

AusGeos

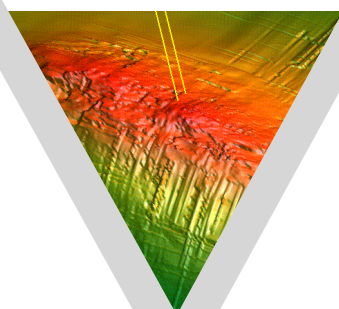
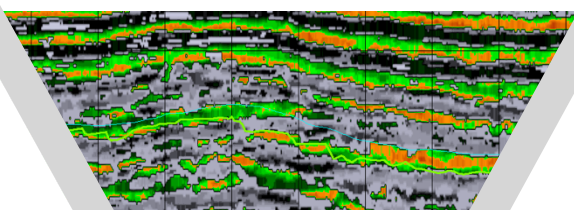
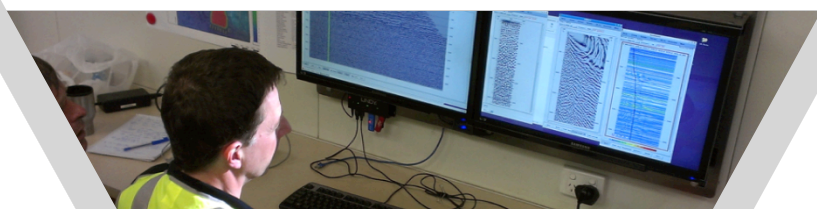
SEISMIC MADE CLEARER™

AusGeos Pty Ltd
ABN 74 878 578 138



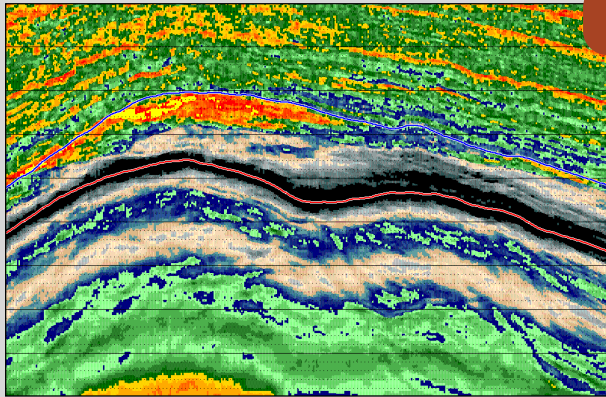
Supporting exploration from survey
design to interpretation

Australia, Asia, NZ, Africa
Capabilities - 2015

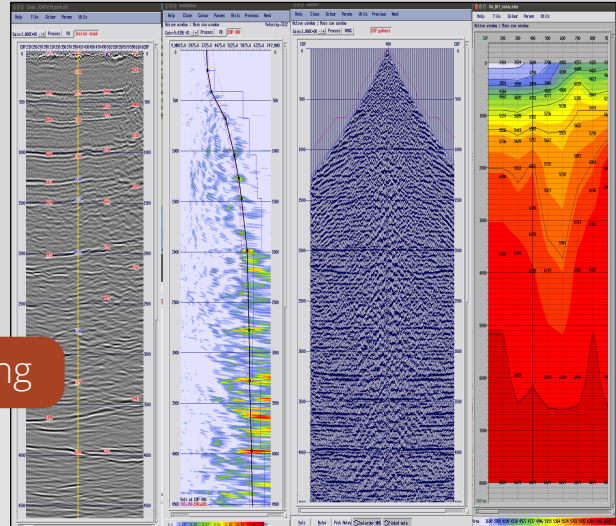


SEISMIC MADE CLEARER™

Overview



Complete exploration services



Customised seismic data processing



Internationally experienced consultants

Personal service & attention to clients' needs



Commitment to quality and value



AusGeos

SEISMIC MADE CLEARER™



SEISMIC MADE CLEARER™

Summary

AusGeos is an Australian-based consulting group providing exploration services to oil, gas and minerals industries. We operate across Australia, SE Asia, NZ and rest of the world.

Our focus is seismic data processing, interpretation, QC and planning, with a broad range of support services across the entire exploration and production value chain.

Key services: seismic processing of 2D & 3D data, seismic interpretation, prospect identification, survey design, seismic QC (bird-dog), operations geophysics, shallow seismic, infield seismic processing, geology, petrophysics, basin evaluations, petroleum engineering, potential field methods, quantitative interpretation (AVO & inversion), project management.

Our clients are Australian and international explorers. We accept any length and size projects from short reviews to ongoing support. Our results are delivered in a timely, tailored and cost-effective manner. Individual experienced consultants or complete teams can be mobilised to undertake most projects. Many of our consultants are leaders or innovators within the industry.

We have strong strategic partnerships for complementary services. These are available throughout the world in areas such as marine QC, land QC, fault seal & fracture analysis studies, QHSE (EIAs, MMOs, PAM) and technical audit services, microseismic, biostratigraphy, palynology, geosteering, well package preparation and core analysis. We can help you select the best seismic acquisition and environmental compliance contractors for your projects.

