

Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref. 1208 - L / AX - 2022

Date 08.12.2022

Geophysical Borehole Logging Report

Name of the site : Luchuiya, Block - Shohratgarh

District : Siddharth Nagar

Date : 08.12.2022

Depth logged : 192.0 mbgl

Depth drilled : 200.0 mbgl - as reported 198 55.28 55.28

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	18.0---26.0	8.0	Good all
2	56.0---63.0	7.0	
3	72.0---76.0	4.0	
4	84.0---92.0	8.0	
5	114.0---118.0	4.0	
6	123.0---127.0	4.0	
7	139.0---149.0	10.0	
8	155.0---159.0	4.0	
9	170.0---180.0	10.0	

Note. All zones are highly intermixed with kankar.

Verified as per logs provided
Note - Sr. No. 4 is highly kankar intermixed

for Aqua Xplore

To

M/S Megha Engineering & Infrastructure Limited
Hyderabad

GCh
09/12/22



Megha Engineering & Infrastructures Limited

MEGHA ENGINEERING & INFRASTRUCTURES LIMITED

WSP RWS BASTI-1273 (SIDDHARTH NAGAR)

STRATA CHART



Har Ghar Jal
Jai Jeevan Mission

Cover Agreement No. :-

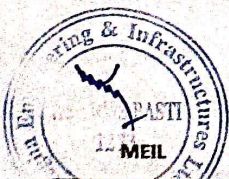
Name of District:- SIDDHARTH NAGAR

Block Name:- SHORATGARH

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 35.54 M
				200 x150mm reducer from 35.54 M to 35.74 M
				150mm dia plain pipe from 35.74 M to 139.51 M
				150mm dia slotted pipe from 139.51 M to 148.50 M
				150mm dia plain pipe from 148.50 M to 155.50 M
				150mm dia slotted pipe from 155.50 M to 158.52 M
				150mm dia plain pipe from 158.52 M to 170.55 M
				150mm dia slotted pipe from 170.55 M to 176.56 M
				150mm dia plain pipe from 176.56 M to 182.56 M
				Total Assembly- 182.56 M+AGL 0.5= 183.06M
				ABSTRACT
				Date of Lowering-
				LPM-
				Drilling Depth- M
				Assembly Lowered- 183.06 M
				Housing Pipe- 36.04 M
				Plain Pipe- 127.80 M
				Slotted Pipe- 18.02 M
				Reducer- 0.20 M
				LOGGING REPORT
				Date of Logging-
				Logging Depth- 192
				18 - 26 = 08
				56 - 63 = 07
				72 - 76 = 04
				84 - 92 = 08
				114 - 118 = 04
				123 - 127 = 04
				139 - 149 = 10
				155 - 159 = 04
				170 - 180 = 10



TPI

Ah
J.E.

सहस्रिक अभियन्ता
खण्ड कार्यालय (वि०याँ०)
उ० प्र० जल निगम (ग्रामीण)