

ACG Managing Tailings and Waste Rock Drainage – Quality and Quantity Workshop

28 September 2010, Sheraton Perth Hotel, Western Australia

WORKSHOP PROGRAMME*	
0800	Registration
0830	Welcome and Introduction, <i>Andy Fourie</i>
0845	The magnitude of the acid drainage problem, <i>Ron Watkins</i>
0915	Introduction to quantification of risk, <i>Andy Fourie</i>
Session One – Quantity	
0945	The water balance of tailings storage facilities and waste rock dumps, <i>Andy Fourie</i>
1015	Morning Break
Session One – Quantity (continued)	
1045	A probabilistic approach, <i>Andy Fourie</i>
1115	Instrumentation, <i>Andy Fourie</i>
1200	Discussion
1230	Lunch
Session One – Quantity (continued)	
1330	Seepage modelling: choosing an appropriate model, <i>Andy Fourie</i>
Session Two – Quality	
1415	Generation of acid drainage, <i>Ron Watkins</i>
1500	Predicting quality, <i>Ron Watkins</i>
1530	Afternoon Break
Session Two – Quality (continued)	
1600	Appropriate testing, <i>Ron Watkins</i>
1645	Discussion
1715	WORKSHOP CLOSE

* The workshop programme was correct at the time of brochure printing. For updates, please visit www.minewaste2010.com

Workshop Presenters



Andy Fourie
Professor, School of Civil and Resource Engineering, The University of Western Australia (UWA)

In 2008, Andy joined UWA's School of Civil and Resource Engineering. From 2005 to 2008 he was principal – environmental geomechanics at the Australian Centre for Geomechanics. Andy has more than 25 years industry and research experience in the management, transportation and disposal of mining waste. He has co-edited numerous ACG publications including: the "Handbook on Mine Fill" and "Paste and Thickened Tailings - A Guide (Second Edition)". Andy's research interests are the management and disposal of mining, industrial and solid wastes.



Ron Watkins
Associate Professor and Director, EIGG, Department of Applied Geology, WA School of Mines, Curtin University of Technology

Ron gained his PhD from the University of London studying the geological background and palaeo-environments of human evolution in northern Kenya. He subsequently obtained an MSc in geochemistry at the University of Leeds. He has held lecturing and senior research posts at the University of St Andrews and the University of Cape Town before joining the School of Applied Geology at Curtin University in 1994. At Curtin, he is responsible for teaching environmental geology and geochemistry and is director of the EIGG. Research within EIGG covers the broad area of environmental pollution and has included studies of mining pollution in Thailand, Tanzania, Zimbabwe, India and The Philippines, as well as Western Australia and Victoria. Ron has delivered numerous courses on mine pollution and environmental geochemistry to industry professionals since 1994 in Australia and overseas.

