

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR.**

Block Name:- **BANSI**

Scheme Name:- **AKOLIYA**

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 35.61 M
				200 x150mm reducer from 35.61 M to 35.81 M
				150mm dia plain pipe from 35.81 M to 37.04 M
				150mm dia slotted pipe from 37.04 M to 93.06 M
				150mm dia plain pipe from 93.06 M to 117.16 M
				150mm dia slotted pipe from 117.16 M to 123.19 M
				150mm dia plain pipe from 123.19 M to 135.22 M
				150mm dia slotted pipe from 135.22 M to 141.22 M
				150mm dia plain pipe from 141.22 M to 147.27 M
				Total Assembly- 147.27M+AGL 0.5= 147.77M
				<b>ABSTRACT</b>
				Date of Lowering-
				LPM-
				Drilling Depth- 165 M
				Assembly Lowered- 147.77M
				Housing Pipe- 36.11 M
				Plain Pipe- 93.41 M
				Slotted Pipe- 17.05 M
				Reducer- 0.20 M
				<b>LOGGING REPORT</b>
				Date of Logging-
				Logging Depth- 170
				20 - 30 = 10
				41 - 48 = 7
				54 - 58 = 4
				63 - 70 = 7
				72 - 75 = 3
				86 - 94 = 8
				103 - 107 = 4
				111 - 124 = 13
				132 - 142 = 10
				146 - 166 = 20

MEI

TPI

J.E.

A.E.

E.E.

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



# Aqua Xplore

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

Ref. 1115 - A / AX - 2022 Date 15.11.2022

## Geophysical Borehole Logging Report

Name of the site : Akoliya, Block – Bansi

District : Siddharth Nagar

Date : 15.11.2022

Depth logged : ~~170.0~~ mbgl

Depth drilled : 175.0 mbgl – as reported

Logger use : ~~Upton~~ make

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
1	20.0–30.0	10.0	Good all
2	41.0–48.0	7.0	
<del>3</del>	<del>54.0–58.0</del>	<del>4.0</del>	
<del>4</del>	<del>63.0–70.0</del>	<del>7.0</del>	
<del>5</del>	<del>72.0–75.0</del>	<del>3.0</del>	
<del>6</del>	<del>86.0–94.0</del>	<del>8.0</del>	
<del>7</del>	<del>103.0–107.0</del>	<del>4.0</del>	
<del>8</del>	<del>111.0–124.0</del>	<del>13.0</del>	
<del>9</del>	<del>132.0–142.0</del>	<del>10.0</del>	
<del>10</del>	<del>146.0–166.0</del>	<del>20.0</del>	

Note. All zones are intermixed with kankar.

*Dr. R. A. Yadav*  
for Aqua Xplore

To  
M/S Megha Engineering & Infrastructure Limited  
Hyderabad

Verified as per  
logs provided.  
Note - No 4-way  
considered as 63-69 (6m).

*S. Ch.*  
ASSISTANT HYDROGEOLOGIST  
CIRCLE OFFICE (EM)  
U. P. JAL NIGAM (RURAL)  
RAJ