



## AUSTRALIAN SOCIETY OF EXPLORATION GEOPHYSICISTS

1 August 1984.

### AUGUST NEWSLETTER

#### MACQUARIE UNIVERSITY

#### Postgraduate Studies in the Earth Sciences

Applications are invited for admission to the Graduate  
Diploma in Geoscience  
offered by the School of Earth Sciences

#### DIPLOMA IN GEOSCIENCE

##### Part-time External (2-year) Program

Programs are available in the fields of:

EXPLORATION GEOPHYSICS

MINERAL ECONOMICS

SEDIMENTARY GEOLOGY & RESOURCES

MINERAL EXPLORATION

Candidates must possess tertiary qualifications preferably with a major in geology, geophysics or mining engineering. Graduates with qualifications in other sciences, engineering, economics, commerce or geography may, however, apply for the Mineral Economics, Applied Geomorphology and Applied Geography programs. The part-time programs are offered through external courses. In some cases candidates successfully completing a Diploma program may convert that to a Master of Geoscience (or Science) program. A limited number of attendances at the University during the candidature of part-time external students is obligatory.

Applications should be lodged by 5 October 1984 but not later than 2 November 1984.

Further information and application forms may be obtained from the Registrar, Macquarie University, North Ryde, NSW, 2113 - Phone: (02) 88 9241



2281C12YH7912A.010122 \*\*\* NEW SOUTH WALES BRANCH \*\*\*

Just another reminder about the joint meeting with SMEDG.

Date: Tuesday 7 August 1984  
4.30 p.m. for 5.00 p.m.

Venue: THE RUGBY CLUB,  
Crane Place, (off Pitt Street)  
SYDNEY

Dress: Tie and Jacket for men.

Speaker: MR S.S. WEBSTER, Principal Geophysicist,  
Department of Minerals and Energy of New South Wales.  
This is a joint ASEG/SMEDG meeting.  
(Sydney Mineral Exploration Discussion Group)

Topic: "THE STATE OF GEOPHYSICAL MAPPING IN  
NEW SOUTH WALES"

A presentation by Steve Webster outlining the current status of Geophysical magnetic and radiometric regional mapping in N.S.W. Examples of this work relating to known mineralisation is presented especially as it pertains to granitoid associated deposits.

Enquiries: P. Gidley ASEG (02) 235 8210  
R. Cox SMEDG (02) 84 7729

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\*\*\* A.C.T. BRANCH \*\*\*

Notice of Meeting:

Date & Venue: Wednesday 15 August 1984 - Canberra Club

Drinks: 5.30 p.m. - Grill Bar

Meeting: 6.00 p.m. to 7.00 p.m. - Function Room  
Dinner afterwards in Dining Room

Guest Speaker: MR PETER WATT,  
Department of Electrical Engineering,  
University of Tasmania.

Topic: "ELECTRONICS IN GEOPHYSICS"

Contact: Barry Drummond BMR (062) 499311

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A.C.T. Branch Continued

Notice of September Meeting:

Date & Venue: Wednesday 5 September 1984 - RSL and Citizens Club  
Drinks: 5.30 p.m. in the Bar  
Meeting: 6.00 p.m. to 7.00 p.m. - Function Room  
Dinner afterwards in Club Restaurant  
Guest Speaker: DR SVEN TREITEL,  
Amoco Production Company in Tulsa  
Topic: "PLANE WAVE DECOMPOSITION OF EXPLORATION SEISMOGRAMS"  
Contact: Barry Drummond BMR (062) 49 9311

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Notice of October Meeting:

"A.S.E.G. SPRING GOLF CLASSIC"  
Date and Golf Course to be fixed.  
Contact: David Tucker BMR (062) 49 9216

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Notice of December Meeting:

The December Meeting is to be held on the 5 or 6 of December. The speaker at that meeting will be Dr Michael Gove, Director of Questacon. Again further details will be given later.

