



# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Ref 616 - G / AX - 2022

Date 16.06.2022

## Geophysical Borehole Logging Report

Name of the site : Gorai, Block- Sevapuri  
District : Varanasi  
Date : 16.06.2022  
Depth logged : 154.0 mbgl  
Depth drilled : 165.0 mbgl  
Logger used : Robertson make  
Presence : Representative of M/S L&T, Varanasi

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      | 35.0—42.0         | 7.0          | Good all |
| 2      | 44.0—57.0         | 13.0         |          |
| 3      | 65.0—70.0         | 5.0          |          |
| 4      | 73.0—80.0         | 7.0          |          |
| 5      | 94.0—98.0         | 4.0          |          |
| 6      | 107.0—111.0       | 4.0          |          |
| 7      | 124.0—128.0       | 4.0          |          |
| 8      | 132.0—136.0       | 4.0          |          |
| 9      | 142.0—149.0       | 7.0          |          |

Note. All zones are intermixed with fine bands of kankar. Sl.No.6 is very fine sand.

for Aqua Xplore

CC;

1. Executive Engineer, IInd. C.D. (Rural), U.P.Jal Nigam, Varanasi.
2. M/S L & T, Varanasi.

Verified as per  
logs provided.

G.S.  
ASSISTANT HYDROGEOLOGIST  
JAL NIGAM (RURAL)  
PRAYAGRAJ