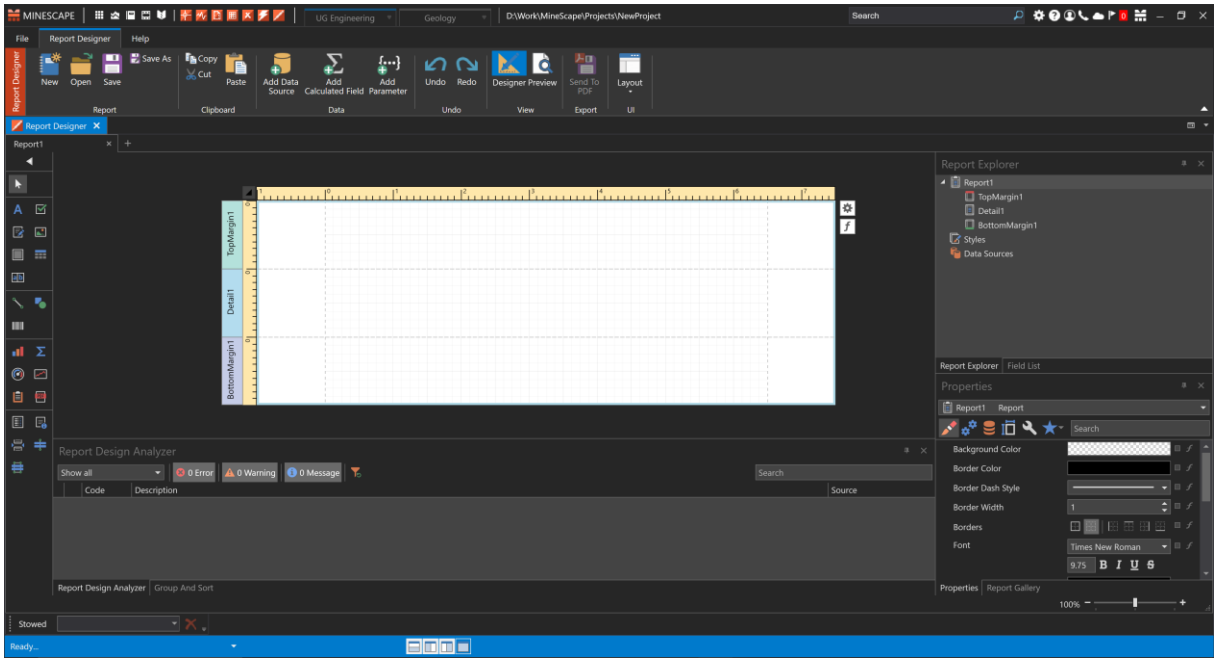
The **Predefined Profiles** Panel provides pre-existing drive shapes that users can directly use. The available shapes include square, circle, straight lines, dome, and more.

