

Abstract Submitted
for the SHOCK05 Meeting of
The American Physical Society

The Response of Silica Gel under Shock Loading Conditions E.A.

TAYLOR, CEPSAR, Physics and Astronomy, The Open University, Walton Hall, Milton Keynes, MK7 6AA, UK, K. TSEMBELIS, PCS, Cavendish Laboratory, Madingley Road, Cambridge, CB3 0HE, UK, C.S. COCKELL, PSSRI, The Open University, Walton Hall, Milton Keynes, MK7 6AA, UK, W.G. PROUD, PCS, Cavendish Laboratory, Madingley Road, Cambridge, CB3 0HE, UK — A series of plate impact experiments has been performed to assess the dynamic behaviour of silica gel in the longitudinal orientation by means of manganin gauges and VISAR using the Cavendish facility. This series is part of a preliminary program to assess the survivability of biological materials during a terrestrial impact event.

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Date submitted: 11 May 2005

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