Latest heavy-duty PSDM, Azimuthal, 4D, mega marine land 2D and 3D processing solutions are offered through our close and long-term partnerships with seismic processing specialists. Our processing is customised to benefit any size of job from small 2D right up to large 3D land or marine projects. We apply nodal, transition zone and many innovative solutions to improve your data.

Our reputation in the business is earned through personal attention to our clients, an unrelenting commitment to the best results for you, and our ability to create real value. We will always be competitive on price.



SEISMIC MADE CLEARER™

Client Solutions

SEISMIC DATA:

- Seismic processing of 2D & 3D, land & marine
- Seismic re-processing recent or legacy data
- Seismic project management
- Specialised processing, nodal, AVO, PSDM*, azimuthal, TZ
- Detailed statics, shallow re-imaging and interpretation
- Seismic survey planning, design, contracts

EXPLORATION SUPPORT & SERVICES:

- Permit entry, permit marketing
- Marine* & land QC (bird-dogs)
- QHSE (EIAs, MMOs, PAM) and technical audit*
- Oil & gas and minerals exploration
- Exploration teams
- Exploration consultants

G&G AND PETROLEUM ENGINEERING:

- 2D & 3D interpretation, structural, stratigraphic
- Quantitative interpretation, inversion, AVO, attribute analysis
- Fault seal*, fracture analysis*, carbon capture / sequestration
- Prospect generation, exploration targets
- Geology, petrophysics, core analysis
- Well package preparation
- Palynology, biostratigraphy & geosteering*
- Potential field methods analysis
- New plays from old basins - conventional & unconventional, Australia

MICROSEISMIC:

- Microseismic monitoring*

SUPPORT:

- R & D
- Spec data – seismic 2D & 3D
- Data management

* Via AusGeos alliance partnerships

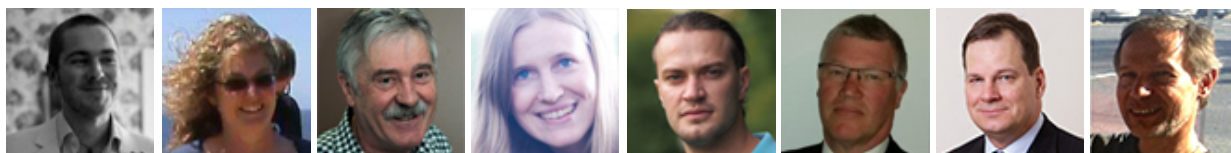


SEISMIC MADE CLEARER™

Our Personnel

Australia-based except where indicated.

Dr. Martin Novak	Geophysical advisor, AusGeos MD, 30 years experience
Ian James	Geophysicist, seismic processing manager WA
Ilona Dvorak	Geophysicist, 13 years experience seismic QC, Brunei
John R Hughes	Seismic operations, 40 years experience
Sharon Langston	Geologist, 22 years experience
Nick Fitzgerald	Geophysicist, 33 years experience
Teof Rodriques	Reservoir engineer, 31years experience
Andrew Buffin	Petrophysicist, 34 years experience
Bruce Beer	Bird-dog, 40 years experience
Frank Renton	Marine operations, 40 years experience
Amit Namjoshi	Reservoir engineer, 25 years experience
David Warner	Geologist, unconventional, 40 years experience
Long Dang	QI & processing geophysicist, 16 years
Geoff Hokin	Geoscientist, 24 years experience
Dr. Daniel Miller	Geologist, 14 years experience, CO, USA
Steve McIntyre	Geoscientist, trainer, 30 years experience
Konstantin Cherepanov	Geophysicist, 9 years experience
Alex Ross	Data integration/Knowledge Mgmt, 26 years experience
Dr. Mark Brennan	Geophysicist, 40 years experience
Jaganthas Paran	Operations geologist, 17 years experience
Dr. Ian Stewart	Geophysicist (gravity magnetics), 40 years experience
Chris Porter	Board advisor, 50 years experience



Consultants' experience and qualifications are available at
www.ausgeos.com.au/associates.html



SEISMIC MADE CLEARER™

Clients

Adelaide Energy
Adelaide University ASP
Armour Energy
Beach Energy
Bight Petroleum
Canadian Overseas Petroleum
CarbonNet/CO2CRC
Carnarvon Petroleum
Cooper Energy
Dayboro Geophysical
DSDBI
Dunstone
Duntroon Oil
Empire Oil & Gas
Enquest
Finder Exploration
Fleet Resources
Galia Energy
Geoscience Australia
Ginkgo ENP GNG
Hedges Gas

Horizon Geoconsulting
Imperial Oil & Gas
InterOil*
Linc Energy*
Sandfire Resources
Mont D'Or Resources*
MRT-Tasmania
NavGas
New Standard Energy
Origin Energy
PetroFrontier*
President Energy
Quantum Geo
Rodinia Oil Co*
Sandfire Resource
Santos
Swala Energy
Tap Oil
ZDAC Geo
3D Oil

