

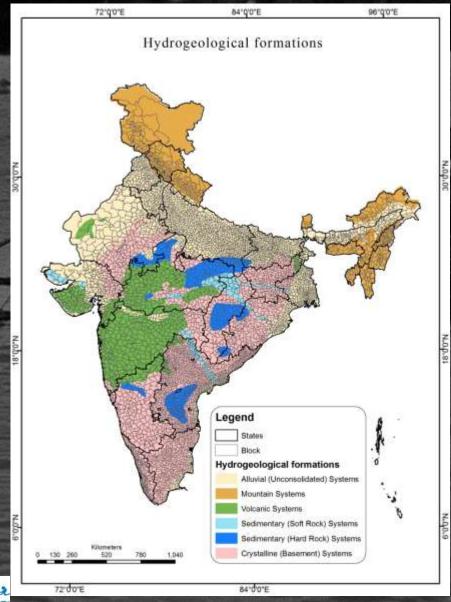
ADVANCED CENTER FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT (ACWADAM)

www.acwadam.org / acwadam@vsnl.net



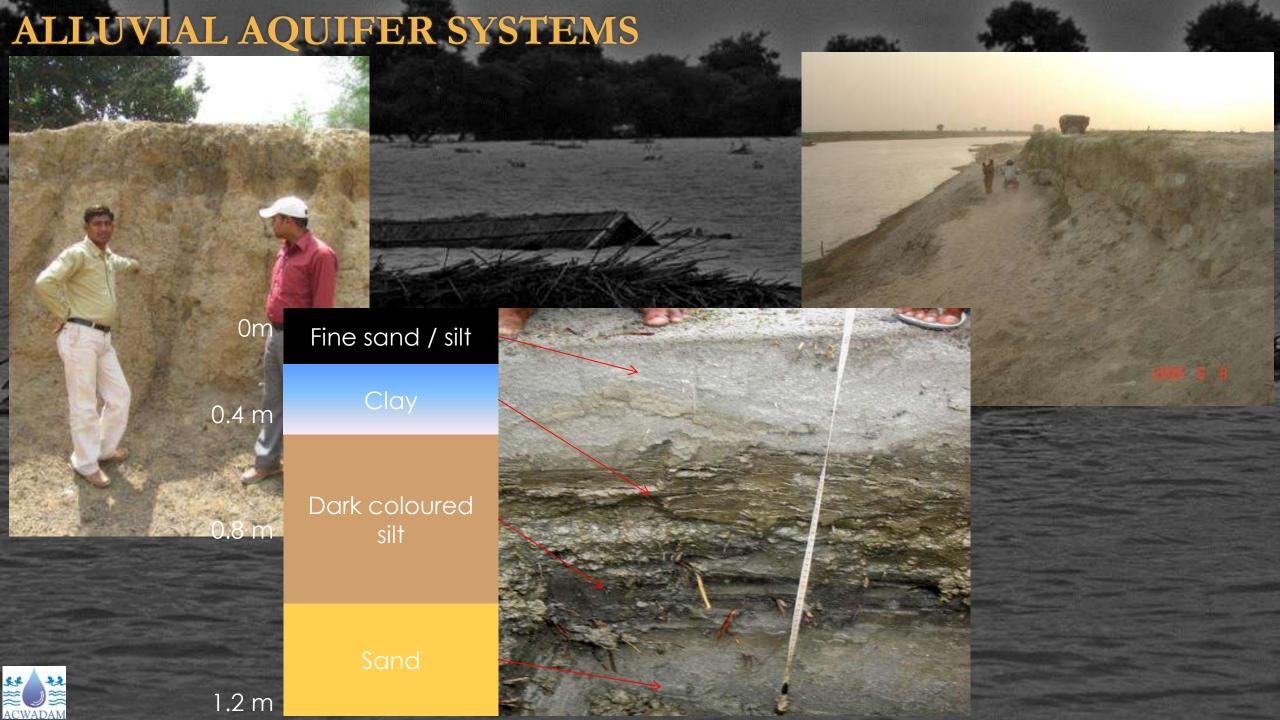
a Water Vagabond

INDIA'S HYDROGEOLOGICAL FRAMEWORK

