



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:- SIDDHARTH NAGAR

Scheme Name:- SEMARI

Name of Activity :- LOWERING OF TUBEWELL

Block Name:- BIRDPUR

Depth B.G.L. Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.86 M
				200 x 150mm reducer from 35.86 M to 36.06 M
				150mm dia plain pipe from 36.06 M to 51.00 M
				150mm dia slotted pipe from 51.00 M to 56.00 M
				150mm dia plain pipe from 56.00 M to 74.97 M
				150mm dia slotted pipe from 74.97 M to 78.97 M
				150mm dia plain pipe from 78.97 M to 167 M
				150mm dia slotted pipe from 167 M to 179.10 M
				150mm dia plain pipe from 179.10 M to 185.13 M
				Total Assembly- 185.13 M + AGL 0.5 = 185.63 M
				ABSTRACT
				Date of Lowering- 27-06-2022
				LPM- 500 LPM
				Drilling Depth- 198 M
				Assembly Lowered- 185.63 M
				Housing Pipe- 36.36 M
				Plain Pipe- 127.97 M
				Slotted Pipe- 21.10 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging- 23-06-2022
				Logging Depth- 195 M
				28-32 = 4 M
				34-40 = 6 M
				50-57 = 7 M
				74-80 = 6 M
				88-92 = 4 M
				134-138 = 4 M
				150-154 = 4 M
				166-180 = 14 M
				192-195 = 3 M

MEIL

TPI

J.E.

A.E.

E.E.



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreelko@gmail.com

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

Ref. 623 - S / AX - 2022 Date 23.06.2022

Geophysical Borehole Logging Report

Name of the site : Semari, Block - Birdpur

District : Siddharth Nagar

Date : 23.06.2022

Depth logged : 195.0 mbgl

Depth drilled : 200.0 mbgl - as reported

Logged by : Aqua Xplore

Presence : Er. A. K. Maurya, J.E., Mr. Mubaraq Hussain, TPI & 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	28.0---32.0	4.0	Good all
2	34.0---40.0	6.0	
3	50.0---57.0	7.0	
4	74.0---80.0	6.0	
5	88.0---92.0	4.0	
6	134.0---138.0	4.0	
7	150.0---154.0	4.0	
8	166.0---180.0	14.0	
9	192.0---195.0	3.0	

Note. All zones are intermixed with kankar. Sl.Nos. 5,6 & 7 are fine sand.

[Signature]

for Aqua Xplore

Verified as per
logs provided.

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

ASSISTANT GEOLOGIST
23/06/22