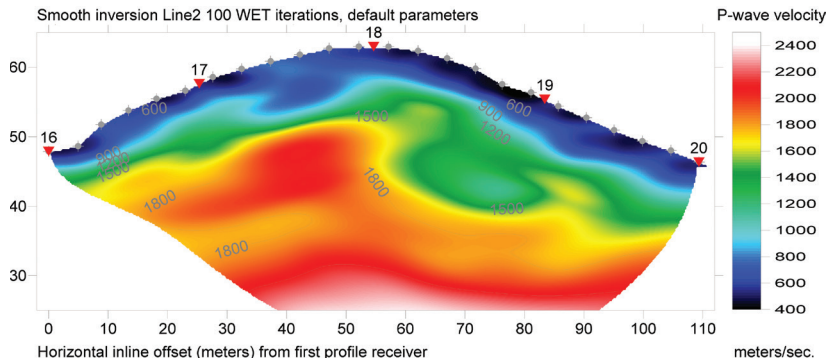


RAYFRACT® Seismic Refraction & Borehole Tomography software : velocity structure imaging for civil engineering and exploration

Our traveltime 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. Now extrapolates tomograms. Import SEG-Y and SEG-2 trace files. Flexible trace display, frequency filtering. 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.



rayfract.com

info@rayfract.com

**INTELLIGENT
RESOURCES INC.**

304-975 Chilco Street
Vancouver BC V6G 2R5, Canada

T. 604-782-9845
F. 604-408-8678

Copyright © 1996-2025 Intelligent Resources Inc. RAYFRACT is a registered trademark of Intelligent Resources Inc. in Canada and Switzerland. Canadian Business No. 86680 1236. Requires Golden Software's Surfer for plotting.