

GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS: 868

Dated: 08-12-2022

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Dwarikapur**
Block: **Mawai**
District: **Ayodhya**
State: **Uttar Pradesh**
Date of Logging: **05-12-2022**
Drilling Depth: **137.0 m bgl**
Logging Depth: **120.0 m bgl**
Rm - ~~25.0 Ωm~~ Rw - ~~27.5 Ωm~~

Borehole Drilled by: M/s **Universal MEP Project & Er. Services Limited, Ayodhya, 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.	20 - 24	04	Good
2.	30 - 34	04	Good
3.	36 - 40	04	Good
4.	46 - 50	04	Good
5.	55 - 62	07	Good
6.	66 - 70	04	Good
7.	84 - 90	06	Good
8.	93 - 97	04	Good
9.	105 - 115	10	Good

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

Verified as per logs provided
G.Sh
08/12/22

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)