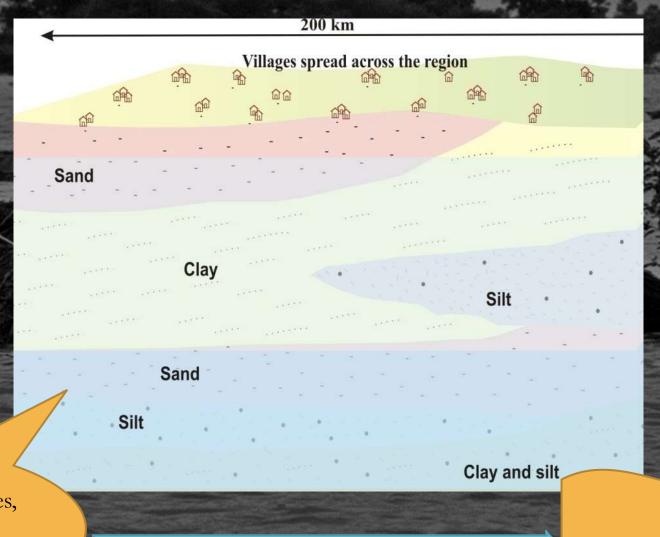








ALLUVIAL AQUIFER SYSTEMS



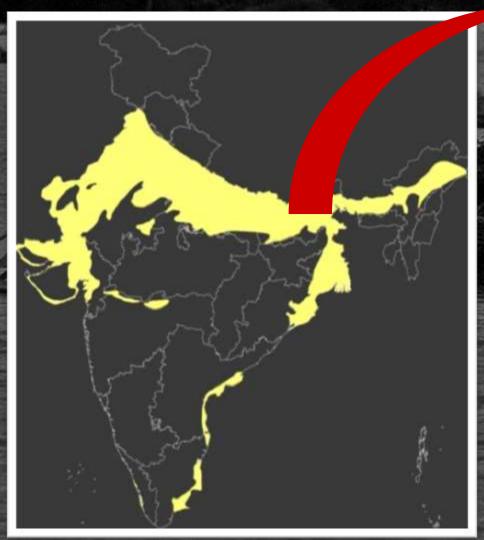
Very high storage volumes, Very slow groundwater movement

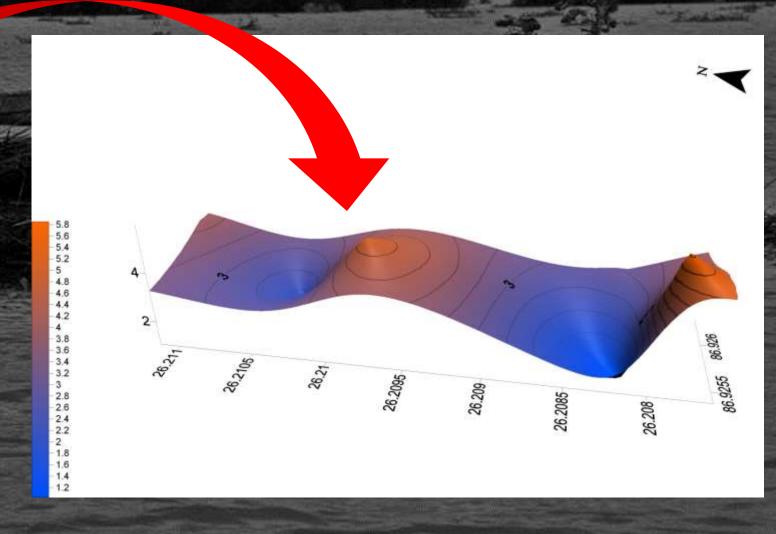
-Recharge.

-Dilution.

-Long term vulnerabilities.

