

## LIST OF TABLES

<b>Tables</b>		<b>Page No.</b>
<b>Table 1.1</b>	Stratigraphic sequence of Delhi Supergroup in eastern part of Alwar basin.	26
<b>Table 2.1</b>	Classification and symbols of Grain types (after Dickinsons, 1985).	41
<b>Table 2.2</b>	Percentage of detrital minerals in quartzites of the Alwar basin CQ=common quartz, VQ=vein Quartz, RMQ= recrystallised metamorphic quartz, SMQ=stretched metamorphic quartz.	44
<b>Table 2.3</b>	Percentage and framework modes of quartzites of Delhi Supergroup of Alwar basin (based on Dickinson's Classification 1985).	45
<b>Table 4.1</b>	Geochemical composition of Quartzites of Alwar Basin.	83
<b>Table 4.2</b>	Geochemical composition of Metapelites of Alwar Basin.	89
<b>Table 6.1</b>	Average element ratios of Quartzites and Metapelites of Alwar basin compared to range of ratios in similar fractions derived from felsic and basic sources (Cullers, 2000).	125
<b>Table 6.2</b>	Chondrite – normalized Rare Earth Element data of average Alwar basin clastic sedimentary rocks, basement end members (T=TTG; BG= Berach Granite; M= Mafic enclaves of BGC) and mixing results.	134
<b>Table 7.1</b>	Summary of geochemical characteristics of provenance types (after McLennan et al., 1993, 1995).	139