



MEDIA RELEASE

Productivity gains targeted in response to mining sector downturn

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Queensland mine operators are responding to the current downturn by engaging mining intelligence supplier Ground Breaking Innovation's (GBI) to boost productivity using unique data analysis and strategic advice.

By making a few informed changes to a mine's operations, organisations can achieve significant improvements in productivity, according to GBI CEO Graham Lumley.

"After almost a decade of strong growth mines are now dealing with contracting markets and falling prices. For mining companies to achieve more for less they need to focus on knowledge-intensive mining practices," Mr Lumley said.

Information available from around the globe is growing at a rapid rate as new data is produced every day. However, the continuity of information acquired and knowledge applied to run mines efficiently is being broken through poor use of available data and the loss of personnel.

"Insights are lost through insufficient resources to create knowledge from the vast amount of data generated on mine sites all over the world and now, more than ever, mines need to pay attention to data," Mr Lumley said.

GBI uses tailored software systems and professional expertise to collect, analyse and benchmark data. Through this process the company assists in the conversion of operating data from mine sites worldwide into outstanding productivity improvements.

GBI can take a single piece of mining equipment and pinpoint where it is under-performing compared with best practise for the same make and model from around the world. Once potential inefficiencies have been found GBI identifies what tools and tactics need to be put in place to align the equipment and/or the whole operation with best practice.

"Operators with more than 30 years' experience can still operate mining equipment at a sub-optimal level," Mr Lumley said.

"We train and mentor operators using the data from millions of hours of mining equipment combined with our people's hundreds of years of practical experience to achieve best practice."

In one example, equipment operators at a site in Australia had been taught not to fill a bucket, but rather to pick the bucket up early and swing hard. Using GBI's data and on-site knowledge of the same make and model GBI demonstrated that the piece of

equipment was operating at 42% below best practice productivity.

"GBI worked with the operators to change the bucket filling

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