

10/30/21/JPR – New: A program titled “Total Depth Grid” has been added to the Borehole Operations / Maps sub-menu. This program will create and display a grid depicting an interpolated surface that intersects the base of all enabled boreholes.

The image displays the RockWorks 2021 software interface. The main window shows the 'Borehole Operations' menu with 'Maps' selected, and a sub-menu where 'Total Depth Grid ...' is highlighted. A large red 'NEW' text is overlaid on the menu. To the right, the 'Total Depth Grid' options dialog is open, showing various settings for grid creation and variography. Below the menu, a 2D contour plot and a 3D grid diagram are shown, illustrating the output of the program. The 2D plot shows contour lines representing depth values, and the 3D diagram shows a grid surface with boreholes intersecting it.

**RockWorks 2021**  
Version 2021.10.19

Project Folder: C:\Users\Jim\Documents\RockWorks Data\...

**NEW**

**Total Depth Grid**

Options

Main Options | Spatial Filter | Time Filter | Strat. Rules | 3D Log Design

Grid Model

- 2D Grid Map
- 3D Grid Diagram

Grid File

- Closest Point
- Cumulative
- Dip
- Directional
- Distance to Point
- Inverse Distance
- Kriging
- Plane
- Sample Density
- Trend Polynomial
- Trend Residuals
- Triangulation

Variography

Automatic  Manual

Tolerance

Spoke Spacing: 45 22.5

Distance Increment: 250 125

Maximum Distance: 1000

Variogram: Gaussian With Nugget

Pre-Model Points for Variograms

Edit/Examine Variograms

Reporting Options

Textual Report

2D Variogram Matrix

Items: Exponential With Nugget, Exp

Variograms Per Row: 10

Kriging Options

Neighbors: 16

2D Grid Map

3D Grid Diagram

2D Contour Plot

3D Grid Diagram