## LIST OF TABLES

Table no.	Title	Page no.
2.1	Details of sample prepared S <sub>1</sub> to S <sub>10</sub>	35
2.2	Details of sample prepared S <sub>11</sub> to S <sub>22</sub>	36
4.1	Co-relation coefficient, decay constant	66
4.2	Activation energies from peeling off curve	67
5.1	Peak temp. peak intensity for $S_1$ to $S_{10}$ samples (uv excited)	110
5•2	Peak temp. peak intensity for $\mathbf{S}_{11}$ to $\mathbf{S}_{21}$ samples (uv excited).	111
5.3	Peak temp. peak intensity for $S_1$ to $S_{10}$ ( $\gamma$ -irradiated samples).	112
5•4	Peak temp. peak intensity for $S_{11}^{1}$ to $S_{19}^{1}$ ( $\gamma$ -irradiated samples).	113
5.5	Activation energies for samples $S_1$ to $S_{10}$ (uv excited samples)	114
5.6	Activation energies for samples $S_{11}$ to $S_{21}$ (uv excited samples)	115
5.7	Activation energies for samples $S_1$ to $S_{10}$ ( $\gamma$ -irradiated samples).	116
5.8	Activation energies for samples $S_{11}$ to $S_{19}$ ( $\gamma$ -irradiated samples).	117
5.9	Escape frequency, size of trap for sample $S_1$ to $S_1$ (uv excited samples)	118
5.10	Escape frequency, size of teap for sample $S_{11}$ to $S_{21}$ (uv excited samples).	119
5.11	Escape frequency, size of trap for sample $S_1$ to $S_{10}$ (gamma irridated).	120
5.12	Escape frequency, size of trap for sample $S_{11}$ to $S_{19}$ (gamma irridated).	121