

Investigation in the Sensitivity of Velocity Interpretation Approach for a Soft Rock Site

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In this presentation, the sensitivity of velocity interpretation is assessed with special attention to velocity layering at a soft rock site.

Specifically, interpretations of a soft rock column with variation in near surface layers are generated from suspension logging data and downhole velocities. The effects of different interpretations and time averaging approaches are assessed by comparison of the strain compatible soil properties and corresponding within/at-depth response and surface outcrop response.