



# The Queensland Geologist

Bi-monthly Newsletter of the Geological Society of Australia Inc. Queensland Division  
Volume 109 No. 3 – May/June 2009

## INSIDE THIS ISSUE:

- **AGM notice and nomination form for Executive Committee**
- **Call for nominations: Dorothy Hill and N.C. Stevens Medals**
- **NQEM 2009 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> June 2009 and GSAQ Field Conference 6-8<sup>th</sup> June 2009**
- **2009 GSAQ/AIG activities at Brainwaves at the EKKA**
- **New members**
- **Audited Hon. Treasurers report for financial year 2008**

## UPCOMING SEMINARS:

### NOTICE:

**Doone Wyborn's Seminar has been re-scheduled to June and Dr Craig Sloss will now be presenting at the Annual General Meeting on Wednesday 13<sup>th</sup> May.**

### Wednesday 13<sup>th</sup> May: **GSAQ AGM and Seminar**

**Topic:** Holocene sea level change and the infill of incised valley systems on the southeast coast of Australia.

**Speaker:** Dr Craig Sloss (QUT School of Natural Resource Sciences)

**Where:** The Theodore Club, 333 Adelaide St, Brisbane

**Time:** 5:15 for 6pm; finger food and drinks

**Cost:** Free

**Abstract:** The coastal geomorphology of the southern coast of Australia is characterised by alternating rocky headlands and incised bedrock valleys partially filled with late Quaternary sediments. The valley-fill successions are represented by bay-beaches, intertidal sand- and mud-flats, deltaic plains and numerous estuaries that have formed in lowstand incised valley systems.

A revised Holocene sea level curve for the southeast coast of Australia is presented based on a review of 112 published geochronological results for mangrove roots, fossil molluscs preserved in estuarine successions, and fixed biological indicators. It is supplemented by 50 amino acid racemisation and 40 radiocarbon derived ages on fossil molluscs from transgressive sandsheet facies preserved in back-barrier settings within incised valley systems along the southern coast of New South Wales (Sloss *et al.*, 2007).

Between 9400 – 9000 cal yr BP rising sea-level during the most recent post-glacial marine transgression attained an elevation between 15 and 11 m below present mean sea level (PMSL). Sea level continued to rise to -5 m by 8500 cal yr BP. Between 8300 and 8000 years ago sea-level had risen to 3.5 m below PMSL. During this time rising sea level inundated shallow incised bedrock valleys. Sea level attained present sea level between 7900 and 7700 cal yr BP and continued to rise to a maximum of +1.5 m by 7400 cal yr BP. This is 700 – 900 years earlier than previous estimates (Thom and Roy, 1985), however it is consistent with predicted curve based on the glacio-hydro-isostatic model (Lambeck and Nakada, 1990). The culmination of the Holocene marine transgression was followed by sea-level highstand that lasted until about 2000 years ago, followed by a relatively slow and smooth regression of sea-level from +1.5 m to present level. A series of minor negative and positive oscillations in relative sea-level during the mid to late-Holocene are superimposed over the Holocene sea-level highstand. However, the precise nature of the oscillations are difficult to quantify due to problems associated with accurately determining palaeo-tidal and wave regimes, climatic conditions and the antecedent morphology of the shallow marine environments during the mid-Holocene.

Results from this study also indicate that geomorphological evolution of barrier estuaries that formed in relatively broad and shallow incised valleys (<30m) and in narrow, deeper incised valleys (>40m) has been shown to be different to previously established models. In particular, the early stage of sedimentary infill is characterised by the deposition of a near basin-wide transgressive sandsheet extending up to near present sea-level as rising sea level breached remnants of Last Interglacial barriers during the most recent postglacial marine transgression (*ca.* 12000 – 7000 years cal yr BP). This contrasts with established models for barrier estuary evolution on the southeast coast of Australia, where transgressive sand sheets are restricted to the mouths of incised valleys and back-barrier central basin muds lie directly over the antecedent Pleistocene landsurface (Sloss *et al.*, 2006a, b; 2007).

