



Behaviour of Rockfill Materials

By Syed Mohd Abbas

LAP Lambert Acad. Publ. Jan 2011, 2011. Taschenbuch. Condition: Neu. Neuware - For the present work two types of rockfill materials viz. riverbed (from seven project sites) and quarried (from three project sites) have been considered. These materials have been modeled to three smaller maximum particle sizes (d_{max}). Drained triaxial tests have been conducted on these modeled materials at four confining pressures. Breakage factors have been determined at the end of each triaxial test. For all the modeled rockfill materials, stress-strain-volume change responses have been plotted and ϕ -values have been determined. Various index properties viz. unconfined compressive strength (UCS) and uncompacted void content (UVC) of the rockfill materials have also been determined in the laboratory. The UCS represents the strength of the particles and UVC represents grading, size, shape, angularity and surface texture of the particles. The behaviour of the rockfill materials has been explained in terms of these index properties. A method has been proposed to relate the basic characteristics in terms of UCS and UVC of the rockfill materials with the shear strength parameter. 116 pp. Englisch.



READ ONLINE
[4.07 MB]

Reviews

Absolutely essential read through ebook. Better than never, though i am quite late in start reading this one. I am just delighted to inform you that this is actually the finest ebook i actually have read through during my own existence and might be he greatest publication for actually.

-- **Ms. Vernie Stracke**

These sorts of ebook is the perfect publication accessible. I really could comprehended every little thing out of this created e ebook. I am very happy to inform you that this is basically the very best ebook i actually have study within my personal life and might be he finest pdf for ever.

-- **Favian O'Kon**