

# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1130 - K / AX - 2022

Date 30.11.2022

## Geophysical Borehole Logging Report

Name of the site: Kolhui, Block - Mithwal

District : Siddharth Nagar

Date : 30.11.2022

Depth logged : 162.0 mbgl - 165M - 46.35 - 46.35

Depth drilled : 165.0 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
<del>1</del>	26.0—36.0	10.0	Good all
<del>2</del>	44.0—48.0	4.0	
<del>3</del>	57.0—64.0	7.0	
<del>4</del>	66.0—70.0	4.0	
<del>5</del>	80.0—85.0	5.0	
<del>6</del>	99.0—103.0	4.0	
<del>7</del>	106.0—110.0	4.0	
<del>8</del>	116.0—123.0	7.0	
<del>9</del>	135.0—142.0	7.0	
<del>10</del>	146.0—150.0	4.0	

Note. All zones are intermixed with kankar. Sl. Nos. 5,6 & 7 are highly kankar intermixed.

Verified as per  
logs provided  
G.S.H  
01/12/22

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Jeevan Mission

Order Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **MITHWAL**

Scheme Name:- **KOLHUI**

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

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.58 M
				200 x150mm reducer from 35.58 M to 35.78 M
			6.00	150mm dia plain pipe from 35.78 M to 57.50 M
		CLAY	6.01	150mm dia slotted pipe from 57.50 M to 63.52 M
26.03		MEDIUM SAND	6.02	150mm dia plain pipe from 63.52 M to 116.50 M
			6.02	150mm dia slotted pipe from 116.50 M to 122.51 M
36.11		CLAY	6.02	150mm dia plain pipe from 122.51 M to 135.51 M
			6.03	150mm dia slotted pipe from 135.51 M to 141.51 M
44.02		FINE SAND	6.07	150mm dia plain pipe from 141.51 M to 147.54 M
47.16		CLAY	3.60	
56.98		MEDIUM SAND	6.02	Total Assembly- 147.54 M+AGL 0.5= 148.04M
64.04		FINE SAND	6.02	
66.11		CLAY	6.03	
70.03		FINE SAND	6.03	
			6.04	
80.05		CLAY	6.04	
84.96		FINE SAND	6.05	
			6.05	
99.17		CLAY	6.06	
103.05		FINE SAND	6.08	
106.11		CLAY	4.60	
110.02		FINE SAND		
116.07		CLAY		
		MEDIUM SAND	6.01	
123.13		CLAY	6.02	
			4.50	
135.21		MEDIUM SAND	2.48	
142.12		CLAY	6.00	
146.09		FINE SAND	6.03	
150		CLAY		
162				

**ABSTRACT**

Date of Lowering-

LPM- 500LPM

Drilling Depth- 165 M

Assembly Lowered- 148.04M

Housing Pipe- 36.08 M

Plain Pipe- 93.73 M

Slotted Pipe- 18.03 M

Reducer- 0.20 M

**LOGGING REPORT**

Date of Logging-

Logging Depth- 162

26 - 36 = 10

44 - 48 = 4

57 - 64 = 7

66 - 70 = 4

80 - 85 = 5

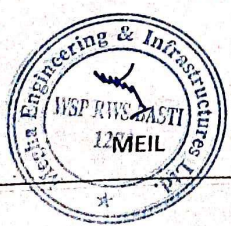
99 - 103 = 4

106 - 110 = 4

116 - 123 = 7

135 - 142 = 7

146 - 150 = 4



TPI

AM  
J.E.

सहायक अभियन्ता  
खण्ड कार्यालय (वि/याँ) 10  
उ प्रो जल निगम (ग्रामीण)

E.E.

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