### **Wednesday 24<sup>th</sup> June: GSAQ Seminar**

**Topic:** Advances in Enhanced Geothermal Systems in non-volcanic environments

**Speaker:** Dr Doone Wyborn, Chief Scientist, Geodynamics Limited

**Where:** The Theodore Club, 333 Adelaide St, Brisbane

**Time:** 5:15 for 6pm; finger food and drinks

**Cost:** Free

**Abstract:** Geodynamics has recently completed its proof-of-concept for the potential development of large-scale extraction of energy from high-heat-production granites. The key elements required for this milestone are:

- Resource definition
- Ability to drill and complete wells
- Ability to hydraulically stimulate fractures
- Ability to develop a substantial reservoir volume
- Achievement of well productivity and injectivity
- Confirming fluid circulation between production and injection wells
- Forecasting resource degradation
- Mitigation of currently identified operational constraints
- Absence of adverse environmental impacts

The next phase of operations is to build a multi-well commercial demonstration plant of 25 megawatts capacity. If successfully completed the role out of multi-well modules of up to 50 megawatts capacity across the defined resource base should lead to large scale production of zero-emission base load power for Australia.

### **OTHER DATES:**

#### **Tuesday 5<sup>th</sup> May, 4.10 p.m.: University of Queensland Seminar**

**Topic:** New insights from U-Pb zircon geochronology in to large volume rhyolite generation at the mid-Tertiary Sierra Madre Occidental Province of Mexico - implications for crustal growth, mineralisation and margin evolution.

**Speaker:** Dr Scott Bryan, WH Bryan Mining and Geology Research Centre, The University of Queensland

**Where:** The University of Queensland, Steele Building, Room 3-221

#### **Tuesday 19<sup>th</sup> May, 4.10 p.m.: University of Queensland Seminar**

**Topic:** The Role of the Deep Carbon Cycle and Superplumes in Generating the Geochemical Reservoirs Sampled by Kimberlite, Carbonatite and OIB Magmas

**Speaker:** Prof Ken Collerson, School of Earth Sciences, The University of Queensland

**Where:** The University of Queensland, Steele Building, Room Steele 3-221

**OTHER DATES (continued):****Monday 1<sup>st</sup> June, 4.00 p.m.: University of Queensland Seminar**

**Topic:** Timescales and chronologies of mid- to late-Holocene reef accretion along the inner-shelf of the Great Barrier Reef, Australia: new insights into reef development under conditions of high turbidity and terrestrial sediment accumulation

**Speaker:** Prof Chris Perry, Department of Environmental & Geographical Sciences, Manchester Metropolitan University

**Where:** The University of Queensland, Steele Building, Room Steele 3-221

**4<sup>th</sup> and 5<sup>th</sup> June 2009: North Queensland Exploration Conference NQEM 2009**

**Where:** Jupiters Hotel Townsville

**Contact:** Kaylene Camuti at [lantana@beyond.net.au](mailto:lantana@beyond.net.au)

For information on sponsorship, exhibition booths or advertising contact Doug Young at [d.young@findex.net.au](mailto:d.young@findex.net.au)

**6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> June 2009 (Queens Birthday Weekend): GSAQ – AIG Field Conference 2009 (starts from Townsville after NQEM)**

**Where:** Charters Towers District – Charters Towers, Pajingo site visits

**Contact:** [d.young@findex.net.au](mailto:d.young@findex.net.au) for further information.

**Call for nominations for GSA Qld Division Executive Committee**

Included with this newsletter, you should have received a nomination form for the **GSAQ Executive Committee. Election of a new committee for 2009/2010 will be held at the AGM on Wednesday 13<sup>th</sup> May.** Please nominate yourself or someone else for a position on the committee or pass it on to someone who you think might like to contribute to the Division. We would particularly welcome younger members and also members from industry.

**Call for nominations: 2009 GSAQ Dorothy Hill and N.C. Stevens Medals**

**The GSA Qld division is still accepting nominations for these medals.**

The Dorothy Hill medal is awarded for contributions to the advance of geological knowledge in Queensland through publication of original research. The N.C. Stevens medal recognizes contributions to the geological community and/or promotion of public awareness of Earth Sciences in Queensland.

A written justification that will form the basis for a citation must accompany each nomination and should be forwarded to our secretary. Nominations for the Dorothy Hill Medal should preferably include a comprehensive list of publications by the nominee. Nominations will remain current for a period of five years.

Details of the guidelines are available on the Queensland Division's website at <http://www.qld.gsa.org.au/GSAQMedals>.

