3D Geological Subsurface Modeling in Target & Target for ArcGIS

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Cautionary Note Regarding Forward-looking Information

This presentation contains "forward-looking information" within the meaning of applicable Canadian securities legislation. Forward-looking information includes, but is not limited to, statements regarding software development features and timing of future releases. Generally, forward-looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or state that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual software release, performance or achievements of the software to be materially different from those expressed or implied by such forward-looking information, including but not limited to: general business, economic, competitive, political and social uncertainties; the actual results of current development activities; future prices of software; failure of servers, hardware or agile processes to operate as anticipated; coding accidents, labour disputes and shortages and other risks of the software industry. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements.
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Client requests around this theme

- “Create wireframe models, or 3D models of specific planes, or bodies”
- “Connect section interpretations into a solid surface in 3D”
- “Be able to Edit geologic models and surfaces in 3D”
- “When creating interpretations, geologists need to be able to snap to the true XYZ locations of geology boundaries”
Customer Requests Define an Explicit Workflow

- Based on Geologist’s interpretations
- Combination of real data & expert knowledge
- 2D section drawings are joined to create a 3D body
Wireframing Workflow
Digitizing and Snapping to create Interpretations
New Digitization Workflow

- New toolbar
- New string file format
- Geological features
New Snapping Capabilities

- Snap to 3D points
- Snap to any graphics
- Flexible drawing tools
Wireframing Workflow

Digitizing and Snapping to create Interpretations
Digitization & Snapping in Target for ArcGIS

- Digitizing and snapping using the ArcMap tools

- Save interpretations to a file geodatabase
Wireframing Workflow

Building Wireframes - Demo
Building Wireframes

• Open a single string file
• Build 3D bodies from 2D interpretations
• Easy collaboration on 3D modelling projects
Building Wireframes

- Open a single string file
- Build 3D bodies from 2D interpretations
- Easy collaboration on 3D modelling projects
Using Wireframe Surfaces in Voxel Math

- Clip Voxels using wireframe surfaces
- Build VOXI constraints from 3D wireframes
Using Wireframe Surfaces in Voxel Math

- Clip Voxels using wireframe surfaces
- Build VOXI constraints from 3D wireframes
3D Subsurface Geological Modelling

• New 2D digitization workflow & tools

• Improved Snapping tools for greater accuracy with Drillhole data

• Wireframing to create 3D bodies from 2D interpretations
Thank you!