



Tele Fax : +91-0522-246-5512(O)
Mob. : + 91 - 9415141232, 9554034123
E-mail : geo.instrument@outlook.com

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: 525-A

Dated: 06-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Barehara - Relogging
Block: Nautanwa
District: Maharajganj
State: Uttar Pradesh
Drilling Depth: 250.0 m bgl
Logging Depth: 242.0 m bgl
Date of logging: 10-09-2022
Rm - 19.0 Ω m Rw - 15.0 Ω m

Borehole Drilled by: M/S JMC India Limited, Maharajganj, 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.	30 - 33	03	Good
2.	44 - 50	06	Good
3.	55 - 62	07	Good
4.	91 - 95	04	Good
5.	114 - 117	03	Good
6.	153 - 156	03	Good
7.	165 - 169	04	Good
8.	180 - 184	04	Good
9.	230 ³³⁰ - 334 ²³⁴	04	Good

Note: Fine Bands of Kankar are intermixed with almost all the Zones.

Verified as per logs provided.
Note: Sr No 6 - way (3m).
Consider as 154 - 157
Sr No - 8 have finer sediments bands.

For Geo Instruments & Technic's

(S. Shukla)

2.6
ASSISTANT HYDROGEOLOGIST
CIRCLE OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
BENIACRAJ