



# Aqua Xplore

(Groundwater Assessment & Allied Services)  
243/5, New Colony Jiyamau, Hazratganj, Lucknow - 226001  
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 216 - J / AX - 2023

Date 16.02.2023

## Geophysical Borehole Logging Report

CA-2

Name of the site : Jhajar Ghatia, Block - Sohratgarh  
District : Siddharth Nagar  
Date : 16.02.2023  
Depth logged : ~~190.0~~ mbgl  
Depth drilled : 207.0 mbgl - as reported  
Logged used : ~~Robertson~~ make  
Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad  
& M/S Awadh Naushad Ali Enterprises.

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	22.0—25.0	3.0	Good all
2	32.0—36.0	4.0	
3	43.0—50.0	7.0	
<del>4</del>	<del>60.0—64.0</del>	<del>4.0</del>	
<del>5</del>	<del>71.0—75.0</del>	<del>4.0</del>	
<del>6</del>	<del>94.0—110.0</del>	<del>16.0</del> ← 12	
<del>7</del>	<del>120.0—130.0</del>	<del>10.0</del> - 6	
<del>8</del>	<del>149.0—153.0</del>	<del>4.0</del>	
<del>9</del>	<del>157.0—161.0</del>	<del>4.0</del>	
<del>10</del>	<del>168.0—173.0</del>	<del>5.0</del>	

Note: All zones are intermixed with fine bands of kankar. Sl.Nos.3,8 & 9 are highly intermixed with kankar.

Verified as per  
logs provided.

for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Gsh  
17/02/23



Cover Agreement No. :-

Name of District:- SIDDHARTH NAGAR

Scheme Name:- JAJARGATHIA

Name of Activity :- LOWERING OF TUBEWELL

Block Name:- SHOHRATHGIARH

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.54 M
				200 x150mm reducer from 35.54 M to 35.74 M
			150mm dia plain pipe from 35.74 M to 95.80 M	150mm dia plain pipe from 35.74 M to 95.80 M
			150mm dia slotted pipe from 95.80 M to 107.81 M	150mm dia slotted pipe from 95.80 M to 107.81 M
			150mm dia plain pipe from 107.81 M to 122.18 M	150mm dia plain pipe from 107.81 M to 122.18 M
			150mm dia slotted pipe from 122.18 M to 128.20 M	150mm dia slotted pipe from 122.18 M to 128.20 M
			150mm dia plain pipe from 128.20 M to 134.19 M	150mm dia plain pipe from 128.20 M to 134.19 M
			150mm dia slotted pipe from M to M	150mm dia slotted pipe from M to M
			150mm dia plain pipe from M to M	150mm dia plain pipe from M to M
			150mm dia slotted pipe from M to M	150mm dia slotted pipe from M to M
			150mm dia plain pipe from M to M	150mm dia plain pipe from M to M
			150mm dia slotted pipe from M to M	150mm dia slotted pipe from M to M
			150mm dia plain pipe from M to M	150mm dia plain pipe from M to M
				Total Assembly- 134.19 M+AGL 0.5= 134.69 M
				ABSTRACT
				Date of Lowering-
				LPM- 450LPM
				Drilling Depth- 190 M
				Assembly Lowered- 134.69 M
				Housing Pipe- 36.04 M
				Plain Pipe- 80.42 M
				Slotted Pipe- 18.03 M
				Reducer- 6.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 190M
				22-25 = 3
				32-36 = 4
				43-50 = 7
				60-64 = 4
				71-75 = 4
				94-110 = 16
				120-130 = 6
				149-153 = 4
				157-161 = 4
				168-173 = 5



*[Signature]*  
TPI

AJ  
J.E.

सहायक अभियन्ता  
खण्ड कार्यालय (वि०/या०)  
उ० प्र० जल निगम (ग्रामीण)  
गोरखपुर