



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 228001
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 722 - M / AX - 2022

Date 22.07.2022

Geophysical Borehole Logging Report

Name of the site : Marcha, Block – Bansi

District : Siddharth Nagar

Date : 22.07.2022

Depth logged : 170.0 mbgl

Depth drilled : 171.0 mbgl – as reported

Logger use : Robertson make

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	20.0–32.0	12.0	Good all
2	49.0–56.0	7.0	
3	66.0–70.0	4.0	
4	74.0–81.0	7.0	
5	84.0–104.0	20.0	
6	114.0–118.0	4.0	
7	125.0–130.0	5.0	
8	142.0–150.0	8.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 6 & 7 are fine sand.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

Verified as per
logs provided.

G.Sh
23/07/22.



Har Ghar Jal
Ek Jeevan Mission

Agreement No. :-

STRATA CHART

Name of District: Siddharthnagar

Scheme Name: mascha

Name of Activity: Borewell

Block Name: Bansi

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
20.0		clay	6.02	200 mm Dia housing pipe to 35.57M
32.02		medium sand	6.02	200 x150mm reducer from 35.57M to 35.77M
49.09		clay	6.00	150mm dia plain pipe from 35.77 M to 89.71M
56.40		medium sand to fine sand	5.99	150mm dia slotted pipe from 89.71 M to 101.73M
66.2		clay	6.02	150mm dia plain pipe from 101.73 M to 107.72M
70.04		medium sand	6.02	150mm dia slotted pipe from M to M
74.80		clay	35.77	150mm dia plain pipe from M to M
81.85		medium sand	6.00	150mm dia slotted pipe from M to M
84.01		clay	5.99	150mm dia plain pipe from M to M
104.09		medium sand	5.99	
114.09		clay	5.99	
118.06		medium sand to fine sand	5.98	
125.05		clay	5.99	
130.04		medium sand to fine sand	89.71	
142.02		clay	6.02	
150.01		medium sand to fine sand	6.00	
165.0		clay	6.00	
			101.73	
			107.72	
				ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.57M
				200 x150mm reducer from 35.57M to 35.77M
				150mm dia plain pipe from 35.77 M to 89.71M
				150mm dia slotted pipe from 89.71 M to 101.73M
				150mm dia plain pipe from 101.73 M to 107.72M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly- 107.72 M + AGL 0.5 = 108.22M
				ABSTRACT
				Date of Lowering- 26/09/22
				LPM- 400
				Drilling Depth- 165 M
				Assembly Lowered- 108.22M
				Housing Pipe- 36.07M
				Plain Pipe- 59.93 M
				Slotted Pipe- 12.02 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging- 26/09/2022
				Logging Depth- 165
				20.0 - 32.0 = 12
				49.0 - 56.0 = 7
				66.0 - 70.0 = 4
				74.0 - 81.0 = 7
				84.0 - 104.0 = 20
				114.0 - 118.0 = 4
				125.0 - 130.0 = 5
				142.0 - 150.0 = 8



TPI

J.E.

A.E.

E.E.