

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- 824

Dated: 29-03-2023

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site: **Kathoutiya Ram**
Block: **Bhanwapur**
District: **Siddarth Nagar**
State: **Uttar Pradesh**
Drilling Depth: **173.0 m bgl**
Logging Depth: **173.0 m bgl**
Date of logging: **28-03-2023**
Rm - **14.0 Ω m** Rw - **12.0 Ω m**

Borehole Drilled by: M/s **Megha Engineering & Infrastructure Ltd., Siddharth 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.	26 - 36	10	Good
2.	42 - 39	07	Good
3.	60 - 73	13	Good
4.	78 - 85	07	Good
4.	98 - 105	07	Good
5.	113 - 120	07	Good
5.	124 - 128	04	Good
6.	134 - 137	04	Good
7.	143 - 147	04	Good
8.	150 - 163	13	Good

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

~~2.~~ Zones Sl. No. 2, 3, & 5 are highly Intermixed with fine bands of kankar.

Verified as per logs provided.

*G.Ch
29/03/23*

For Geo Instruments & Technic's

S. Shukla
(S. Shukla)



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDHARTH NAGAR)

STRATA CHART



Har Ghar Jal
Jal Jeevan Mission

Cover Agreement No. :-

Name of District:- Siddharthnagar

Block Name:- Bhanwarpur

Scheme Name:-

Name of Activity :- Kathodiya Ram

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			+0.5	200 mm Dia housing pipe to 35.53 M
			6.00	200 x150mm reducer from 35.53 M to 35.73 M
26.00		CLAY	6.00	150mm dia plain pipe from 35.73 M to 78.47 M
36.00		Medium Sand	6.00	150mm dia slotted pipe from 78.47 M to 84.48 M
		CLAY	6.01	150mm dia plain pipe from 84.48 M to 113.50 M
42.00		M.S.	6.01	150mm dia slotted pipe from 113.50 M to 119.51 M
		CLAY	6.01	150mm dia plain pipe from 119.51 M to 125.53 M
49.00		M.S.	6.00	150mm dia slotted pipe from M to M
		CLAY	6.01	150mm dia plain pipe from M to M
60.00		M.S.	6.00	
		CLAY	6.02	Total Assembly- 125.53 M+AGL 0.5=126.03 M
73.00		M.S.	3.00	
		CLAY	6.00	
78.00		M.S.	6.00	
		CLAY	3.10	
85.00		M.S.	6.01	
		CLAY	6.01	
98.00		M.S.	2.00	
		CLAY	6.01	
105.00		M.S.	6.00	
		CLAY	3.00	
113.00		M.S.	6.01	
		CLAY	6.02	
120.00		M.S.	6.02	
		CLAY	6.02	
124.00		M.S.	6.02	
		CLAY	6.02	
128.00		M.S.	6.02	
		CLAY	6.02	
134.00		M.S.	6.02	
		CLAY	6.02	
137.00		M.S.	6.02	
		CLAY	6.02	
143.00		M.S.	6.02	
		CLAY	6.02	
147.00		M.S.	6.02	
		CLAY	6.02	
150.00		M.S.	6.02	
		CLAY	6.02	
163.00		M.S.	6.02	
		CLAY	6.02	
173.00		M.S.	6.02	
		CLAY	6.02	

ASSEMBLY DETAILS

200 mm Dia housing pipe to 35.53 M

200 x150mm reducer from 35.53 M to 35.73 M

150mm dia plain pipe from 35.73 M to 78.47 M

150mm dia slotted pipe from 78.47 M to 84.48 M

150mm dia plain pipe from 84.48 M to 113.50 M

150mm dia slotted pipe from 113.50 M to 119.51 M

150mm dia plain pipe from 119.51 M to 125.53 M

150mm dia slotted pipe from M to M

150mm dia plain pipe from M to M

Total Assembly- 125.53 M+AGL 0.5=126.03 M

ABSTRACT

Date of Lowering- 04-04-23

LPM- 350

Drilling Depth- M

Assembly Lowered-126.03 M

Housing Pipe- 36.03 M

Plain Pipe- 77.78 M

Slotted Pipe- 12.02 M

Reducer- 0.2 M

LOGGING REPORT

Date of Logging- 31-03-2023

Logging Depth- 173.0

26-36 = 10

42-49 = 07

60-73 = 13

78-85 = 07

98-105 = 07

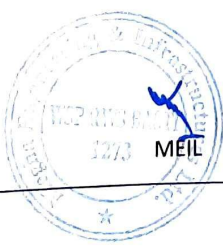
113-120 = 07

124-128 = 04

134-137 = 03

143-147 = 04

150-163 = 13



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A.E.

E.E.