



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 509 - R / AX - 2023 Date 09.05.2023

Geophysical Borehole Logging Report

Name of the site : Ramwapur , Block - Lotan
District : Siddharth Nagar
Date : 09.05.2023
Depth logged : ~~166.0~~ mbgl
Depth drilled : 170.0 mbgl - as reported
Logger use : Robertson ~~make~~
Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	26.0-32.0	6.0	Good all
2	48.0-51.0	3.0	
3	66.0-74.0	8.0	
4	84.0-88.0	4.0	
5	96.0-100.0	4.0	
6	118.0-128.0	10.0	
7	136.0-144.0	8.0	
8	152.0-156.0	4.0	

Note. All zones are intermixed with kankar.

Verified as per
logs provided

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad
G.S.H
10/05/23



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

PROPOSED STRATA CHART



Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Scheme Name:- **RAMWAPUR**

Name of Activity :- **LOWERING OF TUBEWELL**

Block Name:- **LOTAN**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
26-12			0.5M AGL	200 mm Dia housing pipe to 35.76 M
32-19		MEDIUM	6.04 6.06 6.03 6.03 6.05 6.05	200 x 150mm reducer from 35.76 M to 35.92 M
48-32		MEDIUM SAND	35.96	150mm dia plain pipe from 35.96 M to 66.52 M
51-21			6.02 6.02 6.01 6.01	150mm dia slotted pipe from 66.52 M to 72.52 M
66-27		MEDIUM SAND	3.50 3.00	150mm dia plain pipe from 72.52 M to 96.59 M
74-32			6.00	150mm dia slotted pipe from 96.59 M to 118.61 M
84-17		FINE SAND	66.52	150mm dia plain pipe from 118.61 M to 127.67 M
88-13			6.02 6.02 6.02 6.01	150mm dia slotted pipe from 127.67 M to 133.67 M
96-16		MEDIUM SAND	3.00	Total Assembly- 133.67 M+AGL 0.5= 134.17 M
100-22			6.01 6.01 4.00 3.00	ABSTRACT
118-32		MEDIUM SAND	118.61	Date of Lowering-
128-11			6.00	LPM-
136-26		FINE SAND	127.67	Drilling Depth- M
144-17			133.67 +0.50	Assembly Lowered- 134.17 M
152-31		MEDIUM SAND	134.17	Housing Pipe- 36.26 M
156-42				Plain Pipe- 94.53 M 79.65
166				Slotted Pipe- 18.06 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth-
				26-32 = 6
				48-51 = 3
				66-74 = 8
				84-88 = 4
				96-100 = 4
				118-128 = 10
				136-144 = 8
				152-156 = 4



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J.E.

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हायक अभियन्ता
कार्यालय (वि०/याँ०)
A.E.