

mining intelligence quarterly

ISSUE 1 SEPT • OCT • NOV • 2008

CEO'S SNAPSHOT



Welcome to the first edition of Mining Intelligence Quarterly, a publication to keep you informed about the world of intelligent mining analysis. Our objective is to inform you about some of the efficiencies the mining industry has achieved or is achieving through the acquisition, absorption and application of the data that mining equipment provides.

In this first edition we are delighted to introduce you to our newly redeveloped logo. The logo provides GBI with a new face to launch ourselves into the next phase of business development. We may look different to those familiar with our brand and services, however who we are has not changed. We are the same awesome company, providing the same quality services and the same outstanding results. We are now just a whole lot better looking.

I hope you enjoy reading our first edition and look forward to sharing more insights with you in the future.



SAVING MINES MILLIONS OF DOLLARS

Ground Breaking Innovations' (GBI) revolutionary productivity data systems are resulting in new levels of efficiency, providing mine owners with the opportunity to understand and improve their output significantly.

GBI's systems have identified savings that have allowed the average dragline payload to increase by at least 10 per cent. This translates to an estimated increase of \$2.5 million revenue per dragline each year.

CEO Graham Lumley said GBI's innovations were saving the mining industry millions of dollars each year in operating costs and increased output through the strategic analysis of minesite productivity data.

"Our benchmarking, reporting, training, auditing and consulting services are allowing mines to use equipment performance data to improve on-site efficiency and effectiveness simply by knowing what others are doing," Mr Lumley said.

According to GBI's extensive production data, many mines operate equipment at levels far below capacity – some at 50 per cent or less, costing mines millions of dollars each year. The basis of GBI's business is helping mines utilise the available capacity of their equipment.

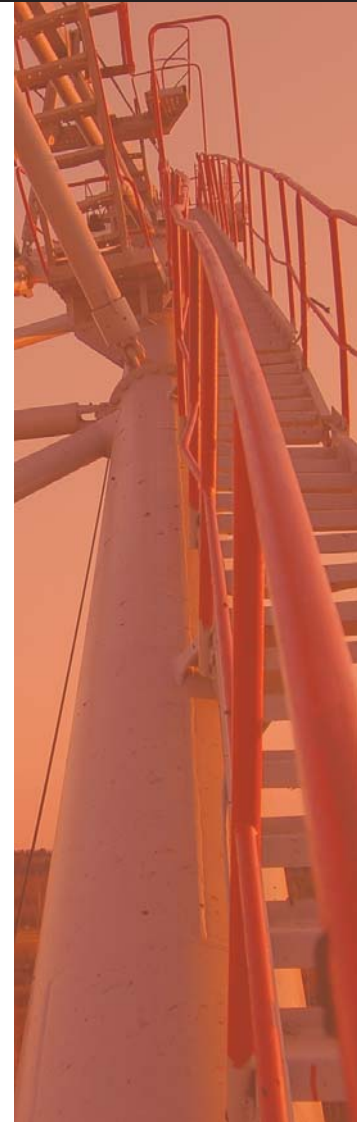
Mr Lumley said that through GBI's innovations,

the Australian mining industry had accepted that payload delivery was the primary driver of equipment productivity. In 2000 GBI began training mining personnel on that basis.

Prior to 1999, only five per cent of BE1370W draglines achieved more than 100 tonne-average payloads. Since then, GBI has provided mining companies with equipment productivity data making them more aware of what can be achieved. In 2007, 51 per cent of BE1370W draglines achieved 100 tonne-average payloads (a 46 per cent increase over pre-1999 results). A large part of equipment and operator improvements has to be attributed to the insights GBI has provided its clients.

GBI is responsible for several other payload related metrics, introduced in 2001, and now widely accepted throughout Australia.

"For too long now, mines have been unable to exploit the vast collection of information generated by production monitors due to inadequate interpretation systems and technicians who did not understand exactly what management needed. Mines have been data and information-rich but knowledge poor and GBI has helped bridge that gap," Mr Lumley said.



TREVOR TROTT JOINS GBI'S BRISBANE TEAM

GBI is pleased to announce the appointment of Trevor Trott to the position of Chief Operations Officer. Trevor is the current Operations Manager for Africa and South America, based in our South African office in Witbank. Trevor will relocate to Brisbane with his family in early 2009 where he will drive the company's strategic vision and lead GBI's successful operations, development and financial teams.

Trevor started his mining career in 1985 as a Learner Official, quickly climbing the ranks to become a dragline operator. He subsequently spent many years in mining and contractor management including roles as Foreman, Superintendent and Production Manager. Trevor has more than two decades of mining experience, covering all aspects of opencut mining. He completed studies at the University of Witwatersrand (WITS) in Johannesburg in Performance Management.

Trevor joined GBI as Production Manager in 2005. In 2006, his role was expanded to Operations Manager Africa and South America. He has been instrumental in the initiation, development, expansion and management of GBI's African office.

He has developed and facilitated several courses and has aided a number of mine sites with observations, audits, analysis and assistance in sequential and operational complexities. He has conducted numerous workshops, managed and been involved in countless business improvement initiatives and projects with major mining companies.

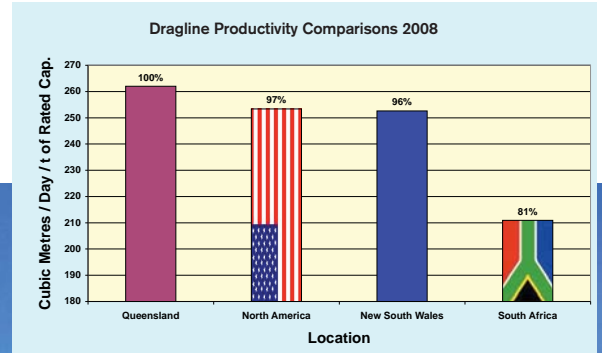
Trevor is the 'go-to' man for the South African coal mines and we are sure the value of his knowledge and skill will be highly sought after in the Australian and international mining industry.



