



PRECISION DRILL AND BLAST Pty Ltd

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ABN: 67 048 968 017

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BLAST REPORT

CLIENT:	GSC
DATE & TIME:	Markout 04/08/19, Fired 27/08/19, 2:34PM
BLAST # & LOCATION:	Bolgers P_004
SHOTFIRER & Lic #:	S.Breskon XBLS200468

DESIGN PARAMETERS

POWDER FACTOR	0.6	HOLE DIAMETER	102mm
BENCH HEIGHT (m)	10-13m	STEMMING / Agg Size (m)	2.4m/10mm
SUB-DRILL (m)	INCL	MIC (kg)	105kg
BURDEN (m)	3.6m	NUMBER HOLES	39
SPACING (m)	4.0m	DRILL METRES (m)	440.2m
HOLE ANGLE (°)	0,10°	BCM OF SHOT (m ³)	6,338.8m ³

EXPLOSIVES

PRODUCT	TYPE	QUANTITY
BULK EXPLOSIVE	Maxam Rioflex	4t
BOOSTER	150g	39
DOWNLINE	12m # 450	39
SURFACE DELAY CONTROL	6m # 17ms	18
SURFACE DELAY ECHELON	6m # 25ms	1
SURFACE DELAY ECHELON	6m # 42ms	20
INITIATION TYPE	Safety Fuse	2m

MONITOR RESULTS

MONITOR LOCATION	MIC kg	PPV mm/s	OVERPRESSURE dBL
Northern House	105kg	N/T	N/T
Southern House	105kg	N/T	N/T

COMMENTS : All holes were drilled to required depth and loaded to 2.4m stem. The blast produced good size fragmentation on muckpile with minimal back break. Both monitors returned a Nil. trigger result.



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BLAST REPORT

CLIENT:	GSC
DATE & TIME:	Markout 15/01/19, Fired 30/01/19, 12:06PM
BLAST # & LOCATION:	Bolgers_P_003
SHOTFIRER & Lic #:	S.Breskon XBLS200468

DESIGN PARAMETERS

POWDER FACTOR	0.65	HOLE DIAMETER	115mm
BENCH HEIGHT (m)	12-19m	STEMMING / Agg Size (m)	2.4m/10mm
SUB-DRILL (m)	INCL	MIC (kg)	200kg
BURDEN (m)	4m	NUMBER HOLES	17
SPACING (m)	4.5m	DRILL METRES (m)	265.4m
HOLE ANGLE (°)	15°	BCM OF SHOT (m ³)	4,777m ³

EXPLOSIVES

PRODUCT	TYPE	QUANTITY
BULK EXPLOSIVE	Maxam Rioflex	3.2t
BOOSTER	400g	17
DOWNLINE	15,18m # 450	6,11
SURFACE DELAY CONTROL	6m # 17ms	6
SURFACE DELAY ECHELON	4m # 42ms	10
SURFACE DELAY ECHELON	6m # 25ms	1
INITIATION TYPE	Safety Fuse	2m

MONITOR RESULTS

MONITOR LOCATION	MIC kg	PPV mm/s	OVERPRESSURE dBL
Northern House	200kg	N/T	N/T
Southern House	200kg	N/T	N/T

COMMENTS : All holes were drilled to required depth and loaded to 2.4m stem. The blast produced good size fragmentation on muckpile with minimal back break. Both monitors returned a Nil. trigger result.



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BLAST REPORT

CLIENT:	GSC
DATE & TIME:	Markout 08/07/20, Fired 23/07/20, 2:50PM
BLAST # & LOCATION:	Bolgers P_005
SHOTFIRER & Lic #:	S.Breskon XBLS200468

DESIGN PARAMETERS

POWDER FACTOR	0.6	HOLE DIAMETER	115mm
BENCH HEIGHT (m)	12-19m	STEMMING / Agg Size (m)	2.6m/25mm
SUB-DRILL (m)	INCL	MIC (kg)	197kg
BURDEN (m)	4.0m	NUMBER HOLES	169
SPACING (m)	4.0,4.5	DRILL METRES (m)	2,359.2m
HOLE ANGLE (°)	0,10°	BCM OF SHOT (m ³)	39,695m ³

EXPLOSIVES

PRODUCT	TYPE	QUANTITY
BULK EXPLOSIVE	Maxam Rioflex	24.8t
BOOSTER	150,400g	1,169
DETONATOR/DOWNLIN	Hi Tronic 6,12,18,25m	2,54,100,14
INITIATION TYPE	Electronic	N/A

MONITOR RESULTS

MONITOR LOCATION	Distance (m)	PPV mm/s	OVERPRESSURE dBL
Northern House	680m	1.05	112.7
Southern House	500m	N/T	N/T

COMMENTS : All holes were drilled to required depth and loaded to 2.6m stem with downloads along the face. The blast produced good size fragmentation on muckpile with minimal back break. The monitor located at the Southern house returned a Nil. trigger result while the Northern house returned a result below the allowed limits.