



CHANGES TO THE MERIWA BOARD

30th June 2010 saw the retirement of Mr Rex Baker from the Board of MERIWA and the appointment of a new Chairman, Mr Phil Lockyer, and new Director, Mr Stedman Ellis.



NEW CHAIRMAN

As of 1 May 2010 Mr Phil Lockyer, Board member of MERIWA since 2006, commenced serving as Chair, replacing Mr Rex Baker who stepped down after 6 years in that role.

Mr Lockyer previously served 7 years on MRAC, and thus provides a vital link between the technical advisory role and the Board's financial oversight role.

He completed tertiary studies first at Ballarat's School of Mines and Industries and then at WASM in Kalgoorlie (1969, 1972) and followed these with postgraduate studies including a Master's in Mineral Economics at Curtin University of Technology.

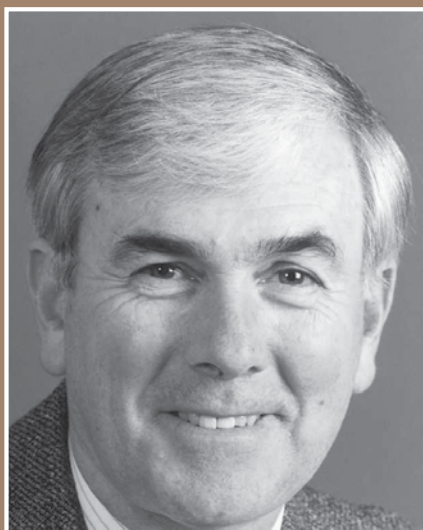
Phil brings decades of field expertise in mining and mine engineering, and his experience as a non-executive director of a number of public mining companies will be invaluable for the new Chairman of the MERIWA Board.



NEW DIRECTOR FOR MERIWA

Currently the Deputy Director General of the Department of Mines and Petroleum, Mr Stedman Ellis became a Director of MERIWA in May 2010.

Stedman has significant senior management experience in industry (BHP Billiton Iron Ore) and government in the facilitation of major developments, and regulating the resources sector, and an understanding of the complexities in the delivery of research programs.



BOARD CHAIRMAN RETIRES

Mr Sidney Rex Baker retired as Chairman of the Board of MERIWA on 1 May 2010. He was originally recruited by Hon Peter Jones to chair the Minerals and Petroleum Advisory Committee of the WA Mining and Petroleum Research Institute (WAMPRI), MERIWA's predecessor. Mr Baker's initial 3 year term eventually stretched over 28 years of dedicated and sustained commitment to the WA minerals research community.

Mr Baker served as the inaugural Chairman of the Minerals Research Advisory Committee (MRAC) for 12 years before being appointed to the MERIWA Board in 1993 and Chairman in 2004. The MERIWA community benefited greatly from Rex's sage advice and technical/commercial input into the majority of the 280 projects completed during his years of service.

We are grateful for Mr Baker's continuous involvement over nearly all three decades of MERIWA's existence to date.



SCHOLARSHIP AWARDS

On 31 May 2010 an award ceremony was held at Minister Moore's office to acknowledge the 2010 recipients of MERIWA scholarships.

Pictured left to right: Mr Phil Lockyer, Chairman of MERIWA's Board, Mr Simon Assmann, Mr David Grimsey, Ms Zoja Vukmanovic,

Mr Mohammad Sarmadivaleh, the Hon. Norman Moore, Minister for Mines and Petroleum, and Mr Andrew Greenwood. (Ms Talitha Santini of University of WA was unable to attend). The affiliations, PhD projects and supervisors of the six scholarship recipients were the subjects of an article in the March 2010 issue (Volume 28 No .1).

NEW APPOINTMENTS TO MRAC

Members

Mr Joe Cucuzza, AMIRA's Director of Project Delivery and Program Manager, will represent that organization on the MRAC as member. His two decades' experience initiating and managing multi-sponsor research projects for the mining industry, which followed 12 years as industry geoscientist, will be valuable to the MRAC.

Mr Gerard Danckert, Rio Tinto Iron Ore's General Manager Resource Development, will be the new member for the Chamber of Minerals and Energy of WA, offering his extensive experience of developing the State's major mineral commodities, including orebody knowledge and mine planning.

Dr Rob Hough has been a Senior Research Scientist at CSIRO since January 2005. He is appointed MRAC member for the organisation and will contribute from his two decades' study of processes of metamorphism and mineral water interactions, most recently in gold formation.

Professor Kate Wright, Dean of Research and Development at Curtin University of Technology, will be the member from that university. She brings a background in dynamics of Earth's mantle, and more than 15 years of experience in exploration management in various geological terrains. Her expertise in exploration modelling and target generation will be welcomed by the geoscience sub-committee.