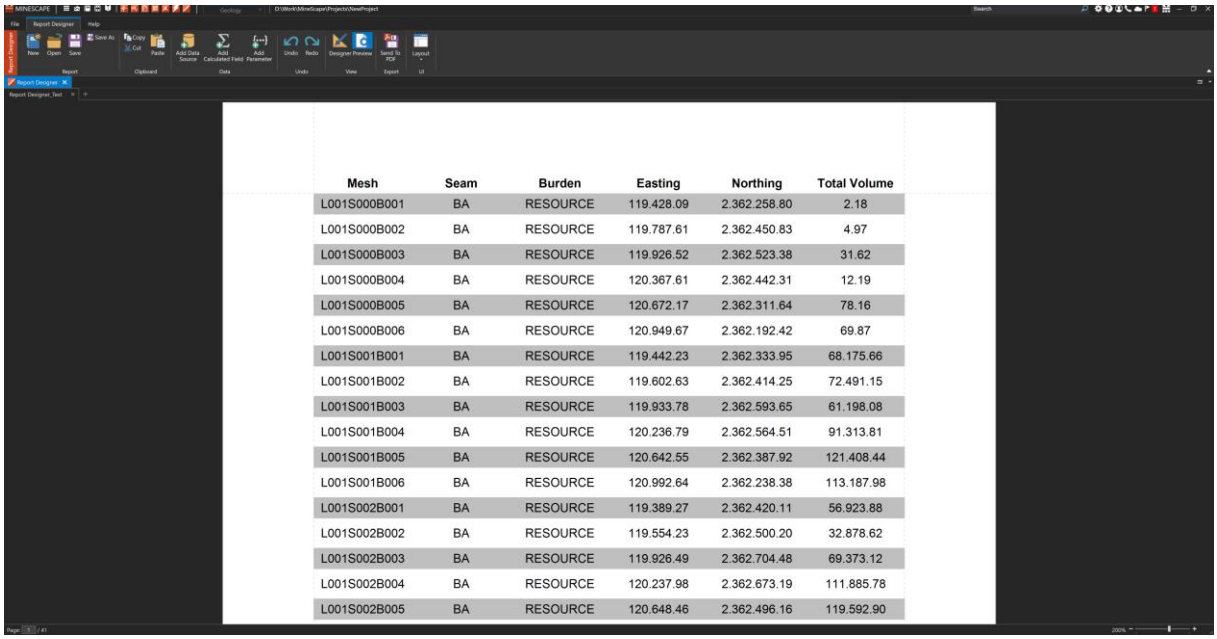


The **My Profiles** Panel allows users to create their own profiles, enabling customisation of the mesh name, canvas width and height, and position.


My Profiles
Apply Profile
Mesh Name
Canvas Width
Canvas Height
Position
Top Left
Trace
Apply

Report Designer





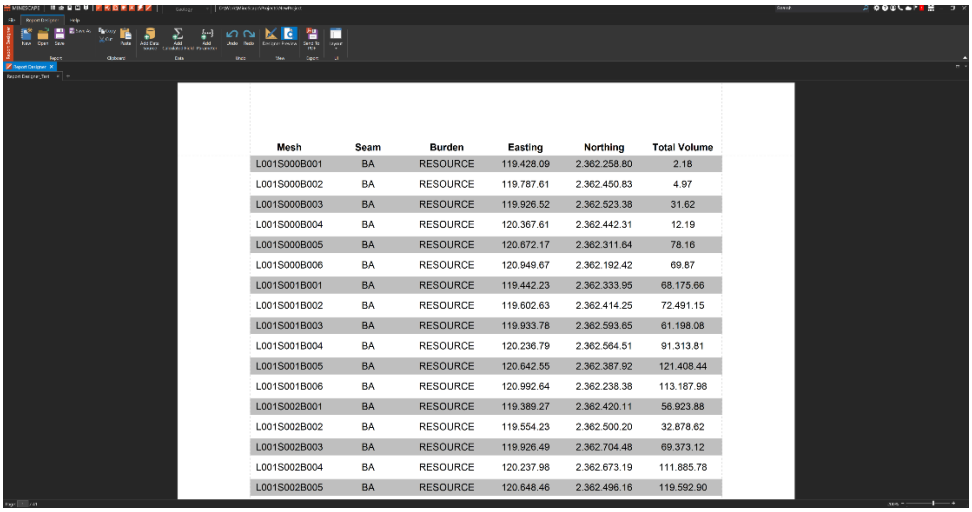
Mesh	Seam	Burden	Easting	Northing	Total Volume
L001S000B001	BA	RESOURCE	119.428.09	2.362.258.80	2.18
L001S000B002	BA	RESOURCE	119.787.61	2.362.450.83	4.97
L001S000B003	BA	RESOURCE	119.926.52	2.362.523.38	31.62
L001S000B004	BA	RESOURCE	120.367.61	2.362.442.31	12.19
L001S000B005	BA	RESOURCE	120.672.17	2.362.311.64	78.16
L001S000B006	BA	RESOURCE	120.949.67	2.362.192.42	69.87
L001S001B001	BA	RESOURCE	119.442.23	2.362.333.95	68.175.66
L001S001B002	BA	RESOURCE	119.602.63	2.362.414.25	72.491.15
L001S001B003	BA	RESOURCE	119.933.78	2.362.593.65	61.198.08
L001S001B004	BA	RESOURCE	120.236.79	2.362.564.51	91.313.81
L001S001B005	BA	RESOURCE	120.642.55	2.362.387.92	121.408.44
L001S001B006	BA	RESOURCE	120.992.64	2.362.238.38	113.187.98
L001S002B001	BA	RESOURCE	119.389.27	2.362.420.11	56.923.88
L001S002B002	BA	RESOURCE	119.554.23	2.362.500.20	32.878.62
L001S002B003	BA	RESOURCE	119.926.49	2.362.704.48	69.373.12
L001S002B004	BA	RESOURCE	120.237.98	2.362.673.19	111.885.78
L001S002B005	BA	RESOURCE	120.648.46	2.362.496.16	119.592.90

The **Report Designer** is a tool that aids mining professionals, such as Mining Engineers, Surveyors, and Geologists, in creating and designing personalised reports. Users can design templates, select data sources, and generate PDF outputs.

