

Abstract

HARD PAVEMENT CONSTRUCTION METHOD FOR NATURAL GROUNDWATER RECHARGE

The present invention discloses a hard pavement construction method for natural groundwater recharge. The method comprises the following steps: drilling to an underground shallow sand zone water storage layer (12) on a flattened earth floor (1), filling holes (2) with sand, inserting rod-shaped tools (4) into the holes (2) filled with the sand, pouring concrete to form a concrete foundation layer (5) with a flat surface, removing the rod-shaped tools, continuously filling the holes with the sand to be flush with a plane of the concrete foundation layer (5), sanding and compacting on the concrete foundation layer (5), then directly arranging pavement bricks (7) on a sand surface in an unbonded manner to form a hard pavement, and enabling rain and snow water on the hard pavement to pass through cracks of the pavement bricks (6), rapidly and naturally recharge to the underground shallow sand zone water storage layer (12) via the holes (2) and slowly permeate to an underground deep sand zone water storage layer (14).

(FIG. 7)