



Aqua Xplore

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

Ref. 106 - P / AX - 2023

Date 06.01.2023

Geophysical Borehole Logging Report

Name of the site : Pach Mohani, Block - Khesraha

District : Siddharth Nagar

Date : 06.01.2023

Depth logged : ~~170.0~~ mbgl

Depth drilled : 175.0 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	29.0-39.0	10.0	Good all
2	50.0-57.0	7.0	
3	60.0-75.0	15.0	
4	85.0-88.0	3.0	
5	90.0-97.0	7.0	
6	124.0-128.0	4.0	
7	138.0-148.0	10.0	

Note All zones are intermixed with fine bands of kankar. No suitable zones were encountered below 148.0 mbgl till depth logged.

Verified as per
logs provided.
G. S. S.
06/01/23

for Aqua Xplore

To
M/S Megha Engineering & Infrastructure Limited
Hyderabad

Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **KHESARAHIA**

Scheme Name:- **PACH MOHANI**

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 63.28 M
				150mm dia slotted pipe from 63.28 M to 72.36 M
				150mm dia plain pipe from 72.36 M to 90.40 M
				150mm dia slotted pipe from 90.40 M to 96.42 M
				150mm dia plain pipe from 96.42 M to 138.65 M
				150mm dia slotted pipe from 138.65 M to 141.65 M
				150mm dia plain pipe from 141.65 M to 147.72 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- 147.72 M+AGL 0.5= 148.22 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- M
				Assembly Lowered- 148.22 M
				Housing Pipe- 36.23 M
				Plain Pipe- 93.69 M
				Slotted Pipe- 18.10 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 170
				29 - 39 = 10
				50 - 57 = 07
				60 - 75 = 15
				85 - 88 = 03
				90 - 97 = 07
				124 - 128 = 04
				138 - 148 = 10



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