

Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 1201 - A / AX - 2022 Date 01.12.2022

Geophysical Borehole Logging Report

Name of the site : Aichni, Block – Khesaraha

District : Siddharth Nagar

Date : 01.12.2022

Depth logged : 168.0 mbgl -165 46-94 46.32

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	17.0---21.0	4.0	Good all
2	24.0---44.0	20.0	
3	54.0---58.0	4.0	
4	81.0---85.0	4.0	
5	90.0---94.0	4.0	
6	120.0---124.0	4.0	
7	130.0---134.0	4.0	
8	136.0---140.0	4.0	
9	150.0---160.0	10.0	
10	164.0---168.0	4.0	

Note. All zones are intermixed with kankar. Sl. Nos. 5 & 6 are very fine sand.

Verified as per
logs provided

[Signature]

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

GSh
02/12/22



Cover Agreement No. :-

Name of District:- **SIDDHARTH NAGAR**

Block Name:- **KHESARAH**

Scheme Name:- **AICHNI**

Name of Activity:- **LOWERING OF TUBEWELL ASSEMBLY**

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
			0.5 AGL	300 mm Dia housing pipe to 35.56 M
			6.01	300 x150mm reducer from 35.56 M to 35.76 M
			5.87	150mm dia plain pipe from 35.76 M to 54.63 M
			6.07	150mm dia slotted pipe from 54.63 M to 57.63 M
			6.03	150mm dia plain pipe from 57.63 M to 81.43 M
			6.03	150mm dia slotted pipe from 81.43 M to 130.51 M
			6.05	150mm dia plain pipe from 130.51 M to 133.51 M
			35.56	150mm dia slotted pipe from 133.51 M to 136.51 M
			35.76	150mm dia plain pipe from 136.51 M to 139.53 M
			6.01	150mm dia slotted pipe from 139.53 M to 150.53 M
			5.84	150mm dia plain pipe from 150.53 M to 159.54 M
			1.02	150mm dia slotted pipe from 159.54 M to 164.50 M
			6.00	150mm dia plain pipe from 164.50 M to 167.53 M
			3.00	150mm dia slotted - 167.53m to 171.53m
			54.63	150mm dia plain - 167.53m to 171.53m
			57.63	Total Assembly- 171.53 M+AGL 0.5= 172.03 M
			6.04	
			6.05	
			6.06	
			5.65	
			3.02	
			81.43	
			84.45	
			6.03	
			6.00	
			6.00	
			6.00	
			5.99	
			6.02	
			4.02	
			3.00	
			130.51	
			133.51	
			136.51	
			3.02	
			139.53	
			6.00	
			5.00	
			150.53	
			6.01	
			3.00	
			159.54	
			4.96	
			164.50	
			3.03	
			167.53	
			4.00	
			171.53	

ABSTRACT

Date of Lowering- 13/12/2022

LPM-

Drilling Depth- 180 M

Assembly Lowered- 172.03 M

Housing Pipe- 36.06 M

Plain Pipe- 111.69 M

Slotted Pipe- 24.08 M

Reducer- 0.20 M

LOGGING REPORT

Date of Logging-

Logging Depth- 168

17 - 21 = 04

24 - 44 = 20

54 - 58 = 04

81 - 85 = 04

90 - 94 = 04

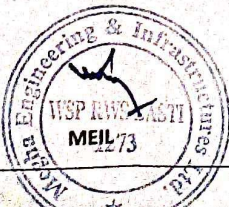
120 - 124 = 04

130 - 134 = 04

136 - 140 = 04

150 - 160 = 10

164 - 168 = 04



TPI

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J.E.

A.E.