

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:23-24:LS: 74

Dated: 23-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Pataya
Block: Pratappur
District: Prayagraj
State: Uttar Pradesh
Logging Depth: 167.0 m bgl
Date of logging: 21-04-2023
Rm - 23.0 Ω m Rw - 29.0 Ω m

Borehole Drilled by: M/s L & T Limited, Prayagraj, 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:

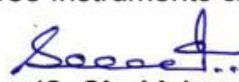
Sl. No.	Depth Range (m bgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	36 - 40	04	Good
2.	53 - 60	07	Good
3.	64 - 73	09	Good
4.	78 - 82	04	Good
5.	92 - 96	04	Good
6.	100 - 104	04	Good
7.	113 - 122	09	Good
8.	126 - 130	04	Good
9.	144 - 148	04	Good
10.	156 - 160	04	Good
11.	164 - 167	03	Good

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

2. Zone Sl. No. 2, 5, 6 and 7 are highly intermixed with fine bands of kankar.

Verified as per logs provided
Note - S.No 9, 11 have finer sediments

For Geo Instruments & Technic's


(S. Shukla)

9.2h
24/04/23