* Dayboro-AusGeos alliance



Santos





SEISMIC MADE CLEARER™

Projects & Experience

PROJECT

New Zealand 2D onshore PSTM/PSDM
3D processing
2D seismic processing, Western VIC
PNG Highlands 2D reprocessing
Refraction statics, land 2D
2D seismic processing, refraction statics, WA
Kenya 2D reprocessing
3D survey design
Well data review
Australian basin review
Unconventional prospectivity assessment
Otway interpretation & prospectivity assessment*
Farm-out
Otway Basin 2D reprocessing
Carnarvon offshore 2D seismic reprocessing
Perth Basin 2D seismic reprocessing
2D seismic data navigation add
Carnarvon Basin, 2D survey design
Southern Georgina Basin prospectivity evaluation
McArthur Basin 2D reprocessing
Haselgrove 2D processing trials
Otway Basin, 3D reprocessing
Otway Basin, 3D EOM migration
Gt. Mt Isa Basin, 2D seismic project management
Otway Basin, 3D reprocessing
Indonesia, 3D reprocessing
Data management
Gippsland Basin, fault seal study for CSS

COMPANY

Mont D'Or Resources
Quantum Geo
DSDBI
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Sandfire Resources
Swala Energy
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*
*
President Energy

President Energy
*
Carnarvon Petroleum
*
*
New Standard Energy
*
*
*
President Energy
*
Armour Energy
*
*
Tasmania MRT
CarbonNet/CO2CRC

* Confidential

Palynology, biostratigraphy, geosteering services, and fault seal & fracture analysis services provided in collaboration with our specialist Australian and UK partners MGPALAE0 and Badleys Geoscience Limited.

PSDM technologies provided through our Dayboro–AusGeos alliance.



SEISMIC MADE CLEARER™

Projects & Experience

PROJECT

Consulting, EEL inversion
Greater Mt Isa Basin, 2D seismic reprocessing
2D acquisition QC in-field processing
2D seismic processing
WA 2D seismic project management
EOM migration
GAB, marine survey design, stakeholder consultation
Georgina Basin, consulting
Seismic processing course
Gascoyne sub-basin, 2D survey design
Cooper Basin, 3D reprocessing
Seismic processing course
EOM migration
Cooper Basin, 3D azimuthal reprocessing
McArthur basin, survey planning, bird-dog, VSP QC
Cooper Basin, interpretation, prospect generation
Bight Basin, 2D reprocessing & AVO
Officer Basin, consulting
Tanzania, 2D repro tests & tender
Georgina Basin, 2D seismic reprocessing
Onshore Otway, 3D reprocessing
Gippsland Basin, 3D reprocessing
EOM migration
Bight Basin, consulting
Officer Basin, consulting & 2D reprocessing
Consulting, inversion, seismic QC
Duntroon Basin, permit entry

COMPANY

ZDAC Geo
Armour Energy
Fleet Resources
Fleet Resources
Fleet Resources
Dayboro Geo
Bight Petroleum
PetroFrontier
Adelaide University ASP
Fleet Resources
Beach Energy
Adelaide University
Armour Energy
*
Armour Energy
Santos
Bight Petroleum
Rodinia Oil Co
Beach Energy
PetroFrontier
Adelaide Energy
*
Linc Energy
Bight Petroleum
Rodinia Oil Co
PetroFrontier
Duntroon Oil

* Confidential

International services in marine & land seismic QC, QHSE and technical audit services are provided in all regions in the world by consultants through our international partner EPI Group Ltd in UK.

Microseismic services in collaboration with our Canadian & international agency partner ESG Solutions.



SEISMIC MADE CLEARER™

Testimonial

Fleet Resources

For seismic acquisition planning and QC, processing and interpretation in Australia, Fleet has worked extensively with Adelaide & Perth-based AusGeos, a team of very experienced geophysical consultants. For Fleet, AusGeos managed a state-of-the-art cable-less seismic acquisition and processing, for both structural and stratigraphic delineation and for rock and reservoir property identification and prediction.

Fleet conducted a 142-kilometer onshore 2D seismic survey over SPA 08 AO in the sparsely explored Southern Carnarvon Basin between April 25 and May 6, 2013. This survey was designed by AusGeos and recorded by Terrex Seismic Pty Ltd. It evaluated the structure and depth of prospective formations in the central part of the Gascoyne sub-basin. Four sub-parallel seismic lines following existing west to east roads were acquired using vibroseis. There was no line clearing or use of explosives.

The data were capably processed by AusGeos, whose consultants also provided some of the interpretation. Project design was principally by John Hughes, and Martin Novak was the overall project manager.

We were very pleased with all of their efforts and continue to work with AusGeos. They are innovative, dedicated and thoroughly professional. I recommend them highly.

Matthew R. Silverman
Director, Exploration Manager
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Mobile: +1 303 915-4518
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AusGeos

SEISMIC MADE CLEARER™

Company Information

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ABN/GST: 74 878 578 138

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AusGeos.co.uk
Linked in AusGeos Consulting & Seismic Processing Services

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