



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 1019 - P / AX - 2022

Date 19.10.2022

## Geophysical Borehole Logging Report

19/12/22

Name of the site : Parsiya First Deep, Block - Bansi

District : Siddharth Nagar

Date : 19.10.2022

Depth logged : 176.0 mbgl

185 40 40

60 60

58.90 52.13

Depth drilled : 185.0 mbgl - as reported

85 65

Logger use : UPTRON 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
<del>1</del>	25.0-32.0	7.0	Good all
<del>2</del>	44.0-48.0	4.0	
<del>3</del>	50.0-55.0	5.0	
④	71.0-75.0	4.0	
⑤	80.0-84.0	4.0	
⑥	116.0-121.0	5.0	
<del>7</del>	134.0-151.0	17.0	
<del>8</del>	162.0-175.0	13.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 4,5 & 6 are very fine sand. Sl. No. 8 is highly kankar intermixed

Verified as per logs provided.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

G.S.P.  
ASSISTANT HYDROGEOLOGIST  
19/10/22  
U.P. JAL NIGAM (RURAL)



er Agreement No. :-

me of District:- SIDDHARTH NAGAR

Block Name:- BANSI

cheme Name:- PARSIYA FIRST

Name of Activity :- LOWERING OF TUBEWELL ASSEMBLY.

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				300 mm Dia housing pipe to 35.70 M
				300 x150mm reducer from 35.70 M to 35.90 M
25.11		CLAY	6.01	150mm dia plain pipe from 35.90 M to 135.14 M
			6.02	150mm dia slotted pipe from 135.14 M to 150.18 M
			6.05	150mm dia plain pipe from 150.18 M to 162.25 M
			6.05	150mm dia slotted pipe from 162.25 M to 171.29 M
32.03		MEDIUM SAND	6.03	150mm dia plain pipe from 171.29 M to 175.49 M
			6.03	150mm dia slotted pipe from M to M
			6.03	150mm dia plain pipe from M to M
44.16		CLAY	6.02	
			6.02	
48.05		MEDIUM SAND	6.02	
			6.02	
50.03		FINE SAND	6.02	
			6.02	
54.94		CLAY	6.01	
			6.01	
71.11		FINE SAND	6.01	
			6.01	
75.07		CLAY	6.00	
			6.00	
80.05		FINE SAND	6.00	
			6.00	
84.17		CLAY	6.00	
			6.00	
			6.00	
			6.00	
			6.03	
			3.00	
116.10		FINE SAND		
121.02		CLAY		
134.06		MEDIUM SAND	6.02	
			6.02	
			3.00	
151.02		CLAY	6.07	
			6.00	
162.11		MEDIUM SAND	6.04	
			3.00	
175		CLAY	4.20	
			□	
			175.49	
				Total Assembly- 175.49 M+AGL 0.5= 175.99 M
				<b>ABSTRACT</b>
				Date of Lowering-
				LPM- 650 LPM
				Drilling Depth- M
				Assembly Lowered- 175.99 M
				Housing Pipe- 36.20 M
				Plain Pipe- 115.51 M
				Slotted Pipe- 24.08 M
				Reducer- 0.20 M
				<b>LOGGING REPORT</b>
				Date of Logging-
				Logging Depth-
				25-32 = 7
				44-48 = 4
				50-55 = 5
				71-75 = 4
				80-84 = 4
				116-121 = 5
				134-151 = 17
				162-175 = 13



TPI

Ah  
J.E.

सहायक अभियन्ता  
A.E.  
खण्ड कार्यालय (वि०/याँ०)  
उ० प्र० जल निगम (ग्रामीण)  
गोरखपुर

E.E.