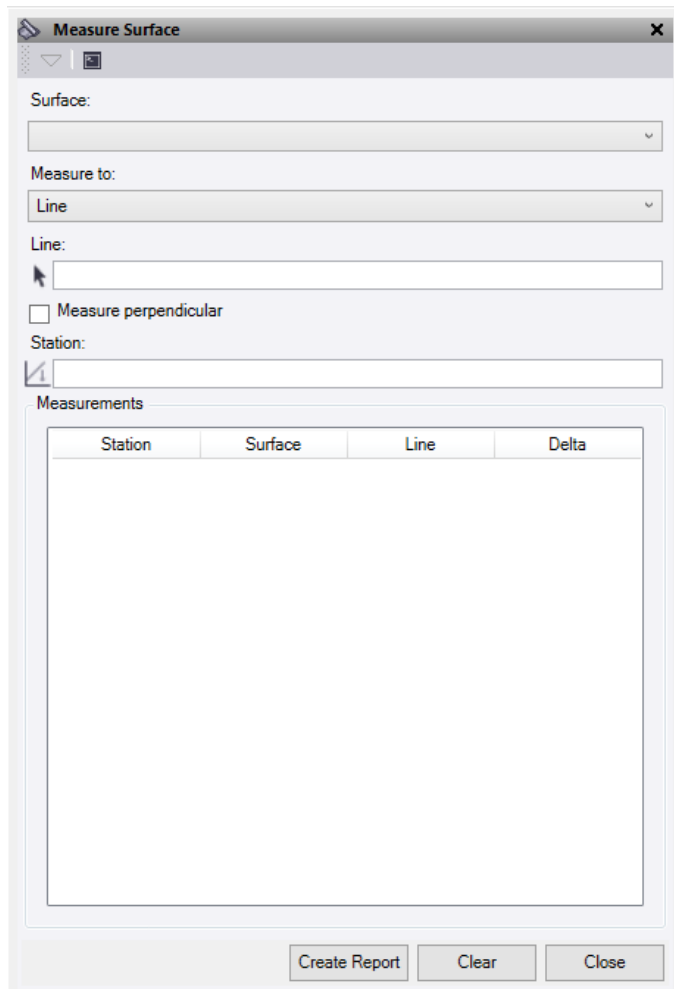




Measure Surface

Command Description

The Measure Surface command allows the user to measure a distance between two surfaces or between a position on a line and a surface dynamically and displays elevations live in view. User can click and record measurements that are copied to the text box and sent to an excel report. Option to measure either vertically or perpendicular to the surface from a line.



The screenshot shows the 'Measure Surface' dialog box with the following fields and options:

- Surface:** A dropdown menu.
- Measure to:** A dropdown menu with 'Line' selected.
- Line:** A text input field with a mouse cursor icon.
- Measure perpendicular**
- Station:** A text input field with a mouse cursor icon.
- Measurements:** A table with the following columns: Station, Surface, Line, and Delta.

At the bottom of the dialog box are three buttons: 'Create Report', 'Clear', and 'Close'.

1. Pick a **Surface** to report against
2. **Measure to**, do either of the following:
 - Choose **Line** to measure the surface height against a line.
 - Choose **Surface** to measure the surface against another surface.
3. If Measure to **Line** is chosen:
 - Pick in the **Line** selection and choose a line on the graphic view.
 - Tick the **Measure Perpendicular** box to measure perpendicular to the surface instead of vertical.

- Click in the **Station** box and then move your pointer over the graphic view to get dynamic position and height to the surface. If you click a location on screen that position is recorded in the text box.
4. If Measure to **Surface** is chosen:
 - Pick a **Surface** from the list.
 - Click in the **Coordinate** box and then move your pointer over the graphic view to get dynamic position and height between the surfaces. If you click a location on screen that position is recorded in the text box.
 5. Press the **Create Report** button to send the data in the text box to excel.
 6. Press the **Clear** button to clear the text box.