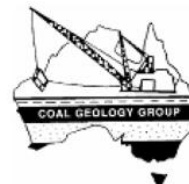
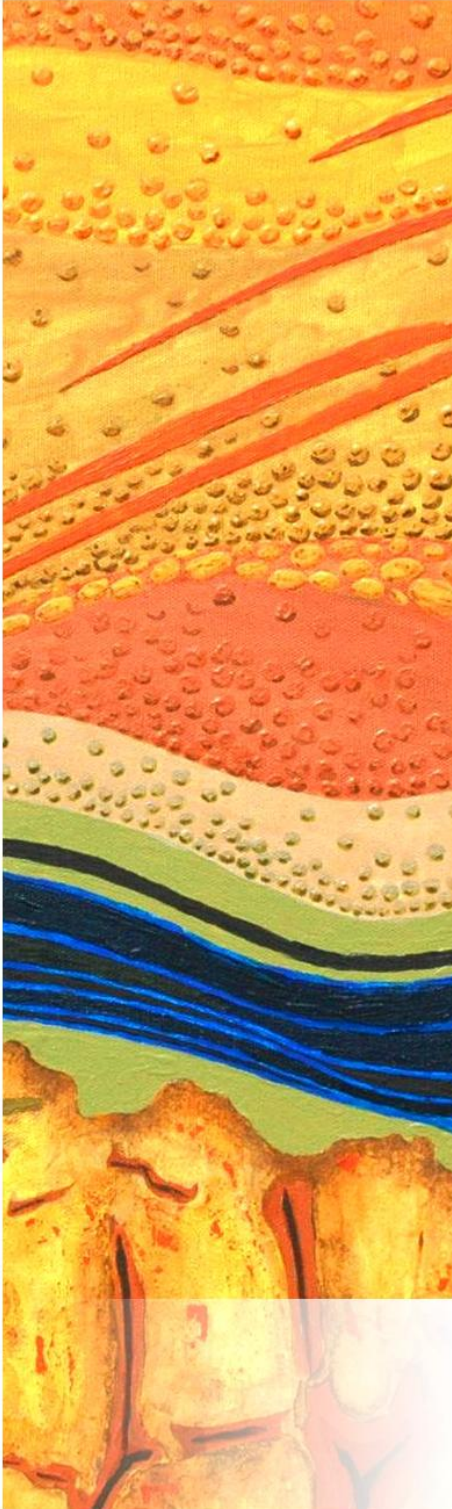


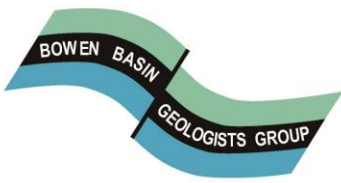
6th Bowen Basin Symposium

Mackay Entertainment & Convention Centre
Queensland
6 - 8 October 2010

BACK IN (THE) BLACK

from the painting "Road Cutting at Charlewood" by John Jackson (www.therockdoctor.com.au)



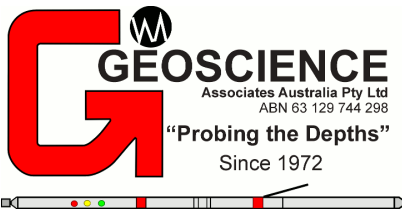


6th Bowen Basin Symposium **BACK IN (THE) BLACK**








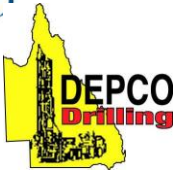












The organising committee wishes to acknowledge the generous support of the following organisations

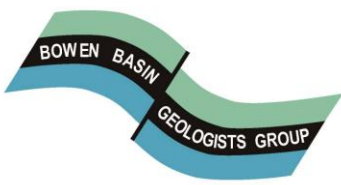


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6th Bowen Basin Symposium **BACK IN (THE) BLACK**

INVITATION

The roles and responsibilities of Coal Geologists have changed markedly since the opening of the Bowen Basin that has weathered heady boom years and market down turns, particularly in the past 5 years since the last Symposium.

The Bowen Basin Symposium is held only once every five years, and 2010 will showcase industry examples of technical innovation and forward thinking about competitive coal and land use, environment and social issues that emerge from an ever changing landscape.

Technical papers, workshops and trade displays provide a benchmark for information relevant to explorers, producers and marketers of coal and natural gas.

The Symposium will be held at the Mackay Entertainment and Convention Centre in Tropical North Queensland, gateway to the Great Barrier Reef.

