



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 408 - D / AX - 2022      Date 08.04.2022

## Geophysical Borehole Logging Report

Name of the site : Dhobaha, Block – Khuniyaon

District : Siddharth Nagar

Date : 08.04.2022

Depth logged : ~~160.0 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>	28.0---38.0	10.0	Good all
<del>2</del>	48.0---58.0	10.0	
<del>3</del>	63.0---68.0	5.0	
<del>4</del>	80.0---84.0	4.0	
<del>5</del>	88.0---98.0	10.0	
<del>6</del>	100.0---104.0	4.0	
<del>7</del>	118.0---128.0	10.0	
<del>8</del>	130.0---134.0	4.0	
<del>9</del>	145.0---150.0	5.0	
<del>10</del>	154.0---158.0	4.0	

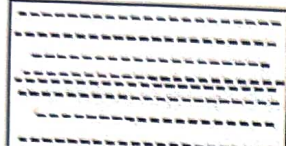
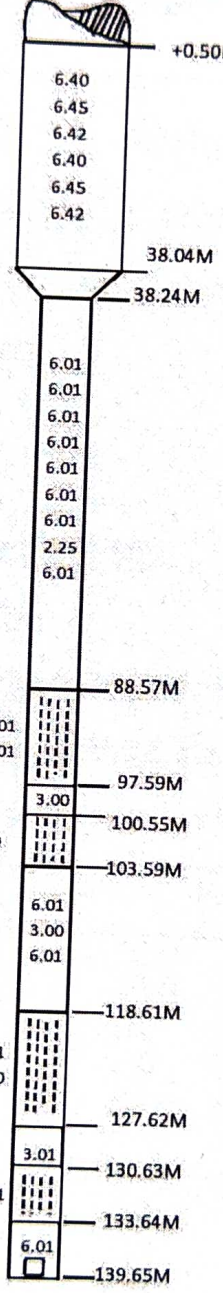
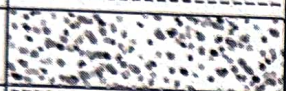







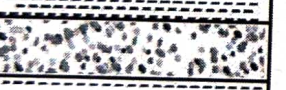
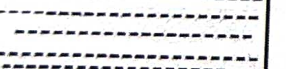

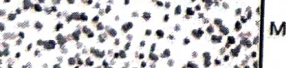




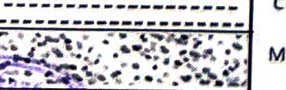
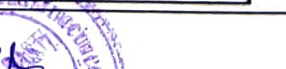

Note.

Verified as per  
logs provided  
GSR  
9/4/22

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

B.G.L.	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
27.84M		CLAY	 <p>+0.50M AGL</p> <p>38.04M</p> <p>38.24M</p> <p>88.57M</p> <p>97.59M</p> <p>100.55M</p> <p>103.59M</p> <p>118.61M</p> <p>127.62M</p> <p>130.63M</p> <p>133.64M</p> <p>139.65M</p>	200 mm Dia housing pipe to 38.04 M
38.17M		MEDIUM SAND		200x150mm reducer from 38.04 M to 38.24 M
48.21M		CLAY		150mm dia plain pipe from 38.24 M to 88.57 M
58.55M		MEDIUM SAND		150mm dia slotted pipe from 88.57 M to 97.59 M
63.02M		CLAY		150mm dia plain pipe from 97.59 M to 100.59 M
67.94M		MEDIUM SAND		150mm dia slotted pipe from 100.59 M to 103.59M
80.16M		CLAY		150mm dia plain pipe from 103.59 M to 118.61 M
83.86M		MEDIUM SAND		150mm dia slotted pipe from 118.61 to 127.62
87.86M		CLAY		150mm dia plain pipe from 127.62 M to 130.63 M
98.26M		MEDIUM SAND		150mm dia slotted pipe from 130.63M to 133.64 M
100.53M		CLAY		150mm dia plain pipe from 133.64M to 139.65M
104.22M		MEDIUM SAND		total assembly- 139.65M+AGL 0.5 =140.15 M
118.48M		CLAY		
128.06M		MEDIUM SAND		
130.40M		CLAY		
134.41M		MEDIUM SAND		
145.21M		CLAY		
150.06M		MEDIUM SAND		
154.43M		CLAY		
165.07M		MEDIUM SAND		
				<b>ABSTRACT</b>
				Discharge-700 lpm
				Date of Lowering- 10 April 2022
				Drilling Depth-165 M
				Assembly Lowered-140.15 M
				Housing Pipe- 38.54 M
				Plain Pipe-77.37 M
				Slotted Pipe-24.04 M
				Reducer- 0.20 M
				<b>LOGGING REPORT</b>
				Date of Logging- 8 April 2022
				28-38=10 M
				48-58=10M
				63-68=5M
				80-84=4M
				88-98=10M
				100-104=4M
				118-128=10M
				130-134=4M
				145-150=5M
				154-158=4M



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A.E.

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E.E.