

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:21-22:LS: 113

Dated: 15-02-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Gambhira**
Block: **Mandhata**
District: **Pratapgarh**
State: **Uttar Pradesh**
Drilling Depth: **330.0 m bgl**
Logging Depth: **320.0 m bgl**
Date of logging: **14-02-2022**
Rm -12.0 Ω m Rw - 11.0 Ω m

Borehole Drilled by: **M/s JMC India Limited, Pratapgarh, 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:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	15 - 25	10	Good
2.	112 - 125	13	Moderate
3.	141 - 150	09	Good
4.	155 - 160	05	Good
5.	164 - 168	04	Good
6.	172 - 176	04	Good
7.	188 - 201	13	Good
8.	205 - 209	04	Good
9.	215 - 218	03	Good
10.	225 - 230	05	Good
11.	241 - 245	04	Good to moderate

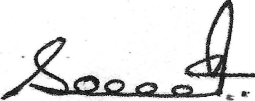
Note: ~~1.~~ Zones Sl. No.4 and 11 are Fine Sand in nature.

~~2.~~ Fine bands of Kankar are intermixed with Zones Sl. No.7 to 10.

~~3.~~ Quality of Ground Water is deteriorating marginal to Saline in between 30.0 to 102.0 m bgl and below 253.0 m bgl to till depth logged

Verified as per logs provided.

For Geo Instruments & Technic's


(S. Shukla)

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