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(54) APPARATUS FOR BI-DIRECTIONAL LOAD TESTING OF DRIVEN PILES AND INJECTION PILES, AND METHOD THEREOF

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(57)ABSTRACT

An apparatus for carrying out bi-directional load testing of close ended driven piles and injection piles utilizing a hydraulic jack, comprising an enclosure for housing the hydraulic jack. The apparatus includes a first hollow body, a second hollow body and a third hollow body. The first hollow body has an open upper end, an open lower end, and a base for attaching the top of the hydraulic jack. The second hollow body has an open upper end, an open lower end, and a base for attaching the base of the hydraulic jack. The third hollow body has an open upper end and an open lower end, and has an inner diameter corresponding to the outer diameter of the first hollow body and the second hollow body, the third hollow body being capable of being axially received by both the first hollow body and the second hollow body.