PRELIMINARY PROGRAM

Wednesday 6 October

9:00 - 5:30

Day 1 Symposium

Registration, Welcome, Workshops & Conference Papers
Welcome Function

5:30

Thursday 7 October

9:00 - 5:30

Day 2 Symposium

Registration, Official Opening, Keynote Address &
Conference Papers

7:00

Symposium Dinner – 3 course meal and beer / wine,
Guest speaker and band

Friday 8 October

9:00 - 4:30

Day 3 Symposium

Keynote Address & Conference Papers
Farewell drinks

4:30

Saturday 9 October

8:00 - 5:00

Day 4 Optional Social Cruise

Island Cruise and Whitehaven Beach

PRELIMINARY WORKSHOPS LIST

| Topic | Title | Presenter |
|--------------------|--|-----------------|
| Aeromagnetics | Geology & structure from airborne magnetic surveys | Renate Sliwa |
| Coal quality | Coal Quality Data Handling - Constructing an Efficient Process | Chris McMahon |
| Coal seam gas | Coal Seam Gas Reservoirs | Ray Williams |
| Exploration safety | Exploration safety | Doug Dunn |
| Geostatistics | Practical Geostatistics – taking the first step | Mark Noppe |
| Geotech | Geotechnical Strata characterisation using geophysical logs | Peter Hatherley |
| | Open Pit Hazard Management – Geomechanics with Attitude | John Simmons |
| JORC | Identification, Classification and Estimation of Coal Resources and Inventory Coal | Ken Preston |
| Legal | Your Safety and Health Obligations for Exploration in Queensland | Mark Parcell |
| Petrography | Coal petrology - a way to understand coal genesis and assess coal quality | Walter Pickel |
| Reconciliation | Challenges in the reconciliation and reporting of coal recovery – in-situ to sales | Andrew Scott |
| Seismic | Understanding & effective utilisation of your seismic interpretation | Troy Peters |

Numbers are capped for each workshop

PRELIMINARY LIST OF PAPERS

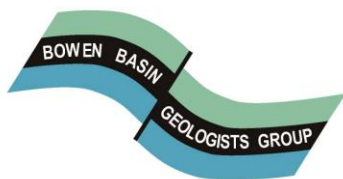
Coal Quality

| | |
|---|--|
| Self-heating Torbanite from the northern Bowen Basin | Beamish B, Haukoho D |
| Applying the coal grain analysis method to liberation studies in coal quality reconciliation and quality assurance | Comino P, Warren K, O'Brien G |
| Standardised washability through advances in borecore data unification | O'Brien J, Cameron D |
| Mineral matter in the high rank coals of the South Walker Creek area, Northern Bowen Basin | Permana AK, Ward CR, Gurba LW, Zhongsheng L, Davison S |
| Further refinement of the TUNRA Clean Coal Ultimate Froth Flotation Test | Lambert N, Campbell M, Ryan G, McLennan K, Coffey A |
| Coal quality reconciliation and quality assurance/quality control | McMahon C |

Coal Seam Gas

| | |
|--|--|
| The smart way to evaluate coal seam gas reservoirs in the Smart State | Nassichuk B, Wust R, Bustin M, Brezovski R, Glover K |
| Industry-leading techniques for evaluating Australia's shale gas potential | Glover K, Nassichuk B, Bustin M, Brezovski R, Wust R |
| The influence of coal maceral composition on gas contents in the Hunter Coalfield | Pinetown K, Sherwood N, Saghafi A |
| Geological controls on coal seam gas domains | Esterle J, Williams R |
| Low gas determination - pitfalls, findings and accuracy | Neilsen S, Williams R, Williams G, Hardwick A, Esterle J |

Note: not all papers are guaranteed to be presented



6th Bowen Basin Symposium **BACK IN (THE) BLACK**

PRELIMINARY LIST OF PAPERS

Database & Modelling

| | |
|---|--|
| Creating a strata model | Lingard A |
| ISTS interactive scheduler | Lingard A |
| Challenges in fault modelling of coal seams | Biggs M |
| Improving the quality of your information | Flegg R |
| Inheriting a deficient and defective database - the repair challenge | Bax D |
| Coal quality estimation error - ordinary kriging challenges inverse distance | Williams C, Hackett S, Noppe M, Murphy M |
| Risk based strategic coal mine planning project using an integrated model real options approach | Martinez L, Noppe M |

Environmental Management

| | |
|--|---|
| A tier three method for estimating fugitive emissions from open cut coal mining in Australia | Saghafi A |
| Determination of gas content for estimate of emissions from coal mining | Saghafi A |
| Uncertainty in estimating open cut fugitive emissions | Esterle J, Moore C, Bertoli O, Casely Z |
| Groundwater assessment for potential mine water sharing | David K, Dundon P |

Exploration

| | |
|--|-----------|
| Bowen Basin coal exploration and mine developments 2005-2010 | Ferenzi P |
| Exploration land access management in BMA | Lin W |
| Systemising exploration programs for efficiency and compliance | Fouet T |

