

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- 316

Dated: 25-01-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Mirzapur**
Block: **Fatehpur**
District: **Barabanki**
State: **Uttar Pradesh**
Date of Logging: **25-01-2023**
Drilling Depth: **165.0 m bgl**
Logging Depth: **146.0 m bgl**

Borehole Drilled by: **M/s PNC Infratech Ltd., Barabanki, Uttar Pradesh.**

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.	26 – 33	07	Good
2.	40 – 50	10	Good
3.	56 – 63	07	Good
4.	74 – 81	07	Good
5.	95 – 99	04	Good
6.	106 – 110	04	Good
7.	114 – 132	18	Good

Note: 1. Zone Sl. No. 2 is highly intermixed with fine bands of Kankar.

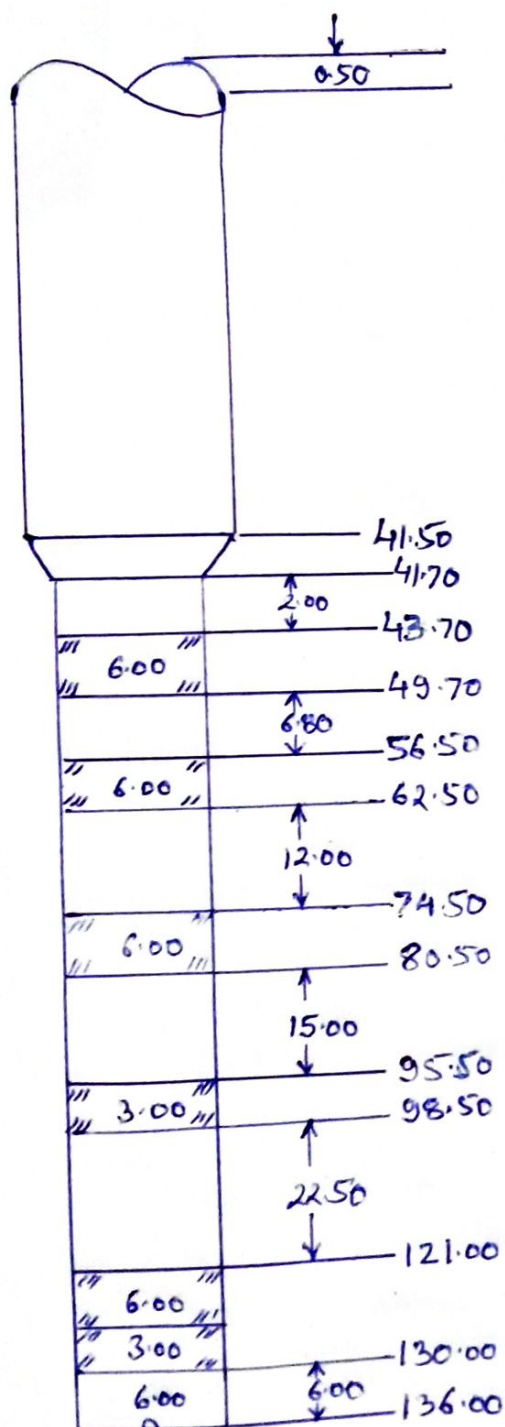
2. Zone Sl. No. 6 is highly intermixed with Kankar.

For Geo Instruments & Technic's


(S. Shukla)

*Verified as per
logs provided.
G.S.
26/01/23*

proposed Tw Assembly chart of Mirzapur w/s scheme block-Fatehpur
Distt-Bazabanki



- 1- Discharge = 980 LPM
- 2- Motor HP = 17.5 HP
- 3- Assembly size = 300 x 150 mm
- 4- Bore ϕ = 600 x 450 mm
- 5- Logging Report # 25-1-23

- 1- 26-33 = 07
- 2- 40-50 = 10 - 6
- 3- 56-63 = 07 - 6
- 4- 74-81 = 07 - 6
- 5- 95-99 = 04 - 3
- 6- 106-110 = 04 - 3
- 7- 114-132 = 18 - 69