



Quantitative Group
Our Skills On *Your* Team

CV SCOTT JACKSON

Last updated February 2009

Quantitative Group (QG) provide geostatistical, geological and resource estimation consulting services to the mining and resource sectors. QG are specialists in mining geostatistics with a strong focus on geological context and mine geology/engineering applications. QG also has additional strengths in enabling the links to be made through the value chain (sampling, geological modelling, resource estimation, mining geology, reconciliation, metallurgy, financial risk).

PERSONAL DETAILS

Name: Scott Jackson
Date of Birth: 18th October 1967
Citizenship: Australian

CAREER SUMMARY

Scott Jackson has had a background in mining and exploration geology since 1987. His mining career started with a year underground as a geological assistant on the Golden Mile in Kalgoorlie. After graduating from UWA with first class honours in 1990 he joined Renison Goldfields Consolidated (RGC) as a graduate trainee, working in various mining and exploration environments all over Australia. Experience was gained as mine geologist at Pine Creek, with exploration postings to Western Tasmania, Western NSW and Western Australia.

In 1994, Scott joined Placer Exploration as the Project Geologist at Placer Granny Smith's Sunrise deposit. There he was responsible for the day to day running of a team of geologists and field assistants in a remote camp, and for development of the geological model and the resource estimation model.

In late 1995 Scott moved to Boddington Gold Mine to take up a position as Project Geologist. His role included running a continuous diamond drilling program, as well as orebody modelling for the Mine North and Hedges area.

Towards the end of 1998, Scott accepted a scholarship to join the C.F.S.G. (mining geostatistics diploma) at the prestigious Fontainebleau campus of the Ecole des Mines de Paris (Paris School of Mines). This is a highly regarded degree focussing on teaching high-level geostatistics to mining and petroleum geoscientists. Under the guidance of Margaret Armstrong and Jacques Rivoirard, Scott managed to graduate second in his class of 18.

Immediately after returning from Fontainebleau, Scott joined SRK Consulting. Scott undertook 11 due diligence projects in various commodities and environments as well as geostatistical work on underground gold, copper and base metals operations, with emphasis on Resource and Reserve classification criteria.

In 2001, Scott jointly established QG as a specialist resource consulting firm joining as director and principal consultant.

Since joining QG, Scott has worked on a wide range of projects, with varying tasks. These range from risk based projects, estimation, and several significant audits/reviews.

Already Scott's consulting career has covered most mineral commodities (including Cu, Au, Ni, Zn, Pb, Ag, Ta, Li, U, Fe, Coal, Diamonds, Mo, Mn, Al and environmental applications) and included projects in Australasia, Central Asia, South East Asia, and North and South America.

He has particular expertise and experience in porphyry style Cu-Au deposits, sedimentary hosted base metals systems, nickel sulphides and laterites, all types of gold systems. He has been involved in many operational mines, ranging from large-scale open-pit mining to highly selective underground projects.

Scott has experience of performing bankable due diligence and various levels of internal audit for companies, as well as experience on several overseas projects.



Scott Jackson
Principal Consultant,
Director



Quantitative Group
Our Skills On *Your* Team

CV SCOTT JACKSON

Last updated February 2009

In addition to consulting duties, Scott has jointly managed QG - a small entrepreneurial consulting firm with emphasis on financial management and consultant mentoring/management.

Scott is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and the Australasian Institute of Geoscientists (AIG).

QUALIFICATIONS

B.Sc.(Hons) - The University of Western Australia, Perth, WA, Australia. Awarded first class honours in geology, 1990. Thesis on geology, alteration, geochemistry and mineralisation of ultramafic hosted gold deposit.

C.F.S.G. - Paris School of Mines, Fontainebleau, France. Diploma in mining geostatistics. 1999.

PROFESSIONAL AFFILIATIONS

Australasian Institute of Mining and Metallurgy (AusIMM) Member.

Australasian Institute of Geoscientists (AIG) Member.



Quantitative Group
Our Skills On *Your* Team

CV SCOTT JACKSON

Last updated February 2009

WORK HISTORY

2001 - present

Principal - Quantitative Geoscience, Perth WA

At QG, Scott has continued to provide clients his needs using his technical knowledge and strong communication skills. Since QG Scott has provided consulting advice on all aspects of resource definition and estimation from sampling and assaying through to advanced non-linear geostatistics (including simulation). His deep and broad technical experience allow him to quickly get up to speed on specific projects for mining companies, banks and financiers.

