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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:24-25:LS: 91

Dated: 17-06-2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Panah Nagar
Block: Kunda
District: Pratapgarh
State: Uttar Pradesh
Date of Logging: 17-06-2024
Logging Depth: 247.0 m bgl
Rm – 18.0 Ω m Rw – 16.0 Ω m
Latitude: 25.733725 Longitude: 81.476811

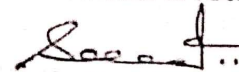
Borehole Drilled by: M/s Power Mech Project Limited, Pratapgarh, U. P.

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.	17 – 21	04	Good
2.	31 – 38	07	Good
3.	41 – 44	03	Good
4.	65 – 69	04	Good
5.	84 – 88	04	Good
6.	102 – 109	07	Good
7.	116 – 123	07	Good
8.	128 – 131	03	Good
9.	152 – 156	04	Good
10.	161 – 165	04	Good
11.	174 – 180	06	Good
12.	190 – 196	06	Good

- Note: 1. Fine bands of kankar are intermixed with almost all the zones.
2. Zone Sl. No. 5 is highly intermixed with kankar.
3. Zone Sl. No. 11 is highly intermixed with fine bands of kankar.
4. Quality of ground water is deteriorating marginal to saline below 210.0 m bgl to till depth logged.
5. Please ensure pre-monsoon water level before lower the well assembly.

For Geo Instruments & Technic's


(S. Shukla)

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