



Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Mob. 9918202546 / 9889323322, E mail- aquaxploreelko@gmail.com

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

Ref. 220 - K / AX - 2022

Date 20.02.2022

Geophysical Borehole Logging Report

Name of the site : Khaira Dhaukal, Block- Shivpur

District : Bahraich

Date : 20.02.2022

Depth logged : 334.0 mbgl

Depth drilled : 340.0 mbgl

Logged by : Aqua Xplore

Presence : Rep. of M/S PNC Infratech.

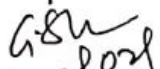
Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl. No.	Depth range (mbgl)	Thickness (meter)	Probable Lithology	Remarks
1	10.0—20.0	10.0	Surface soil	--
2	20.0—24.0	4.0	Sand	Good
3	24.0—30.0	6.0	Clayey sand	--
4	30.0—40.0	10.0	Sand	Good
5	40.0—44.0	4.0	Clayey sand	--
6	44.0—66.0	22.0	Sand	Good
7	66.0—70.0	4.0	Clay	--
8	70.0—82.0	12.0	Sand	Good
9	82.0—86.0	4.0	Clay	--
10	86.0—96.0	10.0	Sand	Good
11	96.0—114.0	18.0	Clayey sand	--
12	114.0—124.0	10.0	Sand	Good
13	124.0—136.0	12.0	Sandy clay	--
14	136.0—176.0	40.0	Sand with kankar	Good
15	176.0—180.0	4.0	Sandy clay	--
16	180.0—196.0	16.0	Sand	Good
17	196.0—200.0	4.0	Clay	--
18	200.0—216.0	16.0	Sand	Good
19	216.0—220.0	4.0	Clay	--
20	220.0—230.0	10.0	Sand	Good
21	230.0—236.0	6.0	Clay	--
22	236.0—244.0	8.0	Sand	Good
23	244.0—260.0	16.0	Clayey sand	--
24	260.0—272.0	12.0	Sand	Good
25	272.0—275.0	3.0	Sandy clay	--
26	275.0—282.0	7.0	Sand	Good
27	282.0—292.0	10.0	Clay with kankar	--
28	292.0—330.0	38.0	Sand	Good

CC:
1. M/S PNC Infratech

Verified as per
logs provided.


for Aqua Xplore


22/02/22
ASSISTANT HYDROGEOLOGIST
YANTRIK MANDAL
U.P. JAL NIGAM (RURAL)
PRAYAGRAJ