## Journal of the

## SOIL MECHANICS AND FOUNDATIONS DIVISION

Proceedings of the American Society of Civil Engineers

# SOIL MECHANICS AND FOUNDATIONS DIVISION EXECUTIVE COMMITTEE

Ralph E. Fadum, Chairman; Stanley J. Johnson, Vice-Chairman; Thomas M. Leps; Ralph B. Peck; Jorj O. Osterberg, Secretary

#### COMMITTEE ON PUBLICATIONS

H. Bolton Seed, Chairman; John A. Focht, Jr.; Harold J. Gibbs; James P. Gould; Gerald A. Leonards; Ralph B. Peck; Frank E. Richart, Jr.; Woodland G. Shockley; Thomas H. Thornburn

#### CONTENTS

### May, 1958

#### Papers

	Number
Increased Resistance to Deformation of Clay Caused by Repeated Loading by H. B. Seed, R. L. McNeill, and J. de Guenin	1645
Geology and Soils of the Newark (N. J.) Metropolitan Area by Alfreds R. Jumikis	1646
Development of Multiple-Wheel CBR Design Criteria by C. R. Foster and R. G. Ahlvin	1647
Geological Factors in Tunnel Construction: Tools and Techniques by Arthur B. Cleaves	1648
Geological Factors in Tunnel Construction: Geology and Tunnel Design A. B. Reeves	1649
Geological Factors in Tunnel Construction: Geophysical Investigations for the Lehigh Tunnel by H. LeRoy Scharon and Arthur B. Cleaves	1650
(Over)	

Copyright 1958 by the American Society of Civil Engineers.

	Number
The Structure of Compacted Clay by T. William Lambe	1654
The Engineering Behavior of Compacted Clay by T. William Lambe	1655
Discussion	1657