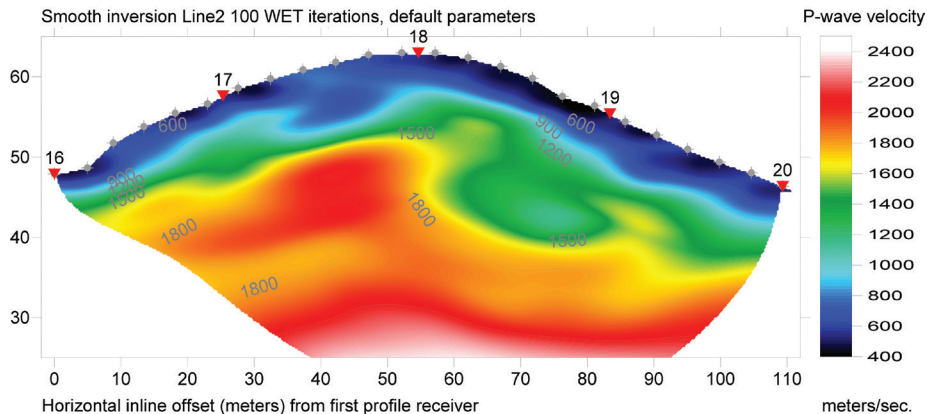


RAYFRACT® Seismic Refraction & Borehole Tomography software : velocity structure imaging for civil engineering and exploration

Our traveltimes tomography software models seismic refraction, transmission and diffraction with Fresnel volumes instead of rays. Import or pick first breaks and run Steepest-Descent or Conjugate-Gradient inversion. Flexible smoothing with Wavelength-Dependent Velocity Smoothing. Multiscale tomography. Supports strong topography, local velocity inversions. Uses up to 32 CPU cores in parallel. Joint inversion of refraction/crosshole/uphole/VSP shots. Circular receiver spreads. Specify velocity constraints. Build synthetic models with Surfer®, forward model traveltimes. Convert Plus-Minus refractors to layered starting model or use default laterally averaged 1D-gradient starting model obtained with our Smooth inversion. Import SEG-Y and SEG-2 trace files. Flexible trace display, frequency filtering. Export stacked shots to SEG-2. Display reciprocal picks on shot gathers. Reads third-party ASCII files. Standard license is US \$2,200.00 including one year of support. 20% academic discount. Manual and release notes, free trial, tutorials, published benchmark comparisons, dongle drivers on our website.



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