Report Designer supports multiple report types, including standard tables with headers, dashboard reports, invoices, inventory reports, and more. Users can customise the report's visual appearance by adjusting colours, fonts, and data positions to make it more engaging.

The key capabilities of the **Report Designer** tool are as follows:

1. Create various types of reports, ranging from basic to more complex master-detail (hierarchical) and cross-tab reports, such as Table Report, Multi-column Report, and more.



Mesh	Seam	Burden	Easting	Northing	Total Volume
L001S000B001	BA	RESOURCE	119.428.09	2.362.258.80	2.18
L001S000B002	BA	RESOURCE	119.787.61	2.362.450.83	4.97
L001S000B003	BA	RESOURCE	119.926.52	2.362.523.38	31.62
L001S000B004	BA	RESOURCE	120.367.61	2.362.442.31	12.19
L001S000B005	BA	RESOURCE	120.672.17	2.362.311.64	78.16
L001S000B006	BA	RESOURCE	120.949.67	2.362.192.42	69.87
L001S001B001	BA	RESOURCE	119.442.23	2.362.333.95	68.175.66
L001S001B002	BA	RESOURCE	119.602.63	2.362.414.25	72.491.15
L001S001B003	BA	RESOURCE	119.933.78	2.362.593.65	61.198.08
L001S001B004	BA	RESOURCE	120.236.79	2.362.564.51	91.313.81
L001S001B005	BA	RESOURCE	120.642.55	2.362.387.92	121.408.44
L001S001B006	BA	RESOURCE	120.992.64	2.362.238.38	113.187.98
L001S002B001	BA	RESOURCE	119.389.27	2.362.420.11	56.923.88
L001S002B002	BA	RESOURCE	119.554.23	2.362.500.20	32.878.62
L001S002B003	BA	RESOURCE	119.926.49	2.362.704.48	69.373.12
L001S002B004	BA	RESOURCE	120.237.98	2.362.673.19	111.885.78
L001S002B005	BA	RESOURCE	120.648.46	2.362.496.16	119.592.90

2. Present data using a comprehensive range of user interface elements to enhance clarity, such as customizing the background colour for odd rows, adjusting data grouping options, and more.
3. Support major data providers such as Excel and Database (SQL).
4. Generate editable and secure PDF reports.

Defects

This section lists all bug fixes and corrections delivered through MineScape 2023.

#31973 – Issue when importing log File Name from gdb_run_scripts.log

Problem: In GDB apps, the date stamp or temp name was missing when importing log file name from gdb_run_scripts.log.

#32515 – Issue when opening Image Blob Files.

Problem: In GDB apps, image Blob files couldn't be displayed.

#32869 – Error message appeared when saving Lithology codes.

Problem: In GDB apps, an error message appeared when Saving Lithology Codes more than ten.

#36760 – Unable to Unload Grid File by unchecking the Checkbox.

Problem: The grid file couldn't unload after unchecking the check box. This occurred when the Grid file was opened using the View context menu.

#36836 – Batchplotting Issue.

Problem: The method calls to load between Batch Spec & Batch Template didn't work properly.

#37342 – The Sampling parameters and Mesh file did not honour the Selected Source.

Problem: The Sampling section within the Settings node displayed all sampling parameters when the Generic Mesh and Engineering Multi-Mesh source were selected. When the Generic Mesh file was selected, the Mesh file dropdown list didn't display.

#37896 – The Metadata was not Displayed After Reloading the Block Intersected Mesh.

Problem: In the Bench Blocks app, The Meta-data was not displayed after reloading the intersected mesh result.

#38155 – The Patch Operation in Just In-Time DTM running was Failed.

Problem: The error displayed when running the Patch operation in Just In-Time DTM.

#38200 – Reconciliation Option in Polish version listed as Two Options "Rozliczenie" and "zasobów" in the Multipart Reserves Source Field.

Problem: The option should be listed as ‘Rozliczenie zasobów’.

