



# MGEI 7<sup>TH</sup> ANNUAL CONVENTION



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## 2-DAY POST CONVENTION WORKSHOP Practical Analysis and Application of ASD Spectral Data in Mineral Exploration and Mining

### Program Guide



#### **Rachel Harrison (CODES, UTAS)**

**Experiences Independent Geologist** from grassroots exploration to advanced stage projects in a variety of geological and cultural environments including Indonesia, China, South America, Central America.

**Focusing** on exploration for epithermal and porphyry Au-Cu deposits, this workshop aims to provide participants with understanding of the fundamentals of spectral analysis. More importantly a number of case studies from Indonesia and worldwide will be used to illustrate how spectral data can successfully be applied, using a practical approach towards discovering world class gold ore deposits.

#### **Module 1**

Introduction to Spectral Analysis

#### **Module 2**

The Practical Application of spectral data in Exploration Targeting: Creating alteration vector maps from soil and rock chips spectral data

#### **Module 3**

The Practical Application of Spectral Data towards Deposit Modeling and Geometallurgy Process and procedure: type section construction

#### **Output**

Successfully apply spectral data from variety of media (soil, rock chips, and drill core) to create alteration maps and models to use to vector towards ore deposits

#### **When & Where**

October 12-13, 2015  
Pomotel, Jakarta-Indonesia

#### **Who**

- ◆ Exploration geologist
- ◆ Resources Geologist
- ◆ Mine Geologist

#### **Cost**

Rp 3.000.000

**15%  
OFF**

Early bird (before Sept.15, 2015) & MGEI member

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