



# Aqua Xplore

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

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

Ref. 228 - K / AX - 2023

Date 28.02.2023

## Geophysical Borehole Logging Report

Name of the site : Karunda Masina T/W-2, Block - Jogia

District : Siddharth Nagar

Date : 28.02.2023

Depth logged : ~~166.0~~ mbgl

Depth drilled : 175.0 mbgl - as reported

Logger use : ~~Robertson~~ make

Presence : Rep. of M/S Megha Engineering & Infrastructure Ltd., Hyderabad

*C*  
*Plain clay*

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	28.0—32.0	4.0	Good all
<del>2</del>	<del>54.0—64.0</del>	<del>10.0</del>	
<del>3</del>	<del>86.0—104.0</del>	<del>18.0</del> ✓	
<del>4</del>	<del>114.0—118.0</del>	<del>4.0</del>	
<del>5</del>	<del>142.0—150.0</del>	<del>8.0</del>	
<del>6</del>	<del>155.0—159.0</del>	<del>4.0</del>	

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

*Verified as per  
logs provided.  
Note - Sr NO6 fine  
in nature.*

*[Signature]*

for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

*GSh*  
*01/03/23*



Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**  
Scheme Name:- **KARAUDA MASINA TIW2**

Block Name:- **J0611A**

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 35.53 M
			6.00	200 x150mm reducer from 35.53 M to 35.73 M
			6.01	150mm dia plain pipe from 35.73 M to 89.89 M
			6.01	150mm dia slotted pipe from 89.89 M to 101.89 M
			6.01	150mm dia plain pipe from 101.89 M to 142.54 M
			6.00	150mm dia slotted pipe from 142.54 M to 148.56 M
			6.00	150mm dia plain pipe from 148.56 M to 154.57 M
28.12		CLAY	6.00	150mm dia slotted pipe from M to M
32.06		MEDIUM SAND	0.2	150mm dia plain pipe from M to M
			35.73	150mm dia slotted pipe from M to M
		CLAY	6.04	150mm dia plain pipe from M to M
			6.03	150mm dia slotted pipe from M to M
			6.02	150mm dia plain pipe from M to M
54.13		FINE TO MEDIUM	6.00	150mm dia slotted pipe from M to M
			6.00	150mm dia plain pipe from M to M
64.21		CLAY	6.01	150mm dia slotted pipe from M to M
			6.01	150mm dia plain pipe from M to M
			6.04	
86.13		MEDIUM SAND	5.99	Total Assembly- 154.57 M+AGL 0.5= 155.07 M
			6.01	
			101.89	
104.32		CLAY	6.02	
			6.03	
114.19		FINE TO MEDIUM	6.03	
			6.03	
118.27		CLAY	6.03	
			6.01	
			4.50	
142.09		MEDIUM SAND	6.02	
			142.54	
150.21		CLAY	6.01	
			148.56	
155.13		FINE SAND	6.01	
			154.57	
159.44		CLAY		
165M				

**ABSTRACT**

Date of Lowering-

LPM- 550LPM

Drilling Depth- M

Assembly Lowered- 155.07 M

Housing Pipe- 36.03 M

Plain Pipe- 100.82 M

Slotted Pipe- 18.02 M

Reducer- 0.20 M

**LOGGING REPORT**

Date of Logging-

Logging Depth-

28-32 = 4

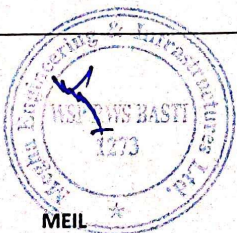
54-64 = 10

86-104 = 18

114-118 = 4

142-150 = 8

155-159 = 4



*[Signature]*  
TPI

*[Signature]*  
J.E.

सहायक अभियन्ता  
खण्ड कार्यालय (वि/याँ) (वि/याँ)  
उ० प्र० जल विभाग (ग्रामीण)  
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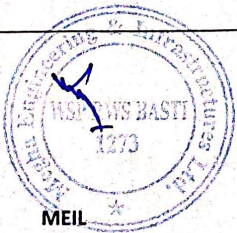
Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**  
 Scheme Name:- **KARAUDA MASINA TIW2**  
 Name of Activity:- **LOWERING OF TUBEWELL**

Block Name:- **JOGI 1A**

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