

## LEGEND

					L E	G E	N	D					
MAP UNIT  (HYDROGEOMORPHIC UNIT)  REPRESENTED IN THE MAP WITH ALPHANUMERIC CODE  (COLOUR INDICATES YIELD RANGE AND HATCHING INDICATE DEPTH RANGE)	GEOLOGICAL SEQUENCE / ROCK TYPE  (REPRESENTED IN THE MAP WITH NUMERIC CODE)	GEOMORPHIC UNIT / LANDFORM  (REPRESENTED IN THE MAP WITH ALPHABETIC CODE)	DEPTH TO WATER LEVEL  PRE / POST- MONSOON (AVERAGE IN METERS)  NO. OF WELLS OBSERVED	RECHARGE CONDITIONS BASED ON AVAILABILITY OF WATER (RAINFALL & OTHER SOURCES)	GROUND WATER PROSPECTS							RECHARGE STRUCTURES	
					AQUIFER MATERIAL  LS = LOOSE SEDIMENTS PR = PERMEABLE ROCK FIR = FISSURED ROCK FR = FRACTURED ROCK WR /= WEATHERED ROCK / WM WEATHERED MATERIAL IR = IMPERIVIOUS ROCK	TYPE OF WELLS SUITABLE  DW = DUG WELL RW = RING WELL BW = BORE WELL TW = TUBE WELL DBW /= DUG CUM-BORE WELL / DTW DUG CUM-TUBE WELL	DEPTH RANGE OF WELLS (SUGGESTED) MIN - MAX (IN METERS)	YIELD RANGE OF WELLS (EXPECTED) (in LPM or m / day)	HOMOGENEITY IN THE UNIT & SUCCESS RATE OF WELLS (PROBABILITY)  VERY HIGH HIGH MODERATE LOW	QUALITY OF WATER POTABLE (P) NON - POTABLE (NP) (INDICATE REASONS IF NON POTABLE)	GROUND WATER IRRIGATED AREA (APPROX . RANGE IN PERCENTAGE)	SUITABLE & PRIORITY  PT = PERCOLATION TANK CD = CHECK DAM NB = NALA BUND RW = RECHARGE WELL DT = DESILTING OF TANK RP = RECHARGE PIT SD = SUBSURFACE DYKE RS = RECHARGE SHAFT ST = STORAGE TANK SCM = SOIL CONSERVATION MEASURES	REMARKS (PROBLEMS / LIMITATIONS)
DPY112	Active Estuarine Deposits  (Present Day)  (Present Day)  (a)  (a)  (b)  (b)  (c)  (c)  (c)  (d)  (d)  (d)  (d)  (e)  (f)  (f)  (f)  (f)  (f)  (f)  (f	Deltaic Plain Younger (DPY)	8 / 5	Good	LS	TW	>250 m	>800 LPM	High	NP (Salinity) (At shallow depth)	35.9	Not Required	Areas affected by Salinity. Fres water available at depth ranges >25
DPO13	Ancient Estuarine Deposits  (Early to Late Holocene)  (Sarly to Late Holocene)  (Substituting the Molocene)  (Substituting the Molocene)  (Although the Molocene)	Deltaic Plain Older (DPO)	8 / 5 45	Good	LS	TW	>250 m	600-800 LPM	High	NP (Salinity) (At shallow depth)	64.0	RW Moderate to High	Areas affected by Salinity. Fresh water aquifers found at depth range of 250m and above.
	These are fault / fractu	quartz reefs and pegmatite	e veins, which generally	act as barriers for gr	round water movement.	re clearly observed / infer	red from the satelli	ite image are indica	ted on the map. Th	ere could be some	obscured fractur	es which also influence the gro nydrogeological/geophysical su	und water prospects.