#38220 – MineScape Crashed After Clicking on the North Arrow when using "Fence Zoom" Mode.

Problem: In the Plot Designer app, MineScape crashed after clicking on the North Arrow using the "Fence Zoom" mode.

#38221 – Couldn’t ‘Find Elements by Meta-data’ if the Meta-data Name was using <space>.

Problem: The Find Elements Option did not work if searching string field was filled with <space>. For example, the meta-data name was “Red Color”, then the Find Elements option would work by entering the Search field with “Red” instead of “Red Color”.

#38300 – Unable to Create Reports From Run Reserves

Problem: The Run Reserves module completed successfully but the report was not created.

#38320 – The Error Messages Displayed When Running Generate Crests and Toes.

Problem: The error messages displayed when running the generate crests and toes options.

#38345 – The Mesh Graphics Output from Imported ASCII File Did not Appear Smooth.

Problem: The mesh graphics output from the imported ASCII file did not appear smooth.

#38353 – The Mesh Export Overwrote the Output When the Individual Files Check Box was Selected.

Problem: The mesh export overwrote the output when the Individual Files check box was selected and the Overwrite checkbox was unselected.

#38356 – Follow Element Issue for the Specific Element.

Problem: There was an unwanted line created when running the Following Element option.

#38380 – Improper Error Message Displayed for the Empty Output Folder when Exporting the Mesh to AutoCAD file.

Problem: Improper error message displayed for the empty output folder when exporting the mesh to an AutoCAD file.

#38400 – The Meta-data Field in Interactive Filter Was Not Enabled After Running the Calculate Reserves option.

Problem: In the Bench Blocks app, the Meta-data field in the Interactive Filter tab was not enabled automatically after running the Calculate Reserves option.

#38423 – The Output Mesh from the Calculate Reserves - Split Mesh Block by Interval Was Not Listed under the Bench Blocks Node Within Minescape Explorer.

Problem: The output mesh from the calculate reserves - split mesh block by interval option should be listed under the Bench Blocks » Scenario» Mesh node within Minescape Explorer.

#38438 – The Output Mesh File from the Intersected Block Process Was Not Automatically Loaded in the CAD Window.

Problem: A re-open was needed to load the output mesh file from the intersected block process in the CAD window.

#38442 – Copy Duplicate of GDS File into Design File Failed.

Problem: After selecting Copy duplicate GDS file into Design file, no elements were copied.

#38500 –The GDB Report Module Did Not Run When Using a Specific Database.

Problem: The .xlsx report was not created, and an error message was displayed when the GDB report module was run using the Specific database.

#38562 – Resource Keys Were Displayed in the Visual Overrides Height Cue Form.

Problem: Resource keys should not have been displayed in the Visual Overrides » Height Cue Form.

#38595 – Unable to Use the Filter and Create Mesh Options in the Mesh - Point Cloud Ribbon Group.

Problem: The Filter and Create Mesh Form were not displayed after selecting the Filter and Create Mesh Option in Point Cloud group under the Mesh Ribbon.

#38646 – The Follow Mesh Surface Grid Checkbox Option Did Not Enable When Wireframes Sample Source Was Selected in the Multipart Reserves Form.

Problem: The Follow Mesh Surface Grid Checkbox Option was not displayed when wireframes sample source was selected in the Multipart Reserves Form.

#38660 – An Error Message Was Displayed When Running the Reserves for the Generic Mesh Sample Source.

Problem: An error message was displayed when running the reserves for the generic mesh sample source.

#38682 – An Error Message Was Displayed When Importing the DWG File.

Problem: An error message was displayed in the Feedback Tab when importing the DWG file.

#38701 – The Licence Info Column Header Changed Colour After Loading the Product.

Problem: The column header was displayed in grey colour, making it barely readable.

#38722 – Model Statistic Report Issue.

Problem: An error message was displayed in the Feedback tab.

#38724 – The Table Names Were Not Listed in the Data Grid Within the Project Setup » Validation » Depths Node (Using Oracle).

Problem: The table name should be listed Data Grid within the Project Setup » Validation » Depths Node when using Oracle.

#38764 –The Menu from the Search Box Could Not Be Used When the Action Was Not Completed and the Project Was Reopened.

Problem: The Search Box remained stuck with the previous selection due to an incomplete action process when closing the project.

#38771 – GDB Interval Rename Issue.