**NQEM 2009 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup> June 2009 and GSAQ Field Conference 6-8<sup>th</sup> June 2009:**

3rd June - a 1 day workshop by Geoscience Australia in Townsville

4-5th June - a 2 day AIG Symposium in Townsville

6-8th June - a 3 day GSAQ Field Conference in north-east Queensland

New discoveries, mineralisation styles & advances in understanding ore deposits will be the theme for six days in June in north Queensland. During the six days, the AIG, GSA and GA are collaborating to offer a

symposium, field conference and workshop that will provide opportunities for geoscientists to get together and discuss the geology and resource potential of northern Queensland.

The two-day symposium organised by the AIG Queensland Branch will run from Thursday 4th June to Friday 5th June, with the symposium dinner on the Thursday night.

On Wednesday 3rd June, Geoscience Australia will be offering a one-day pre-symposium workshop in Townsville. The workshop will discuss the results of the Mt Isa-Georgetown-Charter Towers seismic transects, and will include the release of new data.

Immediately following the symposium the GSA (Queensland Branch) in conjunction with the AIG will again run its popular field conference on the Queen's Birthday long weekend, from the 6th to 8th June, in the Charter Towers area. The field conference will focus on gold mineralisation styles of the region, and will include visits to Conquest Mining NL's Mt Carlton deposit near Collinsville, a high level epithermal gold/silver/copper project deposit; Resolute Mining Ltd's Ravenswood and Mt Wright breccia pipe deposit, and to Citigold Corporation Ltd's deep high grade gold deposits at Charter Towers. Features of the regional geology will be seen during the excursion along with historic features of the Charter Towers field. Recent releases by Geoscience Australia and the GSQ of seismic data in the area will also be reviewed.

Further information on registration, accommodation, sponsorship and exhibitor opportunities will be available soon from Doug Young at [d.young@findex.net.au](mailto:d.young@findex.net.au) and Kaylene Camuti at [lantana@beyond.net.au](mailto:lantana@beyond.net.au).

### **GSAQ - AIG at the EKKA (August 2009):**

Thanks for the feedback received so far. I have submitted an "Expression of interest" to return to the EKKA to the organising committee but there has not been an official response yet, so the planned mid-April meeting will have to wait until June, after I have completed my GSQ field work.

For any feedback, queries or suggestion please feel free to contact myself at [friedrich.vongnielinski@dme.qld.gov.au](mailto:friedrich.vongnielinski@dme.qld.gov.au) or Gregg Webb.

### **Friedrich von Gnielinski (EKKA Subcommittee coordinator)**

#### **New GSAQ publication**

*Rocks, Landscapes & Resources of the Wet Tropics* by Bernd Lottermoser et al.



This book explains how the Wet Tropics region has formed over many millions of years, and the results of this geological history. It describes the relatively young volcanic activity on the Atherton Tableland, how the landscapes and scenery have developed, and how and where mineral deposits formed. It includes chapters on the development and habitats of the Great Barrier Reef, the region's soil types and erosion potential, and its water resources.

The authors are from the School of Earth and Environmental Sciences of James Cook University in Townsville and Cairns, and are distinguished in their respective fields.

The cost is \$10 + \$3p/h.

#### **New Members**

#101456 *Alfonso DELA CRUZ*  
 #101459 *Peter McLAUGHLIN*  
 #101458 *Brien DOYLE*  
 #101457 *Helena JOVANOVIC*

*Ordinary Member*  
*Ordinary Member*  
*Ordinary Member*  
*Ordinary Member*

**Audited financial records for 2008: Treasurers Report:**

**Page 1:**

GEOLOGICAL SOCIETY OF AUSTRALIA INC QUEENSLAND DIVISION		PUBLICATIONS TRADING STATEMENT FOR YEAR ENDED 31 DECEMBER 2008	
2007	2008	2007	2008
\$	\$	\$	\$
		<b>SALES</b>	
		- Field Conference Guides	105.00
		- Rocks & Landscapes GCH	580.00
		- Rocks & Landscapes SSC	2,864.55
		- Rocks & Landscapes Bris-Ips	1,296.00
		- Rocks & Landscapes NPSQ	3,164.82
		- Rocks & Landscapes NPCQ	3,595.00
		- Rocks Landscapes & Res Wet Tropics	2,746.00
		- Rocks & Landscapes Tville	27.00
		- Rocks & Landscapes Cairns	6.00
		- Rocks & Landscapes Curranvon	7.00
		- Rocks & Landscapes Chillagoe	6.00
		- Teaching Slides	12.00
		- Field Guide - Mesozoic Plate Metallogenesis & Magmatism	40.00
		- Miscellaneous	0.00
		<b>(1) TOTAL SALES</b>	14,449.37
		<b>(2) less SALES COMMISSION - DNR&amp;M</b>	0.00
		<b>(3) NET SALES (1 - 2)</b>	\$14,449.37
		<b>Less Cost of Sales</b>	
		<b>(4) STOCK ON HAND at beginning</b>	26,613.32
		<b>add PURCHASES</b>	
		- Publication purchases & production costs	8,340.20
		- less Grant/Sponsorship	-3,500.00
		<b>(5) PURCHASES</b>	4,840.20
		<b>(6) SUB-TOTAL (4+5)</b>	31,453.52
		<b>(7) less STOCK ON HAND at end</b>	24,891.00
		<b>(8) COST OF SALES (6 - 7)</b>	\$6,562.52
		<b>TRADING PROFIT/(LOSS) (3 - 8)</b>	<b>\$7,886.85</b>

