



Short Course

Approaches in Mine-Mill Integration: Economic Evaluation of Pre-concentration Opportunities

March 22 – 23, 2010

Willet Green Miller Centre - Auditorium
935 Ramsey Lake Road, Sudbury, Ontario



Presenter: Dr. Andrew Bamber, MineSense Technologies Ltd.

Summary: Mine-Mill Integration encompasses a range of approaches for the integration of novel technologies into the mining system to improve the efficiency and effectiveness of the mineral extraction and beneficiation process, and therefore reduce energy and costs. Mine Mill Integration approaches the integration of mineral sensing and sorting systems as well as systems for ore pre-concentration such as dense media separation into the mining system. Economic evaluation of these opportunities to integrate value-added technologies such as pre-concentration into the flowsheet requires consideration of capital, operating and revenue impacts both up and down the mining value chain. The course presents a comprehensive and systematic approach for interpreting results from pre-concentration testwork and discusses several case studies which fully describe the opportunity to be considered.

Course Content:

1. Technical and Economic Aspects of Hard Rock Metal Mining
2. Mine Mill Integration Approaches and Enabling Technologies
3. Strategies for Economic Evaluation: the mining value chain and parametric estimation methods
4. Interpreting Process Impacts in Terms of Cost and Revenue
5. Resource Impacts: cost, revenue, cutoff grade and Net Present Value of the Resource
6. Case Studies, Summary and Discussion

Registration

\$ 1,000 cdn Before March 5

\$ 1,500 cdn After March 5

\$ 100 cdn Student

Plus 5% GST

All options include breakfast, refreshments, lunch, and course materials.

Deadline for registration:

March 9th, 2010

Space is limited

Visit website for the registration form

For more details contact

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