

List of Abbreviations

AEU:	Air Equilibration Unit
bdl:	Below Detection Limit
bgl:	Below Ground Level
bl:	Boundary Layer
CBGW:	Cambay Basin Ground Water
CFC:	Chlorofluorocarbon
DCB:	Dug cum Bore well
DW:	Dugwell
EC:	Electrical Conductivity
ECBBF:	Eastern Cambay Basin Bounding Fault
GC:	Gulf of Cambay
GMWL:	Global Meteoric Water Line
GNIP:	Global Network for Isotopes in Precipitation
GWRDC:	Gujarat Water Resources Development Corporation
HP:	Hand Pump
IAEA:	International Atomic Energy Agency
kaBP:	Kilo Annum Before Present (1000 years before present)
Lat.:	Latitude
LGM:	Last Glacial Maxima
LMWL:	Local Meteoric Water Line
Long.:	Longitude
LRK:	Little Rann of Kachchh
mS:	mili Siemens
MW:	Molecular Weight (g mol^{-1})
NGC:	North Gujarat Cambay
NS:	Nalsarovar
PA:	Peak Area
PFM:	Piston Flow Model
pmC:	Percentage Modern Carbon
PPM:	Parts Per Million
RSD:	Relative Standard Deviation
RT:	Retention Time
SIRM:	Stable Isotope Ratio Mass-spectrometer
T:	Tubewell
TA:	Artesian Tubewell
TDIC:	Total Dissolved Inorganic Carbon
TS:	Thermal Spring
WCBBF:	Western Cambay Bounding Fault
WMO:	World Meteorological Organization
WMRM:	Well Mixed Reservoir Model