

Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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

Ref. 729 - A / AX - 2022 Date 29.07.2022

Geophysical Borehole Logging Report

Name of the site : Agya, Block – Domariyaganj

District : Siddharth Nagar

Date : 29.07.2022

Depth logged : 165.0 mbgl

Depth drilled : 167.0 mbgl

Logger used : Robertson make

Presence : Er.A.K.Maurya, J.E., 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	12.0—22.0	10.0	Good all
2	42.0—66.0	24.0	
3	75.0—82.0	7.0	
4	84.0—88.0	4.0	
5	91.0—98.0	7.0	
6	103.0—107.0	4.0	
7	116.0—128.0	12.0	
8	136.0—144.0	8.0	
9	159.0—165.0	6.0	

Note. All zones are intermixed with fine bands of kankar.

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

for Aqua Xplore

Dev
Verified as per
logs provided.

Crish
20/07/2022
HYDROGEOLOGIST
FIELD OFFICE (E/M)
U.P. JAL NIGAM (RURAL)
FRIDAYRAJ



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. :-

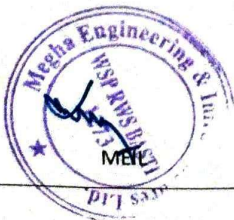
Name of District:-

Scheme Name:- Agaya

Name of Activity :-

Block Name:-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
12.0		CLAY	6.00	200 mm Dia housing pipe to 35.56 M
22.0		medium sand	6.00	200 x 150mm reducer from 35.56 M to 35.76 M
			6.01	150mm dia plain pipe from 35.76 M to 91.49 M
			6.02	150mm dia slotted pipe from 91.49 M to 97.51 M
		CLAY	6.03	150mm dia plain pipe from 97.51 M to 121.05 M
			6.00	150mm dia slotted pipe from 121.05 M to 127.06 M
			6.01	150mm dia plain pipe from 127.06 M to 131.48 M
42.0		medium sand	6.01	150mm dia slotted pipe from M to M
			6.01	150mm dia plain pipe from M to M
66.0		CLAY	6.02	
			6.02	Total Assembly- 131.48 M + AGL 0.5 = 131.98 M
75.0		Medium sand	6.01	
82.0		CLAY	1.60	
84.0		Medium Sand	6.02	
88.0		CLAY	6.02	Date of Lowering-
91.0		medium sand	6.02	LPM- 300 LPM
98.0		CLAY	6.01	Drilling Depth- 165.154 M
103.0		Medium sand	6.01	Assembly Lowered- 131.48 M
107.0		CLAY	6.02	Housing Pipe- 36.56 M
116.0		Medium Sand	5.50	Plain Pipe- 83.69 M
128.0		CLAY	6.01	Slotted Pipe- 12.03 M
			6.01	Reducer- 0.2 M
			4.42	
			131.48	
136.0		Medium Sand		LOGGING REPORT
144.0		CLAY		Date of Logging-
159.0		Medium Sand		Logging Depth- 165
165.0				12.0 - 22.0 = 10.0
				42.0 - 66.0 = 24.0
				75.0 - 82.0 = 7.0
				84.0 - 88.0 = 4.0
				91.0 - 98.0 = 7.0
				103.0 - 107.0 = 4.0
				116.0 - 128.0 = 12.0
				136.0 - 144.0 = 8.0
				159.0 - 165.0 = 6.0



TPI

J.E.

A.E.

E.E.