Create digital geological maps and photography, registered in 3D space, in a single pass. Avoid time spent recreating geological maps in software after the mapping has occurred. Have the geological mapping data available in a quicker timeframe, with confidence that observations and styles conform to site standards.

**Mapping**

Deswik.GeoTools Mapping is a Windows tablet app that allows geologists to create geological maps and photography while offline and underground. Using reference data (survey markers and tunnel design), users can easily set up their location in 3D space ready for mapping. With the ability to use on-board camera hardware, users can incorporate face photography, which allows them to draw geological features on top of images with ease.

All drawing features are entirely configurable. The app uses a template that can be controlled by geological supervisors to ensure that the same styles, rock types, colors and symbols are used in all geological maps that are created.

Geologists can import the geological maps into master Deswik.CAD documents, with just a few simple clicks. The geological mapping work can then become available for other users to view and use in the Deswik.CAD environment.