

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: 78

Dated: 08-04-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Sekhu Senapati**
Block: **Bhanwapur**
District: **Siddarth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **170.0 m bgl**
Logging Depth: **168.0 m bgl**
Date of logging: **07-04-2023**
Rm - **11.0 Qm** Rw - **21.0 Qm**

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

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.	28 - 34	06	Good
3.	37 - 40	03	Good
4.	55 - 59	04	Good
5.	65 - 71	06	Good
6.	83 - 87	04	Good
7.	90 - 97	07	Good
8.	108 - 112	04	Good
9.	116 - 123	07	Good
10.	126 - 133	07	Good
11.	141 - 154	13	Good
12.	163 - 167	04	Good

Note: 1. Fine bands of kankar are intermixed with almost all the zones.

2. Zone Sl. No. 8 & 12 are highly intermixed with fine bands of kankar.

Verified aster logs provided

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)

G&H
10/04/23



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)



Har Ghar Jal Jal Jeevan Mission

STRATA CHART

Cover Agreement No. :-

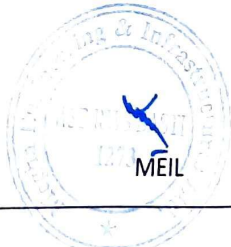
Name of District:- Siddharth Nagar

Block Name:- Bhanwapur

Scheme Name:- Sekhri Senapati w.s.s.

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
20.0		CLAY	6.01 6.01 6.00 6.00 6.00 6.00	200 mm Dia housing pipe to 35.52M 200 x150mm reducer from 35.52 M to 35.72M 150mm dia plain pipe from 35.72 M to 90.51 M 150mm dia slotted pipe from 90.51 M to 96.52 M 150mm dia plain pipe from 96.52 M to 116.52 M 150mm dia slotted pipe from 116.52 M to 122.52M 150mm dia plain pipe from 122.52 M to 128.52M 150mm dia slotted pipe from M to M 150mm dia plain pipe from M to M
24.0		Medium Sand	6.01	
28.0		CLAY MS	6.00	
34.0		CLAY	6.00	
37.0		MS	6.00	
40.0		CLAY	6.01	
55.0		M.S.	6.01	
59.0		CLAY	6.01	
65.0		M.S.	6.00	
71.0		CLAY	3.00	
83.0		M.S.	6.00	
87.0		CLAY	3.75	
90.0		M.S.	6.01	
97.0		CLAY	6.00	
108.0		M.S.	2.00	
112.0		CLAY	6.00	
116.0	M.S.	6.00		
123.0	CLAY	6.00		
126.0	M.S.	6.00		
133.0	CLAY	6.00		
141.0	M.S.			
154.0	CLAY			
163.0	Medium Sandy clay			
167.0				
<p>Total Assembly- 128.52 M+AGL 0.5= 129.02M</p>				<p>ABSTRACT</p> <p>Date of Lowering- 08.04.23 LPM- 150 Drilling Depth- M Assembly Lowered-129.02M Housing Pipe- 36.02 M Plain Pipe- 80.79 M Slotted Pipe- 12.01 M Reducer- 0.2 M</p> <p>LOGGING REPORT</p> <p>Date of Logging- 07-04-23 Logging Depth- 168</p> <p>20-24 = 04 28-34 = 6 37-40 = 3 55-59 = 4 65-71 = 6 83-87 = 4 90-97 = 7 108-112 = 4 116-123 = 7 126-133 = 7 141-154 = 13 163-167 = 4</p>



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A.E.

E.E.