Indian Geotechnical Journal

Volume 46 · Issue 1 · January-March 2016

ORIGINAL PAPERS

Observations on Pile Design and Construction Practices in India S.R. Gandhi 1

An Experimental Study on Behaviour of Piled Raft Foundation J.D. Patil - S.A. Vasanvala - C.H. Solanki 16

Hydrocollapse of Semi-arid Soils A. Rouaiguia - M.A. Dahim 25

Factors Influencing the Distribution of Peak Tension in Geosynthetic Reinforced Soil Slopes

G. Tiwari - N.K. Samadhiya 34

Prediction of Ground Vibrations Produced in DMC Type of Piling Through Soft and Hard Strata

K. Balari - V. Jaya - C. Arun 45

A Simplified Approach for Estimation of Braced Wall Deflection During Excavation in Soft Clay

K. Dan - R.B. Sahu 56

Application of Advanced Procedures to Model Tests on the Subsoil Behavior Under Vertical Loading of Group Pile in Sand

5. Advanta - W. Mao - S. Goto - I. Towhata 64

The Analysis of Stress, Deformation and Arch Effect of the Lianghekou Earth-rockfill Dam

2. Liu - C. Wang 77

Dynamic Soil Structure Interaction of Structures Resting on Soil Under Earthquake Motion

I. Chowdhury - A. Ghosh - S.P. Dasgupta 85

TECHNICAL NOTE

Study on Rock Fracture with TBM Cutter Under Different Confining Stresses

Further articles can be found at link.springer.com

Indexed/abstracted in Google Scholar, DCLC, Summon by Serial Salumons.

Instructions for Authors for Indian Geotych J are available at http://www.springer.com/40098