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There is a move to set up a branch of the Petroleum Exploration Society of Australia (PESA) in Canberra. With this in mind, Larry Harrington (BMR) has been co-opted to the A.C.T. Branch Committee. Those from A.C.T. or surrounding areas who are interested are asked to contact either Larry Harrington (062) 49 9412 or Barry Drummond (062) 49 9311.

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\*\*\* WEST AUSTRALIAN BRANCH \*\*\*

Advance Notice:

W.A. BRANCH - A.S.E.G. ANNUAL DINNER

This is to be held in the Binshaw Room at Gloucester Park on Friday 23 November commencing at 6.30 p.m. Interstate members are also invited to attend if visiting W.A. at that time and are advised to contact W.A. Branch members for bookings.

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**Date:** Monday 6 August 1984  
**Time:** 5.15 p.m. for 5.45 p.m.  
**Venue:** Geological Survey of Victoria  
Conference Room, Mezzanine Floor.  
140 Bourke Street, Melbourne  
**Topic:** "DRILLHOLE T.E.M. - EXAMPLES USING  
THE NEWMONT SYSTEM"

by Graham W. Boyd,  
Newmont Holdings Pty Ltd

A simple inversion technique for the interpretation of prime domain in E.M. data has been developed by Newmont. Application of the technique to drillhole surveys on three projects in Eastern Australia will be presented.

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Notice of 2nd Meeting:

**Date:** Monday 20 August 1984  
**Time:** 5.15 p.m. for 5.45 p.m.  
**Venue:** Geological Survey of Victoria  
Conference Room, Mezzanine Floor  
140 Bourke Street, Melbourne  
**Topic:** "QUALITY CONTROL OF GEOPHONE ELEMENTS  
AND THEIR EFFECT ON SEISMIC DATA"

**Speaker:** Shaughan Callister  
International Sales Manager  
Sensor Division - Geosource  
NETHERLANDS

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\*\*\* SOUTH AUSTRALIAN BRANCH \*\*\*

Branch Committee for 1984/85

**President:** J.F. Allender  
**Secretary:** A.A. McGee  
**Treasurer:** E.R. Allison  
**Committee:** T. Crabb  
R. Smith  
A. Appleton  
T. Whiting  
N. Sheard  
C. Anderson  
P. Moorefield  
H. Van Paridon

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\*\*\* QUEENSLAND BRANCH \*\*\*

Notice of Meeting:

Date: Wednesday 8 August 1984  
Time: 5.30 p.m.  
Venue: Director's Suite,  
Queensland Institute of Technology  
Speaker: RICHIE HUBER  
Senior Geologist  
Mines Department  
Topic: "RECENT INSTRUMENTAL DEVELOPMENTS IN GEOPHYSICS  
APPLIED TO ENGINEERING PROBLEMS"  
RSVP: (a.s.a.p) Joe Williams or Carol (Secretary) (07) 223 2324

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MISSING MEMBERS

The dynamic nature of geophysics means that its people are a widely-based and transient group of professionals. It is therefore an on-going task to upgrade addresses and monitor movements of A.S.E.G. members. This is a difficult task and we ask for your assistance. The following is a list of members with their last known address. Unfortunately mail sent to these addresses has been returned and therefore we seem to have lost contact:

Mr R.G. Affleck,  
21 Mulga Street,  
O'CONNOR, A.C.T. 2601

Mr D.P. Ainsworth,  
17a Martock Way,  
KARRINYUP, W.A. 6018

Mr T.J. Allen,  
G.S.I.  
G.P.O. Box 2298,  
PERTH, W.A. 6001

Mr M.S. Amatya,  
Department of Geophysics,  
University of New England,  
ARMIDALE, N.S.W. 2351

Ms J. Bauer,  
C/- AAR Ltd.,  
G.P.O. Box 880,  
BRISBANE, Qld. 4001

Mr K. Beauglehole,  
C/- Geophysical Services Inc.,  
25 Barrack Street,  
PERTH, W.A. 6000

