

# Senior Exploration Management Course



SEG Course Center | Littleton, CO, USA  
November 28–December 1, 2017, 8:30am – 5:00pm



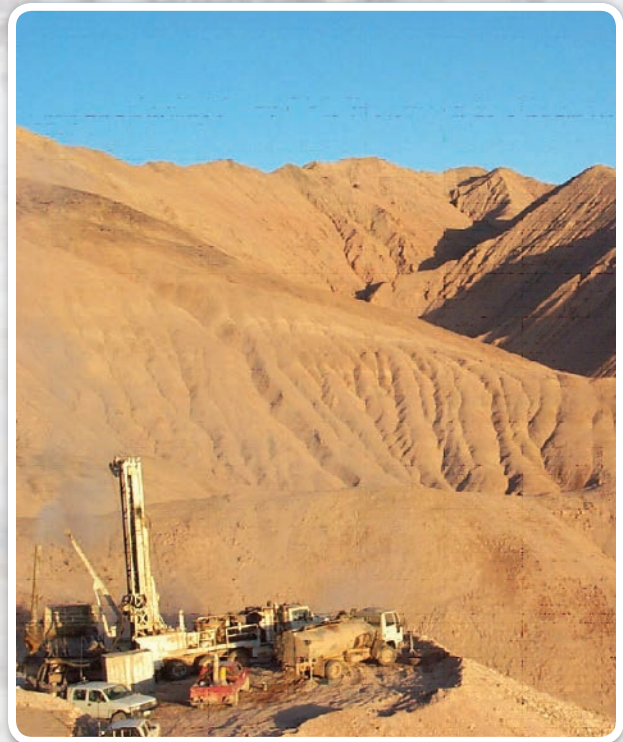
**Organizer:** Society of Economic Geologists (SEG)  
**Presenter:** Western Mining Services (WMS)

## SCOPE

This four-day training course concerns the principles and practices of effective mineral exploration management. The curriculum covers the broad spectrum of technical and business issues that senior exploration managers typically face.

- Mineral exploration at the strategic scale – the roles of greenfields and brownfields exploration in development and implementation of corporate growth strategies
- The design and management of exploration programs and portfolios
- The importance of group structure, program design, process discipline, and effective people management in achieving exploration group objectives
- Opportunity generation including the exploration search space concept, targeting science and the application of targeting models
- How to negotiate land and minerals access deals, identify and manage nontechnical project risks, engage in early stage evaluation of project economics, and maintain the important social license to operate exploration projects in varied risk environments

The course format utilizes lecture and workshop and stresses interactive thinking and problem solving. Participants work in teams to design solutions for exploration management challenges and present their results to the larger group.



## WHO SHOULD ATTEND?

This course is ideal for regional and country exploration managers, for senior project managers who are on track to move into positions of senior responsibility, and for geoscientists who aspire to senior exploration management roles. The course is also recommended for commercial managers who participate in mineral exploration programs as well as government and academic professionals who interact with the mineral exploration industry.

**This SEG-sponsored course in November-December 2017 will be the twelfth public presentation of the SEM Course. WMS has also presented numerous in-house SEG Courses to major mining companies, each tailored to the needs of the individual client.**

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### FACULTY

• **Jon Hronsky (BAppSci, Ph.D., MAIG, FSEG)**



With more than 30 years of experience in mineral exploration, Jon has worked across a diverse range of commodities, including discovery of the West Musgrave nickel sulfide province in Western Australia. Prior to joining Western Mining Services (WMS), he served as Manager of Strategy & Generative Services for BHP Billiton Mineral Exploration and as Global Geoscience Leader for WMC Resources Ltd. He is chairman of the board of the Centre for Exploration Targeting in WA.

• **Steven Bussey (BA, M.Sc, PhD)**



At WMS, Steve's focus is on framework studies, mineral exploration targeting, and project due diligence. He has more than 35 years experience in mineral exploration. Before joining WMS in 2007, Steve worked in a number of senior exploration roles, including principal geoscientist for WMC Resources Ltd.

• **Brad Margeson (BA, M.Sc., SME, FSEG)**



Brad held several senior management roles for WMC Resources Ltd. prior to co-founding WMS in 2005. At WMC, he was global manager of exploration projects, leading teams that discovered gold deposits in Canada. With 35 years experience in the industry, Brad's focus is on exploration strategy/planning, greenfield and brownfield exploration targeting, and due diligence.



• **Jeff Welborn (BA, JD)**



Jeff is a co-founder and partner at WMS and has more than 40 years' experience as a mining, oil & gas and natural resources lawyer. His experience covers a broad range of commercial, legal, and risk management matters in mineral exploration and mining. He assists WMS clients globally with commercial strategy development, program design and planning, deal analysis and negotiation, and minerals and land access.

**Registration** (early deadline: November 10, 2017)

Register online: [segweb.org/events#17RWMS](http://segweb.org/events#17RWMS)

**Member (Early / Late) – US\$3,200 / US\$3,400**

**Non-member (Early / Late) – US\$3,500 / US\$3,700**

### CURRICULUM

#### Day 1

- *Course overview; Introduce Exploration Strategy Exercise*
- Mineral Exploration: Business Environment; Key Concepts
- Mineral Exploration: Principles and Philosophies
- Strategy, Business Planning and Portfolio Management

#### Day 2

- Minerals Access and Deal Making
- Commercial Risk Management (CRM)
- *CRM Group Exercises and Discussion*
- Mineral Exploration Targeting

#### Day 3

- *Group Discussion*
- Mineral Exploration Targeting
- Mineral Exploration Tactics
- Mineral Exploration: Culture and People

#### Day 4

- *Strategy Exercise: Presentations, Group Discussion Awards*
- *Group Discussion Course Feedback Wrap-up*



**SEG**  
[www.segweb.org](http://www.segweb.org)

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