



Aqua Xplore

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

Ref. 124 - A / AX - 2022 Date 24.01.2022

Geophysical Borehole Logging Report

Name of the site: Akana, Block - Sandalpur

District: Kanpur Dehat

Date: 24.01.2022

Depth logged: 244.00 mbgl

Depth drilled: 250.00 mbgl - as reported

Logged by: Aqua Xplore

Presence: Rep. of M/S Gurukripa Cont., Mainpuri

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(m)	Remarks
1	18.0-28.0	10.0	Good (1 to 10)
2	38.0-43.0	5.0	
3	52.0-60.0	8.0	
4	75.0-85.0	10.0	
5	105.0-110.0	5.0	
6	114.0-118.0	4.0	
7	124.0-128.0	4.0	
8	130.0-134.0	4.0	
9	140.0-148.0	8.0	
10	152.0-158.0	6.0	
11	162.0-168.0	6.0	Moderate to marginal (11, 12 & 13)
12	170.0-174.0	4.0	
13	176.0-184.0	8.0	
14	190.0-194.0	4.0	Marginal to saline (14 to 18)
15	198.0-202.0	4.0	
16	204.0-210.0	6.0	
17	212.0-227.0	15.0	
18	230.0-237.0	7.0	

Note: All zones are intermixed with kanker. Sl. Nos. 2, 3 & 7 are very fine sand.

Verified all zones as per logs provided.
Note - So No. 6 and 7 are in transition zone, so should be avoided.

M/S Gurukripa Contractors, Balighat, Mainpuri

- Groundwater quality - mentioned as per logger machine calibration and interpreted accordingly by firm.

100% HYDROGEOLOGICAL
& SOIL MECHANICAL
PROFICIENCY