Problem: When the Graphics » Correlate » Replace Option was run on the 15th interval, all graphics settings were dropped, and it became impossible to make any graphical updates using any functions.

#38774 – The SRP Cut Nodes Generated an Improper Polygon Using Dragline Pit Data.

Problem: The polygon projection was displayed diagonally.

#38778 – The Reserves Report Was Not Created.

Problem: The exception message was listed in the Log File, and the Report was not created or listed under Workbooks Node.

#38782 – An Error Message Was Displayed When Running Reserves Using Engineering Multi-Mesh and Generic Mesh Sample Source.

Problem: The Module did not complete successfully, and an error message was displayed when attempting to run the Run Reserve Option.

#38839 – The Hidden Layer in CAD Window Was Displayed in the Plot Designer After Selecting the Send to PDF Menu.

Problem: In the Plot Designer Apps, the hidden layer appeared on the Plot Design File.

#38926 – An Error Message Was Displayed After Selecting the Column Name in the GDB » Import » Text Option.

Problem: The error message was displayed in the Feedback Tab after selecting the Column Name in the GDB » Import » Text Option.

#38971 – Incorrect Result in the Run Reserve Polygon.

Problem: The output values of the Run Reserve Polygon were incorrect.

#39046 – Reclamation Limit and Grade Lines Issue.

Problem: MineScape did not remember the selected grade lines and limit lines from one section balance to another.

#39047 – The Data Grid Slider Was Unavailable in the Tag Point Graphics Form.

Problem: In Dragline Apps, the Data Grid Slider did not enable within the Tag Point Graphics Form.

#39060 – Importing Minex Grid ASCII File Issue.

Problem: Schema was not created and Separate Qualtity options didn’t work.

#39067 – Searching Menus Issue.

Problem: Specific menus were not available on the Search box.

#39084 – Viewport Grids Did Not Appear in Section View.

Problem: Viewport grids do not appear in section view when the Grid tools was On.

#39086 – Render Order Issue in Plot Designer.

Problem: The priority level in the Render Order didn't work on Plot Designer.

#39114 – Input Parameters for Surface Data Source Field After Re-Open the Contour Form.

Problem: The Input section in the Setup node within the Contour - Surface form displayed different parameters after clicked Apply and re-opened the form.

#39127 – Engineering Multi-Mesh Reserves Issue.

Problem: The blocks above reserve Topography were calculated in the output.

#39129 –Just in time DTM Performance Issue.

Problem: The Just In-Time DTM needed two hours to complete the process.

#39240 – GDB » Admin Ribbon Issue

Problem: In GDB apps using Oracle, all the groups under Admin ribbon were disabled.

#39253 – MineScape Crash When Import Data for The First Time.

Problem: MineScape crashed when opening the Import Design Data form for the first time and running it with the MineScape auto-update.

#39724 – The Title Bar of Minescape Page Truncated When Load Some MineScape Products.

Problem: The title bar of MineScape page truncated when load some product using specific resolution (4K included).

#39724 – The Title Bar of Minescape Page Truncated When Load Some MineScape Products.

Problem: The title bar of MineScape page truncated when load some product using specific resolution (4K included).

#39851 – Solid Interval Was Not Fully Displayed in The Split by Interval Result.

Problem: The solid interval was not fully displayed in the Split by Interval result, and the error message was displayed when running the Calculate Reserve option.

#40232 – Applying Georeferenced Image as Texture Was Failed.

Problem: Failed to apply georeferenced image as texture and the error message was displayed.

#40285 – Creating Mesh Between Surface Issue.

Problem: The Mesh Solid was not created, and the error message was displayed.

#40292 – Missing lithology Code Description in Dictionary » Validation.

Problem: In Validation Setup form under the GDB apps, the Litology Codes list was not ordered and limited to 150 items.

#40316 – Failed to Auto Adjust App Switcher Based on Minescape Window Width.

Problem: App switchers were not resized, then made some content in header were not visible.

#40434 – Bench Block Intersection Issue.

Problem: Interval intersection was not intersected correctly when running Calculate Reserve - Split by Interval with topography as the top surface.

#40475 – File Context Menus Was Not Available for the Surfaces Field in Mine Plan Node.

Problem: In Short Range Planning form, file Context Menus was needed for the Surfaces field in Mine Plan Node.

