



Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref. 1111 - P / AX - 2024 Date 11.11.2024

Geophysical Borehole Logging Report

Name of the site : Pisaiya, Block- Katra Bazar

District : Gonda

Date : 11.11.2024

Depth logged : 330.0 mbgl

Depth drilled : 330.0 mbgl

Logger use : Robertson make

Presence : Rep. of M/S L&T Limited, Gonda.

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	20.0—28.0	8.0	Sand	Good
2	28.0—38.0	10.0	Sandy clay	--
3	38.0—56.0	18.0	Sand with kankar	Good
4	56.0—74.0	18.0	Sandy clay with kankar	--
5	74.0—80.0	6.0	Sand with kankar	Good
6	80.0—83.0	3.0	Clay with kankar	--
7	83.0—87.0	4.0	Sand	Good
8	87.0—100.0	13.0	Sandy clay with kankar	--
9	100.0—113.0	13.0	Sand	Good
10	113.0—130.0	17.0	Clay with kankar	--
11	130.0—134.0	4.0	Sand	Good
12	134.0—144.0	10.0	Clay with kankar	--
13	144.0—176.0	32.0	Sand with kankar	Good
14	176.0—180.0	4.0	Sandy clay with kankar	--
15	180.0—193.0	13.0	Sand with kankar	Good
16	193.0—206.0	13.0	Sandy clay with kankar	--
17	206.0—218.0	12.0	Sand with kankar	Good
18	218.0—220.0	2.0	Sandy clay	--
19	220.0—230.0	10.0	Sand	Good
20	230.0—240.0	10.0	Sandy clay with kankar	--
21	240.0—248.0	8.0	Sand	Good
22	248.0—253.0	5.0	Sandy clay with kankar	--
23	253.0—257.0	4.0	Sand	Good
24	257.0—262.0	5.0	Sandy clay	--
25	262.0—277.0	15.0	Sand with kankar	Good
26	277.0—282.0	5.0	Sandy clay with kankar	--
27	282.0—286.0	4.0	Sand	Good
28	286.0—294.0	6.0	Clay with kankar	--
29	294.0—306.0	12.0	Sand with kankar	Good
30	306.0—324.0	18.0	Clay with kankar	--
31	324.0—330.0	6.0	Sand with kankar	Good

JUNIOR ENGINEER
DIVISION OFFICE (E/M)
U.P. JAL NIGAM RURAL GONDA
for Aqua Xplore