

# PROGRAM



**Short Course on  
The Fundamentals of Good Mine Rehabilitation  
Achieving Better Outcomes  
29-31 July 2009  
Charters Towers, Queensland**

Wednesday 29 July 2009		Presenters
8.15 am	Registration	
8.30 am	Introduction – Participant Background and Expectations	<b>Mr Ron McLean &amp; Mr Bruce Barrie</b> ACMER
8.45 am	Industry Setting and Challenges	<b>Ms Toni Ward</b> Peabody Energy Australia
9.15 am	Business Case for Good Practice Rehabilitation	<b>Mr Mark Yingling</b> Peabody Resources
9.45 am	Regulatory Perspectives on Current Mine Rehabilitation	<b>Ms Tania Laurentcont</b> Queensland DERM
10.15am	Discussion	
10.30 am	Morning Break	
11.00 am	Characterisation of Soils, Overburden and Wastes	<b>Emer Prof Clive Bell</b> ACMER
12.30 pm	Lunch Break	
1.15 pm	Practical Perspectives of Mine Closure Planning	<b>Ms Corinne Unger</b> Environmental Consultant
2.00 pm	Mined Landform and Drainage Design Principles	<b>Mr Rory Haymont</b> Newmont Asia Pacific
3.00pm	Afternoon Break	
3.30 pm	Mined Landform and Drainage Design Principles cont'd	<b>Mr Rory Haymont</b> Newmont Asia Pacific
4.15pm	Influence of Climate on Closure Designs - Three practical case histories of closed mine sites with open pits <ul style="list-style-type: none"> <li>• Golden Cross NZ – High rainfall</li> <li>• Sleeper, USA – Low rainfall</li> <li>• Kori Kollo, Bolivia – Moderate rainfall</li> </ul>	<b>Mr Simon Barrett</b> Water Management Consultants Pty Ltd
5.15 pm	Discussion	<b>All Speakers</b>
5.25 pm	End of sessions for Day 1	
5.35pm	Ghost Tour Tower Hill (Dinner at 7.15pm Park Hotel)	

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8.00 am	Registration	
8.15 am	Development of Sustainable Ecosystems – Construction of a Root Zone through Selective Handling of Soil and Overburden	<b>Emer Prof Clive Bell</b> ACMER
9.45 am	Ecosystem Establishment	<b>Dr Owen Nichols</b> EMRC
10.15 am	Morning Break	
10.30 am	Technical summary of Mt Leyshon Closure Program <ul style="list-style-type: none"> <li>• Introduction to the history of operations</li> <li>• Sources of data to characterise the site</li> <li>• Importance of retaining operating and monitoring data</li> <li>• Surface water quality at Mt Leyshon</li> <li>• Groundwater quality at Mt Leyshon</li> <li>• Geochemical characterisation of facilities at Mt Leyshon</li> </ul>	<b>Mr Rory Haymont</b> Newmont Asia Pacific  <b>Mr Simon Barrett</b> Water Management Consultants Pty Ltd  <b>+ Other speakers</b>
	Rehabilitation Management, Maintenance and Monitoring Water management/Water quality issues Future Options - Questions and Discussion	
12.15 pm	Lunch Break	
12.45pm	Leave for Mt Leyshon	
1.30 pm	Rehabilitation Management, Maintenance and Monitoring Water management/Water quality issues Future Options - Questions and Discussion	<b>Mr Rory Haymont</b> Newmont Asia Pacific  <b>Mr Simon Barrett</b> Water Management Consultants Pty Ltd  <b>+ Other speakers</b>
3.30 pm	Leave for Charters Towers	
4.15 pm	Afternoon Break	
4.45 pm	Questions and Discussion from the Couch	<b>Panel Speakers</b>
6.00 pm	End of sessions for Day 2	

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Friday 31 July 2009		Presenters
8.00 am	Registration	
8.30 am	Ecosystem Establishment	<b>Dr Owen Nichols</b> EMRC
9.15 am	Case Studies on Establishment on Waste Rock Dumps and Tailings	<b>Mr Alan Puhlovich</b> EWL Sciences Pty Ltd, and, Other Presenters tbc
10.30 am	Morning Break	
11.00 am	Vegetation Management, Maintenance and Monitoring of Establishment and Continuous Improvement	<b>Dr Owen Nichols</b> EMRC
11.45 am	Development of Appropriate Completion Criteria	<b>Dr Owen Nichols</b> EMRC
12.30 pm	Lunch Break	
1.15 pm	Case Study: Development of Completion Criteria	<b>Dr Owen Nichols</b> EMRC
1.45 pm	The role of Procedures and Documentation	<b>Ms Corinne Unger</b> Environmental Consultant
2.30 pm	Questions and Discussion	<b>All Speakers</b>
2.45 pm	End of Short Course	
3.00 pm	Depart for Townsville Airport	