



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 804 - M / AX - 2022

Date 04.08.2022

Geophysical Borehole Logging Report

Name of the site : Manjhari, Block - Bansri

District : Siddharth Nagar

Date : 04.08.2022

Depth logged : 165.0 mbgl

Depth drilled : 166.0 mbgl - as reported

Logger use : 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	23.0-33.0	10.0	Good all
2	36.0-50.0	14.0	
3	54.0-72.0	18.0	
4	91.0-95.0	4.0	
5	98.0-102.0	4.0	
6	110.0-120.0	10.0	
7	132.0-139.0	7.0	
8	143.0-160.0	17.0	

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

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

for Aqua Xplore

Verified as per
logs provided.
Note: Sr No 3 may
consider as 54-58 (2
62-72 (10m)

and

G. S.
05/08/22
ASSISTANT HYDROGEOLOGICAL
OFFICE (E
U.P. WATER
PRAKASH



Agreement No. :-

Name of District:- Siddharth nagar

Scheme Name:- manjhasi

Name of Activity:- Borewell

Block Name:- Bauli

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
23.81		clay	6.22	200 mm Dia housing pipe to 37.85M
33.04		medium sand	6.43	200 x150mm reducer from 37.85 M to 38.05 M
36.08		clay	6.43	150mm dia plain pipe from 38.05 M to 62.13 M
50.02		medium sand	6.43	150mm dia slotted pipe from 62.13 M to 71.18 M
54.50		clay	6.42	150mm dia plain pipe from 71.18 M to 110.50 M
72.06		medium sand	6.02	150mm dia slotted pipe from 110.50 M to 119.52 M
91.10		clay	6.02	150mm dia plain pipe from 119.52 M to 132.50 M
95.91		medium sand	6.02	150mm dia slotted pipe from 132.50 M to 138.50 M
98.06		clay	6.02	150mm dia plain pipe from 138.50 M to 144.52 M
102.08		medium sand	6.02	
110.18		clay	6.02	
120.10		medium sand	6.02	
132.01		clay	6.02	
139.20		medium sand	6.02	
143.08		clay	6.02	
166.0		medium sand	6.02	
				Total Assembly- 144.52 M+AGL 0.5= 145.02M
				ABSTRACT
				Date of Lowering-
				LPM- 650
				Drilling Depth- 166.0 M
				Assembly Lowered- 145.02
				Housing Pipe- 38.35 M
				Plain Pipe- 82.38 M
				Slotted Pipe- 24.09 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 04-08-2022
				Logging Depth- 165.0
				23.0 - 33.0 = 10
				36.0 - 50.0 = 14
				54.0 - 72.0 = 18
				91.0 - 95.0 = 4.0
				98.0 - 102.0 = 4.0
				110.0 - 120.0 = 10.0
				132.0 - 139.0 = 7.0
				143.0 - 160.0 = 17.0



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J.E.

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