

ABSTRACT**IN SITU DYNAMIC TESTING OF FOUNDATION PILES**

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A method of in situ testing of a foundation pile includes positioning a support rig (8, 10) over the pile (2), positioning an impact weight (40) on the support rig and positioning a lifting beam (16) on the support rig, the weight (40) and the lifting beam (16) being guided to move vertically with respect to the rig. The impact weight (40) is connected to the lifting beam and the lifting beam is then lifted vertically by means of a crane 44 and secured to the support rig in an elevated position. The lifting beam (16) has fastening means (20) which may be operated to release the impact weight (40) which then falls freely downwards into contact with the top of the pile. Sensors (6) detect the strain and acceleration induced in the pile and these values are analysed in the conventional manner.

(FIGURE 1 IS SUGGESTED FOR PUBLICATION)



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