The information on 3D maps is not always easy to visualize and use. For example, it can be difficult to integrate all the information in order to characterize the entire column of geologic units at a specific location. In the prototype shown below, for any map location that the user selects by a mouse-click (on the left-hand image), the tool will dynamically generate a log showing all geologic units beneath that point (right-hand image).

This is a prototype, intended only to show the general concepts. When operational, the web-based tool will be standards-based, operating against a NADM-compliant database, thereby enabling it to be implemented by other projects and agencies. We welcome your comments!