



Quantitative Group
Our Skills On *Your* Team

CV MIKE JOB

Last updated March 2010

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, geometallurgy, financial risk).

PERSONAL DETAILS

Name: Michael Robert Job
Date of Birth: 10 May 1963
Citizenship: Australian

QUALIFICATIONS

Bachelor of Science - Macquarie University, NSW
Graduated 1984

PROFESSIONAL AFFILIATIONS

Australasian Institute of Mining and Metallurgy
(AusIMM)

CAREER SUMMARY

Mike Job is a geologist with a background in mining, exploration and resource geology, but actually began his career in the petroleum industry in 1985 after graduating with a B.Sc from Macquarie University in 1984. In 1987, Mike began work in the Kalgoorlie Goldfields and has since gained over twenty years experience in Archaean gold and nickel exploration and mining in Western Australia with Newcrest Mining, Consolidated Gold, New Hampton Goldfields, WMC, BHP Billiton and as a consultant. Mike also has two year's experience working on porphyry gold-copper deposits in central NSW for Newcrest Mining.

Mike has held positions as Senior Mine Geologist and Resource Geologist for both large and small mining companies, and was the Geology Manager at BHP Billiton's Leinster Nickel Operation before joining QG in June 2006. Mike's professional interests include geological data gathering and interpretation, and is passionate about geological resource estimates that are practical, robust and auditable. Since joining QG, Mike has been involved in audits, produced numerous resource estimates and used conditional simulation to quantify risk in resource and reserve estimates.

Mike is currently studying for a Master of Science degree in geostatistics with Dr. Clayton Deutsch at the University of Alberta in Canada.



Mike Job
Principal Consultant



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WORK HISTORY

June 2006 to Present

PRINCIPAL CONSULTANT - Quantitative Geoscience, Fremantle, WA

Geology/geostatistics consultant working on a broad range of commodities and mineralisation styles (Au/Cu porphyries, Archaean Ni, WA Iron ore, polymetallic massive sulphide deposits).

January 2004 to May 2006

GEOLOGY MANAGER - WMC Resources Ltd / BHP Billiton, Leinster, WA

Full responsibility for running the Geology Department at Leinster Nickel Operation, co-ordinating underground and open-cut mining geology, near-mine exploration and resource definition drilling, and resource estimates. Also actively involved with other departments on issues of safety, risk management, contractor management and project scheduling. BHP Billiton acquired WMC in June 2005, with site-based staff transferring directly across. Acting General Manager as required.

June 2001 to December 2003

SENIOR RESOURCE GEOLOGIST - WMC Resources Ltd, Leinster WA

Mineral Resource modelling for numerous nickel deposits around Leinster, in varied geological settings. Advanced geostatistical applications (conditional simulation, uniform conditioning) to assist mine geology and mine planning. Training of geological staff in Datamine and other software, including Acquire (geological database). Deputising for Geology Manager, and active in department safety programs.

March 1999 to June 2001

SENIOR RESOURCE GEOLOGIST - New Hampton Goldfields, Perth, WA

Mineral Resource modelling for numerous gold and nickel deposits, mostly in WA. Key member of acquisition team in purchase of Big Bell Gold Mine. Resource Model, Mine Design, Grade Control, Contractor Supervision and Mine Reconciliation of Cuddingwarra open cut pits at Big Bell. Also active in acquisition and evaluation of numerous other properties that New Hampton (and associates) purchased.

September 1997 to March 1999

CHIEF GEOLOGIST - Consolidated Gold NL, Davyhurst, WA

Supervising the mining geology department at Davyhurst, including open-cut and underground mining operations, near mine exploration, resource definition drilling, resource and reserve modelling using Datamine.

SENIOR MINE GEOLOGIST - Consolidated Gold NL (see below)

May 1997 - September 1997

Lights of Israel Decline, Davyhurst, WA.

Supervising all aspects of geology and grade control in a medium-sized underground mine. Stope calculations and reconciliations, development mapping, resource and reserve modelling.

April 1996 - May 1997

Kookynie (Orient Well) Project, Kookynie, WA.

Supervising all aspects of geology, grade control and personnel in a geologically diverse range of open-cut pits.



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GEOLOGIST- Newcrest Mining Limited (see below)

June 1994 - March 1996

Geologist, Cadia Project, Orange, NSW. Diamond drillhole core logging and interpretation. Supervision of drill rigs and earthmoving equipment. Supervision of junior geologists. Mineral resource modelling using Datamine software, database management and validation, use of Microsoft Office applications.

March 1993- May 1994

Exploration Geologist, New Celebration Gold Mine, Kalgoorlie, WA. Soil sampling and drilling program design, logging of RAB, RC and diamond drillholes, aeromagnetic data interpretation, regolith and outcrop mapping, geological resource calculations, report writing. Extensive use of Micromine mining software.

February 1991-March 1993

Mine Geologist, New Celebration Gold Mine, Kalgoorlie, WA. Open-cut geological work including supervision of ore excavation, mapping, sampling, logging of grade control drillholes (blastholes, RC and diamond), ore reserve vs. grade control reconciliations. Extensive use of Datamine mining software. Deputising for Senior Mine Geologist as required.

GEOLOGIST - National Mine Management Pty Ltd, Kalgoorlie WA

May 1989-February 1990

Project Geologist, Lady Bountiful Extended Gold Project. Supervision of mining and exploration of a large gold deposit near Kalgoorlie. Design and implementation of grade control drilling in the open-cut, and exploration drilling in the project area. Extensive liaison with mining and drilling contractors. Use of Surpac mining software to manage and manipulate geological data. Resource and reserve calculations and open cut pit design.

April 1988-May 1989

Mine Geologist, Black Flag and Royal Standard open-cuts. Open cut geological work including mapping, grade control program design and sampling supervision,

interpretation of assay data, supervision of ore excavation and liaison with mining personnel, minor work on pit de-watering techniques and equipment. Soil sampling, RC drillhole logging and geological mapping programs in the Kalgoorlie region as required.

CONTRACT GEOLOGIST (see below)

April 1988

Client: New Holland Mining NL, Edjudina WA. Supervision and logging of RC drilling program. Field mapping.

February-April 1988

Client: Mincoa NL, Marvel Loch WA. RC drillhole logging and program design. Field mapping.

November-December 1987

Client: Goldfields Exploration Ltd, Mt Morgan Qld. Supervision of gridding and soil sampling program in the coastal mountain ranges of central Queensland.

July-September 1987

Client: Carbine Gold NL, Kalgoorlie WA. Supervision and logging of RAB and RC drilling programs, use of field computers.

September 1985 to July 1987

JUNIOR GEOPHYSICIST - Flower Doery Buchan Pty Ltd (now Petroconsultants Digimap Pty Ltd), North Sydney NSW

Interpretation of seismic sections and wireline well logs, map contouring and drafting, report writing, digitizing and related computer work.

January 1985 to September 1985

TECHNICAL ASSISTANT - Robertson Research Australia, North Sydney NSW

Duties included collation and distribution of geological and geophysical data relating to petroleum exploration in Papua New Guinea. Logging of cuttings from petroleum wells on the North-West Shelf, WA.