



## WHITTLE CONSULTING

STRATEGIC MINE PLANNING SPECIALISTS

### **New Whittle Consulting software increases mining NPV by 5% to 35%, or substantially more**

3 April, 2013

Whittle Consulting, leaders in strategic planning for mining companies, has announced a significant upgrade to its in-house “Prober” software. After more than 3 years of development, prototyping and testing, the latest version “Prober C” enables intricate modelling of multiple steps in the mining value chain, bringing technologies such as mine-to-mill, selective blasting, ore sorting, and complex comminution strategies into the strategic planning process.

*“New technologies in ore characterisation and extraction processes enable substantial economic and energy saving opportunities. Developments in these areas, led by our alliance partner JKTech, have clear operational benefits, and now we can harness their strategic significance by re-optimising the pits/phases or underground mines, mining methods, life-of-mine schedules, cut-off grade and stockpiling strategies, processing policies, product strategies, logistics and capital scaling decisions to apply these technologies in an integrated fashion. This will compound economic performance and capital efficiency to new levels.”* explains Whittle Consulting CEO – Gerald Whittle.

For the last decade, Whittle Consulting has helped mining companies substantially improve the cash flow profiles of their mining projects and operations through an integrated approach “Enterprise Optimisation”. Invariably the result is an increase in NPV of 5% to 35%, and sometimes substantially more. In many cases the net cash flow is doubled in the first 3 to 5 years, usually with little or no capital expenditure involved. As the trends continue towards lower grade and problematic ore bodies, escalating costs, scarce capital and diminishing margins – the Enterprise Optimisation capability will help progressive mining companies lead the way in terms of competitiveness and sustainability.

Enterprise Optimisation, often nick-named the “Money Mining” approach, is underpinned by Prober software developed by Jeff Whittle, founder of the Whittle business and the developer of the original Whittle Pit Optimisation software that has become the industry standard for mine planning over the last three decades. Jeff, now 83 years old, explains *“We have been using the previous version Prober B for over a decade. It allows for three steps in the value chain: mining, processing and production, although with some clever but convoluted modelling more could be accommodated. The new Prober C supports unlimited sequential or parallel procedures, making more detailed yet more intuitive modelling of complex mining and processing technologies possible. This is then simultaneously optimised to maximise the value of the business.”*



## WHITTLE CONSULTING

STRATEGIC MINE PLANNING SPECIALISTS

Whittle Consulting works with alliance partners Ausenco, Gemcom/Geovia, JKTech, Xstract, VBKom, MineQuest and Edison Research to deliver the Enterprise Optimisation services worldwide.

*“Our mission is to transform the economic performance of mineral resource projects and operations globally. Prober C is another step in that evolution.”*

For further information on how you can benefit from “Money Mining”/Enterprise Optimisation, please contact:

Mikaela Thorne (Marketing and Events)  
e [mikaela@whittleconsulting.com.au](mailto:mikaela@whittleconsulting.com.au)  
tel +61 3 9898 1755

Gerald Whittle, CEO  
e [gerald@whittleconsulting.com.au](mailto:gerald@whittleconsulting.com.au)  
mob +61 418 552 107

See [www.whittleconsulting.com.au/events](http://www.whittleconsulting.com.au/events) for details of worldwide Executive Briefings and 2 day “Money Mining” Seminars.