

CONTENTS

	Page
Charles Peter Berkey. By John L. Savage and Roger Rhoades.....	xi
The Geologist in the Engineering Organization. By Edward B. Burwell, Jr., and George D. Roberts.....	1
Geology in dam construction. By Edward B. Burwell, Jr., and Berlen C. Moneymaker.....	11
Engineering Geology in the design and construction of tunnels. By James F. Sanborn.....	45
Mechanics of landslides. By Karl Terzaghi.....	83
Faults and Engineering Geology. By George D. Louderback.....	125
Geology and Engineering in the production and control of ground water. By O. E. Meinzer...	151
Engineering Geology of highway location, construction, and materials. By E. F. Bean.....	181
Geological aspects of Beach Engineering. By W. C. Krumbein.....	195
Petrology of concrete affected by cement-aggregate reaction. By Duncan McConnell, Richard C. Mielenz, William Y. Holland, and Kenneth T. Greene.....	225
Geologic Engineering in the petroleum industry. By K. C. Heald.....	251
Geology in the discovery, development, and exploitation of mineral deposits. By Murl H. Gidel.....	273
Military Geology. By Chas. B. Hunt.....	295