

# GEO INSTRUMENTS & TECHNIC'S

(A Division of Geophysical Instrumentation and Exploration)

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

Ref:GIT:UP: PJM:22-23:LS:1K-204

Dated: 14-01-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Oharamau**  
Block: **Mawai**  
District: **Ayodhya**  
State: **Uttar Pradesh**  
Date of Logging: **14-01-2023**  
Drilling Depth: **176.0 m bgl**  
Logging Depth: **158.0 m bgl**  
Rm - ~~23.0 m~~ Rw - ~~20.0 m~~

Borehole Drilled by: M/s **Universal MEP Project & Er. Services Ltd.,**  
**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)
<del>1.</del>	20 - 24	04	Good
<del>2.</del>	27 - 31	04	Good
<del>3.</del>	36 - 42	06	Good
<del>4.</del>	45 - 52	07	Good
<del>5.</del>	56 - 60	04	Good
<del>6.</del>	66 - 80	14	Good
<del>7.</del>	85 - 94	09	Good
<del>8.</del>	103 - 107	04	Good
<del>9.</del>	110 - 116	06	Good
<del>10.</del>	122 - 125	03	Good

Note: 1. **Fine bands of Kankar are intermixed with almost all the Zones.**  
2. **Zone Sl. No. 6 & 7 are highly intermixed with thin bands of kankar.**

*Verified as per logs provided.*  
*Note - S.No. 9*  
*111-116 (5m)*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.H.*  
*16/01/23*