

BLAST WAVES FROM BURIED CHARGES

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While much airblast data are available for height-of-burst (HOB) effects, systematic airblast data for depth-of-burst (DOB) effects are more limited. It is logical to ask whether the spherical 0.5-g Nitropenta charges that proved to be successful for HOB tests at EMI are also suitable for experiments with buried charges in the laboratory scale; preliminary studies" indicated in the affirmative.

Of special interest is the airblast environment generated by detonations just above or below the ground surface. This paper presents a brief summary of the test results. A more complete description may be found in Reference 12.