



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 530 - K / AX - 2022 Date 30.05.2022

## Geophysical Borehole Logging Report

Name of the site : Katela, Block – Itwa

District : Siddharth Nagar

Date : 30.05.2022

Depth logged : 160.0 mbgl

Depth drilled : 165.0 mbgl – as reported

Logger use : Robertson make

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

J.E. A.K. Maurya, U.P. Jal Nigam.

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>	24.0—34.0	10.0	Good all
<del>2</del>	38.0—46.0	8.0	
<del>3</del>	62.0—69.0	7.0	
<del>4</del>	86.0—104.0	18.0	
<del>5</del>	114.0—120.0	6.0	
<del>6</del>	122.0—126.0	4.0	
<del>7</del>	130.0—136.0	6.0	
<del>8</del>	142.0—156.0	14.0	

Note, All zones are intermixed with fine bands of kankar. Sl. No. 7 is fine sand.

*Dev*  
for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Verified as per  
logs provided.  
Note: Sr No 4 - may consider  
as 88-104 (16m), to  
avoid fine sediments.

1  
/ Sd/-  
Geologist  
U.P. JAL NIGAM (RURAL)  
Prayagraj

