

# Workshop

## Hydrological Monitoring of Cover Systems on Mine-Wastes

Soil Science, Engineering Principles and Pragmatics

15<sup>th</sup> December 2005

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Dr Christoph Hinz (Senior Lecturer,  
The University of Western Australia)

Introduction

Dr Christoph Hinz

Movement of Water through Soil and its  
Detection  
Recommended Readings and Materials

Prof Andy Fourie  
(Principal – Environmental Geomechanics,  
Australian Centre for Geomechanics)

Geotechnical Aspects of Soil Cover Design

Alasdair Grigg  
(PhD Student, The University of Western  
Australia)

Hydrological Monitoring of Vegetation

Dr Graeme Campbell (Graeme Campbell &  
Associates) & Dr Peter Cull (Director, ICT  
International Pty Ltd)

Estimation of Soil-Hydraulic Properties  
Applicable to Small (< 1 m<sup>3</sup>) Spatial-Scales