WHITTLE OPTIMISATION & STRATEGIC PLANNING

Providing the skills needed to optimise resource models for open pit mining projects

This 3-day workshop on Whittle Optimisation and Strategic Planning is designed to give you the skills needed to optimise resource models for open pit mining projects.

Time will be dedicated to the use of the software as a strategic mine planning tool. Data examples will be supplied, but please bring your own data to work on, so that individualised guidance and assistance can be given while you work on your data.

This course teaches:

- An understanding of the capability and purpose of using Whittle 4X in strategic mine planning from early scoping studies to short term operational planning
- The ability to setup and run basic optimisation studies using the software and the ability to interpret and comprehend the meaning of results from Whittle
- Bringing together all the information from all the mining disciplines including geology, geotechnical, mining processing and financial analysis
- How to use Whittle to select the size and shape of open pit to suit your needs
- What are Whittle nested pits, how they are created and how to use them, results file
- How to assess risk involved in following a particular strategy e.g. selecting a long mine life vs. mining a sub-optimal pit to high grade the orebody
- How to select the cut over from open pit to underground
- How to use Whittle to optimise cut-off grade
- Block model
- Re-blocking Slopes
- Generating pit shells
- Limits – mining limits, processing limits, discount rate
- Analysis – explanation (analysing the range of generated pit shells using the selected metal price), the grand total analysis, meaning of items, exporting files and presenting in a spreadsheet, validating results
- Exporting pit shells
- Selecting ramp location
- The iterative process
- Mine life – Cut-off grade High grading stockpiles

COURSE DATES

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<thead>
<tr>
<th>LOCATION</th>
<th>2016</th>
<th>2017</th>
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<tbody>
<tr>
<td>Perth</td>
<td>31 Aug - 2 Sep</td>
<td>10-12 Feb</td>
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This course is available as on-site/ in-house training, please contact training@snowdengroup.com for more details