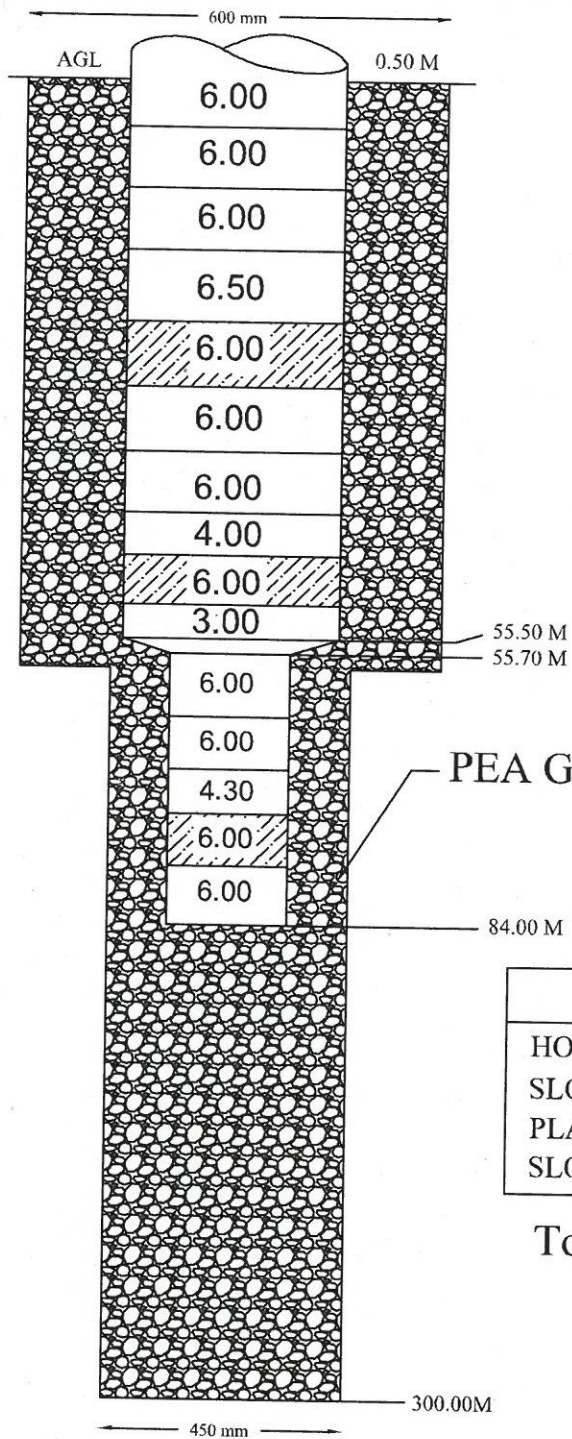


**ACTUAL T.W. ASSEMBLY CHART OF BHIRAURA & SARAI JUJHAR W/S SCHEME SULTANPUR
UNDER JAL JEEVAN MISSION : (BLOCK - PRATAPPUR KMAICHA)**



Bore size - 600 mm X 450 mm
 T.W. Assy - 300 mm X 150 mm
 Discharge - 650 LPM
 LOGGING DATE: 27/04/2023
 LOWERING DATE: 28/04/2023

Logging Report :

S.NO	Depth Range From M.B.G.L.	Depth Range M.B.G.L.	Thickness Mtr.	Quality of Aquifer Water
01	15	19	04	Good
02	24	31	07	Good
03	46	53	07	Good
04	72	72	06	Good

PIPE DETAIL	
HOUSING PLAIN PIPE@300MM	=44.00 M
SLOTTED PIPE@300MM	=12.00 M
PLAIN PIPE@150MM	=22.30 M
SLOTTED PIPE@150MM	= 6.00 M

Total = 84.00 + 0.50 (AGL)
 =84.50 M



[Signature]
 JUNIOR ENGINEER

[Signature]
 ASSISTANT ENGINEER

[Signature]
 EXECUTIVE ENGINEER

JUNIOR ENGINEER
 DIVISION OFFICE (E/M)
 U.P. JAL NIGAM (RURAL) AYODHYA

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 293

Dated: 27-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Sarai jujhar
Block: P. P. Kamaicha
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 26-04-2023
Drilling Depth: 270.0 m bgl
Logging Depth: 258.0 m bgl
Rm - 13.0 Ω m Rw - 12.0 Ω m

Borehole Drilled by: M/s VTL GAJA Engineering Ltd., Sultanpur, U.P.

Based on the interpretation of Self Potential (SP), Short Normal (N-16"), Long Normal (N-64") and Lateral 6' geophysical logs following informations/granular zones have been deciphered with respect to Salinity only:

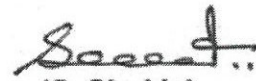
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	15 - 19	04	Good
2.	24 - 31	07	Good
3.	46 - 53	07	Good
4.	72 - 78	06	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

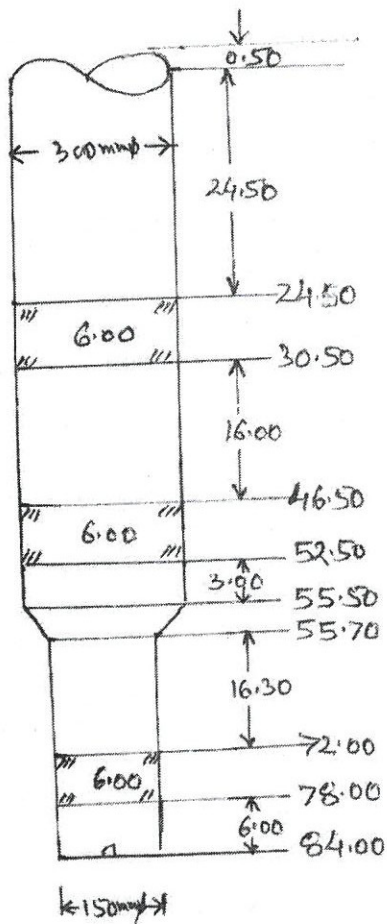
2. Quality of ground water is deteriorating Marginal to Saline below 92.0 m bgl to till depth logged.

3. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

Proposed TW Assembly chart at Sarai Jughas w/s scheme block Kamaicha
Distt. Sultanpur



1. Discharge 650 LPM
2. Motor HP 12.5 HP
3. Assembly size 300 x 150mm
4. Base $\phi = 600 \times 450$ mm
5. Logging Report dt-26-4-23

- 1- 15-19=4
- 2- 24-31=7
- 3- 46-53=7
- 4- 72-78=6

marginal to saline below
92mtr bgl to till logged depth
258mtr bgl