

# 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:22-23:LS:1K- **707**  
Dated: 05-03-2023

## GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Ghanwariya**  
Block: **Itwa**  
District: **Siddarth Nager**  
State: **Uttar Pradesh**  
Drilling Depth: **170.0 m bgl**  
Logging Depth: **165.0 m bgl**  
Date of logging: **05-03-2023**  
Rm – **21.0  $\Omega$ m** Rw – **22.0  $\Omega$ m**

Borehole Drilled by: M/s **MEIL, Siddarth Nager, 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>	25 – 28	03	Good
<del>2.</del>	30 – 37	07	Good
<del>3.</del>	40 – 44	04	Good
<del>4.</del>	57 – 64	07	Good
<del>5.</del>	67 – 74	07	Good
<del>6.</del>	77 – 87	10	Good
<del>7.</del>	91 – 104	13	Good
<del>8.</del>	110 – 116	06	Good
<del>9.</del>	124 – 134	10	Good
<del>10.</del>	144 – 148	04	Good
<del>11.</del>	152 – 159	07	Good

Note: 1. Fine bands of Kankar are intermixed with almost all the Zones.  
2. Zone Sl. No. 7 & 9 are highly intermixed with fine bands of kankar.

*Verified as per logs provided.*  
*G.P.*

For Geo Instruments & Technic's

*S. Shukla*  
(S. Shukla)



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Jeevan Mission

Cover Agreement No. :-

Name of District:- Siddharthnagar

Block Name:- Ihua

Scheme Name:- Ganawariya

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.50 M
				200 x150mm reducer from 35.50 M to 35.70 M
				150mm dia plain pipe from 35.70 M to 77.86 M
				150mm dia slotted pipe from 77.86 M to 83.86 M
				150mm dia plain pipe from 83.86 M to 95.87 M
				150mm dia slotted pipe from 95.87 M to 101.87 M
				150mm dia plain pipe from 101.87 M to 125.91 M
				150mm dia slotted pipe from 125.91 M to 131.91 M
				150mm dia plain pipe from 131.91 M to 137.91 M
				Total Assembly- 137.91 M +AGL 0.5= 138.41M
				ABSTRACT
				Date of Lowering-
				LPM- 350L/M
				Drilling Depth- 165.0 M
				Assembly Lowered- 138.41M
				Housing Pipe- 36.6 M
				Plain Pipe- 84.21 M
				Slotted Pipe- 18.0 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 05.03.2023
				Logging Depth- 165.0
				25-28 = 03
				30-37 = 07
				40-44 = 4
				57-64 = 7
				67-74 = 7
				77-87 = 10
				91-104 = 13
				110-116 = 06
				124-134 = 10
				144-148 = 4
				152-159 = 7

MEIL

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J.E.

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VOID

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