

CA-7



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, Now Colony Jiyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- aquaxploreko@gmail.com

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

Ref. 207 - R / AX - 2023

Date 07.02.2023

Geophysical Borehole Logging Report

Name of the site : Ramwapur urf Vishunpur, Block - Khuniyaon

District : Siddharth Nagar

Date : 07.02.2023

Depth logged : ~~151.0~~ mbgl

Depth drilled : 165.0 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.

SI.No.	Depth range(mbgl)	Thickness(m)	Remarks
1	24.0--29.0	5.0	Good all
2	37.0--50.0	13.0	
3	52.0--56.0	4.0	
4	72.0--84.0	12.0	
5	90.0--100.0	10.0 = 9m	
6	107.0--111.0	4.0	
7	116.0--123.0	7.0 = 3m	
8	128.0--131.0	3.0	
9	135.0--139.0	4.0	
10	144.0--148.0	4.0	

Note. All zones are Intermixed with fine bands of kankar. SI. No. 4 is highly kankar intermixed.

Verified as per logs provided.
G.S.H
08/02/23

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad



Cover Agreement No. :-

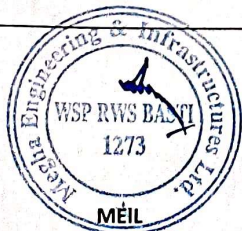
Name of District:- **SIDDARTH NAGAR**

Scheme Name:- **RAMWAPUR UAF VISHUNPUR**

Block Name:- **KHUNIYAON**

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 35.55 M
				200 x150mm reducer from 35.55 M to 35.75 M
				150mm dia plain pipe from 35.75 M to 90.51 M
				150mm dia slotted pipe from 90.51 M to 99.52 M
				150mm dia plain pipe from 99.52 M to 117.52 M
				150mm dia slotted pipe from 117.52 M to 120.53 M
				150mm dia plain pipe from 120.53 M to 126.53 M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				150mm dia slotted pipe from M to M
				150mm dia plain pipe from M to M
				Total Assembly- 126.53 M+AGL 0.5= 127.03 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- M
				Assembly Lowered- 127.03 M
				Housing Pipe- 36.05 M
				Plain Pipe- 78.76 M
				Slotted Pipe- 12.02 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 151
				24 - 29 = 5
				37 - 50 = 13
				52 - 56 = 04
				72 - 84 = 12
				90 - 100 = 10
				107 - 111 = 04
				116 - 123 = 07
				128 - 131 = 03
				135 - 139 = 04
				144 - 148 = 04



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