



# Aqua Xplore

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

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

Ref. 130 - AS / AX - 2023

Date 30.01.2023

## Geophysical Borehole Logging Report

Name of the site : Ankra , Block - Shohratganj

District : Siddharth Nagar

Date : 30.01.2023

Depth logged : ~~195.0~~ mbgl

Depth drilled : 205.0 mbgl - as reported

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>	20.0-23.0	3.0	Good all
<del>2</del>	41.0-45.0	4.0	
<del>3</del>	62.0-70.0	8.0	
<del>4</del>	74.0-77.0	3.0	
<del>5</del>	86.0-106.0	20.0	
<del>6</del>	120.0-127.0	7.0	
<del>7</del>	149.0-153.0	4.0	
<del>8</del>	169.0-182.0	13.0	

Note. All zones are intermixed with fine bands of kankar. Sl. Nos. 5 & 8 are highly kankar intermixed.

Verified as per  
logs provided.

for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

G.Ch  
31/01/23

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **SHOHRATHGAM**

Scheme Name:- **ANKRA**

Name of Activity:- **LOWERING OF TUBEWELL**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5 m AGL	200 mm Dia Housing pipe to 35.68 M
				200 x 150mm reducer from 35.68 M to 35.88 M
06.12M		CLAY	6.02	150mm dia plain pipe from 35.88 M to 96.13 M
		MEDIUM	6.02	150mm dia slotted pipe from 96.13 M to 102.15 M
23.06M			6.03	150mm dia plain pipe from 102.15 M to 120.41 M
		CLAY	6.03	150mm dia slotted pipe from 120.41 M to 126.44 M
41.08M			6.04	150mm dia plain pipe from 126.44 M to 132.47 M
			6.04	150mm dia slotted pipe from M to M
		FINE TO MEDIUM	0.2	150mm dia plain pipe from M to M
45.12M			6.01	150mm dia slotted pipe from M to M
		CLAY	6.01	150mm dia plain pipe from M to M
			6.02	150mm dia slotted pipe from M to M
62.13			6.02	150mm dia plain pipe from M to M
		MEDIUM SAND	6.02	
70.31			6.02	Total Assembly- 132.47 M+AGL 0.5= 132.97 M
		CLAY	6.03	
74.22			6.03	
		FINE SAND	6.03	
77.32			6.09	
		CLAY	6.09	
86.13				
		MEDIUM SAND		
			6.02	
106.12			4   11	
		CLAY	11   10	
120.11			6.09	
		MEDIUM SAND	6.09	
127.33			6.08	
		CLAY		
			4   11	
149.31			11   10	
		MEDIUM SAND	6.03	
153.06			6.03	
		CLAY	0	
169.12				
		FINE TO MEDIUM		
182.18				
		CLAY		
198M				
		MEDIUM SAND		
		CLAY		

**ABSTRACT**

Date of Lowering:-

LPM-

Drilling Depth- 198 M

Assembly Lowered- 132.97 M

Housing Pipe- 36.18 M

Plain Pipe- 84.54 M

Slotted Pipe- 12.05 M

Reducer- 0.20 M

**LOGGING REPORT**

Date of Logging- 30-01-23

Logging Depth- 195M

20-23 = 3m

41-45 = 4m

62-70 = 8m

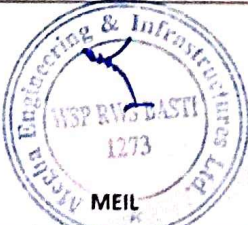
74-77 = 3m

86-106 = 20m

120-127 = 7m

149-153 = 4m

169-182 = 13m



*[Signature]*  
TPI

सहायक अभियन्ता  
खण्ड कार्यालय (वि/याँ०)  
उ० प्र० जल वि० (ग्रामीण)

*[Signature]*  
A.E.