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LIST OF ABBREVIATIONS

A.R	Analytical Reagent
AAS	Atomic Absorption Spectrometer
AP1	Activator Protein 1
APHA	American Public Health Association
ATP	Adenosine Tri Phosphate
AWWA	American Water Works Association
BCR	Bureau of Reference
BFP	Brahmaputra Flood Plains
BGS	British Geological Survey
BRS	Brahmaputra River Sediment
BVP	Barak Valley Plains
CBD	Citrate-Bicarbonate-Dithionate
CBE	Charge Balance Error
CEC	Cation Exchange Capacity
CGWB	Central Groundwater Board
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DPHE	Department Of Public Health Engineering
EC	Electrical Conductivity
EDX	Energy Dispersive Xray Spectroscopy
EH	Reduction Potential
EPA	Environmental Protection Agency
GIS	Geographical Information System
GPS	Global Positioning System
GW	Groundwater
HCA	Hierarchical Cluster Analysis
IAP	Ion Activity Product
IC	Ion Chromatograph
ICDD	International Center For Diffraction Data
ICP-OES	Inductively Coupled Plasma Optical Emission Spectrometer

JCPDS	Joint Committee On Power Diffraction Standards
MAP	Mono Ammonium Phosphate
MCP	Mono Calcium Phosphate
MGP	Middle Gangetic Plains
MML	Mott Macdonald Limited
ND	Not Detectible
NERIWALM	North Eastern Regional Institute For Water And Land Management
NF	Not Found
ORP	Oxidation Reduction Potential
PC	Principal Component
PCA	Principal Components Analysis
PHED	Public Health Engineering Department
PKA	Protein Kinase A
PTH	Parathyroid Hormone
PZC	Point Of Zero Charge
SD	Standard Deviation
SEM	Scanning Electron Microscope
SEP	Sequential Extraction Procedure
SH	Thiol group
SI	Saturation Indices
SSAAB	South And Southeast Asian Arsenic Belt
TDS	Total Dissolved Solids
TOC	Total Organic Carbon
UNICEF	United Nations Children's Fund
USA	United States Of America
UV	Ultra Violet
WHO	World Health Organization
XRD	Xray Diffraction