THE ISSUE OF SCALE

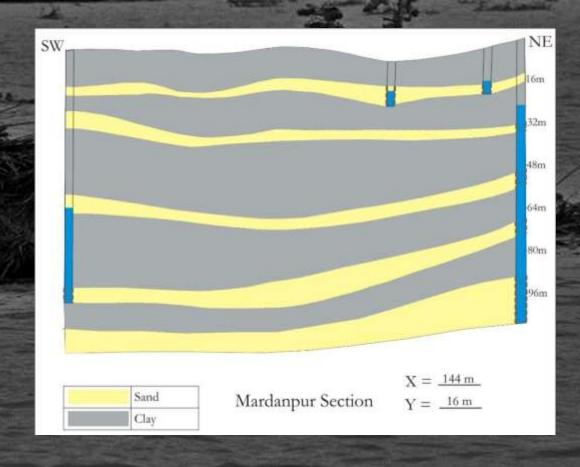






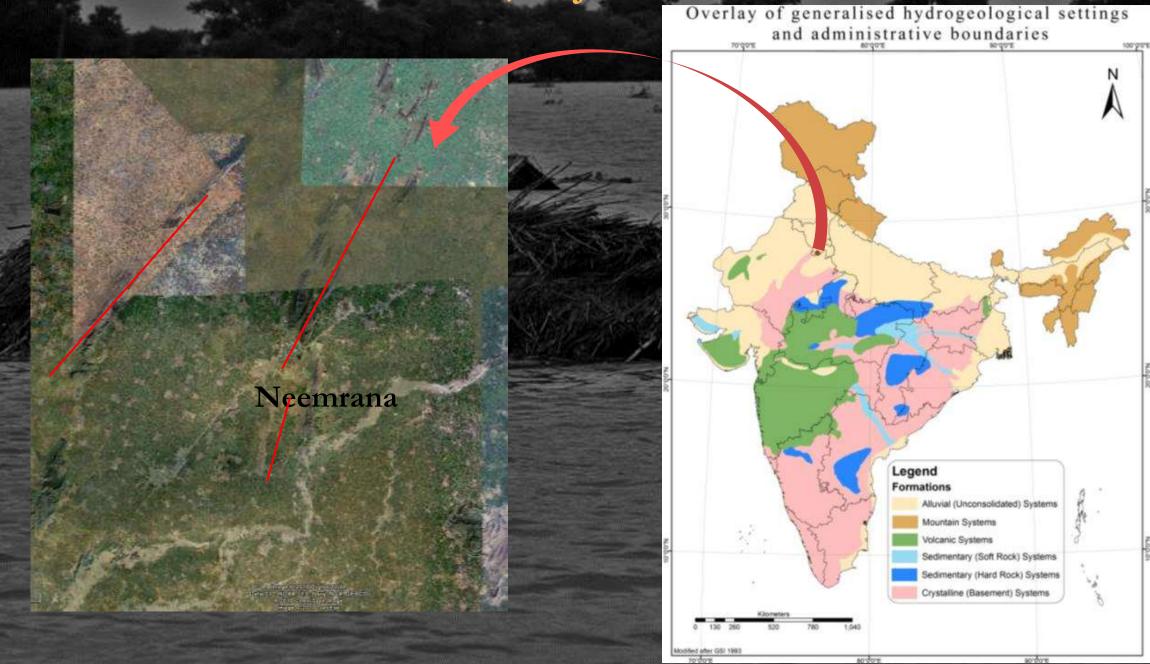
ALLUVIAL AQUIFER SYSTEMS







