GEOVIA Whittle Course Catalog India

3DEXPERIENCE®

Whittle Strategic Mine Planning

Available	Classroom and on-demand
Duration	3 Days
Level	Fundamental (Basic)
Audience	Mining Engineers, Geologists and other mining professionals who are either new to Whittle or would like to further consolidate their current Whittle knowledge and learn more about strategic mine planning. No previous pit optimization experience is required.
Objectives	This course is designed to develop an understanding of the principles of strategic mine planning and practical application. At the completion of the course, you will have been exposed to the following topics and concepts: • Import a model file and complete an optimization using cost and price information • Analyze the results of a series of optimizations using economic analysis techniques, including Net Present Value (NPV) • Use different techniques to apply costs • Produce a long term mine schedule using different techniques available in Whittle Knowledge of the concepts behind strategic mine planning • Knowledge of the theory of pit optimization
Prerequisites	Before taking this course, you require the following: • Knowledge of: Microsoft® Windows®; file management; ASCII files and Microsoft Excel®. • Basic knowledge of Surpac, GEMS or another mine planning package. Attendees should also have basic exploration and mining knowledge. The Whittle menu structure and graphical user interface (GUI) are similar to most Windows-based packages and therefore a basic knowledge of the Windows operating system and environment is necessary.
Course Structure Flow	Strategic mine planning • Strategic mine planning • Theory session • Strategic planning • Economic evaluation • Decision making discussion • Market analysis • Mine planning studies • JORC code Optimization Theory • Theory session • Optimization algorithms • Slopes • Block value • Whittle concepts • Block model dimensions • Costs • Revenue factors • Ore selection discussion Block model preparation

- Welcome to your block model
- Preparing a model prior to Whittle import
- Mod file requirements
- Validation of mod file

Intro to Whittle
- Practical session
- Creating the new project
- Importing the mod file

Validation
- Practical session
- Grade tonnage graph
- Reblock node

Slopes
- Practical session
- Slope set node

Optimization
- Practical session
- Pit shells node
- Operational scenario node

Choosing a pit shell in Whittle
- Practical session
- Spider diagram
- Pit by pit graph
- Schedule graph and bench schedules
- Milawa schedules

Reporting
- Practical session
- Generating reports in Whittle

Block size and SMU
- Practical session
- Block size discussion
- Different block size investigation

Registration Form

PLEASE RETURN THIS FORM VIA EMAIL:
GEOVIA.INTRAINING@3DS.COM

If you have any questions please contact us at +91 33 4030 2600.

COURSE DETAILS

Course Name: _____ Date: _____

Location: ☐ Kolkata, India   ☐ Other (please specify):_____

CONTACT DETAILS

Company Billing Name: _____

Address: _____ City: _____

State:_____ Postal Code: _____

Telephone: _____ Fax: _____

Email: _____ Website: _____

DELEGATE DETAILS

#	FIRST NAME	LAST NAME	TECHNICAL ROLE	EMAIL ADDRESS	PHONE NUMBER
1					
2					
3					
4					
5					
6					

Dietary restrictions/food allergies: _____

Please provide any additional delegate requirements:_____

Registration Form

PAYMENT AMOUNT

Please enter the total amount payable for all registrations:

Total (including tax): INR_____

PAYMENT OPTIONS

◉ Electronic Funds Transfer (bank details will be provided on receipt of this registration form).

PLEASE SELECT

How did you find out about this course?

◉ GEOVIA Website   ◉ Email Campaign   ◉ Technical Support   ◉ Other (please specify): _____

TERMS & CONDITIONS

1. An online fund transfer (NEFT) must be provided to confirm your registration.
2. Cancellation policy: 14 days or more from the training date: no cancellation fee applies.
   Less than 14 days from the training date: a cancellation fee of 100% applies.
3. Substitution of attendees is permitted prior to the commencement of the course.
4. Cancellations and/or substitutions must be advised in writing.
5. GEOVIA reserves the right to postpone or cancel courses, and shall not be liable for any costs incurred by the delegates.

ACCEPTANCE

By completing and submitting this registration form you agree to the terms and conditions outlined above and confirm that all delegates meet the course prerequisites as stated in the advertised course outline.