The MINING BASICS GROUP of Canada

The BASICS of GEOLOGY, MINING, & MINERAL PROCESSING

IIROC
Investment Industry Regulatory Organization of Canada

Basics of Geology, Mining, and Processing
Accredited for 12.5 hours of IIROC Professional Development CE

Basics of Geology, Mining, and Processing for the Investment Community
Professional Development Seminar

Objectives

- Provide a better understanding of:
  - Technical terms and fundamentals
  - Processes
  - Meaning of information
  - Technical risks

Focus on integration of geology, mining, and processing

How will we do this?

- Teach technical background
- Relate our own personal experiences
- Review examples

Who should attend

- Financial analysts
- Non-technical professionals working for mining companies
- Natural-Resources government officials
- Private investors

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Course content

Geology

- Geology of Ore Deposits across Canada
- Including Deposit characteristics
  - Mineralogy, Size, grade and tonnage
  - Shape, Ore controls / Limits of ore
- Including General Geology
- Focus on gold, base metals, uranium, diamonds, iron ore, coal

Course content

Resource Estimation & Reporting

- Sources of error
- Techniques and uses
- Classification Standards
- Qualified Person
- NI 43-101

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Course content

Mining Methods

- Open Pit & Underground
- Mobile equipment
- Open pit design parameters
- Underground mining methods
- Costs and Productivity

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Course content

Processing & Extraction

- Milling processes & operations
- Metal extraction & refining
- Focus on metals, gold, nickel, copper, steel

Course content

Case Studies

- Due-diligence process
- Identification of red flags
- Review of technical reports, press releases, or corporate presentations

Cost

- $1,875 per person (plus GST) early registration; $2,075 later
- Group discounts
- Class notes and USB key included
- Breakfast, lunch and coffee included

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George McIsaac eng., P.Eng., Ph.D.

- Mining Engineer
- Mineral Economist
  - Strategic Planning
  - Economic Evaluation
- Independent consultant
- Former Superintendent of Technical Services @ El Indio Mine, Barrick, Chile
- Former Adjunct Professor @ Queen's University

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David A. Love Ph.D.

(Geological Sciences)

- Specialist in
  - Mineral deposits geology
  - Igneous rocks
  - Geochemical Exploration
- Independent consultant:
  - Ore Deposit Geology, Mineral Exploration,
  - Environmental Geochemistry
- Former Adjunct Professor @ Queen's University

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Boyd Davis Ph.D.

- Chemical Process Metallurgist
  - Process Development
  - Techno-Economic & Process Modeling & Analysis
- President of Kingston Process Metallurgy Inc.
  - Bench-scale & pilot-scale contract mineral processing and metallurgy research & development
  - Focus on novel process development for clients
- Adjunct Professor @ Queen's University

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Private Courses also available

- Groups of 15 or more
- Past clients include
  - Banks & Investment Houses
  - Mining & Service Companies
  - Accounting & Consulting Firms
  - Government agencies & Crown Corps.
- Course content tailored to your needs

Basics of Geology, Mining, and Processing for * _*your name here*_ *
Professional Development Seminar

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For more information

Visit our LinkedIn Group,

See our website: minebasics.ca

Or contact

info@minebasics.ca