GROUNDWATER IN NEEMRANA, RAJASTHAN





HYDROGEOLOGY

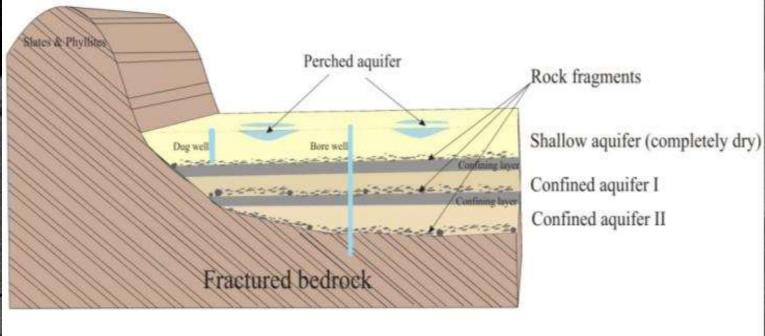
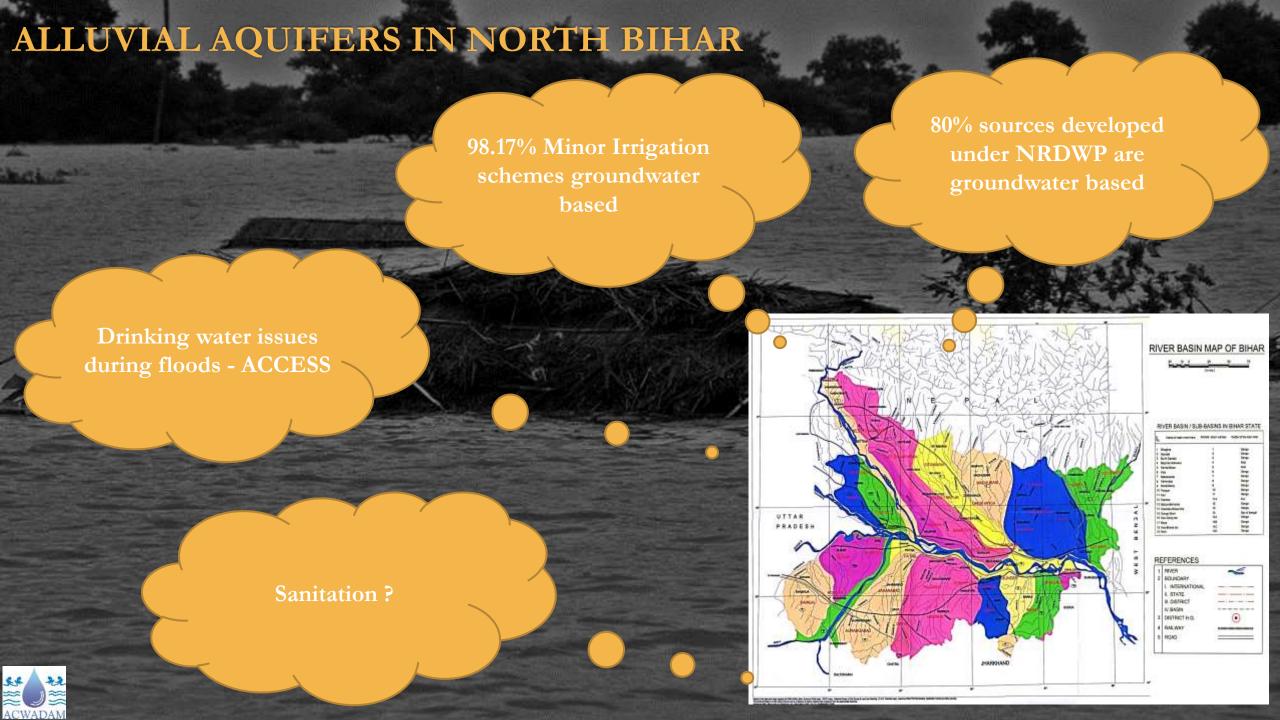


