

LIST OF TABLES

Table No.	Title	Page No.
2.1	Details of the samples, prepared with variation of activator (Bi) concentration.	38
2.2	Details of the samples prepared with variation of coactivator (Mg) concentration.	39
4.1	Corelation coefficient and Decay constants for the samples prepared	73
4.2	Trap depth from 'Peeling Off' decay curves	74
5.1	Peak temperature and peak intensities of samples irradiated under gamma source	123
5.2	Peak temperature and peak intensities of samples irradiated under ultraviolet source	124
5.3	Activation energy, symmetry factor for gamma irradiated samples Series I	125
5.4	Activation energy, symmetry factor for gamma irradiated samples Series II	126
5.5	Activation energy, symmetry factor for ultraviolet irradiated samples Series I	127
5.6	Activation energy, symmetry factor for ultraviolet irradiated samples Series II	128
5.7	Escape frequency factor and size of the traps for gamma irradiated samples	129
5.8	Escape frequency factor and size of the traps for ultraviolet irradiated samples	130