MINE TO MILL GRADE CONTROL AND MINE RECONCILIATION

Best practice grade control techniques to deliver ‘best quality ore’ How to increase profit margins across the mine value chain

DAY 1
GRADE CONTROL TECHNIQUES for open pit & underground mines
Reduce misclassification through best practice grade control
You will learn:
• Best practice grade control sampling and data collection techniques
• The pros and cons of different sampling methods used for grade control
• The importance of good geological mapping
• To understand the concept of misclassification and how to minimise ore loss and dilution
• Good practice ore control processes in open pit and underground mines

DAY 2
GRADE CONTROL MODELLING
Minimising misclassification through optimal estimation
You will learn:
• The implications of the SMU on misclassification
• Good practice for estimating the grade of ore blocks in open-pit and underground operations
• Which grade estimation techniques should be used and when
• To optimise your sampling grid for your SMU
• To gain an understanding of how conditional simulation can be used to assess grade risk
• About the use and benefits of geometallurgical modeling for grade control

DAY 3
MINE RECONCILIATION PROCESS
Using the reconciliation process to increase profit margins
You will learn:
• How to develop your own Reconciliation Code of Practice
• How to map material movements
• How to analyse components of the reconciliation process for your site, how they relate to each other and the key parameters used for reconciliation (inputs/outputs)
• To identify causes of inconsistencies & inefficiencies in order to implement improvement processes
• About the various stakeholders in the reconciliation process
• How to provide relevant and concise reconciliation information
• How to unlock value from your reconciliation results for operational improvement
• About best practice reconciliation

COURSE DATES

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<th>LOCATION</th>
<th>2017</th>
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<tr>
<td>Johannesburg</td>
<td>8-10 March</td>
<td>23-25 August</td>
<td>8-10 November</td>
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<td>Perth</td>
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<td>8-10 February</td>
<td>3-5 May</td>
<td>13-15 September</td>
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This course is also available as on-site/in-house training, please contact training@snowdengroup.com for more details.