

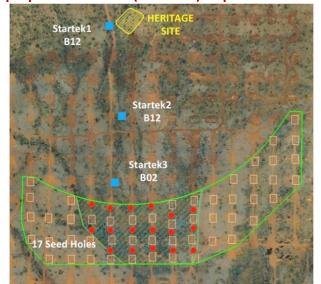
Workshop Details

BLASTING FOR ROCK SHELTER PROTECTION (BFRSP) WORKSHOP

Workshop presenters: Trevor N Little (TNL) and Dr Dane P Blair (DPB).

Workshop Convenors: Blasting Geomechanics Pty Ltd. Note: A two-day Advanced Wall Control Blasting Workshop (AWCBW) is also being convened by BGPL at the same venue on 21st - 22nd October 2024. Workshop date: Friday 25th October 2024 (8.30 am -4.30 pm). Timed to be immediately after the 8th ISEE Drill & Blast Down Under Conference 2024. Workshop venue: TBA at or near (Crown Casino Perth - Great Eastern Hwy, Burswood WA 6100. Workshop Fees: Fee: AUD\$1,200 per attendee. This includes: all day coffee, morning tea, lunch and a course manual. Payment options: Mastercard or Visa, PayPal, money transfer or purchase order. Contact details: Workshop Administrator - Cherie Little. Phone +61 8 92430650, Mob +61 400924306, Web: www.bgpl.com.au or Email: mail@bgpl.com.au

Field setup for the collection of seed waveforms for use within the Monte Carlo Waveform Superposition Model (MCWSM) to predict VPPV.



Workshop Program

Friday 25th October 2024

8.15am Registration

Technical Session 1 (TNL)

8.30 am Topic 1 Course introduction and technical overview - terminology, blast design objectives and blast design elements, risks and opportunities and rock shelter stability assessment.

10.10am Morning Tea (20 minutes)

Technical Session 2 (DPB)

10.30 am Topic 2 Modern techniques of blast design and analysis for the protection of rock shelters – process flowchart, site information, seed waveforms, blast design analysis, flyrock and noise considerations, re-design or proceed decisions and post blast assessment.

12.15pm Lunch (45 minutes)

1.00 pm Topic 2 (Continued)

Technical Session 3 (DPB, TNL)

2.00 pm Topic 3 Three selected case studies – (1) BGPL support Baby Hope Cave, (2) Site investigation and stability assessment, and (3) Heritage protection by stand-off control.

3.30pm Short break (15 minutes)

Technical Session 4

3.45 pm Topic 4 Course summary + open discussion 4.30 pm Evaluation and Close of Workshop (TNL).

Radiation map of MCWSM predicted Vector Peak Particle Velocity (VPPV) external to blast pattern with timing map overlaid on blast pattern.

