# Pull Test Module

## Part of the Digital Ground Support Platform

SANDVIK

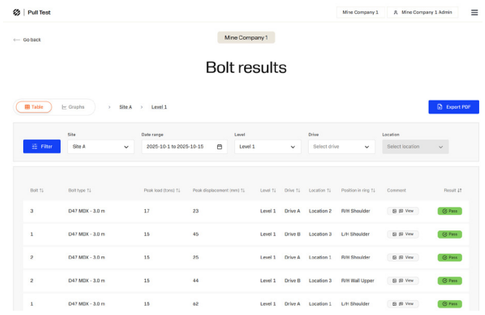
# Ground support goes digital with the new Pull Test Module

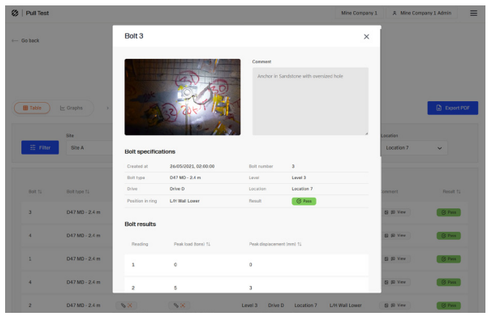
## The new Pull Test Module enhances safety and improves efficiency for mining operations.

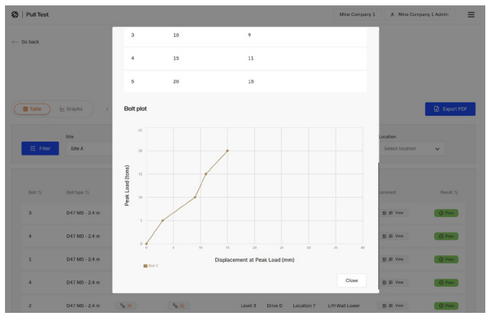
Pull tests are an important element in securing mining safety. Using the new Pull Test Module, this whole process becomes more efficient and helps to enhance safety. An automatic upload of test results significantly reduces the reaction time to potential hazards, while the comprehensive database, showing all detailed results of several mining sites in one system, helps improving the efficiency of mining operations.

## Detailled pull test reports

Detailed bolt results, including bolt type, peak load, peak displacement, and load displacement plot provide comprehensive insights. The reports also provide extensive bolt location information, consisting of level, drive, location, and position in the ring. Additional features include the possibility to group & filter the results, and adding comments & pictures.



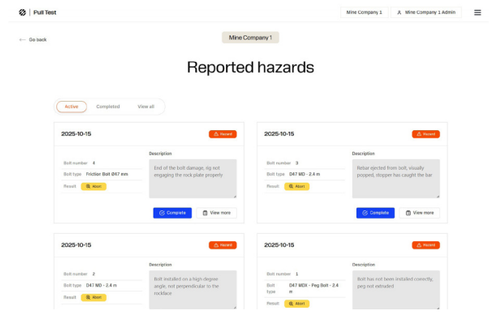



## Automatic data upload for fast reaction

Thanks to an automatic upload of the test results, once the test results are entered into the tablet, all needed information for mining sites is very quickly available. This allows to reduce the reaction time to potential hazards to up to 2 days, compared to previous manual practices. While underground, the offline capabilities of the application ensure consistent and reliable test data collection by our technicians.

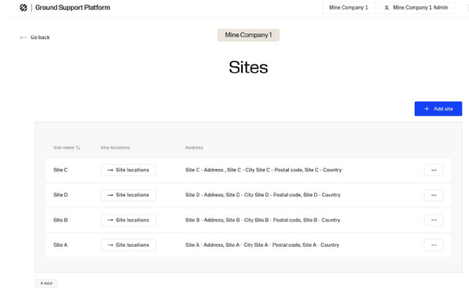
## Hazard overview

The hazard overview is the most important element of the Pull Test Module, as it helps enhance the safety of mining operations. It imediately shows potential hazards, and their location in the mine. The option to include comments & pictures to individual repsorts, provides in depth information to mine operators. Solved hazard warnings will stay as ”completed” in the system, providing historical information for further activities.




## One system for all your mining sites

With this new standardized way of reporting pull test results, admin customer users have full access to a comprehensive database of pull test data, showing all their mining sites in one system. Being cloud based, the system is also easily accessible anytime and everywhere through web browser.




## First element of the Digital Ground Support Platform

The Pull Test Module is the first element in the Digital Ground Support Platform. Several other modules, including solutions for bolt capacity, seismic analysis, and rock mass monitoring, will follow in the future, providing mine operators with comprehensive data & analytics to enable safe, efficient, and productive mine development.

All dimensions, weights, quantities, and specifications are those applicable at the time of this publication and may be amended from time to time. Please contact your local representative for final confirmation of any key specifications.

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