

## LISTS OF SYMBOLS AND ABBREVIATIONS

°C	Degree Celsius
$\gamma_f$	Density of freshwater
$\gamma_s$	Density of seawater
$h$	Groundwater tables
$\Omega.m$	Ohm meter
$\mu\Omega.cm$	Micro ohm centimeter
$\mu\Omega/cm$	Micro ohm per centimeter
$\mu S/cm$	Micro Siemens per centimeter
$\rho$	Water density
APHA	American Public Health Association
BM	Bench Mark
$Br^-$	Bromide
BS	British Standards
Ca	Calcium
$Cl^-$	Chloride
DID	Department of Irrigation and Drainage of Malaysia
DMGM	Department of Mineral and Geosciences Malaysia
DSMM	Department of Survey and Mapping Malaysia
EC	Electrical conductivity
EHW	Extreme High Water
ELW	Extreme Low Water
Fe	Iron
$g/cm^3$	Gram per cubic centimeter
$g/L$	Gram per liter
G.L	Ground level
GOM	Government of Malaysia
GPS	Global Positioning System
ha	Hectares
$HNO_3$	Nitric acid
I.D.	Internal diameter
in	Inches
IPCC	Intergovernmental Panel on Climate Change
JICA	Japan International Cooperation Agency
K	Potassium
KCl	Potassium chloride
km	Kilometer
$km^2$	Kilometer square
km/ha	Kilometer per hectare
m	Meter
$m^3/day$	Meter cubic per day
$m^3/hr$	Meter cubic per hour
Mg	Magnesium
$mg/L$	Milligram per liter
mm	Millimeter

mm/month	Millimeter per month
mm/year	Millimeter per year
mS/cm	MilliSiemens per centimeter
MHWN	Mean High Water Neaps
MHWS	Mean High Water Springs
ML/d	Millionliter per day
MLWN	Mean Low Water Neaps
MLWS	Mean Low Water Springs
MPOB	Malaysia Palm Oil Board
msl	Mean sea level
m.msl	Meter from mean sea level
MW	Monitoring wells
MYR	Malaysia Ringgit
Na	Sodium
NO <sub>3</sub> <sup>-</sup>	Nitrate
ppt	Parts per thousand
PSD	Particle-size distribution
PVC	Poly vinyl chloride
S/m	Siemens per meter
SO <sub>4</sub> <sup>2-</sup>	Sulphate
TBM	Temporary Bench Marks
TDS	Total dissolved solids
TLERT	Time lapse resistivity tomography
t/ha	Tonnage per hectare
ton/ha/yr	Tonnage per hectare per year
UNEP	United Nations Environment Program
USD	United States Dollar