Seismic Refraction Over the Budaghers Fault

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Preview of Presentation

- Overview of seismic refraction
- Collected seismograms
- Interpretation of seismograms
- Inversion
- Possible throw of the fault
- Elevation Corrections
- Conclusions



Seismic refraction data analyzed from flags 190 - 317

















Conclusions

Inversion on either side of the fault shows a difference in velocity with depth.

Inversions were not corrected for elevation or geometry of the road.

The throw of the fault is possible to calculate due to the lag time in the seismograms. This assumes a near vertical fault. Corrections for elevation are only approximate.