QUEENSLAND LEADS THE WORLD IN DRAGLINE PRODUCTION FOR THE FIRST HALF OF 2008

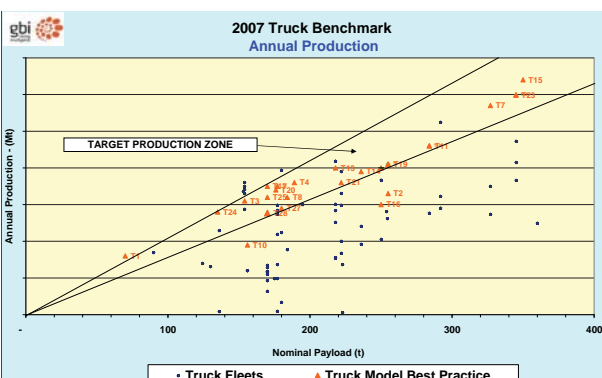
60 large walking draglines currently operating in Queensland move about 2.1 million cubic metres of spoil per day (765 million cubic metres per year).

The daily capacity (long term) for draglines is around 345 cubic metres per tonne of RSL which means there is room for improvement for most.



TRUCK AND LOADER BENCHMARKS PROVE THEIR VALUE

To date, fleets in Queensland, New South Wales, Western Australia, South Africa, Namibia, Tanzania, Venezuela, Colombia, Chile and USA have been benchmarked. These fleets include the mining of coal, iron ore, gold, copper, platinum and diamonds. The GBI database has in the vicinity of 400 years of loader data covering electric rope shovels, hydraulic shovels, hydraulic backhoes and front end loaders. GBI also has more than 1000 years of data from trucks



ranging in capacity from 154 tonnes to 360 tonnes. If you know what other operators are achieving and how, you are in a much stronger position to intelligently improve the performance of your trucks and loaders.

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THE NEW FACE OF GBI

Over the last few months GBI has taken steps to develop a new logo. The previous logo, although effective, was due for a refresh and CEO Graham Lumley was keen to move with the times.

In its previous form GBI's logo had remained unchanged since the inception of the business when the service offering was anchored in dragline research. With a new business strategy built on diversification of service offering and geographic expansion, it was decided a new logo was required. A new look would communicate more effectively the company's move to a thought leadership space built on technology, research insights and a premium training product.

To date GBI has used a number of statements to describe the business. Given that the core service which GBI provides is now 'mining intelligence', it made sense that this would become the definitive unique selling point to describe GBI's offer.

Mr Lumley believes the new brand will reposition GBI to meet future challenges, possibilities and prospects as it grows and faces current and future competition in the mining consultation environment, which in Australia is a growing market.

"A brand is not a luxury but a necessity. It is what GBI promises to its customers in the delivery of mining intelligence. The brand maintains an information technology and three dimensional edge, and as an international company, we want to be seen as progressive and innovative," Mr Lumley said.

The new logo and positioning statement has been designed to portray a variety of elements, beginning with the 'spiralling inwards or outwards' of information. This in turn symbolises the intelligent gathering and distillation of knowledge into a tangible result.

The logo also symbolises expansion, as the dots increase in size from both the inner and outer edges.

From a literal point of view, the dots also represent drilling down into the earth, a drillhole viewed from above.

The colour red is representative of the earth, complements GBI's major clients' logos and provides visual sustainability to be a stand out performer.

GBI has been operating since 1999 and originally established dragline bucket and rigging development work for Central Queensland Mining Supplies Pty Ltd (CQMS) and bucket selection and sizing work (dragline and electric rope shovels) for coal mines throughout Australia.

Mr Lumley was aware that an opportunity existed in the market and began developing the equipment data analysis and productivity reporting in 2000 as an extension to benchmarking.

Between 2003 and 2005, the data analysis arm of the business became dominant with a number of large mining companies seeking GBI's data mining intelligence.

Today GBI is one of the only companies in the world to provide intelligent mining production information to the industry.

For too long, mine operators have been unable to exploit the vast collections of information generated by production monitors due to inadequate interpretation systems and technicians who did not understand what was needed to achieve these efficiencies.

GBI understands that the market can change quickly. Mr Lumley is keen to maintain GBI's position as the thought leader in the mining intelligence space and understands the need to move with the times to stay ahead of the game, providing clients with the best information and advice.

Expos in September to November

Las Vegas - MinExpo, Las Vegas Convention Centre from 22-24 September 2008.

Hunter Valley - The Hunter Valley Expo, The Newcastle Entertainment Centre from 24 – 26 September 2008.

Perth - Permac Expo, The Claremont Exhibition Centre from 5-7 November 2008.

Mackay - Bowen Basin Coal Conference, The Windmill Hotel, 5 Highway Plaza, North Mackay Conference from 10-11 November 2008.

Trevor Trott will be a key note speaker at the conference. He will look at Anglo Coal South Africa's New Vaal Colliery going from information-overload to knowledge-intensive mining.

The GBI team is looking forward to attending these expos. For more information or if you would like to meet with us during these events please contact GBI on 07 3277 1555.

WHERE IS THE DRAGLINE?



"...and when was the last time you saw it?"

To subscribe to the newsletter please email gbi@gbi.net.au providing your name and contact details and we will include you in the next edition.



FOR MORE INFORMATION

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