

A Useful Trick Involving Project Dimensions for Developing Large/Complex Playlists

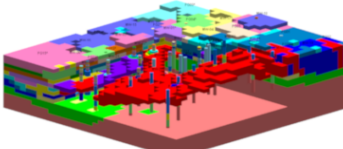
Testing and fine-tuning a large playlist can be a long and tedious process, especially if the output models are large. In the examples shown below the output on the left is set to a very low resolution while the output on the right is set to a very high resolution. The trick is to test and fine tune the entire process at a low resolution and then switch to a higher resolution for the final processing while you go get a cup of coffee. For maximum flexibility, we recommend adding two Project Dimension commands to the top of the playlist. The first Project Dimensions command should set the resolution to huge voxels while the second Project Dimensions should set the resolution to a very high resolution (small voxels). In this way, switching between low and high-resolution output is just a matter of enabling/disabling the Project Dimension options at the top of the playlist.

	Minimum	Maximum	Spacing	Nodes
X:	481,875	482,175	10	31
Y:	4,399,725	4,400,025	10	31
Z:	1,589.5	1,700	5	23

22,103
Voxels

27 Playlist Items (Item # 2)

- Set Low-Resolution Project Dimensions
- Set High-Resolution Project Dimensions
- Create 3D Stratigraphy Logs
- Create Stratigraphy (Bedrock) Model
- Create 3D Lithology Logs
- Create Lithology (Overburden) Model
- Merge Lithology & Stratigraphy Models
- Create 3D Fracture Logs
- Add Epikarst & Dolomite Fractures
- Add Limestone Fractures
- Add Sandstone Fractures
- Add Meta-Diorite Fractures
- Load K Value Conversion Table
- Convert Geology Model to K-Model
- Create Aquifer Logs
- Create Maximum Water Level Model
- Truncate Hydraulic Conductivity Model
- Convert K-Model to BPI Model
- Remove Small Geobodies From BPI Model
- Create TCE Logs
- Interpolate Quarterly TCE Models
- Create February-April, 2018 TCE Diagram
- Create May-July, 2018 TCE Diagram
- Create August-October, 2018 TCE Diagram
- Create November, 2018 - January, 2019 TCE
- Datasheet: Composite_File_List
- Merge Diagrams



Low-Resolution
< 1 Minute

27 Playlist Items (Item # 4)

- Set Low-Resolution Project Dimensions
- Set High-Resolution Project Dimensions
- Create 3D Stratigraphy Logs
- Create Stratigraphy (Bedrock) Model
- Create 3D Lithology Logs
- Create Lithology (Overburden) Model
- Merge Lithology & Stratigraphy Models
- Create 3D Fracture Logs
- Add Epikarst & Dolomite Fractures
- Add Limestone Fractures
- Add Sandstone Fractures
- Add Meta-Diorite Fractures
- Load K Value Conversion Table
- Convert Geology Model to K-Model
- Create Aquifer Logs
- Create Maximum Water Level Model
- Truncate Hydraulic Conductivity Model
- Convert K-Model to BPI Model
- Remove Small Geobodies From BPI Model
- Create TCE Logs
- Interpolate Quarterly TCE Models
- Create February-April, 2018 TCE Diagram
- Create May-July, 2018 TCE Diagram
- Create August-October, 2018 TCE Diagram
- Create November, 2018 - January, 2019 TCE
- Datasheet: Composite_File_List
- Merge Diagrams

	Minimum	Maximum	Spacing	Nodes
X:	481,875	482,175	1	301
Y:	4,399,725	4,400,025	1	301
Z:	1,589.5	1,700	0.5	222

20,113,422
Voxels



High-Resolution
12 Minutes

