



Aqua Xplore

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

Ref: 1002 - P / AX - 2022 Date 02.10.2022

Geophysical Borehole Logging Report

Name of the site : Pakardha, Block - Bansi
District : Siddharth Nagar
Date : 02.10.2022
Depth logged : ~~165.0~~ mbgl
Depth drilled : 170.0 mbgl - as reported
Logger use : ~~Robertson~~ 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	22.0--28.0	6.0	Good all
2	43.0--47.0	4.0	
3	52.0--59.0	7.0	
4	79.0--87.0	8.0	
5	92.0--99.0	7.0	
6	110.0--123.0	13.0	
7	153.0--160.0	7.0	

Note. All zones are intermixed with fine bands of kankar.

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

Dr. R. A. Yadav

*Verified and approved
logs provided.*

*Note: Sr No 6 man (ms)
Consider as 110-115 (6m).
and 117-123 (6m).*

*ASSISTING ENGINEER
OFFICE (EEM)
D/S 10/2URB
10*

meil

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WPD BARS EAST-1273 (SIDDHARTH NAGAR)

STRAJA CHAZI

Block Name: BANSI

Agreement No. >
 Name of Site: SIDDHARTH NAGAR
 Name of Project: PAKARDIHA.
 Name of Activity: LOWERING OF TUBE WELL ASSEMBLY

Depth: 8.11 Meter

ASSEMBLY DETAILS

Depth	Soil	Soil Chart	Soil	Excavated Assembly	ASSEMBLY DETAILS
82.14	CLAY		6.00	200 mm Dia housing pipe to 35.54 M	
78.13	MEDIUM SAND		6.01	200 x 150mm reducer from 35.54 M to 35.74 M	
72.14	CLAY		6.02	150mm dia plain pipe from 35.74 M to 90.42 M	
62.14	FINE SAND		6.01	150mm dia splayed pipe from 80.42 M to 96.42 M	
51.93	CLAY		5.98	150mm dia plain pipe from 86.42 M to 92.49 M	
42.14	FINE SAND		6.06	150mm dia splayed pipe from 92.49 M to 98.49 M	
39.13	CLAY		6.05	150mm dia plain pipe from 98.49 M to 116.63 M	
29.13	MEDIUM SAND		6.06	150mm dia splayed pipe from 116.63 M to 122.61 M	
19.13	CLAY		6.05	150mm dia plain pipe from 122.61 M to 128.66 M	
9.13	MEDIUM SAND		6.06		
0.13	CLAY		6.05		
128.63	MEDIUM SAND		6.06		
128.65	CLAY		6.05		
152.46	FINE SAND		6.05		
160	CLAY		6.05		
165	CLAY		6.05		

Drilling Depth	Assembly Lowered	Plain Pipe	Splayed Pipe	Reducer
80.42	36.42	92.49	98.49	0.20 M
118.63	59.98	122.61		
128.65	128.65			

Date of Logging	Logging Depth
165	22 - 28 = 6
	43 - 49 = 4
	52 - 59 = 7
	79 - 87 = 8
	92 - 99 = 7
	110 - 123 = 13
	153 - 160 = 7

LOGGING REPORT	
Date of Lowering:	
LPK:	
Drilling Depth:	165 M
Assembly Lowered:	129.16 M
Housing Pipe:	36.04 M
Plain Pipe:	74.96 M
Splayed Pipe:	17.96 M
Reducer:	0.20 M
Total Assembly:	128.66 M + 0.20 M = 129.16 M



TPM
 AE
 LE
 AE
 EE