



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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

Ref 1009 - D / AX - 2022 Date 09.10.2022

## Geophysical Borehole Logging Report

Name of the site : Durgapur, Block- Brijmanganj  
District : Maharajganj  
Date : 09.10.2022  
Depth logged : 165.0 mbgl  
Depth drilled : 170.0 mbgl  
Logger use : UPTRON make  
Presence : Representative of M/S JMC, Maharajganj

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
<del>1</del>	25.0—30.0	5.0	Good all  Verified as per logs provided. Note: Sr No 2 may consider as 35-38(3m) Sr No 5 - as
<del>2</del>	35.0—40.0	5.0	
<del>3</del>	42.0—47.0	5.0	
<del>4</del>	50.0—55.0	5.0	
<del>5</del>	60.0—65.0	5.0	
<del>6</del>	69.0—74.0	5.0	
<del>7</del>	86.0—90.0	4.0	
<del>8</del>	96.0—101.0	5.0	
<del>9</del>	105.0—109.0	5.0	
<del>10</del>	116.0—120.0	4.0	
<del>11</del>	136.0—140.0	4.0	
<del>12</del>	155.0—162.0	7.0	

Note. All zones are highly intermixed with kankar. Sl. Nos . 7,9 & 10 are fine sand. Sl. No.11 is very fine sand.

for Aqua Xplore

CC:

- Executive Engineer, C.D. (Rural), U.P.Jal Nigam, Gorakhpur.
- M/S J.M.C., Maharajganj

62-65 (3m).  
Sr No 7, 9, 10  
aw 11 have  
fewer sediments.

Assistant Hydrogeologist  
Circle Office (E/M)  
U.P. Jal Nigam (Rural)  
Prayagraj