Note: Old books stocks valued at \$7,092.00 were written off in 2006.

*F. von Gnielinski*  
F. von Gnielinski  
Treasurer

*S.J. Davis*  
S.J. Davis  
Auditor

**Page 2:**

GEOLOGICAL SOCIETY OF AUSTRALIA INC QUEENSLAND DIVISION		STATEMENT OF INCOME AND EXPENDITURE FOR YEAR ENDED 31 DECEMBER 2008	
2007	2008	2007	2008
\$	\$	\$	\$
<b>INCOME</b>		<b>INCOME</b>	
Capitation Fees	2,775.00	Capitation Fees	2,775.00
Interest - Current Accounts	1,358.74	Interest - Current Accounts	1,358.74
- Investment Imputation	0.00	- Investment Imputation	0.00
Dividend from Investment	745.74	Dividend from Investment	745.74
Trading Profit (Loss) - Publications	7,886.85	Trading Profit (Loss) - Publications	7,886.85
Colonial Investment - Gain (Loss)	-7,388.17	Colonial Investment - Gain (Loss)	-7,388.17
Donations	7.00	Donations	7.00
Other	20.00	Other	20.00
	\$5,005.16		\$5,005.16
<b>EXPENDITURE</b>		<b>EXPENDITURE</b>	
Audit	200.00	Audit	200.00
Bank Charges, Tax, Duty	4.00	Bank Charges, Tax, Duty	4.00
Insurance - Stock	302.52	Insurance - Stock	302.52
Newsletter	529.05	Newsletter	529.05
Postage - Publication Sales net of invoiced postage	-11.41	Postage - Publication Sales net of invoiced postage	-11.41
PO Box Rental	182.00	PO Box Rental	182.00
2008 EKKA (shared with AIG) - net	3,010.98	2008 EKKA (shared with AIG) - net	3,010.98
Prizes/Awards/Schools Competition	50.00	Prizes/Awards/Schools Competition	50.00
Public Lectures	0.00	Public Lectures	0.00
Seminars (net)	2,326.91	Seminars (net)	2,326.91
Sponsorship of Function with AIG/BEDG	800.00	Sponsorship of Function with AIG/BEDG	800.00
GSAQ-AIG 2007 Field Conference - Reimbursement	-590.84	GSAQ-AIG 2007 Field Conference - Reimbursement	-590.84
Sponsorships 2008 (AESC)	650.00	Sponsorships 2008 (AESC)	650.00
Equipment	806.00	Equipment	806.00
Miscellaneous	74.60	Miscellaneous	74.60
Website/Telephone book entry	0.00	Website/Telephone book entry	0.00
	\$8,333.81		\$8,333.81
<b>OPERATING SURPLUS/(DEFICIT) FOR THE YEAR</b>	<b>7,510.51</b>	<b>OPERATING SURPLUS/(DEFICIT) FOR THE YEAR</b>	<b>-2,928.65</b>
Balance brought forward from previous year	71,974.48	Balance brought forward from previous year	79,484.99
<b>ACCUMULATED FUNDS AT END OF YEAR</b>	<b>\$79,484.99</b>	<b>ACCUMULATED FUNDS AT END OF YEAR</b>	<b>\$76,556.34</b>

*F. von Gnielinski*  
F. von Gnielinski  
Treasurer

*S.J. Davis*  
S.J. Davis  
Auditor



**THE INTERNATIONALLY RENOWNED  
INFORMAL WEEKLY GET-TOGETHER FOR EXPLORERS AND MINERS  
UNION JACK'S ALE HOUSE -**

English, Irish, Scottish & Welsh Pub - 127 Charlotte St, Brisbane CBD 5.30pm  
on every Wednesday evening if your work/spouse/budget/health allows


