

# MINING FOR NON MINERS

09-10 August, 2011 Calgary Canada | 08-09 November, 2011 Denver

*“Participants will learn skills and mining concepts through this unique experiential course”*

## INTRODUCTION

The aim of this course is to provide those from a non-mining background with a comprehensive understanding of the mining industry. As a result of attending this course participants will have a greater understanding of the operational practices pivotal to the mining industry, be able to interpret essential terminology and feel more comfortable interacting with core mining staff by having a clearer understanding of the key concepts involved in mining.

## WHO SHOULD ATTEND?

Those from a non-mining background who wish to achieve a greater understanding of mining operations. In particular, those who are looking to achieve effective working relationships with core mining staff or who have peripheral contact with the mining industry. We typically present this course to Administration staff, Accountants, Finance staff, Mine Operations staff, Engineers new to the mining industry, Senior Executives, Government regulators, Legal staff, Bankers, Investment Consultants, Management Consulting Companies, HR staff and IT staff.

## COURSE CONTENT

### The Mining Industry

- The financial and economic significance of the mining industry, resource locations, mining methods, key players

### Geology and Ore Reserves

- Geology, exploration techniques, overview of ore reserves, modeling and its limitations

### Open Cut Mining

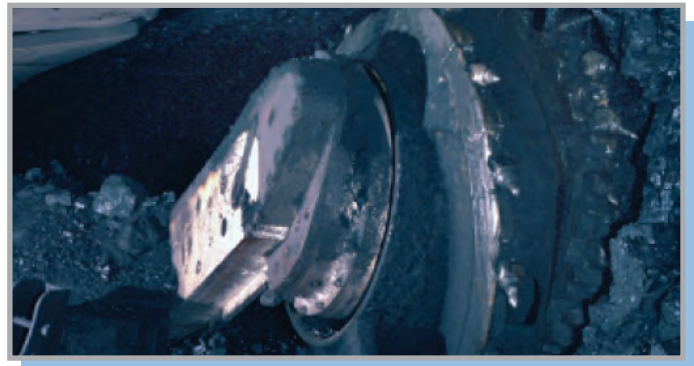
- An overview of open cut mining, mine planning and its role in the mining process, mining economics, scheduling, equipment and uses, drilling and blasting, mine services and safety, environmental considerations

### Underground Mining Methods

- An overview of underground mining, methods and design, mining economics, mine development, underground equipment, mine services and safety, environmental considerations

## DELIVERY METHOD

Interactive classroom-style delivery - numerous interactive case studies are used throughout the course, supplemented with a variety of multi-media presentations and practical hands-on workshops, to ensure maximum audience participation and to optimize the learning experience.



## LEARNING OUTCOMES

At the completion of this course participants will be able to:

- Appreciate the significance of the mining industry
- Understand frequently used terminology
- Describe the use of open cut and underground mining methods and equipment
- Understand the principles of mine design and planning
- Describe the impact of rehabilitation and environmental considerations
- Understand the use of drilling and blasting
- Describe essential pit services and safety operations
- Describe the impact of Geotechnical considerations
- Explore the costing implications of mining operations
- Calculate simple reserves and resources

## ON-SITE / CUSTOMIZED OPTIONS

### THE ADVANTAGES OF YOUR ORGANIZATION

- On-site training is more economical for a large group
- Training days can be at a convenient, unique time and location
- Content can be customized to suit a client's specific requirements to address attendees needs
- Confidential information can flow freely giving maximum learning outcomes



# MINING FOR NON MINERS

For over 20 years, Runge has been providing high quality training courses to the Mining Industry worldwide.

Our courses are recognized as unique in the Industry. The knowledge and challenges that Runge consultants deal with daily in project work and software implementations is captured and reflected in our high quality training courses.

Numbers are restricted to enhance learning, and participants can share experiences gained from their respective organizations. Runge's courses cover mine business planning and fall into the following major categories:

- Mining for Non Miners ( Coal and/or Metals Focus )
- Integrated Open Pit Coal Mine Planning
- Dragline Mining Systems
- Mining Economics
- Truck and Shovel Mining Systems

Other mining related courses could be developed and delivered on request. Runge can work with you to meet your training requirements. Please contact our Training Department to discuss your specific needs in more detail.



## YES! PLEASE REGISTER ME FOR MINING FOR NON MINERS

Yes! Please send me more information on other courses.

Name:	
Position:	
Department:	
Company:	
Site:	
Address:	
City:	
State/Province:	Postal Code/Zip Code:
Ph:	Fax:
Email:	
Purchase Order No:	

Would you please also take a minute to fill out the following questions - this will help us to ensure that your expectations can be taken into account when planning the course program.

What is your educational background? \_\_\_\_\_

What is your work background? \_\_\_\_\_

What is your current job role? \_\_\_\_\_

How many years have you worked in this role or similar roles? \_\_\_\_\_

### DATE Please select the relevant checkbox

- 09-10 August, 2011 Calgary Canada
- 08-09 November, 2011 Denver USA

### VENUE

- Holiday Inn  
4206 Macleod Trail South  
Calgary AB T2G 2R7  
Phone: 403 287 2700  
Fax: 403 243 4721
- Hampton Inn  
137 S Union Boulevard  
Lakewood, Colorado  
USA 80228  
Phone: 303 969 9900

### TIME

9:00 AM - 4:00 PM  
Course attendance is limited to a maximum of 20 people. Please bring laptop for workshops.

Contact: DIANE KINCAID  
Runge Mining (Canada) Ltd  
Suite #304, 4014 Macleod Trail South  
Calgary AB T2G2R7 CANADA  
Phone: 403 217 4981 Fax: 403 217 4389  
Email: dkincaid@runge.com.au

### REGISTRATION FEE

**\$1,500\*\*p.p. US\$ or CAN\$ \*\* Price excludes all other taxes.**

Fee includes tuition, comprehensive course notes, workshop assignments and solutions, morning and afternoon coffee, lunch and certificate of completion. Once your booking is received your place is automatically reserved, and we will send you a confirmation of enrolment. Unfortunately we do not accept payment by credit card. Payment is made on invoice only.

### CANCELLATION POLICY

Should you be unable to attend, a substitute delegate may attend, at no extra charge. Registration may be cancelled at any time with minimum 30 days notice without cost penalty. Cancellations made less than 30 days before the course will receive a refund less a \$500 (excl of gst) service charge. Runge Limited reserves the right to cancel a course if there are not enough participants, in which case registration fees are fully refundable. Therefore, we advise that you do not make travel arrangements sooner than 30 days prior to class date.