



Mason Billington

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CAREER OBJECTIVE

To undertake a challenging new career opportunity as a **Senior Process Metallurgist** in the Australian mining industry where I can utilise my relevant qualifications and experience gained over the past 8 years. Having acquired a high level of competency in metallurgical research, control and development of processes used in extracting metals from ores and refining metals at various sites, I am positive that I would make a great addition to your leading company.

EDUCATION & TRAINING

2002	MARCSTA General Safety Induction (Mining) Aveling Training www.aveling.com.au
2001	WA Construction White Card/Blue Card Blue Dog Training www.bluedogtraining.com.au
2000	Metallurgical Testwork & Interpretation Course Mineral Engineering Technical Services Pty Ltd
1997 - 1999	Bachelor of Engineering (Metallurgical Engineering) Curtin University www.curtin.edu.au

DEMONSTRATED SKILLS & ABILITIES

- Highly experienced in all aspects of iron ore processing throughout the mining resources industry.
- Strong leadership skills with the ability to manage, supervise, direct and train staff and contractors.
- Contribute in a team during the process of casting, extracting or converting metals into new forms.
- Manage the metallurgical aspects of feasibility studies within iron ore.
- Develop and monitor effective processes that are used to manipulate and work metal into quality engineered industrial products in the mining resources industry.
- Skilled in characterisation, flowsheet development, beneficiation testing, laboratory testing and engineering design including interpretation of laboratory findings.
- Maintain the structural and chemical integrity of metal as it is welding, cast, formed or machined through various mechanical processes.
- Maintain and oversee a high level of quality and purity assurance as a primary objective and conduct thorough research and testing to ensure metal meets industry standards.
- Utilise a range of precision testing and measuring devices to extract and process samples.
- Demonstrate a high level of attention to detail with strong observation and mathematical skills.
- Strong understanding of Occupational Health & Safety standards, adhering to regulations.

EMPLOYMENT HISTORY

May 2007 - Current

FORTESCUE METALS GROUP LTD | www.fmgl.com.au
Level 2, 87 Adelaide Terrace, East Perth WA 6004

Senior Process Metallurgist

Company Profile:

- Fortescue is the New Force in Iron Ore and has joined the world's leading producers of iron ore. Since the Company was formed in 2003, its extraordinary growth has been unparalleled. Listed in the S&P/ASX 50 share index, Fortescue has firmly established itself as one of the world's largest producers and sea-borne traders of iron ore.

Key Duties:

- Develop and monitor effective processes that are used to manipulate and work metal into quality engineered industrial products, involved in all aspects of iron ore processing throughout the mining resources industry.
- Work to maintain the structural and chemical integrity of metal as it is welding, cast, formed or machined through various mechanical processes.
- Supervise, train, direct and work closely with crews during the process of casting, extracting or converting metals into new forms or products.
- Assume responsibility for testing samples of metal parts as they move through a series of processes that alter their composition or form to ensure that the end result meets manufacturing requirements for safety and functionality.
- Characterisation, flowsheet development, beneficiation testing, laboratory testing and engineering design including interpretation of laboratory findings.
- Define and control the metallurgical/engineering requirements on all material and subcontract purchase orders.
- Pursue cost reduction opportunities via refinement of methods and increased process capability.
- Prepare detailed technical reports as required and submit to management.
- Review and approve receipt of raw material based on certification and testing requirements.
- Troubleshooting and identification of any necessary process development work
- Critically review operating and technical data to identify trends or non-compliance.
- Ensure that all reported metallurgical and operating data is valid and reported as required.

Jan 2003 - May 2007

KINGSGATE CONSOLIDATED LIMITED | www.kingsgate.com.au
Suite 801, Level 8, 14 Martin Place, Sydney NSW 2000

Project Metallurgist

Company Profile:

- Kingsgate Consolidated Limited is a low cost gold producer and a gold mining and exploration company, traded on the Australian Stock Exchange (KCN: ASX). The company owns and operates the Chatree gold mine in central Thailand through its Thai subsidiary, Akara Mining Limited, using world's best practice for safe, environmental and socially responsible operations.

Key Duties:

- Work as part of an experienced team, ensuring safety, production and metallurgical targets are achieved in line with the objectives of the Processing Department.
- Provide technical expertise, leadership and consultancy to the processing teams so that they may conduct their activities with maximum benefit to their goals.
- Primarily responsible for managing and leading metallurgical test work programs, carrying out data analysis, reviewing plant performance, identifying and investigating improvement opportunities and conducting project work to ensure that the plant operates at optimum levels at all times.
- Demonstrate sound problem solving skills with a strong knowledge of metallurgical testing procedures.

EMPLOYMENT HISTORY

Jan 2003 - May 2007

ILUKA RESOURCES | www.iluka.com

Level 23 140 St Georges Terrace, Perth WA 6000

Senior Metallurgist

Company Profile:

- Iluka Resources is a major participant in the global mineral sands sector and is involved in the exploration, project management, operations and marketing of titanium based products and zircon. Headquartered in Perth, Iluka Resources have existing operations in Western Australia, Victoria, South Australia and the USA.

Key Duties:

- Assume accountability for specific inputs associated with the development of new ore bodies, involved in geometallurgy and mining by-product handling.
- Provide technical expertise to the group in the area of metallurgical process control.
- Facilitate the implementation of process control related solutions from concept to implementation.
- Identify and evaluate innovations in metallurgical process control.
- Manage the metallurgical balance process for the department.
- Develop, assess and implement new metallurgical processes to improve ore processing results.
- Coordinate people and equipment to deliver agreed outcomes, ensuring performance is achieved.
- Utilise technical 'know how' to influence outcomes, demonstrate innovation and make a difference.
- Demonstrate a strong understanding of mining and processing operations together with strong problem solving skills, strong communication and effective interpersonal skills.
- Undertake regular travel to various Iluka operations to liaise with operational and project personnel on technical issues.

KEY STRENGTHS & ATTRIBUTES

- Highly developed written and verbal communication skills.
- Proven ability to work under pressure and deliver against deadlines.
- Makes clear and precise observations followed by accurate reporting.
- Identifies, analyses and solve problems effectively.
- Active, helpful and contributing team member.
- Proven ability to work independently.
- Innovative with capacity for creative thinking.
- Demonstrated ability to organise and prioritise work.
- Flexible in working hours/shifts and tasks undertaken.
- Committed to ongoing professional development.

PROFESSIONAL REFEREES

JOHN STUDLEY

General Manager
Fortescue Metals Group Ltd
Level 2, 87 Adelaide Terrace
East Perth WA 6004
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KEVIN BELCON

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