

# PROFESSIONAL DEVELOPMENT COURSES

## PRESENTERS

### CONTACT US

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Our extensive subject matter is delivered by senior mining consultants with substantial experience in solving real mining problems. This means the training we deliver is practical and aimed at giving people the skills they can use immediately.

### Presenters will be chosen from the following consultants:

#### John Graindorge

##### Principal Consultant - Applied Geosciences

*BSc (Hons) (Geology), University of Western Australia; Post Graduate Certificate of Geostatistics, Edith Cowan University; MAusIMM (CP)*



John has more than 16 years' experience in exploration, mining and resource estimation. Prior to joining Snowden, John worked primarily as an underground mine geologist in Western Australia at the Plutonic Gold Mine (Barrick Australia Pacific Ltd). Since joining Snowden in 2005, John has gained resource modelling and evaluation experience in open-pit and underground gold, iron ore (Pilbara and Mid-West Regions), copper (sulphide and oxide), nickel (sulphide and laterite), vanadium, lithium and Bushveld platinum deposits, and has specialist skills in QAQC and sampling. John also presents and develops public courses for Snowden on sampling, QAQC, grade control, reconciliation and resource estimation.

#### Tarrant Elkington

##### GM - Strategy

*PhD BEng(Hons) BCom, MAusIMM*



Tarrant has over eight years' of consulting experience; specialising in mining strategy selection, early stage scoping studies, and providing solutions to unique and/or complex mining problems. This is supported by a PhD in mine optimisation. He has been involved in studies in Australia, South America, Africa, Europe, and Asia; across commodities including gold, silver, lead, zinc, copper, and iron ore. Tarrant is also involved in the development of Snowden's optimisation software and conducts in-house training and mentoring.

#### Jeremy Peters

##### Principal Consultant - Mining Corporate Services

*BSc (ANU, 1991), BEng (WASM, 1996), FAusIMM (CP)*



Jeremy is a Mining Engineer and Geologist with some 25 years' open pit and underground mining experience in gold and base metal mines. He holds Registered Mine Manager certificates for WA and NT and a WA Shotfirer's licence. Jeremy has significant exploration and mining experience to the level of Exploration Manager and Registered Mine Manager in iron ore, gold, base metals, nickel and industrial minerals in the Pilbara, Yilgarn, Northern Territory, Tasmania and Far North Queensland of Australia. Jeremy has undertaken exploration in Papua New Guinea and consulted internationally in both mining and geology in the Mediterranean, Russia, North America, the Philippines and North Africa. Jeremy is also an advisor to major stock exchanges in relation to reporting codes and listing compliance. He is recognised as a Competent Person for estimation of Resources and Reserves for a variety of commodities and mining techniques and is Valuation Expert as defined by the VALMIN Code.

#### Mark Burnett

##### Divisional Manager - Applied Geosciences

*BSc, BSc (Hons) Geology; PGDTE; GCG; CAG; CBM; Pri.Sci. Nat; MSAIMM; FGSSA, Masters in Mineral Resource Management*



Mark has over 23 years of experience in mine geology and resource estimation. Mark has particular experience in geological modelling, resource estimation, mine planning, technical reviews, due diligences and grade control. Prior to joining Snowden Mark was the New Business Manager (Technical) for Harmony Gold Mine Ltd. In this role Mark reviewed potential acquisition targets, both locally and internationally. Since joining Snowden Mark has worked on a number of projects, including exploration projects, gold, uranium, coal, phosphate, potash, rare earths, dolomite and base metals.

#### Allan Earl

##### Executive Consultant - Mining Engineering

*BEng (Mining) AWASM, FAusIMM*



Allan is a mining engineer with over 35 years' experience in underground mine design, planning and operations in Australia and Africa. During this time he has held senior technical and management positions. Since joining Snowden in 1996, he has consulted on a large number of mining projects in several countries. His areas of expertise include mining feasibility studies at all levels, underground mine planning and design, reserve estimation, mine operations management and project management. He has a strong capability in strategic planning and optimisation of underground orebodies.

## Sara Porter

### Strategic Marketing Manager

*M.App.Sc (Mining Geology), University of Queensland B.Sc (Hons) (Geology) University of Queensland B.App.Sc (Geology), Queensland University of Technology*



Sara is a geologist with more than 20 years' experience in the mining resources sector. Prior to joining Snowden in 2011, Sara worked for CAE Datamine Australia for many years in various roles including, Manager Business Performance, Deployment Consultant, General Manager and Technical Consultant. She has also worked for Australian Mine Design and Development as a Geology Consultant. Sara is an experienced user of Datamine mining software with advanced Datamine macro writing abilities. Sara also has a vast amount of experience developing and running training courses in the application of Datamine software for geological modelling and grade estimation.

## Rayleen Hargreaves

### Principal Consultant, Product Owner - Reconcilor

*BSc (Geology, Geophysics, Geochemistry), MAusIMM (CP), PRINCE2 Practitioner*



Rayleen is a mining geologist with over 19 years' experience in the resource industry. Rayleen has been involved with onsite implementation and administration of Reconcilor for the past 11 years and has significant expertise in mine site reconciliation.

Utilising her strong domain expertise, Rayleen is the Product Owner of Reconcilor, providing a leadership role within the Research and Development team, ensuring delivery of software features and functionality that meets the needs of key stakeholders. Rayleen has authored a number of published white papers on mine reconciliation.

## Vince Agnello

### Senior Consultant - Mining Corporate Services

*BSc Geology (Hons), University of Stellenbosch, 2000 Graduate Diploma in Engineering, University of Witwatersrand, MEng (Mining Engineering), University of Witwatersrand, MGSSA, Pri. Sci. Nat., SAIMM*



Vince has been with Snowden for nine years and is employed in Snowden's corporate advisory division, where he is involved in market studies, independent technical reviews, audits and valuations of mineral resource projects. Recent projects include the listing of numerous junior mining companies; more than 20 valuations of mineral properties (platinum, coal, gold, graphite, uranium, bauxite, dimension stone and diamond); participation in 15 due diligence on mining feasibility studies/ projects for debt and project finance; and in-depth reports on uranium, manganese, chromite, ferrochrome, neodymium, vanadium, carbonates and coal. Vince has also undertaken regional bulk infrastructure assessments (rail, road, water and electricity) in Namibia and South Africa for junior and major mining companies.

## Clementine Clark

### Consultant - Geosciences

*BSc (Hons) (Geology), Pri. Sci. Nat., CPAG*



Clementine is a Resource Geologist who completed her Geology degree in 2004. She worked on various Platinum and Base Metal projects across South Africa concentrating on all aspects of grass roots exploration to pre-feasibility and feasibility studies, desk-top studies, database management and QAQC. Clementine joined Snowden in 2008 and has completed the University of Alberta's Citation Programme in Geostatistics. Clementine is considered a Competent Person in PGE and related deposits and she also has significant experience in copper-cobalt deposits and in addition has worked on projects dealing with chrome, base metals, manganese phosphates, vanadium, silver, and gold. Clementine is a proficient user of Datamine and Leapfrog software packages for geological modelling and wireframing and two and three dimensional resource estimates. In addition to geological modelling and Mineral Resource estimation projects worked on primarily involve: QAQC training, review and analysis; technical reviews and audits; CPRs; exploration plans and designs; and project valuations. Clementine also presents Snowden's professional development courses.