

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Exploration and Instrumentation)

es & Service Dealer : Uptron Borehole logging system, UPTRON INDIA LTD., LUCKNOW

Ref GIT:UP: PJM 21-22:LS: 140

Dated: 19-09-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kotwa Shukulpur**
Block: **Laxmanpur**
District: **Pratapgarh**
State: **Uttar Pradesh**
Logging Depth: **300.0 m bgl 310 m bgl.**
Date of logging: **19-09-2022**
Rm - **14.0 Ω m** Rw - **15.0 Ω m**

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

Based on the interpretation of **Self Potential (SP)**, **Short Normal (N-16")**, **Long Normal (N-64")** and **Lateral (L-6')** geophysical logs following informations/granular zones have been deciphered with respect to **Salinity** only:

Sl. No.	Depth Range (mbgl)	Thickness (meter)	Remark (Quality of Aquifer Water)
1.	30 - 34	04	Good
2.	40 - 45	05	Good
3.	50 - 54	04	Good

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

~~2.~~ Quality of Ground Water is deteriorating Marginal to Saline below 95.0 m bgl to till depth Logged.

~~3.~~ Predominated clay is present in between 62.0 to 82.0 m bgl.

~~4.~~ Please ensure the pre-monsoon water level before lower the well Assembly.

Verified as per logs provided.

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G.S.B.
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