

LIST OF ABBREVIATIONS

The principal abbreviations used in this thesis are presented for easy reference. Additionally, most symbols are identified where they are used, or first used if use is different than given below.

List of Abbreviations

CCRs	Coal Combustion Residual
ASCW	Al-Surface Cleaning Waste
ASTM	American Society for Testing and Materials
BIS/ IS	Bureau of Indian Standards
Ca:Si	Calcium to Silica Ratio
CBR	California Bearing Ratio
C-A-H	Calcium Aluminates Hydrate
C-A-S-H	Calcium Aluminates Silicate Hydrate Bond
C-S-H	Calcium Silicates Hydrate Bond
DFS	Dumped Ferrous Slag
DFSI	Differential Free Swell Indexes
Eqs.	Equations
EDX	Energy-Dispersive X-Ray Spectroscopy
F-T	Freezing-Thawing cycle
GGBS/G	Ground Granulated Blast Furnace Slag content
ICP	Inductively Coupled Plasma
JW/J	Jarosite Waste
L	Hydrated Lime Content
MDD	Maximum Dry Density
MH	Silt with High Plasticity
MPRs	Marble Processing Residues
MSW	Municipal Solid Wastes
OMC	Optimum Moisture Content
OPC	Ordinary Portland Cement

PCCRs	Pond Coal Combustion Residues
q_t	Split Tensile Strength
SEM	Scanning Electron Microscopy
Si:Al	Silica to Aluminium Ratio
S/S	Solidification/Stabilization
SRPC	Sulphate Resistant Portland Cement
t	Curing Period
TCLP	Toxicity Leachate Characteristics Procedure
UCS/ q_u	Unconfined Compressive Strength
U.S.	United State
USEPA	United States Environmental Protection Agency
XRD	X-Ray Diffraction
4-R	Reduce, Reuse, Recycle And Reclaim