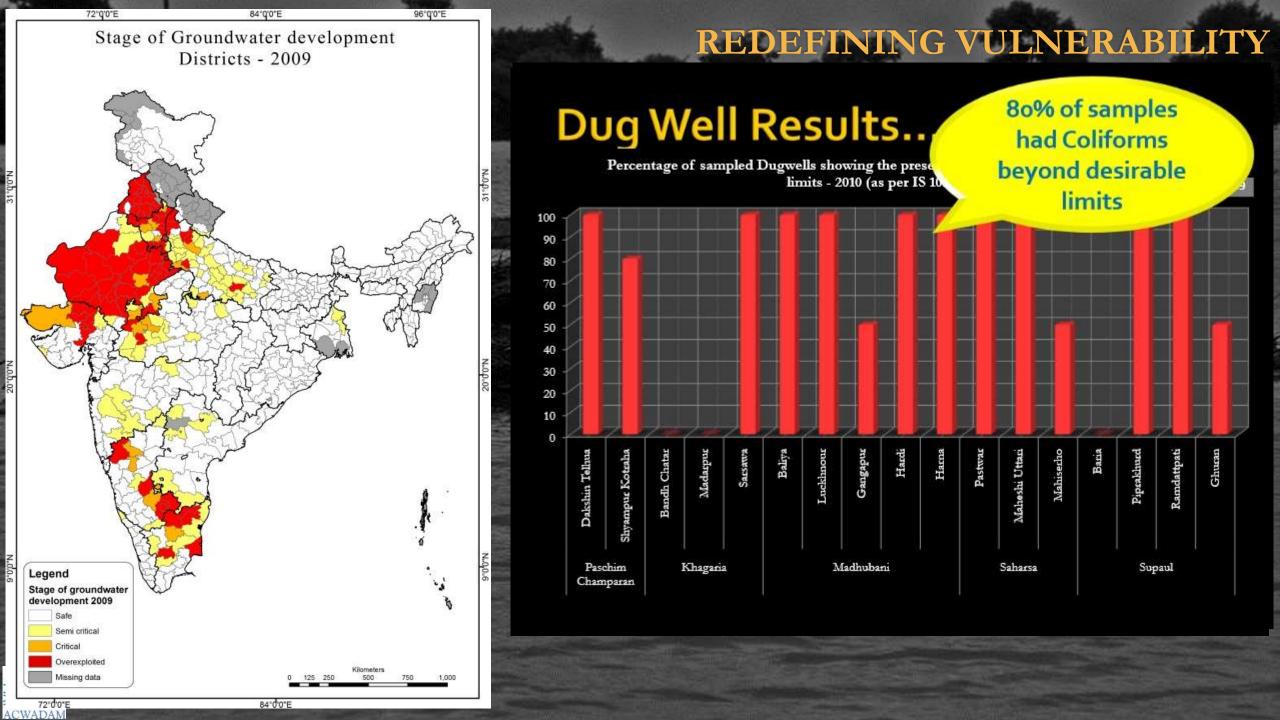


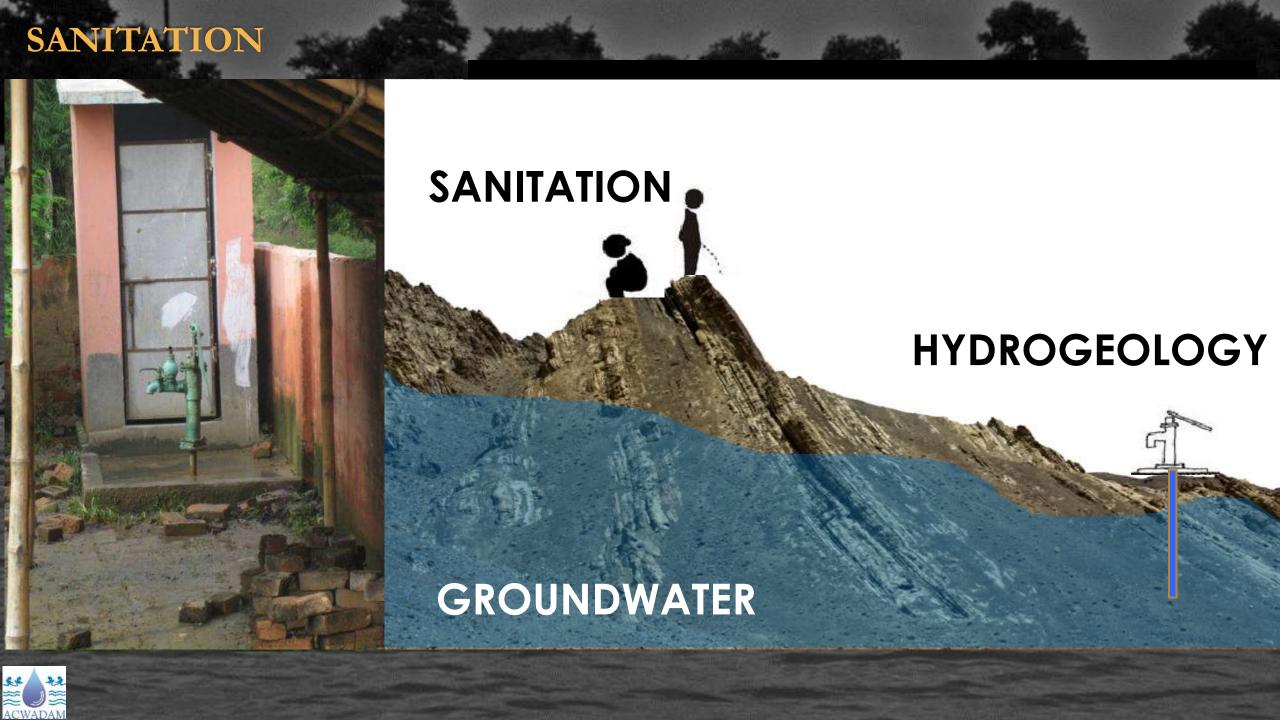
FIGURE NOT TO SCALL

RECHARGING A DRY SHALLOW AQUIFER NOT PRACTICAL IN IMMEDIATE FUTURE

- ROCKS FORMING THE RIDGES ARE INCLINED TOWARDS THE STUDY AREA RECHARGE STRUCTURES WOULD BE MOST EFFECTIVE ON OR CLOSE TO THE RIDGES.
- PERCHED SYSTEMS HAVE TRADITIONALLY BEEN A PART OF PEOPLES LIVES. NEED TO BE REVIVED
- WATER MANAGEMENT SYSTEMS ARE THE NEED OF THE HOUR. LOCAL GOVERNING BODIES NEED TO REGULATE USE OF GROUNDWATER AND SET PROTOCOLS FOR BEST PRACTICES







PGWM IN NORTH BIHAR