Mr Nicholas Fitzgerald, Chief Geophysicist for Woodside Energy Ltd, is appointed the member representing the

APPEA. His 30 years' experience in all aspects of seismic data acquisition, processing and interpretation along with international experience will be welcomed by the hydrocarbons and geosciences sub-committees.

Dr Bryan Smith has represented AMEC as deputy member since July 2004. On Adrienne Meakins' departure from MRAC, Bryan has been appointed the AMEC member.

Deputy Members

Mr Peter Bewick, of Encounter Resources will represent AMEC as deputy member, and as a founding director of Encounter with comprehensive exploration and mine geology experience will strengthen the geoscience sub-committee.

Dr James Cleverley is appointed deputy member to represent CSIRO, where he has been a Senior Geochemist since September 2006. He will contribute expertise in innovative geochemically based technologies applied to mineral exploration.

Professor John Dell will serve as UWA's deputy member to the MRAC. John is UWA's Dean of the School of Electrical, Electronic and Computer Engineering and previously worked in materials science and semiconductor materials for more than three decades.

Ms Sharon Dignard is appointed to the MRAC as the Chamber of Commerce and Industry of WA's deputy member and brings background in industry policy, and regional development.

NEW APPOINTMENTS TO MRAC (Continued)

Mr David Flanagan is appointed deputy member to the MRAC by the Minister. He has been Managing Director of Atlas Iron Ltd since 2004.

Dr James Kyle also is appointed deputy member by the Minister. He has 35 years' experience as a Chemist and Metallurgist and is currently Group Research Leader for gold projects in the Parker Centre.

Dr Ivor Roberts is a geologist with Geological Survey of WA and will represent the Department of Mines and Petroleum as deputy member. His geological research has centred on mineralogy and he will bring needed expertise to the geosciences sub-committee.

Dr Gamini Senanayake is appointed deputy member from Murdoch University where he is a senior lecturer in the

Faculty of Minerals and Energy. His expertise includes hydrometallurgical unit operations and separation of metals from leach liquors.

Dr Alan Thompson will represent Curtin University as deputy member. He is a Principal Research Fellow at WA School of Mines and a consulting engineer, and brings major interests in all aspects of stability of surface and underground excavations.

Mr Bill Staunton, deputy member of MRAC who has retired from Murdoch University, has been re-appointed a deputy member by the Minister. Bill will continue to contribute his extensive hydrometallurgy experience to the minerals processing sub-committee.

MORE CHANGES TO MRAC

MERIWA has benefited greatly from the involvement of the following people now leaving the MRAC, and thanks them all:

Professor Bob Gilkes, UWA has served on the MRAC for 16 years and 9 months, as the deputy member for UWA and his long-term dependable contributions particularly on the General Sub-Committee will be much missed. Bob's decades of research experience at CSIRO and the UWA highly qualified him in soils science and all related areas of research funded by MERIWA, such as regolith studies, rehabilitation on minesites and engineering of landforms. He has now retired from UWA's Dept. of Soil Sciences after 41 years' service there.

Dr Charles Butt, was appointed to the MRAC in January 1996 as the deputy member from CSIRO and served in that capacity 8 years before being appointed member. Charles' applied geochemistry background has made him a greatly valued member of the geoscience sub-committee for these 14 years, in its evaluation of mineral exploration proposals. Most recently MERIWA has funded several regolith, hyperspectral and regional geochemical studies motivated by him. As well, Charles has served as MRAC's Deputy Chair since 2005. Charles has been with CSIRO for nearly 40 years and is currently a CSIRO Fellow and Chief Research Scientist. His resourcefulness and breadth of knowledge will be much missed, now that he is retiring from MRAC.

Mr Peter Baillie was appointed by the Minister to be a deputy member of the MRAC, in January 1996. During his 14 years Peter's contributions to the hydrocarbons and geosciences sub-committees' deliberations from his extensive petroleum geotechnical expertise were much appreciated. After many years working in the petroleum and seismic industries in Australia, Peter relocated from Perth to Singapore in late 2009.

Ms Adrienne Meakins has served as a member of the MRAC representing AMEC since July 2004. She brought her extensive

experience in mineral exploration, particularly for gold, to the geosciences sub-committee and contributed helpfully to many MRAC discussions, even suggesting the change in meeting start time from 9 a.m. to 8 a.m. – still in effect!

Dr Brent McInnes was appointed deputy member of the MRAC from CSIRO in July 2004 and has added needed expertise in geochemical and mineral exploration and instrumentation for analyses. His contributions to the geoscience sub-committee will be missed, as he is seconded from CSIRO to Curtin University to direct the John deLaeter Centre facilities.

Mr Neil Kavanagh took up his appointment to the MRAC as the member representing APPEA in April 2006. A Woodside petroleum engineer and manager, he has contributed expertise in each area to both the MRAC and the hydrocarbons sub-committee over his 4 year term.

