



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 921 - S / AX - 2022

Date 21.09.2022

## Geophysical Borehole Logging Report

Name of the site : Sekhui, Block – Bansi

District : Siddharth Nagar

Date : 21.09.2022

Depth logged : ~~130.0~~ mbgl

Depth drilled : 140.0 mbgl – as reported

Logger use : ~~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>	23.0—36.0	13.0	Good all
<del>2</del>	44.0—48.0	4.0	
<del>3</del>	53.0—60.0	7.0	
<del>4</del>	62.0—72.0	10.0	
<del>5</del>	79.0—93.0	14.0	
<del>6</del>	110.0—120.0	10.0	

Note: All zones are intermixed with fine bands of kankar. Sl. No. 2 is fine sand.

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Verified as per  
logs provided.

ASSISTANT GEOLOGIST  
20/09/2022  
RURAL

Cover Agreement No. :-

Name of District:- SIDDHARTH NAGAR.

Block Name:- BANSI

Scheme Name:- SEKHUI

Name of Activity :- LOWERING OF TUBEWELL ASSEMBLY

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
				200 mm Dia housing pipe to 35.73 M
				200 x150mm reducer from 35.73 M to 35.93 M
				150mm dia plain pipe from 35.93 M to 80.30 M
				150mm dia slotted pipe from 80.30 M to 86.31 M
				150mm dia plain pipe from 86.31 M to 112.02 M
				150mm dia slotted pipe from 112.02 M to 118.02 M
				150mm dia plain pipe from 118.02 M to 124.24 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly- 124.24 M+AGL 0.5=124.74 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- 135 M
				Assembly Lowered- 124.74 M
				Housing Pipe- 36.23 M
				Plain Pipe- 76.30 M
				Slotted Pipe- 12.01 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 130
				23 - 36 = 13
				44 - 48 = 4
				53 - 60 = 7
				62 - 72 = 10
				79 - 93 = 14
				110 - 120 = 10



TPI

Akm  
J.E.

सहायक अभियन्ता  
खण्ड कार्यालय (वि०/याँ०)  
उ० प्र० जल निगम (ग्रामीण)  
गोरखपुर

E.E.