



WHEN IT COMES TO ROCKS, WE ROCK.

Providing clients with relevant data on ground conditions and rock behavior

ROCK MECHANICS

As a global leader in rock mechanics, RESPEC's engineering team is a combining force of integrated backgrounds in geosciences. Across a variety of industries that RESPEC serves, successful designs start with quality soil and rock data. RESPEC's team delivers expertise in rock mechanics to determine the strength of a rock mass and its capacity to resist applied forces or respond to dynamic loading.

Our natural world has been modified to such an extent that the "easy" engineering projects are becoming fewer and fewer. As mines and infrastructure projects continue to advance into more difficult territory where excavations are larger, mines are deeper, and grades are lower, requirements are generally becoming more complex. Simple engineering and "rule of thumb" processes don't apply as engineering projects advance. The highest levels of theory, observation, and expertise must work together to create the safest and most innovative rock-mechanics solutions in mining and energy projects.

ROCK MECHANICS CAPABILITIES:

- // Highwall and Slope Stability
- // Ground-Support Design and Assessments
- // Instrumentation
- // Excavation Design

➤ READY TO GET STARTED ON YOUR NEXT PROJECT?

Contact RESPEC for all of your Mining & Energy, Water & Natural Resources, and Information Technologies needs.

➤ CONTACT US

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