## Audited financial records for 2008: Treasurers Report (continued):

### Page 3:


GEOLOGICAL SOCIETY OF AUSTRALIA INC  
QUEENSLAND DIVISION

BALANCE SHEET AS AT 31st DECEMBER 2008

	2007 \$	2008 \$	
<b>FIXED ASSETS</b>			
Various items	0.00	0.00	(Note 3)
<b>TOTAL FIXED ASSETS</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>CURRENT ASSETS</b>			
Change Float	80.00	80.00	
Westpac Cheque Account	35,009.87	10,247.00	
Westpac Max-I Direct Account	0.00	30,761.72	
Colonial - Investment	17,506.15	10,117.98	
Publication Stocks	26,613.32	24,891.00	(Note 1)
Debtors - GSA Sydney	278.65	461.64	(Note 2)
<b>TOTAL CURRENT ASSETS</b>	<b>\$79,487.99</b>	<b>\$76,559.34</b>	
<b>less CURRENT LIABILITIES</b>			
Creditors	0.00	0.00	
<b>TOTAL CURRENT LIABILITIES</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>NET ASSETS (Accumulated Funds)</b>	<b>\$79,487.99</b>	<b>\$76,559.34</b>	

  
 F. von Gnielinski  
 Treasurer

**AUDITOR'S STATEMENT**  
 I have examined the books and accounts of the Geological Society of Australia Incorporated, Queensland Division. Based on the information available to me, in my opinion the accompanying Statements and Balance Sheet properly reflect the transactions for the year ended 31 December 2008 and the state of affairs of the Division at that time.

  
 S.J. Davis  
 Auditor

### Page 4:

GEOLOGICAL SOCIETY OF AUSTRALIA INC  
QUEENSLAND DIVISION  
NOTES TO ACCOMPANY 2008 ACCOUNTS

**Note 1 - Publication Stocks**

	2007 Value \$	Count	Unit Price \$	2008 Value \$
Field Conference Guides				
1978 (3rd AGC)	0.00	0	2.00 *	0.00
1981	0.00	0	5.00 *	0.00
1982	0.00	0	5.00 *	0.00
1983	0.00	0	5.00 *	0.00
1985	0.00	0	3.64	0.00
1986	0.00	0	9.00 *	0.00
1992	0.00	0	8.54	0.00
1994	0.00	0	15.00 *	0.00
1995	0.00	0	18.95	0.00
	<b>0.00</b>			<b>0.00</b>
Symposia Volumes etc				
- Envir Geology Symposia Papers	9,947.04	1125	8.16	9,180.00
- Mesozoic 96 Conf. Ext. Abstract	6,342.00	681	7.00	4,767.00
Educational Books				
- Rocks & L'scapes Nat Pks QLD	0.00	824	4.62	3,807.00
- Rocks & L'scapes Nat Pks SQld	0.00	5	In reserve	0.00
- Rocks L'scapes & Res Wet Trop	586.52	30	4.73	142.00
- Old Field Geology Guide	5,597.36	886	4.88	4,324.00
- Rocks & Landscapes GCH - ed	4,120.20	490	5.40	2,646.00
- Rocks & Landscapes SSC 2nd E	5.05	1	5.05	5.00
- Rocks & Landscapes Bris-tps	10.10	1	5.05	5.00
- Rocks & Landscapes Chillagoe	5.05	0	5.05	0.00
- Rocks & Landscapes Cairns	5.05	3	5.05	15.00
- Rocks & Landscapes Townsville	0.00	6	0.00	0.00
- Ancient Rocks of Carnarvon Cr	0.00	7	0.00	0.00
- Teaching Slides + Geol Hist Br	0.00	Total		<b>\$24,891.00</b>
- Geol Hist of Bris - CD	0.00			<b>0.00</b>
	<b>\$26,613.32</b>			<b>\$24,891.00</b>

Note: Book Stocks are valued at the lower of Cost or Selling Price (\* = Selling Price)  
 Old books stocks valued at \$7,092.00 were written off in 2006.

**Note 2 - Debtors**  
 \$461.64 is due from GSA Sydney comprising balance of 2008 Grant \$300.00 and publication sales \$161.64.

**Note 3 - Assets**  
 Assets which are recorded in the Asset Register have been fully depreciated or expensed and are thus not reported in the Balance Sheet.

