
CAPABILITY STATEMENT

Reducing Surface Blast Hole Drilling Costs

BUSINESS SUMMARY

- DTH Drilling Solutions incorporated on 1 July, 2006
- Graeme Exelby, Director, sole trainer and coach
- Percussive drilling industry experience since 1976, global since 1996
- Provide solutions to resolve problems and reduce operating costs
- Down-The-Hole Hammer and Rotary drilling systems on most surface drills
- Totally independent - no exclusive alliance with any drill or tooling manufacturers
- Certificate IV in Training & Assessment, 2007

SERVICES

- Professional evaluations of drillers to gauge skills, knowledge and disposition
- On-the-job coaching and mentoring to refine setup and drilling technique
- Comprehensive education about proper use of drill tooling and failure analysis
- Levels 1 & 2 customized theory training covering all aspects of blast hole drilling
- Written report submitted with observations, actions & recommendations

EXPERTISE

- Collaring technique to avoid deviation and create stable open holes
- Manage flushing to ensure hole quality and minimize lost time from stuck pipe
- Maintenance discipline to optimize equipment and tooling life for less downtime
- Optimizing rotation, feed and air pressure settings to maximize tooling life
- Improving efficiency on the pattern to maximize drilled metres per shift
- Premature failure analysis of roller bits, DTH bits, hammers and drill pipe threads

DTHDS CLIENTS

- Rio Alto – La Arena Gold Mine, Peru – D245KS, DM45
- Pharoah Gold Mines – Sukari, Egypt – DM30 & DM45
- Barrick Gold – North Mara Mine & Buzwagi Mine, Tanzania – SKF12
- Rio Tinto Iron Ore – Hope Downs and West Angelas Mines, Australia – SKSS15
- Newmont Boddington Gold Mine – Australia – DML & PV271

PAST CLIENTS

- Barrick Gold – Porgera Gold Mine, Papua New Guinea – DML
- Cambior Resources – Omai Gold Mine, Guyana – D40KS, DM45
- Mitsubishi Materials – Higashitani Limestone Mine, Japan – D45KS
- Anglo Ashanti – Sadiola Gold Mine, Mali – D45KS
- Zimplats/Impala – Ngezi Platinum Mine, Zimbabwe – D45KS
- Utah Coal Associates – Bowen Basin Mines, Australia – Marion M4
- Various Quarries, Adelaide – T4; Airtracks, GD, IR & ROC

Graeme Exelby - 2012.