



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

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Ref. 908 - B / AX - 2023

Date 08.09.2023

Geophysical Borehole Logging Report

Name of the site : Balanpur Basantpur, Block- Sirsiya

District : Shrawasti

Date : 08.09.2023

Depth logged : 165.0 mbgl

Depth drilled : 165.0 mbgl

Logger use : Robertson make

Presence : Rep. of M/S D.S.A. Construction, Shrawasti

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	10.0-----14.0	4.0	Sandy clay	--
2	14.0-----20.0	6.0	Sand	Good
4	20.0-----22.0	2.0	Clayey sand with kankar	--
5	22.0-----26.0	4.0	Sand	Good
6	26.0-----46.0	20.0	Sandy clay	--
7	46.0-----53.0	7.0	Sand	Good
8	53.0-----59.0	4.0	Clay with kankar	--
9	59.0-----63.0	4.0	Sand	Good
10	63.0-----73.0	10.0	Clayey sand	--
11	73.0-----88.0	15.0	Sand	Good
12	88.0-----94.0	6.0	Clay with kankar	--
13	94.0-----104.0	10.0	Sand with kankar	Good
14	104.0-----106.0	2.0	Clay	--
15	106.0-----110.0	4.0	Sand	Good
16	110.0-----126.0	16.0	Clay with kankar	--
17	126.0-----130.0	4.0	Sand	Good
18	130.0-----140.0	10.0	Clay with kankar	--
19	140.0-----147.0	7.0	Sand	Good
20	147.0-----165.0	18.0	Clay with kankar	--

for Aqua Xplore

CC:

M/S D.S.A. Construction, Shrawasti