



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001
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Advisor – Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 318 - SJ / AX - 2023

Date 30.03.2023

Geophysical Borehole Logging Report

Name of the site : Sigar Jot, Block – Bhanwapur

District : Siddharth Nagar

Date : 30.03.2023

Depth logged : ~~165.0 mbgl~~

Depth drilled : 170.0 mbgl – as reported

Logger use : ~~Robertson 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
1	26.0—38.0	12.0	Good all
2	46.0—53.0	7.0	
3	66.0—73.0	7.0	
4	80.0—93.0	13.0	
5	130.0—137.0	7.0	
6	143.0—160.0	17.0	

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

Verified as per
logs provided.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

GCh
30/03/23



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. :-

Siddharthnagar

Name of District:-

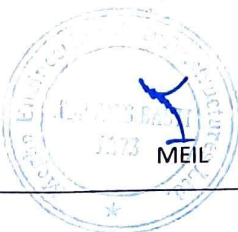
Block Name:- Bhanwapur

Scheme Name:-

Singarjot

Name of Activity :-

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			+0.5	300 mm Dia housing pipe to 41.53 M
			6.00	300 x150mm reducer from 41.53 M to 41.73 M
26.0	CLAY		6.00	150mm dia plain pipe from 41.73 M to 80.51 M
			6.01	150mm dia slotted pipe from 80.51 M to 92.52 M
38.0	M.S.		6.00	150mm dia plain pipe from 92.52 M to 130.60 M
			6.00	150mm dia slotted pipe from 130.60 M to 143.89 M
46.0	CLAY		41.53	150mm dia plain pipe from 143.89 M to 155.92 M
			41.73	
53.0	M.S.		6.00	
			6.00	
66.0	CLAY		6.00	
			6.00	
73.0	M.S.		6.00	
			6.00	
80.0	CLAY		6.00	
			3.22	
93.0	M.S. to finesa		80.51	Total Assembly- 155.92M+AGL 0.5=156.42M
			6.00	
			6.01	
			92.52	
			6.01	
			6.00	
			6.01	
			6.00	
			6.01	
			6.00	
			2.05	
130.0	M.S.		130.60	
			11.11	
137.0	CLAY		136.60	
			6.00	
143.0	M.S.		143.89	
			1.29	
			149.90	
			6.01	
160.0	CLAY		155.92	
			6.02	
165.0			0	
				ABSTRACT
				Date of Lowering- 02.04.23
				LPM- 650
				Drilling Depth- M
				Assembly Lowered- 156.42M
				Housing Pipe- 42.03 M
				Plain Pipe- 90.17 M
				Slotted Pipe- 24.02 M
				Reducer- 0.2 M
				LOGGING REPORT
				Date of Logging- 28.03.23
				Logging Depth- 165.0
				26-38 = 12
				46-53 = 07
				66-73 = 07
				80-93 = 13
				130-137 = 07
				143-160 = 17



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