JAN. 1998 VOL. 124 NO. 1 ISSN 1090-0241 CODEN: JGGEFK

JOURNAL OF GEOTECHNICAL and GEOENVIRONMENTAL ENGINEERING





The Geo-Institute of the American Society of Civil Engineers

TECHNICAL PAPERS

Limit Analysis versus Limit Equilibrium for Slope Stability H. S. Yu, R. Salgado, S. W. Sloan, and J. M. Kim

4

Dynamic Properties of Sherman Island Peat Ross W. Boulanger, Rajendram Arulnathan, Leslie F. Harder Jr., Ralphael A. Torres, and Michael W. Driller

47

Estimation of Municipal Solid Waste Landfill Settlement Hoe I. Ling, Dov Leshchinsky, Yoshlyuki Mohri, and Toshinori Kawabata

0.4

Monitoring of Fluid Injection and Soil Consolidation Using Surface Tilt Measurements D. W. Vasco, Kenzi Karasaki, and Larry Myer

0.0

Cohesive and Adhesive Properties of Silicate Grout on Grouted-Sand Behavior Alaa Ata and Cumaraswamy Vipulanandan

3

Effects of Cycilc Loading on Internal Shear Strength of Unreinforced Geosynthetic Clay Liner Jiunnren Lai, David E. Daniel, and Stephen G. Wright

45

Fractal Model for Flow through Saturated Soils S. Thevanayagam and S. Nesarajah

53

Beam-Column Method for Tieback Walls Jean-Louis Brlaud and Nak-Kyung Kim

67

Ground Settlement in Simi Valley following the Northridge Earthquake All Abdel-Haq and Roman D. Hryciw

80

contents continued on back cover

TECHNICAL NOTES

K. R. Lekha, N. R. Krishnaswamy, and P. Basak.	91
Lateral Pressure on Sheet Pile Walls due to Strip Load. Michael Georgiadis and Christos Anagnostopoulos	95

American Society of Civil Engineers

1801 Alexander Bell Drive RESTON, VA 20191-4400 **PERIODICALS**

