The Effect of Changing Slope Angle on Compression Test Results



Submitted by Doug Chabot on Wed, 10/22/2014 - 09:28

By Karl W. Birkeland1, Edward Bair and Doug Chabot.

Conducting stability tests in avalanche terrain is inherently dangerous since it exposes the observer to the potential of being caught in an avalanche. Recent work shows that such exposure may be unnecessary since the results of extended column tests (ECTs) and propagation saw tests (PSTs) are largely independent of slope angle, allowing for data collection in safer locations.

2014_ISSW_BirkelandBairChabot_CT_SlopeAng_FINAL_0.pdf

Publication Proceedings of the 2014 ISSW Date of Publication Wednesday 10/22/14