#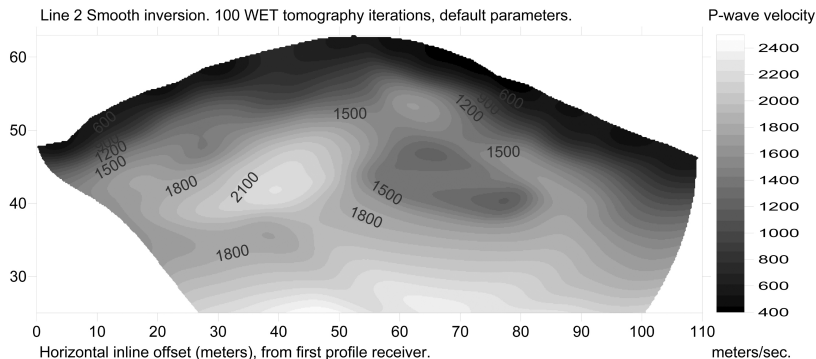 INTELLIGENT RESOURCES INC. offers RAYFRACT® Seismic Refraction & Borehole Tomography software : velocity structure imaging for engineering and exploration

Line 2 Smooth inversion. 100 WET tomography iterations, default parameters.

P-wave velocity

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500 full licenses sold.

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 options including Wavelength-Dependent Velocity Smoothing. Multiscale tomography. Supports strong topography, local velocity inversions. Uses multiple CPU cores. 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, Wavefront, CMP refractors to layered starting model or use 1D-gradient starting model. Import SEGY and SEG-2 trace files. Flexible trace display, frequency filtering. Reads third-party ASCII file formats. Standard license is US $ 2,200.00 including one year of support. 20% academic discount. Latest release notes and help file, free trial, tutorials and published benchmark comparisons on our website.