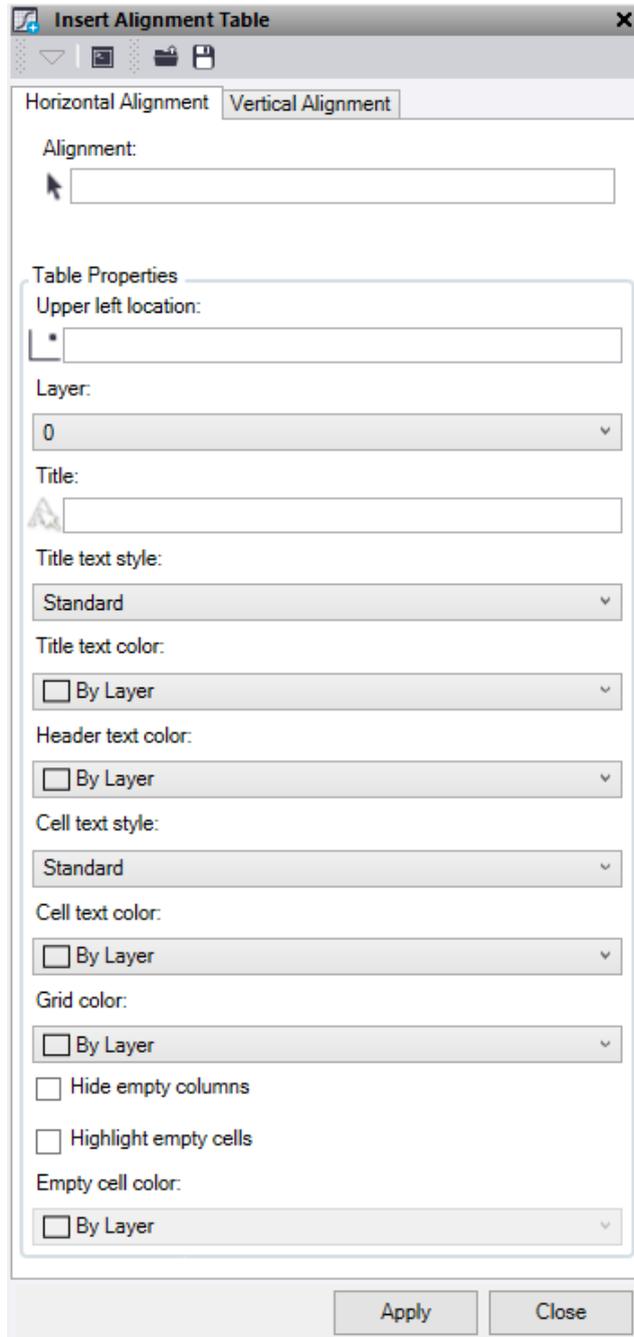




Insert Alignment Table

Command Description

The Insert Alignment Table command allows the user to create a customisable table that describes the horizontal or vertical geometry that was used to create the selected alignment and display it in the plan view.



The screenshot shows the 'Insert Alignment Table' dialog box with two tabs: 'Horizontal Alignment' and 'Vertical Alignment'. The 'Vertical Alignment' tab is active. The dialog contains the following fields and options:

- Alignment:** A text input field.
- Table Properties:**
 - Upper left location:** A text input field.
 - Layer:** A dropdown menu with '0' selected.
 - Title:** A text input field.
 - Title text style:** A dropdown menu with 'Standard' selected.
 - Title text color:** A dropdown menu with 'By Layer' selected.
 - Header text color:** A dropdown menu with 'By Layer' selected.
 - Cell text style:** A dropdown menu with 'Standard' selected.
 - Cell text color:** A dropdown menu with 'By Layer' selected.
 - Grid color:** A dropdown menu with 'By Layer' selected.
 - Hide empty columns
 - Highlight empty cells
 - Empty cell color:** A dropdown menu with 'By Layer' selected.

At the bottom of the dialog are 'Apply' and 'Close' buttons.



At the top of the command pane there is the ability to **load** and **save** a settings file. Once you have populated the command with the appropriate settings you can save it in a file that can be reloaded in the future.

1. In the Horizontal Alignment tab click in the **Alignment selection** field and in the graphic view or project explorer select the alignment string. A preview of the Table data should display below the alignment selection field.
2. With the alignment selected choose either the **Horizontal or Vertical** tab depending on what geometry you would like to be contained in the table. If you require both then set the Table property values on both tabs and **apply** them separately. The **Apply** button works on the tab that is currently active.

Table Properties:

1. Click in the **Upper Left Location** selection field and either select a location by clicking in the graphic view or type in some coordinates to choose where the table is inserted. This point will be at the bottom left corner of the Title row.
2. Choose either an **existing layer** or **create a new layer** to store the table on.
3. Enter a **Title** if needed.
4. Choose a **Title Text Style** or create a new text style.
5. Choose a **Title Text Colour**.
6. Choose a **Header Text Colour** to give the column headers a colour.
7. Choose a **Cell Text Style** or create a new text style.
8. Choose a **Cell Text Colour**.
9. Give the **Grid Lines** a colour.
10. Tick the **Hide empty columns** box if you do not want columns with no values displayed.
11. Tick the **Highlight empty cells** box and select a **cell colour** if you wish to highlight the empty cells within the table.
12. Click **Apply** to insert the table and turn on the appropriate layer to view. **Note:** *The Apply button works on the tab that is currently active.*

Note: *This command does not handle chainage equations*

Example:

Horizontal								
Type	North Azimuth	Radius	Lt - Rt	Length	Delta	Chainage	Easting	Northing
POB						0.000	472324.056	6945872.009
Line	74°56'06"			20.096		20.096	472343.461	6945877.232
Arc	74°56'06"	110	Right	99.068	51°36'05"	119.164	472437.539	6945859.395
Line	126°32'12"			40.836		160.000	472470.35	6945835.084

Vertical			
Type	Chainage	Elevation	Slope
POB	-0.001	35.607	
Grade Break	-0.001	35.607	Up
Grade Break	7.865	36	5.00%
Grade Break	51.591	37.312	3.00%
Grade Break	94.991	35.923	-3.20%
Grade Break	185.991	33.011	-3.20%