

## **LIST OF TABLES**

<b>Table No.</b>	<b>Description</b>	<b>Page No.</b>
Table 1.1	Worldwide metallurgical zinc production	3
Table 1.2	Summary of various application/utilization of jarosite	20
Table 2.1	Geotechnical and chemical properties of jarosite	28-29
Table 2.2	Chemical properties of GGBS	30
Table 2.3	Chemical properties of hydrated lime	31
Table 2.4	Standards adopted for testing	33
Table 3.1	Summary of compaction parameters of the various jarosite-GGBS-lime mixture	58
Table 3.2	Permissible limits for Weight/Material Loss after the completion of Freeze-Thaw cycle	82
Table 3.3	Variation in Ca:Si and Si:Al ratio in various jarosite-GGSB-lime mixtures	91
Table 3.4	Toxicity elements leachate concentration (TCLP) extract in raw jarosite waste and its stabilized composites	94
Table 4.1	Minimum unconfined compressive strength for pavement design	99
Table 4.2	Cost estimation of embankment construction	102