

LIST OF TABLES

<i>Table No.</i>	<i>Table Caption</i>	<i>Page No.</i>
2.1.	Values of Hydraulic Conductivity K and exponent n (Louis, 1969).	19
2.2.	Values of fracture toughness for mass concrete as reported in the literature.	30
4.1.	Trial and adopted crack parameters in present model.	71
4.2.	Length of Cracks in different years.	73
5.1.	Time Independent constants used transient uplift pressure formulations.	81
5.2.	Element properties and convergence criteria.	92
5.3.	Dam-concrete properties.	93
5.4.	RMSE values for dam- crown deflection for different years.	97