Geophysics

| | |
|---|-------------------------------------|
| Seismic reflection - a useful tool for assisting underground coal gasification (UCG) | Peters T, Rich N |
| Automated pre-interpretation of 3D seismic | Dirstein J, Fallon G |
| Seismic imaging of coal seam structures under basalt cover | Zhou B, Hatherly P, Peters T, Sun W |
| Additional opportunities for geophysical log analysis | Hatherly P, Medhurst T |
| New geophysical techniques applied to groundwater resources management | Keane B, Mill P |
| Comparing techniques - a unique 2D seismic trial | Nichols W, Peters T |
| Transient surface impedance measurements - noise and data reduction using curve-fitting | Thiel D, Mogensen G, Nichols W |

Geostatistics

| | |
|--------------------------------|---|
| Drill hole spacing analysis | Bertoli O, Casely Z, Mawdesley C, Dunn, D |
| Saraji benchmarking estimation | Casely Z, Bertoli O |

PRELIMINARY LIST OF PAPERS

Geotechnical

| | |
|--|---|
| Mechanism triggers for composite failure of excavated rock walls | Simmons J |
| Geotechnical hazard management map - Poitrel Mine | Brooks P, Todd J |
| Evaluating the interaction between coal ash leachates and rock materials for mine backfill studies | Ward C, French D, Stephenson L, Riley K, Zhongsheng L |

Mining Geology

| | |
|---|----------|
| South African coal deposit geology and its affect on operations | Whitby K |
| Geology of Cerrejon deposit, South America | Whitby K |

New Projects

| | |
|---|-----------|
| Proposed coal mine projects for the Bowen Basin 2010-2015 | Ferenzi P |
|---|-----------|

Marketing

| | |
|----------------------------|--------------|
| The Sleeping Tiger awakens | Gresswell, M |
|----------------------------|--------------|

Resource Quantification/JORC

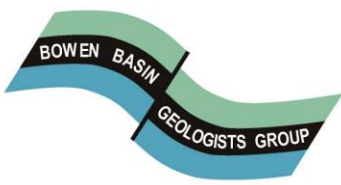
| | |
|--|------------|
| Improving your resource classification | Martinez S |
|--|------------|

Safety

| | |
|---|-----------|
| Safe service - development of service boreholes and shafts at Broadmeadow | Duncan S |
| Implementing a stepchange in safety culture - a case study in turning a team around | Nichols W |

Structural Geology

| | |
|---|-------------|
| A new workflow for high resolution fault imaging delivers groundbreaking insights into resource operations and recoveries | Oppermann R |
|---|-------------|



6th Bowen Basin Symposium **BACK IN (THE) BLACK**

CONFERENCE INFORMATION

Travel and Accommodation

Mackay airport has direct services from Brisbane and Sydney.

Mackay offers an extensive host of hotels to support the conference. The conference organisers have reserved a number of rooms at various hotels in the region for the conference. Refer to registration page link below.

Shuttle bus services between hotels and conference venue and dinner venue will also be organised.

Taxis, hire cars and buses operate in and around the Mackay area.

Registration

Full registration includes attendance at workshops, technical sessions, Symposium proceedings, the Symposium dinner, morning and afternoon teas, lunches, welcoming and farewell functions (all at the MECC).

Registration and payment can only be done online at <https://regonline.activeglobal.com/bowenbasinsymposium2010>.

Prices as follows include GST.

| Item | Cost |
|--|-------|
| EARLY BIRD Full Registration (before 30 July) | \$450 |
| Full Registration | \$550 |
| Student Registration (letter from University required to confirm student status. Excludes dinner and proceedings) | \$50 |
| Day Registration / Additional Booth Attendee (per day - excludes dinner and proceedings) | \$250 |
| Additional Dinner Ticket (subject to availability) | \$130 |
| Optional Social Cruise (Saturday 9 October) | \$140 |

Trade Displays

Approximately 20 industry suppliers have pledged their support and will display state of the art equipment that assists mine geologists to fulfill their roles in operation.

Day Tour - Optional Social Cruise on Saturday 9 October 2010

Enjoy a relaxing Cruise to the spectacular Whitehaven Beach with Reefstar Cruises. Cruise through the world heritage area of the Goldsmith & Lindeman Group of Islands before arriving at the world renowned Whitehaven Beach. The cruise is an experience in itself. Walk along kilometres of white silica sand and swim in crystal clear waters.

Price includes morning and afternoon tea; smorgasbord lunch, and use of stinger suits. Delegates can also purchase drinks from Reefstar's licensed bar.

Departs Mackay Marina at 8.00am and returns approximately 5.00pm. Cruising time to Whitehaven Beach is approximately 2 1/2 hours. Interested parties should contact the organisers on the details given below. Tour is subject to and limited to numbers.

Contact & Queries

For any general conference queries, please contact:

Joan Esterle

Secretary

University of Queensland

School of Earth Sciences

Building 3 (Steele Building)

St Lucia QLD 4072

Ph 0448 450 152

joanesterle@yahoo.com

For queries on tours, transport and accommodation, contact:

Kaylene Ascough

Manageforce Pty Ltd

Ph 07 4785 0397

info@manageforce.com.au