

CONTENTS

Preface.....	Kou KUSUNOKI...	i
Outline of the Drilling Operation at Mizuho Station	Yosio SUZUKI and Takatoshi TAKIZAWA...	1
Stratigraphic Analyses of Firn and Ice at Mizuho Station	Okitsugu WATANABE, Kikuo KATO, Kazuhide SATOW and Fumio OKUHIRA...	25
Structural Characteristics of Firn and Ice Cores Drilled at Mizuho Station, East Antarctica.....	Hideki NARITA, Norikazu MAENO and Masayoshi NAKAWO...	48
Measurements of Air Permeability and Elastic Modulus of Snow and Firn Drilled at Mizuho Station, East Antarctica	Norikazu MAENO, Hideki NARITA and Kuniaki ARAOKA...	62
The Electrical Behaviors of Antarctic Ice Drilled at Mizuho Station, East Antarctica.....	Norikazu MAENO...	77
Stress-Strain Tests of Ice Core Drilled at Mizuho Station, East Antarctica	Hitoshi SHOJI...	95
Internal Friction of Antarctic Mizuho Ice Cores at Low Frequency	Tsutomu NAKAMURA and Osamu ABE...	102
Anisotropy of Ultrasonic Wave Velocities in Mizuho Cores	Tomomi YAMADA...	114
Extinction Coefficient of Light of Cores Drilled at Mizuho Station, East Antarctica.....	Shinobu KAMIOKA and Daisuke KUROIWA...	124
Appendix: Miscellaneous Compiled Data.....		131