

# 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:23-24:LS: 256

Dated: 23-04-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ekdagwa Mushtakam**  
Block: **Domariyaganj**  
District: **Siddharth Nagar**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **168.0 m bgl**  
Date of logging: **22-04-2023**  
Rm - **23.0  $\Omega$ m** Rw - **19.0  $\Omega$ m**

Borehole Drilled by: M/s **Megha Engineering & Infrastructure Ltd.,**  
**Siddharth Nagar, U. P.**

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>	25 - 28	03	Good
<del>2.</del>	31 - 38	07	Good
<del>3.</del>	46 - 50	04	Good
<del>4.</del>	55 - 62	07	Good
<del>5.</del>	65 - 69	04	Good
<del>6.</del>	94 - 97	03	Good
<del>7.</del>	112 - 116	04	Good
<del>8.</del>	120 - 127	07	Good
<del>9.</del>	137 - 144	07	Good
<del>10.</del>	150 - 157	07	Good
11.	165 - 168	03	Good

Note: ~~1.~~ Zones Sl. No. 5, 7 & 9 are highly intermixed with fine bands of kankar.

~~2.~~ Fine bands of kankar are intermixed with almost all the zones.

*Verified as per logs provided*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)

*G.S.H.*  
*23/04/23*