  
 F. von Gnielinski - Treasurer

  
 S.J. Davis - Auditor

**Friedrich von Gnielinski (Hon. Treasurer)**



**Geological Society of Australia Inc, Queensland Division**

**NOMINATION FORM  
EXECUTIVE COMMITTEE AND REGIONAL REPRESENTATIVES**

Nominations for Executive Committee for 2009/2010 are now being accepted.

I, .....(full name)  
agree to accept nomination for the position of (please circle one):

**Executive Committee**

- Chair
- Vice-Chair
- Honorary Secretary
- Honorary Treasurer
- Membership Secretary
- Newsletter Editor
- Committee Member (no limit to numbers)

**Regional Representatives**

- Central Queensland
- Northern Queensland
- Northwestern Queensland

Nominated by: .....

Seconded by: .....

Signed: ..... Date: .....

Please **mail or fax** your nominations today.

**Stephanie Hamilton**  
**Honorary Secretary**  
**C/- Geological Survey of Queensland**  
**Block A, 80 Meiers Rd**  
**Indooroopilly QLD 4068**  
**Ph. (07) 3362 9324**  
**Fax (07) 3362 9343**

Further expressions of interest can be sent via e-mail to: [stephanie.hamilton@dme.qld.gov.au](mailto:stephanie.hamilton@dme.qld.gov.au)

### Queensland Committee 2008-2009

<i>Position</i>	<i>Phone</i>	<i>Fax</i>	<i>E-mail</i>
<b>Chairman</b>			
Dr Gregg Webb	3864 2804		ge.webb@qut.edu.au
<b>Vice-Chairman</b>			
A/Prof. Sue Golding	3365 1159	3365 1277	s.golding@earth.uq.edu.au
<b>A/Secretary</b>			
Position vacant			
<b>Treasurer, Membership Secretary &amp; Video Library&amp;EKKA Subcommittee chair</b>			
Mr Friedrich von Gnielinski	3362 9362	3362 9343	vongnielinski@optusnet.com.au
<b>Committee Members</b>			
Ms Stephanie Hamilton	3362 9324	3362 9343	stephanie.hamilton@dme.qld.gov.au
Mr Ian Withnall	3362 9363	3362 9343	ian.withnall@optusnet.com.au
Mr Len Cranfield	3896 9883		len.cranfield@dme.qld.gov.au
Mr Warwick Willmott	3379 6485		willmott@powerup.com.au
Dr Ben Cohen			b.cohen@uq.edu.au
Mr David Jones	3423 1041		jonesd@bigpond.net.au
<b>Webmaster</b>			
Dr Paul Blake	3362 9332	3362 9343	paul.blake@dme.qld.gov.au
<b>AIG Representative</b>			
Mr Doug Young	3236 4188		d.young@findex.net.au
<b>Central Queensland Regional Representative</b>			
vacant			
<b>Newsletter Editor</b>			
Mr Friedrich von Gnielinski			
<b>Education Subcommittee</b>			
Dr Laurie Hutton	3362 9347	3362 9343	laurie.hutton@dme.qld.gov.au
<b>Awards Convenor</b>			
Dr Laurie Hutton	3362 9347	3362 9343	laurie.hutton@dme.qld.gov.au
<b>GSA Publications</b>			
Mr Warwick Willmott	3379 6485		willmott@powerup.com.au

#### General correspondence should be addressed to our secretary:

Ms Stephanie Hamilton, GPO Box 1820, Brisbane Qld 4001.

**For subscription and address changes please contact the GSA's main office: (Note change of address:)**

Sue Fletcher, Executive Director, GSA, Suite 61, 104 Bathurst street, Sydney NSW 2000.

Phone: (02) 92902194 Fax: (02) 92902198 EMAIL: [info@gsa.org.au](mailto:info@gsa.org.au)

#### Advertising and Sponsorship Rates:

Our newsletter is circulated to about 500 members across Queensland, as well as being posted on our web page. It represents an ideal opportunity to advertise your company and services.

Size	width x height	1 issue	12 months (5 issues)
Full page	17.2 x 24.1 cm	\$120	\$300
Half page	17.2 x 11.9 cm or 8.4 x 24.1 cm	\$75	\$375
Quarter Page	17.2 x 5.8 cm or 8.4 x 11.9 cm	\$40	\$200
Business card	8.4 x 5.8 cm	\$20	\$100
Pamphlets and Flyers (as inserts)		~ \$100	