

GEMS 6.7.4**Enhancements****GEMS**

- **Multiple search ellipses can be saved as solids**

Previewed search ellipses (**Tools > Geostatistics > Preview Search Ellipse**) can be now saved as solids.
- **Data transformations for Geostatistics**

Results in Geostatistics reports now indicate when a transformation has been applied to the data.
- **Option to show solid as a filled outline on section**

Using display override settings, solid-plane intersections can now also be displayed as filled polylines.
- **Support for SQL Server 2016**

You can now create new projects or connect to existing projects using a SQL 2016 database.
- **Basic Statistics supports multi-folder block model attributes**

A basic statistical analysis can now be performed on multi-folder block models. The **Data** tab of the *Basic Statistics* dialog box now supports selecting attributes from multi-folder block models.
- **Default option for Initialize Block Attribute dialog box**

When block selections are active, the default selection range is the **Blocks in the current selection** option in the *Initialize Block Attribute* dialog box.
- **Support for polylines light table display**

You can use the new **Polyline> Display> Light Table Display Options** command to display polylines from two reference planes in addition to the polylines from the current plane. Polylines from the additional planes are shown for reference only. You cannot edit or work with them.
- **Moving to previous or next section for inclined planes**

You can now use the **Previous Section** and **Next Section** commands to view adjacent inclined section planes.
- **Progress bar for Validation Plots dialog box**

The *Validation Plots* dialog box now has a progress bar to show the status of the block and/or point data extraction.
- **Microsoft Access projects updated to support virtual tables**

Microsoft Access projects now support base tables that contain virtual tables. Additional catalog tables are added to the datagroup database for the project.
- **Progress bar for updating workspaces with declustered weights**

The *Decluster* dialog box now has a progress bar to show the status of the point and point area data being processed.

Issues Fixed

GEMS

- **Points displayed on polylines using incorrect colour**

When the 'Use the same colour as the line' option is selected for displaying polylines, the displayed points are now the same colour as the line.
- **Unable to create interpolation profile with data between two points**

You can now specify limiting points when you create a new interpolation profile.
- **Date labels for polygons display incorrect format**

Labels for dates display as set for the project (**File > Properties > Specify Date/Time Preferences**). Labels for dates for newly digitised polygons display as set in the Structure Editor.
- **Plotting multiple planes for solids**

You can plot multiple planes when plotting solids.
- **Cut Evaluation report incorrectly updated**

The data for previous runs of Cut Evaluation is now correctly flushed and updated in the Cut Evaluation Excel report.
- **Labels for surface blast design for small display sizes**

GEMS now correctly displays labels for surface blast design for small display sizes. The label size for surface blast design can also be changed in fractional values inline with the surface blast design symbol.
- **Unable to use Surface Blast option for plotting**

The symbols in surface blast plots now dynamically change when you zoom in or out.
- **GEMS exits unexpectedly when repairing a solid with multiple holes**

Repairing a solid with multiple holes no longer causes GEMS to exit unexpectedly.
- **Unavailable option in Line Display Overrides dialog box**

The 'Display labels parallel to the line segment' option, which was previously unavailable, has been removed from the *Line Display Overrides* dialog box (**Polyline > Display > Display Overrides**).
- **Planes with the same name corrupt the data of polygons**

To prevent data from becoming corrupted, planes with duplicate names can no longer be created.
- **GEMS and PlotMaker cannot load older .ggp files**

GEMS and PlotMaker continue to respond after loading older .ggp files with text elements.
- **Solids incorrectly selected when using the Ctrl key**

When selecting multiple records using the Ctrl key, only the records you click are selected.
- **Block attribute values with eight or more digits are not recognised**

When you select blocks by block attribute, block attribute values with a length of up to 16 digits are now recognised.
- **Unable to zoom and pan when digitising polylines**

You can successfully zoom and pan when you digitise feature or contour lines.
- **Composite intervals where the sample length percentage is less than the minimum are not deleted**

Composite intervals where the sample length percentage is less than the minimum are now deleted.

- **Can export drillholes to Excel only if the name of the header table name is HEADER**

Drillholes can be exported to Excel regardless of the name of the header table.

- **GEMS exits unexpectedly when inserting vertices at a specific distance for closed lines**

Inserting vertices at a specific distance (**Polyline > Multiline > Insert Vertices at Specific Distance**) for any number of closed lines no longer causes GEMS to exit unexpectedly.

- **Cannot copy a row in the Data Editor**

You can copy or cut rows in the Data Editor for drillhole or traverse workspaces.

- **Only uppercase is supported for expressions in simple manipulation of data**

You can use text in uppercase or lowercase for expressions in simple manipulation of data (**Workspace > Manipulate Data > Simple manipulation of Fields**).

- **Unable to save to workspace after polyline transformation**

Transformed polylines (**Polyline > Multiline > Transform > Select Graphically/Selected Lines**) and exported lines (**File > Export > All Lines/Selected Lines**) can be saved to any polyline workspace.

- **Tie lines are not selected when selected by rock codes or line type**

When polylines are selected by using rock codes or line types, the tie lines associated with the polylines are now also selected.

- **Unable to import Leapfrog .dxf files**

You can now import Leapfrog .dxf files into triangulation workspaces.

- **Solids are not closed after clipping**

Solids are now closed after being clipped (**Solid > Intersect > Clip Solid Inside/Outside Clipping Boundary**).

- **Angle of extended segment is incorrect**

When digitising a new polyline, it extends at the angle specified in the *Extend By Segment* dialog box (**Polyline > Create > Set Point by Relative Bearing**).

- **D fields incorrectly imported from Surpac string files**

Surpac .str files are correctly imported to point, polyline, and polygon workspaces. Unnecessary spaces in the file are ignored.

- **New blastholes cannot be saved to a workspace when its primary key is HOLEID**

New blastholes can now be saved to a workspace (**Tools > Surface Blast Design > Data > Save Blast Holes to Workspace**) with any primary key.