



Aqua Xplore

(Groundwater Assessment & Allied Services)
243/5, New Colony Jyamau, Hazratganj, Lucknow - 226001

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

Ref. 1221 - BV / AX - 2022

Date 21.12.2022

Geophysical Borehole Logging Report

Name of the site : Bachaipur, Block - Vikramjot
District : Basti
Date : 21.12.2022
Depth logged : ~~135.0~~ mbgl.
Depth drilled : 140.0 mbgl - as reported
Logger use : Robertson make
Presence : Rep. of M/S VSAIPPL-SCL JV, Basti

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 | 24.0--28.0 | 4.0 | Good all |
| 2 | 33.0--47.0 | 14.0 | |
| 3 | 49.0--53.0 | 4.0 | |
| 4 | 57.0--61.0 | 4.0 | |
| 5 | 66.0--70.0 | 4.0 | |
| 6 | 73.0--76.0 | 3.0 | |
| 7 | 80.0--92.0 | 12.0 | |
| 8 | 98.0--102.0 | 4.0 | |
| 9 | 104.0--108.0 | 4.0 | |

Note, All zones are intermixed with fine bands of kankar.

Verified as per
logs provided

for Aqua Xplore

cc:
M/S VSAIPPL-SCL JV, Basti
Uttar Pradesh

GSh
22/12/22