



Aqua Xplore

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

CA-4

Ref. 211 - S / AX - 2023

Date 11.02.2023

Geophysical Borehole Logging Report

Name of the site : Sihorawa, Block - Badhani

District : Siddharth Nagar

Date : 11.02.2023

Depth logged : 202.0 mbgl

Depth drilled : 205.0 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	48.0—52.0	4.0	Good all
2	63.0—67.0	4.0	
3	70.0—74.0	4.0	
4	95.0—99.0	4.0	
5	119.0—126.0	7.0	
6	142.0—149.0	7.0	
7	15.0—159.0	4.0	
8	166.0—170.0	4.0	
9	173.0—180.0	7.0	
10	190.0—195.0	5.0	

Note. All zones are Intermixed with kankar. Sl.No. 4 is highly intermixed with kankar.

Verified as per
logs provided.

[Signature]

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

G.S.H
13/2/23

Position:
Operator:
Error:
IllegalTag
0x10
1439104

PCL XL error

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Scheme Name:- **SIHORAWA**

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

Block Name:- **BADHANI**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5M AGL	200 mm Dia housing pipe to 35.76 M
			6.06	200 x150mm reducer from 35.76 M to 35.96 M
			6.06	150mm dia plain pipe from 35.96 M to 119.51 M
			6.03	150mm dia slotted pipe from 119.51 M to 125.55 M
			6.04	150mm dia plain pipe from 125.55 M to 142.65 M
			6.04	150mm dia slotted pipe from 142.65 M to 148.68 M
			6.04	150mm dia plain pipe from 148.68 M to 155.58 M
			6.03	150mm dia slotted pipe from 155.58 M to 158.61 M
			6.00	150mm dia plain pipe from 158.61 M to 166.58 M
			6.00	150mm dia slotted pipe from 166.58 M to 169.61 M
			6.02	150mm dia plain pipe from 169.61 M to 175.68 M
			6.02	150mm dia slotted pipe from M to M
			6.03	150mm dia plain pipe from M to M
			6.03	150mm dia slotted pipe from M to M
			6.03	150mm dia plain pipe from M to M
			6.03	150mm dia slotted pipe from M to M
			6.04	150mm dia plain pipe from M to M
			6.04	150mm dia slotted pipe from M to M
			6.04	150mm dia plain pipe from M to M
			6.05	150mm dia slotted pipe from M to M
			5.20	150mm dia plain pipe from M to M
48.10		CLAY	35.76	
52.13		MEDIUM SAND	35.96	
63.21		CLAY		
67.18		FINE TO MEDIUM		
70.21		CLAY		
74.18		MEDIUM SAND		
		CLAY		
95.13		FINE SAND		
99.23		CLAY		
119.17		MEDIUM SAND	119.51	
126.24		CLAY	125.55	
142.16		MEDIUM SAND	142.65	
149.22		CLAY	148.68	
155.36		MEDIUM SAND	155.58	
159.31		CLAY	158.61	
166.20		MEDIUM SAND	166.58	
170.14		CLAY	169.61	
173.17		FINE TO MEDIUM	175.68	
180.15		CLAY		
190.13		MEDIUM SAND		
195.06		CLAY		
198.12				
				Total Assembly- 175.68 M + AGL 0.5 = 176.18 M
				ABSTRACT
				Date of Lowering-
				LPM- 550
				Drilling Depth- 198 M
				Assembly Lowered- 176.18 M
				Housing Pipe- 36.26 M
				Plain Pipe- 121.59 M
				Slotted Pipe- 18.13 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 202 M
				48-52 = 4
				63-67 = 4
				70-74 = 4
				95-99 = 4
				119-126 = 7
				142-149 = 7
				155-159 = 4
				166-170 = 4
				173-180 = 7
				190-195 = 5



[Signature]
TPI

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J.E.

सहायक अभियन्ता
खण्ड कार्यालय (वि/वा)
उ० प्र० जल निगम (महानगर)
अहमदाबाद