

RICE UNIVERSITY
Seismic Waveform Tomography With Multicomponent Data at a
Groundwater Contamination Site

by

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Master of Science

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Summary : Free seismic waveform tomography with multicomponent data at a groundwater contamination site pdf download - synthetic tests reveal fundamental differences between acoustic and sh waveform tomography and demonstrate together with the field data inversions improved resolution for sh-wave imaging due to smaller velocities high-resolution velocity models from inversion of the field data are interpreted in terms of lithology and water saturation which are better constrained by the availability of both p- and s-wave velocity

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high-resolution definition of subsurface heterogeneity for ... - I conventional and advanced ray and waveform tomography ... on obtaining crosswell seismic data at the ... of groundwater from the borehole ...