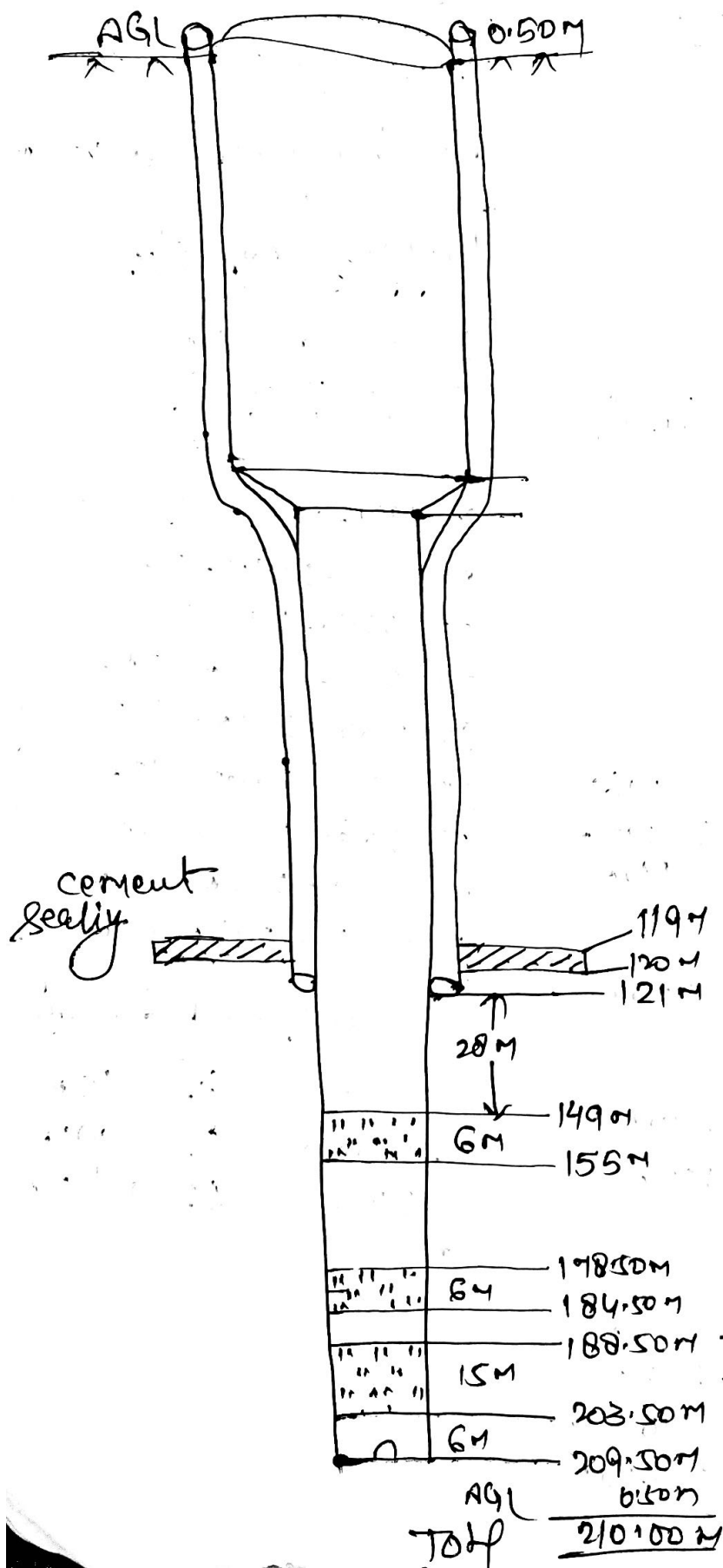


Proposed T.W. Assy. Chart of Daulatpur w.s scheme Bahraich (Block - Nawabganj)



Bores Size - 600 mm x 400 mm
T.W. Assy - 300 mm x 150 mm
Discharge - 700 ltr

Logging Report (21-10-2024)

- 1 - 12 - 18m - 6m
- 2 - 18 - 23m - 5m
- ...
- 20 - 118 - 123m - 5m - clay with
- 21 - 123 - 128m - 5m - k
- 22 - 128 - 132m - 4m - clay
- 23 - 132 - 142m - 10m
- 24 - 142 - 146m - 4m - clay
- 25 - 146 - 156m - 10m -
- 26 - 156 - 159m - 3m - clay
- 27 - 159 - 163m - 4m
- 28 - 163 - 178m - 15m - soft clay
- 29 - 178 - 185m - 7m -
- 30 - 185 - 198m - 3m - clay
- 31 - 198 - 206m - 18m
- 32 - 206 - 210m - 4m - clay
- 33 - 210 - 210m - 0m - clay

As per Estimate.

- 300 mm Main pipe → 40m
- 150 mm PP → 130m
- 150 mm SP → 20m



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

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

Ref. 1021 - G / AX - 2024

Date 21.10.2024

Geophysical Borehole Logging Report

Name of the site : Daulatpur, Block-Nawabganj

District : Bahraich

Date : 21.10.2024

Depth logged : 218.0 mbgl

Depth drilled : 220.0 mbgl

Logger use : Robertson make

Presence : Rep.of M/S PNC Infratech, Bahraich

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 (meter)	Probable Lithology	Remarks
1	12.0---18.0	6.0	Surface clay with sand	--
2	18.0---23.0	5.0	Clay with kankar	--
3	23.0---30.0	7.0	Sand	Good
4	30.0---44.0	14.0	Clay	--
5	44.0---48.0	4.0	Sand	Good
6	48.0---52.0	4.0	Clay with kankar	--
7	52.0---56.0	4.0	Sand	Good
8	56.0---61.0	5.0	Clay with kankar	--
9	61.0---65.0	4.0	Sand	Good
10	65.0---68.0	3.0	Clayey sand	--
11	68.0---72.0	4.0	Sand	Good
12	72.0---80.0	8.0	Clay with kankar	--
13	80.0---84.0	4.0	Sand	Good
14	84.0---90.0	6.0	Clay with kankar	--
15	90.0---95.0	5.0	Sand	Good
16	95.0---98.0	3.0	Sandy clay with kankar	--
17	98.0---105.0	7.0	Sand	Good
18	105.0---110.0	5.0	5.0Sandy clay	--
19	110.0---118.0	8.0	Fine sand with kankar	Good
20	118.0---123.0	5.0	Clay with kankar	--
21	123.0---128.0	5.0	Sand	Good
22	128.0---132.0	4.0	Clayey sand with kankar	--
23	132.0---142.0	10.0	Sand	Good
24	142.0---146.0	4.0	Clayey sand with kankar	--
25	146.0---156.0	10.0	Sand with kankar	Good
26	156.0---159.0	3.0	Clay with kankar	--
27	159.0---163.0	4.0	Fine sand with kankar	Good
28	163.0---178.0	15.0	Sandy clay	---
29	178.0---185.0	7.0	Sand	Good
30	185.0---188.0	3.0	Clay with kankar	---
31	188.0---206.0	18.0	Sand	Good
32	206.0---210.0	4.0	Clay with kankar	---
33	210.0---218.0	8.0	Sandy clay	---

for Aqua Xplore