

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

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

Ref:GIT:UP: PJM:22-23:LS: 170
Dated: 15-05-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Rampur Phuphaon
Block: Jamania
District: Ghazipur
State: Uttar Pradesh
Date of Logging: 14-05-2022
Drilling depth: 205.0 m bgl
Logging Depth: 193.0 m bgl
Rm - 07.0 Ω m Rw - 06.0 Ω m (Polluted Pond water used for Drilling)

Borehole Drilled by: L & T Limited, 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.	36 - 41	05	Good
2.	52 - 60	08	Good
3.	73 - 85	12	Good
④	93 - 100	07	Good
5.	107 - 114	07	Good
6.	130 - 137	07	Good
7.	153 - 163	10	Good
8.	170 - 177	07	Good
9.	190 - 193	03	Good

Note: 1. Zones Sl. No.1 to 4 and 6 are Fine to Medium Sand in nature.
2. Fine bands of Kankar are intermixed almost all the Zones.
3. Good Clays in depth Range: 69-72 & 88-92 m bgl.

*Verified as per logs provided.
Note - Sr. No. 4 - fine siltstone
G.S.
16/5/22*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)