

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- 712
 Dated: 06-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Gandhapa
 Block: Bara Chaur
 District: Ghazipur
 State: Uttar Pradesh
 Date of Logging: 06-03-2023
 Drilling depth: 350.0 m bgl
 Logging Depth: 322.0 m bgl
 Rm - 15.0 Qm Rw - 13.5 Qm

Borehole Drilled by: M/s Zet Work, Ghazipur, Uttar Pradesh, 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 (meters)	Remarks (Quality of aquifer water)
1.	26 - 30	04	Good
2.	84 - 94	10	Good
3.	97 - 104	07	Good
4.	126 - 133	07	Good
5.	141 - 148	07	Good
6.	168 - 172	04	Good
7.	179 - 186	07	Good
8.	240 - 247	07	Good
9.	251 - 257	06	Good
10.	280 - 284	04	Good
11	305 - 309	04	Good
12	315 - 318	03	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the Zones.
 2. Zone Sl. No. 7, 8 & 9 are highly intermixed with fine bands of kankar.
 3. Quality of ground water is deteriorating Marginal to Saline in between 47.0 to 71.0 m bgl.
 4. Predominated Clay is present in depth range 71.0 to 81 m bgl.

Verified as per logs provided
 Note - Sr No 11 & 12 have finer sediments
 For Geo Instruments & Technic's
 S. Shukla
 (S. Shukla)
 G.S.H