

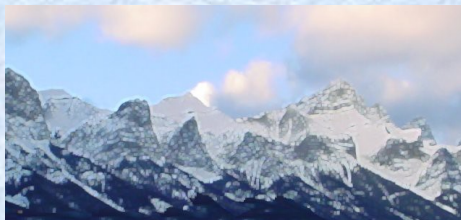
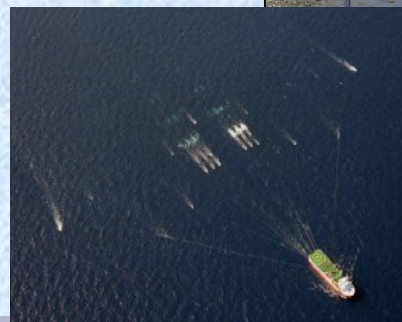
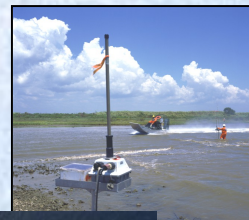


3D and 2D Seismic Projects

West Geo

Experience: 30 years working on all types of domestic and international seismic projects including land, transition zone, and marine 3D and 2D seismic data from plains, over-thrust, deserts, swamps, Arctic:

- 3D and 2D land, marine, TZ data processing
- Survey Design
- Refraction Statics Solutions using Refraction Inversion
- Amplitude preserved data processing
- AVO considerations
- Azimuthal velocity analysis
- Structural processing
- Prestack Time Migration
- Prestack Depth Migration / Velocity Modeling
- Multi-environment, multi-source/receiver type
- High-resolution surveys
- Project Management and QC



Attention to detail by Sr. Geophysicists:

Your project is not passed from person to person as in larger shops.

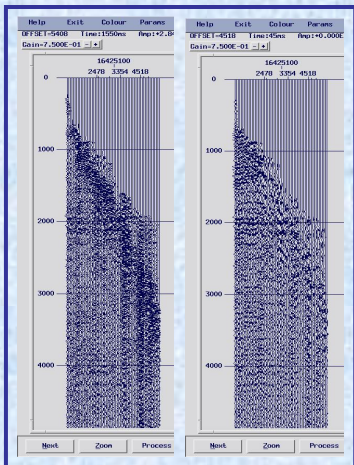
Each stage of processing is performed by the same senior Geophysicist.

Proprietary Processing Methods:

- Squelch Noise Reduction (non-transforming, amplitude preserving)
- Near Surface Velocity Modeling to solve tough layer-1 (weathering layer) statics problems

International Quality Processing Methods:

- De-swell without signal loss
- Surface-consistent methods
- Wavelet operator derivations
- Deterministic and statistical wavelet processing



Before After
Squelch Noise Reduction



West Geophysical

Seismic Specialists

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cell 813 966 4633

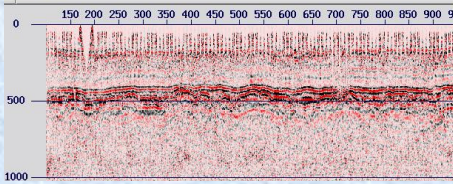


3D and 2D Seismic Projects

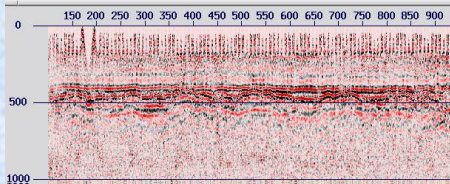
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Static Corrections:

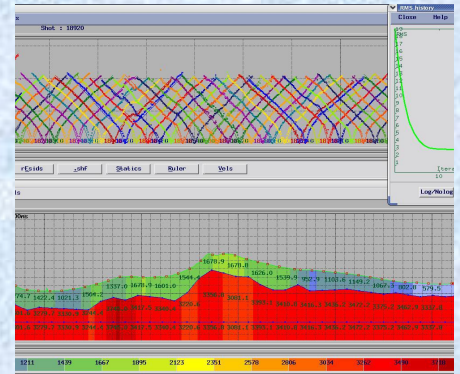
Specialised in complex long-wave statics problem
Have several methods for tackling the problem including
Near Surface Velocity Modeling



Before refraction statics



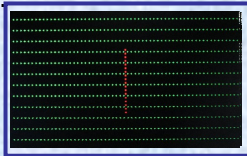
After refraction statics



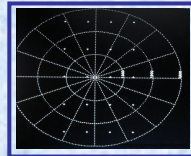
Model: refraction inversion

Seismic Survey Design and Attribute Analysis:

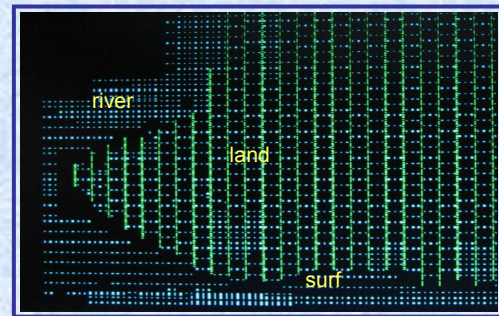
26 years experience in the field of Survey Design
We understand variations in acquisition geometries
and their benefits



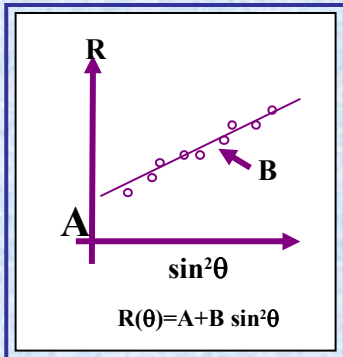
Orthog. Land 3D
Wide Az. Multi-roll



Details of Offset
Azimuth per bin



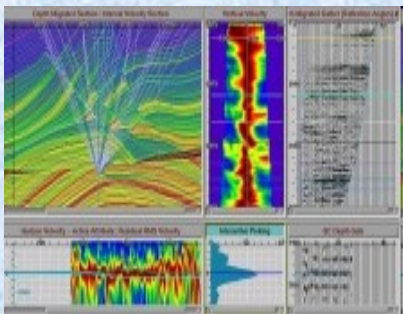
Surface Layout, Land / River / Surf 3D



AVO considerations

Affiliated with Dayboro Geophysical:

Using 2 processing platforms, together we have the globe covered
and have worked on all types of production data processing with
over 50 years combined experience.
This provides peer-group review, problems solving and optimization.



Depth Image Velocity Derivation

Recent Projects include:

3D & 2D Marine 3D Land Vibroseis/Dynamite 3D OBC
3D Telemetry 2D High-Res 2D Land Vibroseis/Dynamite

From....

Canada USA Africa Mid-East Asia Australia Europe



West Geophysical

Seismic Specialists

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