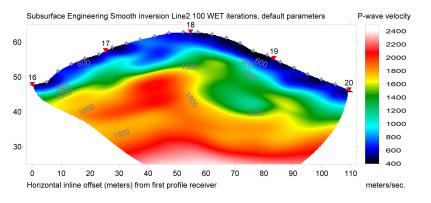
INTELLIGENT RESOURCES INC. offers RAYFRACT® Seismic Refraction &

Borehole Tomography software : velocity structure imaging for civil engineering and exploration



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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, CMP refractors to layered starting model or use 1D-gradient starting model. Now extrapolates tomograms. Import SEGY and SEG-2 trace files. Flexible trace display, frequency filtering. Reads third-party ASCII files. Standard license is US \$2,200.00 including one year of support. 20% academic discount. Latest release notes and manual, free trial, tutorials, benchmark comparisons, dongle drivers on our website.

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