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GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

les & Service Dealer : Upron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 1K17
Dated: 25-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Achkamau
Block: Siddhaur
District: Barabanki
State: Uttar Pradesh
Drilling Depth: 170.0 m bgl
Logging Depth: ~~155.0~~ 168 m bgl
Date of logging: 24-12-2022
Rm - 20.0 Ω m Rw - 18.0 Ω m

Borehole Drilled by: M/s Megha Engineering & Infrastructure Limited,
Barabanki, 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.	25 - 35	10	Good
2.	41 - 47	06	Good
3.	52 - 56	04	Good
4.	61 - 64	03	Good
5.	86 - 90	04	Good
6.	94 - 98	04	Good
7	107 - 111	04	Good

Note: 1. Zone Sl. No. 4 is fine sand in Nature.

2. Zones Sl. No. 5 & 6 are Fine to Medium sand in Nature.

3. Quality of Ground water is Deteriorating Marginal to Saline below 128.0 m bgl to till depth Logged.

Verified as per logs provided
G. Sh
26/12/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)