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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: P&M:22-23:LS: 275
 Dated: 18-02-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Chausa 1
 Block: Kunda
 District: Pratapgarh
 State: Uttar Pradesh
 Date of Logging: 16-02-2023
 Drilling Depth: 236.0 m bgl
 Rm - 16.0 Cm Rw - 14.0 Cm

Borehole Drilled by: M/s Power Mech Project Ltd. 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.	47 - 54	07	Good
2.	59 - 66	07	Good
3.	70 - 77	07	Good
4.	86 - 90	04	Good
5.	93 - 100	07	Good
6.	104 - 111	07	Good
7.	120 - 127	07	Good
8.	142 - 146	04	Good
9.	148 - 155	07	Good
10.	164 - 168	04	Good
11.	170 - 177	07	Good
12.	180 - 184	03	Good
13.	186 - 189	03	Good
14.	230 - 236	06	Good

- Note: 1. Zone Sl. No. 3, 4 & 14 are highly intermixed with fine bands of kankar.
 2. Zone Sl. No. 8 is highly kankar intermixed.
 3. Quality of ground water is deteriorating Marginal to Saline in between 194.0 to 226.0 m bgl.
 4. Predominated Clay is present in depth range 226.0 to 230.0 m bgl.

Verified as per logs provided.
 Note: Sr No 10 - 165-168 (3m)
 Sr No 12 - 181-184 (3m)

For Geo Instruments & Technic's

S. Shukla
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