

# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 627 - G / AX - 2022

Date 27.06.2022

## Geophysical Borehole Logging Report

Name of the site : Girdharpur, Block – Khuniyaon

District : Siddharth Nagar

Date : 27.06.2022

Depth logged : ~~163.0~~ mbgl

Depth drilled : 165.0 mbgl

Logger used : ~~UPTRON~~ make

Presence : Er.A.K.Maurya, J.E., 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>	25.0—35.0	10.0	Good all
<del>2</del>	42.0—57.0	15.0	
<del>3</del>	60.0—65.0	5.0	
<del>4</del>	75.0—93.0	18.0	
<del>5</del>	100.0—107.0	7.0	
<del>6</del>	112.0—125.0	13.0	
<del>7</del>	133.0—152.0	19.0	

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

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

*Dev*  
Verified as per  
logs provided.

*G. S. Ch*  
ASSISTANT GEOLOGIST  
JAL NIGAM (UP)  
PRAYAGRAJ  
20/06/2022



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal Jal Jeevan Mission

Cover Agreement No. :-

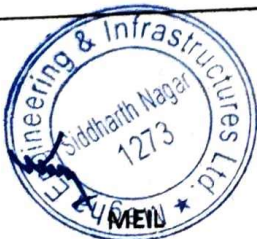
Name of District:- Siddharthnagar

Scheme Name:- Giridherpur

Name of Activity :-

Block Name:- khuniyaon

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			+0.5	200 mm Dia housing pipe to 35.58 M
			6.05	200 x150mm reducer from 35.58 M to 35.78 M
			6.01	150mm dia plain pipe from 35.78 M to 77.92 M
			6.00	150mm dia slotted pipe from 77.92 M to 90.01 M
			6.01	150mm dia plain pipe from 90.01 M to 114.10 M
			6.01	150mm dia slotted pipe from 114.10 M to 120.11 M
			6.00	150mm dia plain pipe from 120.11 M to 126.13 M
25.0		CLAY	35.58	150mm dia slotted pipe from
35.0		medium sand	35.78	150mm dia plain pipe from
42.0		CLAY	6.03	
57.0		Medium Sand	6.03	
60.0		CLAY	6.02	
65.0		Medium Sand	6.01	
75.0		CLAY	6.00	
93.0		medium sand	6.04	
100.0		CLAY	77.92	6.06
107.0		Medium Sand	" "	6.03
112.0		CLAY	90.01	" "
125.0		Medium Sand	6.03	
133.0		CLAY	6.02	
152.0		Medium Sand	6.02	
163.0		CLAY	114.10	6.01
165.0		Sandy CLAY	120.11	6.02
			126.13	0
				Total Assembly-126.13 M+AGL 0.5= 126.63 M
				<b>ABSTRACT</b>
				Date of Lowering- 05/09/22
				LPM- 500 LPM
				Drilling Depth- 165 M
				Assembly Lowered-126.63 M
				Housing Pipe- 36.58 M
				Plain Pipe- 72.25 M
				Slotted Pipe- 18.10 M
				Reducer- 0.2 M
				<b>LOGGING REPORT</b>
				Date of Logging- 04/09/2022
				Logging Depth- 163.0
				25.0 - 35.0 = 10.0
				42.0 - 57.0 = 15.0
				60.0 - 65.0 = 5.0
				75.0 - 93.0 = 18.0
				100.0 - 107.0 = 7.0
				112.0 - 125.0 = 13.0
				133.0 - 152.0 = 19.0



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