

ABSTRACT**APPARATUS FOR BI-DIRECTIONAL LOAD TESTING OF DRIVEN PILES
AND INJECTION PILES, AND METHOD THEREOF**

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 enclosure includes a first hollow body a second hollow body. The first hollow body had a covered upper end and an open lower end, with the upper end being capped by an attached top plate having an external surface which the lower end of a first pile may be axially attached to, and an internal surface. The open lower end has a cut-out originating on the edge of the open end of the first hollow body for receiving a hydraulic connection for the jack. The second hollow body is capable of housing the hydraulic jack, has an open upper end and a lower end.

Figure 1