This tool can be accessed from the Geopak: D&C Manager, as shown at the right.
(If the item is not found as shown, use the D&C > Edit > Find tool to locate it.)

The Measure Slope Distance tool is designed as a 3D measurement tool, between points containing X, Y, and Z coordinates, with the Z distance being the change in elevation. A simple "data point" only provides X & Y coordinate location, therefore this command requires a tentative snap to the element to also identify the elevation of the element.

When the Measure Slope Distance tool is double-clicked, a message will display, as shown at the right, directing to Datapoint first coordinate. This is instructing to tentative snap to the first location, and accept.
After the first measurement point has been accepted, the following dialog will display, showing the X, Y, and Z coordinates, in the form of Northing, Easting, and Elev., as shown below.

![Measure Distance Results](image1)

After the second measurement point has been accepted, the dialog will populate with the remaining data, including the X, Y, and Z, coordinates of the second point, along with the Slope Distance, Horizontal XY distance, and the Vertical rise or fall elevation difference. To make a second measurement it is only necessary to snap to and accept two new points.

![Measure Distance Results](image2)

The Calc button produces a Calculator for your convenience, as shown below.

![Calculator](image3)