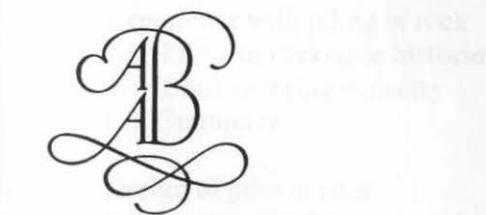


PILING IN ROCK

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Introduction
Geological setting
Geotechnical parameters
Soil classification
Summary

Geological investigation
Soil sampling and testing
Geological mapping
Geophysical exploration
Soil classification
Soil mechanics
Pile driving
Soil drilling
Soil testing
References



Theory of piling in rock
Numerical histories
Design methods

Soil resistance
Safety factor and probability analysis

Soil behavior under cyclic loading
Capacity of piles under lateral loads

Soil behavior under axial load
Axial capacity of piles in rock

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Contents

Acknowledgements	ix
Introduction: Scope of this book	1
1 Rocks and their properties	4
1.1 Descriptive properties	4
1.2 Quantitative properties of rock material	10
1.3 Quantitative properties of rock mass	12
1.4 Summary	16
2 Site investigations	17
2.1 Purpose and limitations	17
2.2 Geological mapping	18
2.3 Geophysical exploration	19
2.4 Test pits	19
2.5 Percussion drilling	26
2.6 Core drilling	26
2.7 Load testing	27
2.8 Summary	31
3 Experience with piling in rock	33
3.1 Piling in rock-case histories	33
3.2 Load carrying capacity	35
3.3 Summary	36
4 Design of piles in rock	38
4.1 Factor of safety and probability of failure	38
4.2 Loadings on piles	40
4.3 Capacity of piles in axial loading	41
4.4 Capacity of laterally-loaded piles	45
4.5 Capacity of pile groups	49

4.6 Deterministic methods	49
4.7 Design details	51
4.8 Summary	51
5 Analysis of load-deformation behavior	53
5.1 The spring model	53
5.2 The half-space model	58
5.3 The finite element method	65
5.4 Comparison between the various analytical approaches	66
5.5 Piles subject to moments and lateral loadings	67
5.6 Summary	70
6 Drilling methods and equipment	71
6.1 Basic principles	71
6.2 Drilling equipment	72
6.3 Percussion drilling	81
6.4 Rotary drilling	83
6.5 Compressed air	86
6.6 Summary	91
7 Drillability	92
7.1 Theoretical studies	92
7.2 Laboratory testing	94
7.3 Field testing	96
7.4 Summary	98
8 Construction aspects	99
8.1 Equipment	99
8.2 Construction procedure	99
8.3 Inspection and quality control	101
8.4 Specifications and contract documents	103
8.5 Economic considerations and costing	104
8.6 Environmental considerations	106
8.7 Summary	106
9 Load testing of piles in rock	107
9.1 Number of tests	107
9.2 Mode of loading	107
9.3 Reaction setup	109
9.4 Loading program	113
9.5 Measurements	115
9.6 Interpretation of the results	117
9.7 Summary	120

Appendix A: Manufacturers' data	121
Appendix B: Suggested specification for piling in rock	123
Section 1: General	123
Section 2: Materials	127
Section 3: Construction procedure	129
Section 4: Bill of quantities	132
Appendix C: SI units	133
Appendix D: List of symbols	135
References	137
Subject index	143

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