

# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 805 - D / AX - 2022 Date 05.08.2022

## Geophysical Borehole Logging Report

Name of the site : Dokamamiya, Block – Itwa

District : Siddharth Nagar

Date : 05.08.2022

Depth logged : 157.0 mbgl

Depth drilled : 165.0 mbgl

Logger used : Robertson 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>	17.0—21.0	4.0	Good all
<del>2</del>	28.0—32.0	4.0	
<del>3</del>	36.0—40.0	4.0	
<del>4</del>	46.0—50.0	4.0	
<del>5</del>	52.0—59.0	7.0	
<del>6</del>	78.0—82.0	4.0	
<del>7</del>	84.0—88.0	4.0	
<del>8</del>	92.0—96.0	4.0	
<del>9</del>	100.0—107.0	7.0	
<del>10</del>	122.0—130.0	8.0	
⑪	139.0—143.0	4.0	
<del>12</del>	146.0—154.0	8.0	

Note. All zones are intermixed with fine bands of kankar. Si. No. 11 is fine sand.

*Dev*

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Verified as per  
logs provided.  
Note: Sr No 9- way  
consider as 102-107 (5)

G.S.H.  
ASSISTANT GEOPHYSICAL  
CIRCLE OFFICE (F)  
U.P. JAL NIGAM (R)  
VAYAGRA



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal  
Jai Jeevan Mission

Cover Agreement No. :-

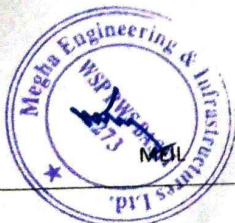
Name of District:-

Scheme Name:- *Damak Amya*

Name of Activity :-

Block Name:- *Bhanwarpur*

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
17.0		CLAY		300 mm Dia housing pipe to 41.55 M
21.0		M.S. CLAY		300 x 150mm reducer from 41.55 M to 41.75 M
28.0		M.S. CLAY		150mm dia plain pipe from 41.75 M to 52.47 M
32.0		M.S. CLAY		150mm dia slotted pipe from 52.47 M to 58.48 M
36.0		M.S. CLAY		150mm dia plain pipe from 58.48 M to 78.52 M
40.0		M.S. CLAY		150mm dia slotted pipe from 78.52 M to 81.52 M
46.0		M.S. CLAY		150mm dia plain pipe from 81.52 M to 84.52 M
50.0		M.S. CLAY		150mm dia slotted pipe from 84.52 M to 87.52 M
52.0		M.S. CLAY		150mm dia plain pipe from 87.52 M to 93.54 M
59.0		CLAY		93.54 to 95.56 102.56 to 106.56 123.0 to 129.02
78.0		CLAY		95.56 to 102.56 106.56 to 123.0 129.02 to 135.04
82.0		medium Sand		Total Assembly- 135.04 M+AGL 0.5=135.54M
84.0		CLAY		ABSTRACT
88.0		M.S. CLAY		Date of Lowering-
92.0		M.S. CLAY		LPM- 800 LPM
96.0		CLAY		Drilling Depth- 165 M
100.0		M.S. CLAY		Assembly Lowered- 135.04M
107.0		CLAY		Housing Pipe- 42.55 M
122.0		M.S. CLAY		Plain Pipe- <del>110.99</del> M 69.24 M
130.0		CLAY		Slotted Pipe- 24.05 M
139.0		M.S. CLAY		Reducer- 0.2 M
143.0		CLAY		LOGGING REPORT
146.0		M.S. CLAY		Date of Logging-
154.0		CLAY		Logging Depth- 157 M
157.0		Sandy CLAY		17.0 - 21.0 = 4
165.0				28.0 - 32.0 = 4
				36.0 - 40.0 = 4
				46.0 - 50.0 = 4
				52.0 - 59.0 = 7
				78.0 - 82.0 = 4
				84.0 - 88.0 = 4
				92.0 - 96.0 = 4
				100.0 - 107.0 = 7
				122.0 - 130.0 = 8
				139.0 - 143.0 = 4
				146.0 - 154.0 = 8



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TPI

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J.E.

*[Signature]*  
A.E.

E.E.