



## GUIDELINE FOR BLASING OF GRANITE BOULDERS

Autostem		Boulder Properties				Drilling	
Cartridge Size	Units Per Case	Length (Spacing)	Width (Burden)	Height	m <sup>3</sup>	Hole Diameter	Hole Depth
6g	150	0.6	0.6	0.6	0.2	12mm	400mm
9g	150	0.7	0.7	0.8	0.4	12mm	500mm
20g	100	1	1	1	1.0	19mm	600mm
30g	100	1.2	1.2	1	1.4	19mm	700mm
40g	100	1.4	1.4	1	1.9	19mm	800mm
180g	70	1.8	1.8	1.4	4.5	38mm	0.9m
300g	44	2.0	2.0	2.3	9.2	38mm	1.5m
350g	34	2.4	2.4	2.7	15.6	46mm	1.8m
550g	28	2.8	2.8	4	31.4	46mm	2.1 - 2.7m

### Notes:

Hole diameters specified are the maximum hole diameter that should be drilled without stemming the hole

Drilling depth should be approximately two thirds the depth of the height of the boulder that is being blasted.

Results will vary depending on the rock type and geological features within the rock.

These guidelines are based on one cartridge per hole and are guidelines only. The Blaster in charge remain responsible for the entire blasting process conducted at his or her own discretion.