The range of expertise provided includes:

- >> Technical consulting, and review/advice in the area of sampling, sample preparation, assaying and QA/QC;
- >> Audit and review of resources (open pit and underground);
- >> Review of both grade control and resource estimation systems;
- >> Technical consulting in the field of linear and non-linear geostatistics;
- >> Review of classification approaches;
- >> Risk analysis related to resource risk;
- >> Technical consulting on drill spacing and strategic issues for exploration;
- > Structured review of geological mapping, logging, interpretation and domaining; and
- >> Training of Resource geologists on the estimation process.

1999 - 2001

Senior Consultant - SRK Consulting, Perth WA

SRK Consulting is a large international geological and mining consultancy. Scott was a Senior Consultant in SRK's Perth-based Geostatistical Consulting team (the former Geoval). He increased his experience in international bankable due diligence and internal audits during this period, working on review of 11 projects in Australia, Asia, and North America. Scott demonstrated his ability to work inside large technical teams composed of company personnel and technical consultants from several firms. He was also involved in resource estimation projects in Au lode, porphyry related Au-Cu, sed.-hosted Pb-Zn, epithermal Au. Special projects comparing production data to original drilling were also undertaken.

1995 - 1998

Project Geologist - Boddington Gold Mine, WA

Scott was employed as a Project Geologist to work on near mine bedrock exploration. His main objectives were to increase reserves of low grade, high tonnage gold and copper resources to aid feasibility of Wandoo Project. Initially this involved in large drilling programmes, supervision of drilling and field staff development of geological model, budgeting, reporting, quality control. In latter years he was primarily involved in resource estimation via Minesight/Medsystem. That work resulted in Boddington purchasing the Hedges mine area.

1994 - 1995

Mine Geologist - Sunrise (Placer Granny Smith) WA

After competing the final drill program prior to mining the Sunrise deposit, Scott was moved from exploration to the mining team at Sunrise. He was given the task of setting up the mapping and grade control systems for the mine. This involved the transfer of 'exploration knowledge' to the mine personnel.



Quantitative Group
Our Skills On *Your* Team

CV SCOTT JACKSON

Last updated February 2009

1993-1994

Project Geologist - Sunrise (Placer Granny Smith) WA

Scott joined the Placer Exploration team drilling out the Sunrise deposit prior to mine development. As project geologist he was in charge of a team of 6 geologists and 10 field assistants in a remote camp for a year. On top of the day to day running of the drill program he was also responsible for helping develop the geological model for Sunrise. An integral part of his job was the resource estimates, which Scott completed on site.

1993

Exploration Geologist - RGC Exploration, West Coast, Tasmania

RGC had been exploring the Mt. Read Volcanics for VHMS mineralisation for several years. As part of a two-geologist team, Scott's tasks varied from mapping to the identification and successful diamond drilling of a new copper target/deposit style in western Tasmania.

1992

Mine Geologist - RGC, Pine Creek Gold Mine, NT

As a graduate trainee geologist Scott was responsible for grade control at the Enterprise Mine. Scott was also coordinating a drilling programme aimed at testing the main Enterprise orebody at depth.

1991 - 1992

Exploration Geologist - RGC Exploration, Base Metals Exploration, NSW

RGC conducted a major base metals search during this period throughout the Mt. Hope Trough, looking for Cobar style deposits. Scott's responsibilities for that period were predominantly supervising a major RAB drilling programme.

1991

Exploration Geologist - RGC Exploration, WA

During this period Scott spent 10 months working on Archaean gold projects, mainly in the Murchison region. Responsibilities included mapping (regional and detailed), supervising soil geochemical surveys and RC drilling programmes.

1987

Geological Assistant - KMA

Scott worked as an Underground Geological Assistant at the Lake View Shaft. Duties included stope and development mapping, grade control and supervision of samplers.

PUBLICATIONS

Jackson, S., Fredericksen, D., Stewart, M., Vann, J., Dugdale, J., and Burke, A., 2003. *Geological and Grade Risk at the Golden Gift and Magdala Gold Deposits, Stawell, Victoria, Australia*. In: Proceedings Fifth International Mining Geology Conference, (The Australasian Institute of Mining and Metallurgy: Melbourne).

Vann, J., Jackson, S., and Bertoli, O., 2002. *An Overview of Geostatistical Simulation for Quantifying Risk in the Mining Industry - Symposium on Quantifying Risk and Error, Perth, Western Australia*. (The Geostatistical Association of Australasia).

Vann, J., Jackson, S and Bertoli, O., 2003. *Quantitative Kriging Neighbourhood Analysis for the mining geologist - A description of the method with worked case examples*. In: Proceedings Fifth International Mining Geology Conference, pp 215-223 (The Australasian Institute of Mining and Metallurgy: Melbourne).