

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref.GIT:UP: PJM:22-23:LS: 259

Dated: 04-06-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Diyara**
Block: **Motigarpur**
District: **Sultanpur**
State: **Uttar Pradesh**
Date of Logging: **04-06-2022**
Drilling Depth: **170.0 m bgl**
Logging Depth: **165.0 m bgl**
Rm - **12.5 Ω m** Rw - **17.0 Ω m**

Borehole Drilled by: **Gayatri Projects Limited, Sultanpur, 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 - 29	04	Good
2.	32 - 43	11	Good
3.	51 - 55	04	Good
4.	57 - 60	03	Good
5.	80 - 89	09	Good to Moderate

Note: 1. Quality of Ground Water is deteriorating marginal to Saline below 101.0 m bgl to till depth Logged.

Verified as per logs provided.

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For Geo Instruments & Technic's

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