

Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jyamau, Hazratganj, Lucknow - 226001
Mob. 9918202546 / 9889323322, E mail- acuaxploreko@gmail.com

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

Ref. 12/19 - L AX - 2022 Date 19.12.2022

Geophysical Borehole Logging Report

Name of the site : Luchuiya, Block - Naugarh

District : Siddharth Nagar

Date : 19.12.2022

Depth logged : 200.0 mbgl 198 ^{30d used} 55.59 55.90

Depth drilled : 204.0 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	36.0---40.0	4.0	Good all
2	46.0---50.0	4.0	
3	66.0---70.0	4.0	
4	114.0---118.0	4.0	
5	121.0---128.0	7.0	
6	137.0---144.0	7.0	
7	154.0---169.0	15.0	
8	178.0---182.0	4.0	
9	192.0---196.0	4.0	

Note, All zones are intermixed with kankar. Sl. Nos. 2 & 3 are highly kankar intermixed.

Verified as per logs provided
Note - Sr No 7 - 154-162 (8m)
aw 165-169 (4m)
for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

GSh
20/12/22



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Cover Agreement No.:-

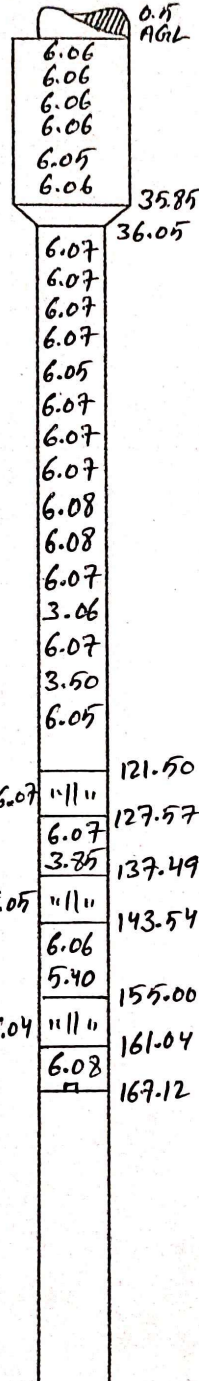
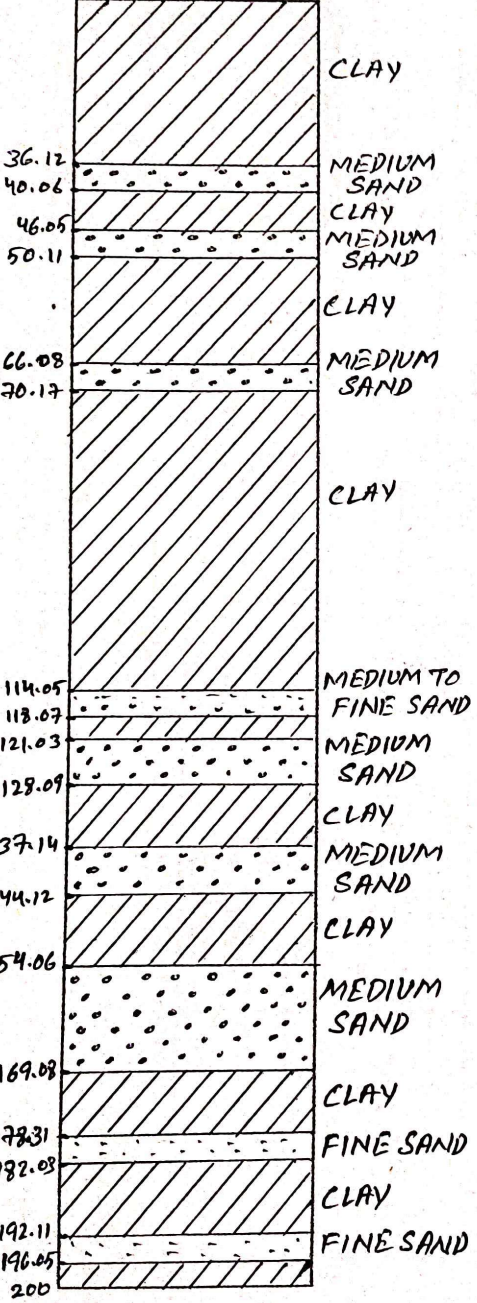
Name of District:- **SIDDHARTH NAGAR**

Block Name:- **NAUGARH**

Scheme Name:- **LUCHUIYA**

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 35.85 M
				200 x150mm reducer from 35.85 M to 36.05 M
				150mm dia plain pipe from 36.05 M to 121.50 M
				150mm dia slotted pipe from 121.50 M to 127.57 M
				150mm dia plain pipe from 127.57 M to 137.49 M
				150mm dia slotted pipe from 137.49 M to 143.54 M
				150mm dia plain pipe from 143.54 M to 155.00 M
				150mm dia slotted pipe from 155.00 M to 161.04 M
				150mm dia plain pipe from 161.04 M to 167.12 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- 167.12 M+AGL 0.5= 167.62 M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- M
				Assembly Lowered- 167.62 M
				Housing Pipe- 36.35 M
				Plain Pipe- 112.91 M
				Slotted Pipe- 18.16 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth-
				36 - 40 = 04
				46 - 50 = 04
				66 - 70 = 04
				114 - 118 = 04
				121 - 128 = 07
				137 - 144 = 07
				154 - 169 = 15
				178 - 182 = 04
				192 - 196 = 04



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सहायक अभियन्ता
खण्ड कार्यालय (वि०/याँ०)
निगम (ग्रामीण)