



Aqua Xplore

(Groundwater Assessment & Allied Services)
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Ref. 903 -S / AX- 2023

Date 03.09.2023

Geophysical Borehole Logging Report

Name of the site : Piprahawa Bahadurpur, Block- Sirsiya
District : Shrawasti
Date : 03.09.2023
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----24.0	10.0	Sand	Good
4	24.0----30.0	6.0	Clayey sand with kankar	--
5	30.0----40.0	10.0	Sand	Good
6	40.0----44.0	4.0	Clayey sand	--
7	44.0----48.0	4.0	Sand	Good
8	48.0----56.0	8.0	Clay with kankar	--
9	56.0----77.0	21.0	Sand with kankar	Good
10	77.0----90.0	13.0	Clay wit kankar	--
11	90.0---97.0	7.0	Sand with kankar	Good
12	97.0----100.0	3.0	Sandy clay	--
13	100.0---108.0	8.0	Sand	Good
14	108.0---124.0	16.0	Sandy clay with kankar	--
15	124.0----136.0	12.0	Sand with kankar	Good
16	136.0----150.0	14.0	Clay with kankar	--
17	150.0----158.0	8.0	Sand	Good
18	158.0----165.0	7.0	Clayey sand	--

for Aqua Xplore

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