

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-22-23:LS:1K- 568

Dated: 21-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Bhelara
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 20-02-2023
Drilling Depth: 275.0 m bgl
Logging Depth: 282.0 m bgl 252
Rm - 18.0 Qm Rw - 16.0 Qm

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

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.	20 - 24	04	Good
2.	38 - 48	10	Good
3.	56 - 59	03	Good
4.	71 - 77	06	Good
5.	82 - 92	10	Good
6.	96 - 106	10	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 114.0 m bgl to till depth logged.
3. Please ensure pre-monsoon water level before lower the well assembly.

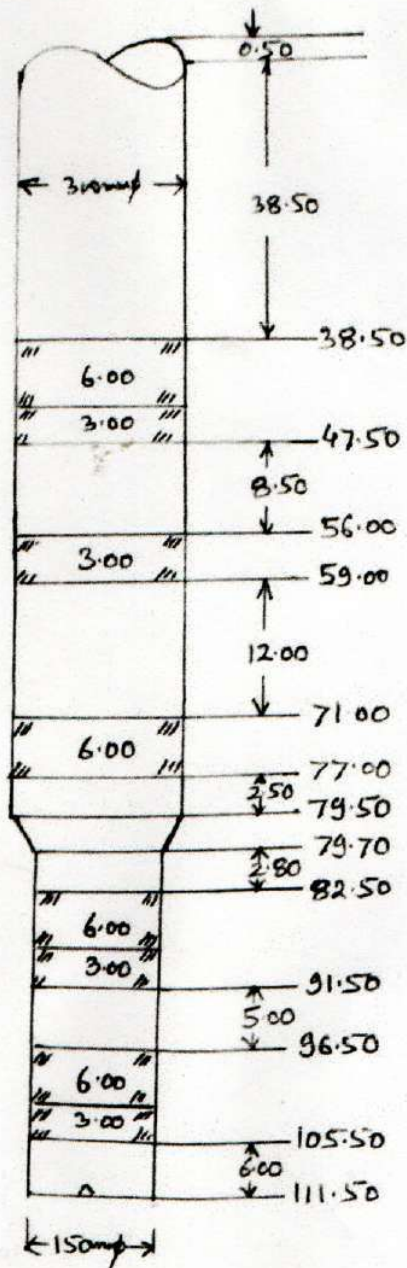
*Verified as per
logs provided.*

*GSh
20/02/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

proposed TW Assembly chart of Bhelara w/s scheme block Akhand Nagar Distt
Sultanpur



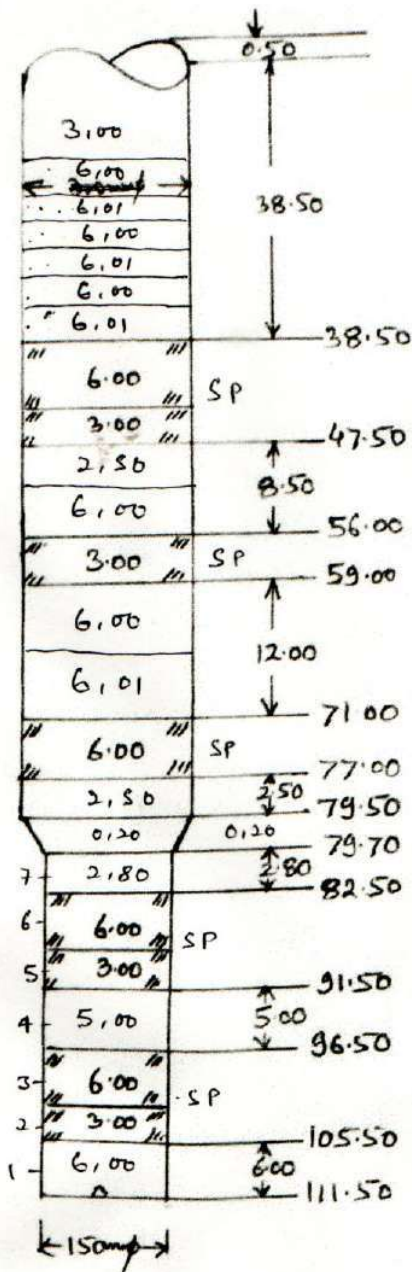
- 1- Discharge 950 LPM
- 2- Motor HP = 17.5 HP
- 3- Assembly size = 300 X 1500
- 4- Bore ϕ = 600 X 450 mm
- 5- Logging Report dt-2023

- 1- 20 - 24 = 4
- 2- 38 - 48 = 10 - 9
- 3- 56 - 59 = 3 - 3
- 4- 71 - 77 = 6 - 6
- 5- 82 - 92 = 10 - 9
- 6- 96 - 106 = 10 - 9

Note:- Water is deteriorating
marginal to saline below
114 m bgl totilled logged 252 m bgl

BHELARA

proposed TW Assembly chart of Bhelara w/s scheme block Akhand Nagar Dist
Sultanpur



- 1- Discharge 950 LPM
- 2- Motor HP = 17.5 HP
- 3- Assembly size = 300 X 150
- 4- Base ϕ = 1600 X 50mm
- 5- Logging Report dt-2023

- 1- 20-24=4
- 2- 38-48=10-9
- 3- 56-59=3-3
- 4- 71-77=6-6
- 5- 82-92=10-9
- 6- 96-106=10-9

Note:- Water is deteriorating
marginal to saline below
114 mbl to tilted logged 252
mbl