



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 408 - S / AX - 2022

Date 08.04.2022

## Geophysical Borehole Logging Report

Name of the site : Suhairanpurwa Block – Khesraha

District : Siddharth Nagar

Date : 08.04.2022

Depth logged : 162.0 mbgl

Depth drilled : 165.0 mbgl – as reported

Logger used : Robertson, U.K.

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>	30.0----36.0	6.0	Good all
<del>2</del>	46.0----52.0	6.0	
<del>3</del>	56.0----66.0	10.0	
<del>4</del>	82.0----95.0	13.0	
<del>5</del>	98.0----103.0	5.0	
<del>6</del>	120.0----125.0	5.0	
<del>7</del>	136.0----140.0	4.0	
<del>8</del>	147.0----160.0	13.0	

Note. Sl. Nos. 5 & 7 are fine sand and all zones are intermixed with kankar.

Verified as per  
logs provided.

for Aqua Xplore

ASSISTANT HYDROGEOLOGIST  
YANTRIK MANDAL  
DR. JAL NIGAM (RURAL)  
PRAYAGRAJ

To

M/S Megha Engineering & Infrastructure Limited, Hyderabad