#40493 – The Interval Intersection Mesh Which Was Selected in The Interactive Filter Tab Was Not Displayed in CAD Window.

Problem: The Interval Intersection Mesh output was not displayed in CAD window after selected that mesh in the Interactive Filter tab.

#40494 – An Incorrect Node Displayed in Minescape Explorer.

Problem: The incorrect node displayed in MineScape Explorer.

#40500 – The Error Message Was Displayed When Running Short Range Planning.

Problem: The error message appears when running short range planning using new drapped line.

#40502 – Mesh Surfaces Were Not Listed as Source Surface.

Problem: Mesh surfaces were not listed as source surface in the Surface Inspector form.

#40503 – Ability to Delete a Segment Within a Layer While in View Mode.

Problem: The segment within the Layer in View mode was able to be deleted.

#40508 – The Report Model Statistic Output Did Not List All Available Intervals.

Problem: In the StratModel app, not all intervals were listed and included in the Geologic Model » Reports » Model Statistic output.

#40513 – Lithology Insertion issue

Problem: The Error message appeared when inserting lithology in GDB.

#40514 – Average Assays Crashed GDB Server When Assay Table Had Many Columns.

Problem: In the GDB apps, the server crashed and an error message appeared in the feedback tab when the assay table had many columns.

#40515 – Modify Schema Issue.

Problem: In the GDB apps, Modify Schema crashed when attempting to retrieve sheet information directly. A crash report appeared, and MineScape had to be closed.

#40516 – LAS Import Issue in GDB Apps.

Problem: In the GDB apps, a crash report appeared when loading more than 50 LAS mapping formats.

#40550 – Exported Multiple Mesh to AutoCAD Were Saved in 0 Layer.

Problem: Mesh export written into wrong layer (each mesh was not written in an individual layer).

#40669 – Dragline Section Issue When Opened.

Problem: When the Dragline Section was opened, the view was not automatically fitted, and the Z-axis was rotated 180 degrees.

#40670 – The Temporary Graphic For "Show Material Detail" Didn't Display and Couldn't Be Moved.

Problem: The temporary graphic for "Show Material Detail" was not displayed and couldn't be moved.

#40671 – Merged Dragline Area Issue.

Problem: Inconsistent result occured when Dragline area was merged.

#40672 – Dragline Area Didn't Flash When Performing Split Material.

Problem: The Dragline area didn't flash when performing a split material.

#40673 – The Merge Material Result Created Inconsistent Polygons.

Problem: In Dragline apps, the merge material result created inconsistent polygons.

#40675 – The 'Tag Intersect' Issue.

Problem: In Dragline apps, the 'Tag intersect' function was not working.

#40676 – Text Selection From 'Show Material' Could Not Be Done.

Problem: Text selection from 'Show Material' could not be done.

#40689 – Patch Generation Initiation Failed When Just In-Time DTM Was Ran.

Problem: Patch generation initiation was failed when Just In-Time DTM was ran.

#40723 –An Error Message Was Displayed When the Split Material Function Was Run.

Problem: An error message was displayed when the Split Material function was run.

#40799 – Issue with Pin Selected Rows Button on Metadata Properties.

Problem: The use of the 'Pin Selected Rows' button was not intuitive.

#40888 – Failure to Move, Delete Vertex, and Add Triangle from Vertex.

Problem: In the Mesh ribbon, an error occurred when attempting to move a vertex. When deleting a vertex, the feedback indicated successful vertex deletion, but no vertex was removed in the CAD. Additionally, when trying to add a triangle from a vertex, nothing happened. It should have prompted to select the second and then the third point.

#41164 – Tag Point Issue Occurred in The Replay File.

Problem: Tag Point issue occurred in the Replay File.

#41258 – An Error Message Appeared After Selecting the App Builder Icon When No SDK Was Installed.

Problem: An error message appeared after selecting the App Builder icon when SDK was not installed.

#41262 – The Grid Continued to Be Displayed in The CAD Window Even After It Was Toggled Off.

Problem: The grid continued to be displayed in the CAD window even after it was toggled off.

#41264 – Failure to Drape Element to Mesh in Minesite.

Problem: After running the Drape function, nothing happened with the element.

#41282 – Reserves Values Were Not Available on The Standard Reserve Report Output Table.

Problem: Reserves Values were unavailable on the Standard Reserve Report output table when the decimal separator was set to a comma.