

INSTRUMENTS & TECHNIC'S

Division of Geophysical Exploration and Instrumentation)

aler : Upton Borehole logging system. UPTRON INDIA LTD., LUCKNOW

IT. UP. PJM. 23-24 LS 272
1 25-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Alimuddinpur & Narwari Badganw
Block: Akhand Nagar
District: Sultanpur
State: Uttar Pradesh
Date of Logging: 24-04-2023
Drilling Depth: 275.0 m bgl
Logging Depth: 264.0 m bgl
Rm - 12.0 Ωm Rw - 14.0 Ωm

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

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.	29 - 36	07	Good
2.	40 - 44	04	Good
3.	62 - 68	06	Good
4.	71 - 75	04	Good
5.	87 - 91	04	Good
6.	94 - 101	07	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 108.0 m bgl to till depth logged.

Verified as per
logs provided

Note Sr NO 3-
63-67 (4m)

(S. Shukla)

GSh
26/04/23