



Proceedings of the
WORKSHOP ON
GROUTING TECHNOLOGY
FOR
DAM FOUNDATIONS

17, AUGUST, 1991

INDIAN GEOTECHNICAL SOCIETY

BARODA CHAPTER

APPLIED MECHANICS DEPARTMENT KALABHAVAN

M. S. UNIVERSITY OF BARODA, VADODARA

PROCEEDINGS OF WORKSHOP ON GROUTING TECHNOLOGY FOR
DAM FOUNDATIONS

CONTENTS

TECHNICAL SESSION - I

- Lecture - 1 : Need and Philosophy of Grouting Technology 1
Shri J. F. Mistry
Retd. Secretary, (WRD) and Consultant - Sardar
Sarovar Narmada Nigam Ltd. Gandhinagar.
- Lecture - 2 : Grouting as a Seepage Control Measures-Some
Case Studies. 36
Shri M. U. Purohit
Engineer-in-Chief (Designs), Sardar Sarovar
Narmada Nigam Ltd., Gandhinagar.

TECHNICAL SESSION _ II

- Lecture - 1 : Consolidation Cum-Contact-Grouting for Sardar
Sarovar Dam 64
Shri B. J. Parmar
Chief Engineer Navagam Dam Sardar Sarovar
Narmada Nigam Ltd., Kevadia.
- Lecture - 2 : Engineering Geological Aspects for Grouting of
Dam Foundations. 84
Shri D. M. Pancholi
Superintending Engineer (Geo) Central Designs
Organisation, Gandhinagar.

TECHNICAL SESSION - III

- Lecture - 1 : Grout Mix Design and Recent Innovations 102
Prof. (Dr) A. V. Shroff
Head, Applied Mechanics Department,
Faculty of Technology & Engineering,
M.S.Univeristy, Baroda.
- Lecture- 2 : Specifications and Measurements at Grouting
Projects.
Shri M. G. Raichur
Director, Gujarat Engineering Research
Institute, Vadodara.