Professor Ernesto Villaescusa of the WASM was appointed as deputy member from Curtin University on the MRAC as of July 2007. He brought a strong background in mining engineering to his service on that sub-committee during his 3-year appointment.

Mr Robbie Rowe of Barrick Gold of Australia was appointed in July 2007 by the Minister to be a deputy member of the MRAC. His two decades of experience in gold exploration internationally were welcomed in MRAC deliberations.

Ms Brenna Pavey was appointed in July 2007 to represent the Chamber of Commerce and Industry of WA as deputy member of the MRAC. A senior environmental policy adviser to Chamber of Commerce and Industry and previously policy officer at Chamber of Minerals and Energy, she contributed to proposal assessments particularly in the general sub-committee's environmental topics.

NEW PROJECTS

Under this heading, recently commenced projects are briefly described. In most cases additional sponsors are still welcome, and any Companies interested in obtaining further information should contact the Executive Officer.

M409, *In-Place Leaching of Oxidised Gold Ores*, commenced in April 2010. This 9-month study of a novel system for recovering gold from currently uneconomic resources is based at CSIRO. It has support from Minotaur Exploration Ltd, Gold Fields Australia Pty Ltd, Newmont USA Limited, Newcrest Mining Ltd, Orica Ltd, BASF Australia Ltd, PIRSA and GSWA at \$10,000 each, with MERIWA contributing \$35,000. More detail will appear in the February 2011 issue of Research News.





RECENT MERIWA PUBLICATIONS

Report No.	Project No.	Title	Author(s)	Cost (\$) CD-Rom [includes GST]
◆263	M333	Corrosion of rock reinforcement in underground excavations	E Villaescusa, et al	\$55.00
●◆264	M375	Erosion resistant landform design for steep slopes in rehabilitated bauxite mines	F Mengler, et al	\$55.00
●◆265	M378	Use of metham sodium to eliminate <i>Phytophthora</i> from roading gravel	E M Davison, et al	\$55.00
◆266	M371	Laterite geochemical database for the western Yilgarn Craton, Western Australia	M Cornelius, I D M Robertson et al	\$55.00
◆267	M363	Feasibility of seismic methods for imaging gold deposits in Western Australia	M Urosevic/B J Evans	\$55.00
●◆268	M289	Radiographic silicosis and lung cancer in Kalgoorlie goldminers	N H de Klerk/A W Musk	\$55.00
●◆269	M373	Development and implementation of advanced automated core logging technology for enhanced mine feasibility and development in Western Australia	J F Huntington, et al	\$55.00
●◆270	M379	The classification of inland salt lakes in Western Australia	S Gregory	\$55.00
◆271	M385	The development of a hyperspectral environmental measurement tool for monitoring mining related infrastructure and rehabilitation	C Ong, et al	\$55.00
●◆272	M372	A physiological and biochemical basis for seed storage for biodiversity conservation and restoration	S Hidayati, et al	\$55.00
◆273	M398 I&II	Cyanide ecotoxicity at hypersaline gold operations	M Adams, et al	\$55.00
●◆274	M392	Iron oxyhydroxide characterisation and modification in bauxite: Tools for predicting and improving Bayer performance	N Zwingmann, et al	\$55.00
◆275	M377	Scale-integrated, architecturally, geodynamically and geochemically constrained targeting models for gold deposits in the Eastern Goldfields Province, Yilgarn Craton	J Walshe/P Neumayr	\$55.00
◆276	M382	Evaluation of monorail haulage in metalliferous underground mining	E Chanda/M Kuruppu	\$55.00
●◆277	M364	Successful rehabilitation of species-rich heathlands after mining for heavy minerals	D Herath, et al	\$55.00
◆278	M384/AMIRA	Gold processing technology	M Nicol, et al	\$55.00
◆279	M366	High resolution seismic monitoring in open pit mines	J Wesseloo, et al	\$55.00
◆280	M402	Hydrogeochemical mapping of the northeast Yilgarn	D Gray, et al	\$55.00
◆281	M386	Broadening the application of seismic monitoring in underground mines	Y Potvin, et al	\$55.00

- Available Hardcopy ◆ Available CD-Rom (\$55 includes GST)

RESEARCH ASSISTANCE

MERIWA accepts applications for financial assistance at any time throughout the year, for research projects perceived to be of benefit to the Minerals and Petroleum Industries in Western Australia. The submissions are assessed by the Minerals Research Advisory Committee before consideration by the Board for research grants. The approval process usually takes 3 to 4 months.

For application forms and further information, applicants are invited to contact MERIWA at:

Mineral House, 100 Plain Street, EAST PERTH WA 6004
Telephone: (08) 9222 3397 Facsimile: (08) 9222 3727

E-Mail: Gwen.DAVIES@dmp.wa.gov.au
Website: <http://www.dmp.wa.gov.au/meriwa>