

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

Sales & Service Dealer : Upton Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref:GIT:UP: PJM:22-23:LS: 568

Dated: 22-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: Tusaari
 Block: Jalalpur
 District: Jaunpur
 State: Uttar Pradesh
 Date of Logging: 22-09-2022
 Drilling Depth: 314.0 m bgl
 Logging Depth: 302.0 m bgl
 Rm - 21.0 m Rw - 50.0 m

Borehole Drilled by: M/s Afcons infrastructure Ltd., Jaunpur, 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.	21 - 25	04	Good
2.	40 - 46	06	Moderated to Marginal
3.	131 - 141	10	Moderate
4.	158 - 162	04	Good
5.	168 - 174	06	Good
6.	224 - 232	08	Good
7.	237 - 240	03	Good
8.	254 - 258	04	Good
9.	266 - 274	08	Moderate to Marginal

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.

2. Zone Sl. No. 4, 5 and 9 are highly intermixed with Fine bands of Kankar.

3. Clay and Kankar intercalation is present in depth range 108.0 to 128.0 m bgl.

4. Predominated Clay is present in depth range 148.0 to 153.0 m bgl.

5. Quality of Ground Water is deteriorating in between 72.0 to 108.0 m bgl and deteriorating Marginal to Saline below 286.0 m bgl to till depth Logged.

6. Please ensure the pre-monsoon water level before lower the well Assembly.

Verified as per
logs provided

G.S.H.
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For Geo Instruments & Technic's

S. Shukla
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