Mr M.A. Canning,  
Department of Geophysics,  
University of New England,  
ARMIDALE, N.S.W. 2351

Mr J.D. Charters,  
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PRAHRAN, Vic. 3181

Mr D.R. Closier,  
C/- Dighem Ltd.,  
Post Office Box 57,  
CROWS NEST, N.S.W. 2065

Mr R.G. Cowley,  
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NORTH ADELAIDE, S.A. 5006

Mr C.E. Dempsey,  
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ADELAIDE, S.A. 5000

Mr R.H.C. Doery,  
Flower, Doery, Buchan Pty Ltd.,  
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NORTH SYDNEY, N.S.W. 2060

Mr J.M. Durrant,  
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Research School of Earth Sciences,  
Australian National University,  
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PERTH, W.A. 6001

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G.P.O. Box 689,  
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HALLETT COVE ESTATE, S.A. 5158

Mr R.J. Gray,  
13 Christopher Street,  
DERNANCOURT, S.A. 5075

Mr J. Janak, Jnr.,  
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BRISBANE, Qld. 4001

Mr R.L. Jones,  
Seiscom Delta United (Aust),  
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BRISBANE, Qld. 4001

Mr D.A. Kenlon,  
C/- Seiscom Delta United (Aust),  
G.P.O. Box 689,  
BRISBANE, Qld. 4001

Mr M.W. Khoury,  
Seiscom Delta United (Aust),  
G.P.O. Box 689,  
BRISBANE, Qld. 4001

Mr M. Kirton,  
C/- R.E.M.I.,  
5E Etage,  
5 Rue General Laperine,  
ALGER, ALGERIA

Mr G. Lear,  
9 Wells Street,  
CHIFLEY, N.S.W. 2036

Mr B.K. Lenon,  
Questor Surveys,  
28th Level, 20 Bond Street,  
SYDNEY, N.S.W. 2000

Mr W.C. McBride,  
C/- G.S.I.,  
5th Floor, 25 Barrack Street,  
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APPLECROSS, W.A. 6154

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66 Hensman Street,  
SOUTH PERTH, W.A. 6151

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G.P.O. Box 4047,  
SYDNEY, N.S.W. 2001

Mr P.B. Papazian,  
C/- Amax Exploration,  
12620 W. Cedar Drive,  
LAKEWOOD, Colorado USA

Mr R.R. Pearce,  
69 Outram Street,  
WEST PERTH, W.A. 6005

Mr R.L. Pickering,  
C/- AAR Ltd.,  
G.P.O. Box 880,  
BRISBANE, Qld. 4001

Mr K.A. Potts,  
Seismograph Services Ltd.,  
12 Northcote Street,  
TORRENSVILLE, S.A. 5031

Mr J.E.P. Redfearn,  
C/- S.A.D.G.,  
226 Melbourne Street,  
NORTH ADELAIDE, S.A. 5006



Mr L.T. Reford,  
9/23 Ardross Crescent,  
COOLBINIA, W.A. 6050

Mr S.W. Reimer,  
SIE Division,  
Geosource Inc.,  
Unit 10, 35 Tate Street,  
BENTLEY, W.A. 6107

Mr G. Sakalades,  
36 Wollybutt Road,  
ENGADINE, N.S.W. 2233

Mr A.S. Scherl,  
42 Swinden Street,  
DOWNER, A.C.T. 2602

Mr P.G. Senyica,  
1/1 Houston Road,  
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25 Barrack Street,  
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Mr D.A. Stevens,  
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HAWTHORN, Vic. 3122

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C/- Geophysical Services Inc.,  
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167 Terry Street,  
KYLE BAY, N.S.W. 2221

Geoscience Association (Aust) Pty Ltd.,  
Post Office Box 239,  
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SHOULD THEY SEE THEIR NAME OR YOU  
KNOW SOMETHING OF THEM, PLEASE  
CONTACT A LOCAL ASEG REPRESENTATIVE  
OR THE SCIENCE CENTRE IN SYDNEY.